

Appendix A

Scoping Report

LUNA VALLEY SOLAR PROJECT

Scoping Report

EIR No. 7813

CUP No. 3671

Prepared for
County of Fresno Department of Public
Works and Planning, Development
Services and Capital Projects Division

October 2020



LUNA VALLEY SOLAR PROJECT

Scoping Report

EIR No. 7813

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Prepared for
County of Fresno Department of
Public Works and Planning,
Development Services and Capital
Projects Division

October 2020

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SCOPING REPORT

Luna Valley Solar Project

1. Introduction

This report provides an overview of the comments received by the County of Fresno Department of Public Works and Planning, Development Services and Capital Projects Division (County) during the public scoping period for the Environmental Impact Report (EIR) that the County is preparing for the Luna Valley Solar Project (Project), EIR No. 7813.¹

CEQA Guidelines Section 15083 provides that a “Lead Agency may...consult directly with any person...it believes will be concerned with the environmental effects of the project.” Scoping is the process of early consultation with affected agencies and the public prior to completion of a Draft EIR. Section 15083(a) states that scoping can be “helpful to agencies in identifying the range of actions, alternatives, mitigation measures, and significant effects to be analyzed in depth in an EIR and in eliminating from detailed study issues found not to be important.” Scoping is an effective way to bring together and consider the concerns of affected State, regional, and local agencies, the Project proponent, and other interested persons (CEQA Guidelines §15083(b)). Scoping is not conducted to resolve differences concerning the merits of a project or to anticipate the ultimate decision on a proposal. Rather, the purpose of scoping is to determine the scope of information and analysis to be included in an EIR and, thereby, to ensure that an appropriately comprehensive and focused EIR will be prepared that provides a firm basis for informed decision-making. Comments not within the scope of CEQA will not be addressed through the CEQA process.

This report is intended for use by the County in preparing the EIR as formal documentation of initial input received from governmental agencies, the public, and other stakeholders regarding the range of actions, alternatives, mitigation measures, and significant effects to be analyzed in depth in the EIR. It also provides access for other agencies and members of the public to comments received during the scoping period.

2. Description of the Project

Project Summary

Luna Valley Solar I, LLC (the Applicant) has submitted to the County an Unclassified Conditional Use Permit (CUP) application to construct, operate, and ultimately decommission an approximately 200-megawatt alternating current (MWac) photovoltaic (PV) energy generation

¹ The County of Fresno Department of Public Works and Planning is the lead agency pursuant to the California Environmental Quality Act (CEQA) for the preparation of an EIR for the Project.

project with up to 200 MW of energy storage capacity plus related facilities and infrastructure, to be known as the Luna Valley Solar Project. The Project would generate and deliver solar-generated power to the electrical grid via PG&E's existing Tranquillity Switching Station.

The Project consists of three main components: The solar facility, energy storage system, and PG&E interconnection infrastructure. The solar facility would consist of solar PV modules (panels) and support structures, electrical inverters and transformers. The energy storage system would consist of batteries stored within in temperature-controlled enclosures. Related facilities and infrastructure would include an on-site substation, generation tie (gen-tie) lines, access roads, perimeter fencing, telecommunications equipment, a meteorological data collection system, signage, lighting, stormwater facilities, and an operations and maintenance building supported by a septic system and leach field. Water needs would be served via an existing on-site well or by the Westlands Water District.

To interconnect the Project to the California electrical grid, PG&E would extend the footprint of its existing Tranquillity Switching Station by approximately 100 feet to the north, and would construct a new, approximately 1,300-foot 230 kV transmission line to connect the existing switching station to a structure to be built within the Project site. This would include approximately four new tubular poles of up-to 140 feet in height. Fiber optic line also would be provided. The fiber optic lines could be co-located on the transmission line poles or could require separate, adjacent poles. Potential environmental impacts of this proposed PG&E infrastructure will be analyzed as part of the Project.

Project Location

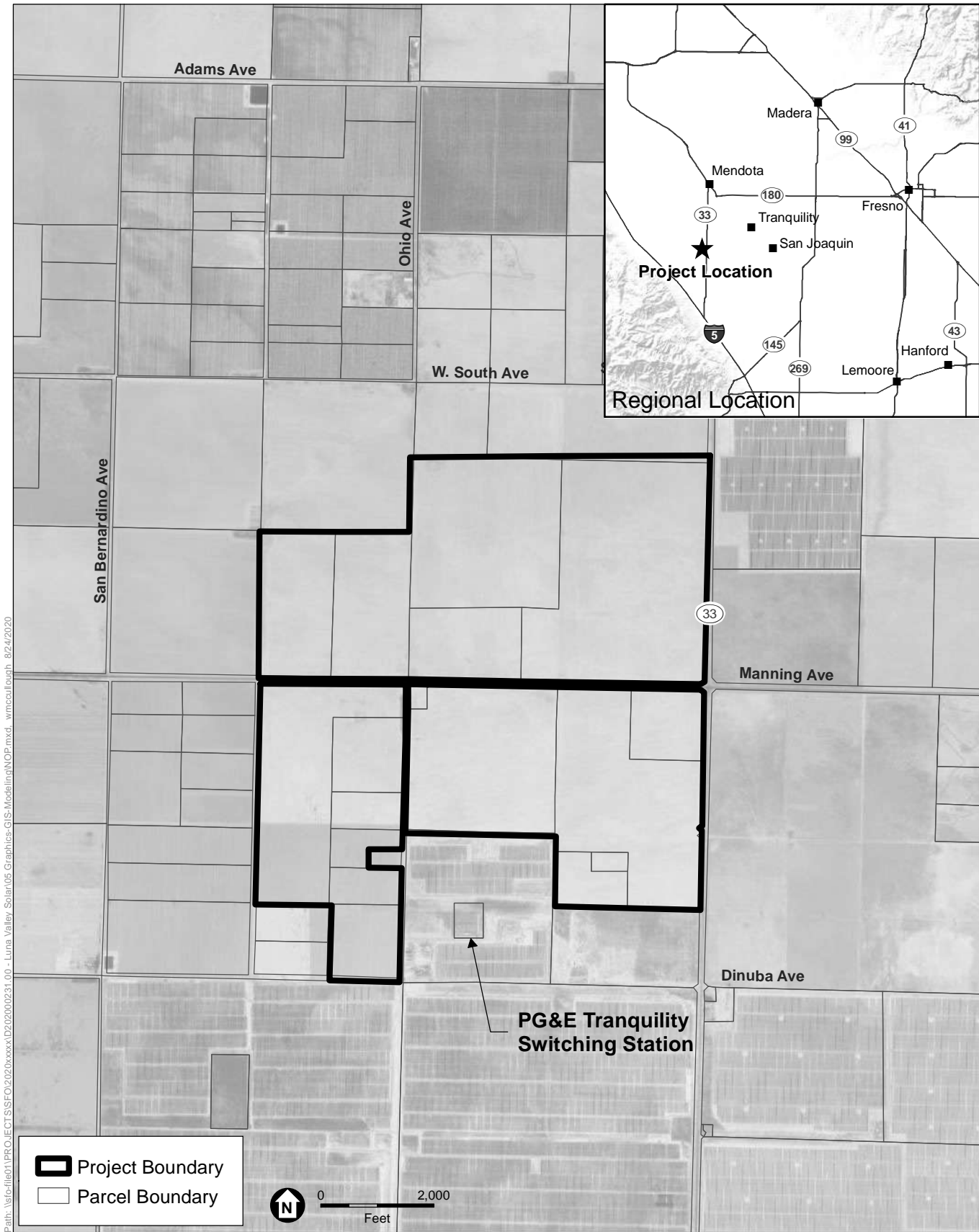
The approximately 1,300-acre Project site is primarily on Westlands Water District-owned lands in unincorporated western Fresno County.² It generally is bounded by State Route 33 (SR 33, also is known as South Derrick Avenue) to the east, Dinuba Avenue to the south, South Bernardino Avenue to the west and West South Avenue to the north. West Manning Avenue bisects the site from east to west; South Ohio Avenue bisects it from north to south. Site access would be provided from S. Ohio Avenue. The nearest communities to the site include Tranquillity (approximately 9 miles to the east-northeast), Mendota (approximately 10 miles to the north), and San Joaquin (approximately 10 miles to the east). Interstate 5 is approximately 11 miles to the west and south. See **Figure 1**, *Luna Valley Solar Project Site Location*.

3. Opportunities for Public Comment

Notification

On August 28, 2020, the County published and distributed a Notice of Preparation (NOP) to advise interested local, regional, state, and federal agencies, as well as the public, that an EIR would be prepared for the Project. The NOP was sent to a mailing list that included Tribes; local, state, and federal agencies; 31 property owners within an area that included the properties within

² One 3.6-acre parcel is owned by the Applicant (APN 028-101-059ST).



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Luna Valley Solar Project

Figure 1
Project Location



1 mile of the Project site; other interested parties; and the Governor’s Office of Planning and Research, State Clearinghouse. The NOP also was emailed to all on the distribution list for whom the County had an email address, and posted with the Fresno County Clerk. The NOP, NOP mailing list, and a copy of the e-mail notification are provided in **Exhibit A**, *Notice of Preparation*. Additionally, an electronic copy of the NOP was posted on the County’s website at: www.co.fresno.ca.us/EIR. The NOP solicited comments on the scope, content, and format of the EIR. Agencies and members of the public were encouraged to submit their comments to the County by U.S. mail, e-mail, or online. Screenshots of the County’s website showing the NOP and the online scoping comment form are provided in **Exhibit B**, *Electronic Access*.

In addition to the NOP, the County notified the public about the public scoping meeting through a newspaper legal advertisement published in *The Business Journal* on August 28, 2020. The legal notice is provided in **Exhibit C**, *Newspaper Notification*. The notification provided basic Project information, the date, time, and participation information for a virtual public scoping meeting, and a brief explanation of the public scoping process.

Public Scoping Meeting

The County conducted a virtual public scoping meeting on Thursday, September 10, 2020 from 6 p.m. to 7 p.m. The presentation (**Exhibit D**) included an overview of the Project, the County’s land use and permitting process, and the environmental review process. Meeting participants included: Jeremy Shaw, Christina Monfette, David Randall, and Chris Motta of Fresno County Department of Public Works and Planning; Cory Barringhaus, Janna Scott, Larry Kass, and Danaka Debow of ESA; and representatives from Luna Valley Solar I, LLC. One member of the public attended the scoping meeting. No comments were received during the meeting.

4. Summary of Scoping Comments

All scoping comments received on or before end of the scoping period are documented in this Scoping Report and will be considered in the EIR. Eight comment letters were received during the scoping period. Table 1 lists the names of commenting parties in the order in which the comments were received. The County has reviewed and relied upon the full text of the comment letters in preparing the EIR; summaries of the environmental issues raised are provided below for ease in review by other agencies and members of the public. The letters are provided in **Exhibit E**, *Scoping Letters*.

TABLE 1
PARTIES SUBMITTING COMMENTS DURING
THE LUNA VALLEY SOLAR PROJECT EIR SCOPING PROCESS

Name	Organization/Affiliation	Letter ID	Date
Written Comments			
Victor Medrano for Chris Jones, Acting District Deputy	California Department of Conservation, Geologic Energy Management Division	A	August 31, 2020
Mayo Ryan	Property owner	B	August 31, 2020
Kathy Norton, Senior Project Manager	U.S. Army Corps of Engineers	C	September 10, 2020
Mark A. Johnson, District Fire Chief	Fresno County Fire Protection District	D	September 14, 2020
Edgar Hernandez for David Padilla, Branch Chief	California Department of Transportation	E	September 16, 2020
Frank Coelho	Adjacent property owner	F	September 24, 2020
Arnaud Marjollet, Director of Permit Services	San Joaquin Valley Air Pollution Control District	G	September 28, 2020
Peter Allison	Voltility	H	October 5, 2020

Scoping input received by the County identifies potential impacts in the areas summarized below:

Air Quality

Concerns regarding the Project's potential impact on air quality were outlined in Letter G by the San Joaquin Valley Air Pollution Control District (SJVAPCD). SJVAPCD requests that details be provided about activities that would result in the emission of pollutants relative to sensitive receptors and, more specifically, that emissions from construction and operation of the Project be identified, quantified, and compared to thresholds for carbon monoxide (CO), oxides of nitrogen (NO_x), reactive organic gases (ROG), oxides of sulfur (SO_x), and particulate matter to determine the potential significance of Project impacts. Letter G recommends that equipment exhaust as well as fugitive dust emissions be quantified, and that emissions analysis be performed using CalEEMod.

If the Project is expected to have a significant impact, SJVAPCD recommends the EIR also include a discussion on the feasibility of implementing a Voluntary Emission Reduction Agreement (VERA) for the Project.

The District recommends the Project be evaluated for potential health impacts to surrounding receptors (on-site and off-site) resulting from operational and multi-year construction toxic air contaminants (TACs) emissions, including from diesel exhaust. The SJVAPCD recommends conducting a screening analysis that includes all sources of emissions to determine if it is necessary to conduct a health risk assessment (HRA).

Letter G notes the Court's decision in *Sierra Club vs. County of Fresno* (2018) 6 Cal.4th 502, and suggests that the EIR should discuss relevant specifics regarding the connection between potential

adverse air quality impacts from the Project with the likely nature and magnitude of potential health impacts. If the potential health impacts from the Project cannot be specifically correlated, explain what is known and why, given scientific constraints, potential health impacts cannot be translated.

SJVAPCD recommends the EIR also include a discussion of whether the Project would result in a cumulatively considerable net increase of any criteria pollutant or precursor for which the San Joaquin Valley Air Basin is in non-attainment.

Letter G also identifies SJVAPCD rules and regulations applicable to the Project, including: District Rule 9510 (to submit an Air Impact Assessment application), Regulation VIII (Fugitive PM10 Prohibitions), Rule 4102 (Nuisance), Rule 4601 (Architectural Coatings), and Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations).

Biological Resources

Letter C, from the U.S. Army Corps of Engineers (USACE), states that the study area is under authority of Section 404 of the Clean Water Act for the discharge of dredged or fill material into waters of the United States. To ascertain the extent of waters on the Project site, Letter C suggests that the applicant should prepare a wetland delineation in accordance with the "Minimum Standards for Acceptance of Preliminary Wetlands Delineations" and "Final Map and Drawing Standards for the South Pacific Division Regulatory Program" and submit it to USACE for verification. The range of alternatives considered for the Project should include alternatives that avoid impacts to wetlands or other waters of the United States. Every effort should be made to avoid Project features which require the discharge of dredged or fill material into waters of the United States. In the event it can be clearly demonstrated there are no practicable alternatives to filling waters of the United States, Letter C suggests that mitigation plans should be developed to compensate for the unavoidable losses resulting from Project implementation.

Hazards and Hazardous Materials

Letter A, from the California Department of Conservation, Geologic Energy Management Division (CalGEM), indicates there is one known oil or gas well located within the Project boundary. CalGEM advises against building over, or in any way impeding access to, oil, gas, or geothermal wells. Maintaining sufficient access is considered the ability for a well servicing unit and associated necessary equipment to reach a well from a public street or access way. CalGEM advises that all wells identified on the Project site prior to, or during, development activities be tested for liquid and gas leakage. Failure to plug and re-abandon a well may result in enforcement action, including an order to perform re-abandonment well work, pursuant to Public Resources Code Sections 3208.1 and 3224.

Public Services

The Fresno County Fire Protection District (Letter D) states the Project may be required to annex into the Community Facilities District No. 2010-01. The Project also will be subject to the

requirements of the current Fire Code and Building Code when a building permit or certificate of occupancy is sought.

Transportation

Letter E, from the California Department of Transportation (Caltrans), recommends that the Project pay into the Fresno County Regional Traffic Mitigation Fee. Design and Project alternatives should include the number of employees expected to be on-site for each shift and proposed utilities.

Project alternatives should avoid direct access to and from State Route 33 (SR-33) during all phases of construction and during normal operations. According to the Caltrans Transportation Concept Report, the segment of SR-33 in the vicinity of the Project is currently a 2-lane conventional highway and ultimately planned to be a 4-lane facility within a total of 110 feet of right-of-way (55 feet from the centerline). Caltrans right-of-way maps shows this segment of SR-33 existing at 100 feet with 50 feet from the centerline on the westside of SR-33. An Irrevocable Offer of Dedication to Caltrans for 5 feet of right-of-way is needed to accommodate the ultimate configuration of SR-33

Caltrans may require that a Transportation Management Plan (TMP) for SR-33 be prepared consistent with California's Manual on Uniform Traffic Control Devices. In addition, the TMP may contain a Temporary Traffic Control plan that addresses traffic safety and control through the work zone. The approval of the TMP must be done prior to the approval of an Encroachment Permit.

Components of the Project where adjacent to SR-33 should not encroach into State right-of-way. If the project design proposes to encroach into State right-of-way, approval of an Encroachment Permit will be required. Any proposed traffic control devices within State facilities also will require an Encroachment Permit. Additional requirements may arise during the permit process.

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EXHIBIT A

Notice of Preparation and Mailing List

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E202018000301

FILED

AUG 28 2020

TIME 2:10pm

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT AND PUBLIC SCOPING MEETING FOR THE LUNA VALLEY SOLAR PROJECT

FRESNO COUNTY CLERK
By *J. Jansen* DEPUTY

TO: Responsible and Trustee Agencies, other interested agencies, and members of the public
FROM: County of Fresno, Department of Public Works and Planning
Development Services and Capital Projects Division
2220 Tulare Street, Sixth Floor
Fresno, CA 93721
SUBJECT: Notice of Preparation of Draft Environmental Impact Report No. 7813 for the Luna Valley Solar Project
Date: August 28, 2020
Action: The County of Fresno (County) will be the Lead Agency pursuant to the requirements of the California Environmental Quality Act (CEQA), and will be responsible for preparing an Environmental Impact Report (EIR) pursuant to CEQA and the CEQA Guidelines. The EIR will analyze potential impacts of the requested Conditional Use Permit for the Luna Valley Solar Project (EIR #7813).

Project Title: Luna Valley Solar Project, Unclassified Conditional Use Permit Application No. 3671

Project Applicant: Luna Valley Solar I, LLC

Project Summary:

Luna Valley Solar I, LLC (the Applicant) has submitted to the County an Unclassified Conditional Use Permit (CUP) application to construct, operate, and ultimately decommission an approximately 200-megawatt alternating current (MW_{AC}) photovoltaic (PV) energy generation project, energy storage system (ESS), and related facilities and infrastructure, to be known as the Luna Valley Solar Project (Project). The Project would generate and deliver solar-generated power to the California electrical grid via PG&E's existing Tranquillity Switching Station.

The approximately 1,300-acre Project site is on Westlands Water District-owned lands in western Fresno County. It generally is bounded by State Route (SR) 33 (also known as South Derrick Avenue) to the east, West Dinuba Avenue to the south, South Bernardino Avenue to the west, and West South Avenue to the north. West Manning Avenue bisects the Project site from east to west; South Ohio Avenue, which is a private unimproved road, bisects the site from north to south. Access to the site would be provided from South Ohio Avenue. The nearest communities to the Project site include Tranquillity, Mendota, and San Joaquin. Westlands Water District acquired the property as part of a 2002 settlement agreement in the *Sumner Peck Ranch et al. v. Bureau of Reclamation et al.* lawsuit, which prohibits irrigation on subject parcels. The Project site has been dry-farmed for rangeland grasses or lain fallow for at least the past 10 years. A more detailed description is provided below.

The Applicant's Project Description and site plan as well as a location map, are available for review at the following locations:

- Fresno County Public Works and Planning Department, 2220 Tulare Street, Fresno, CA 93721
- Fresno County website: www.co.fresno.ca.us/EIR

Please note that the 2220 Tulare Street office is currently closed to the public and arrangements must be made with Jeremy Shaw (contact info below) to review documents at this address. Documents will also be available on the County's website.

E202010000301

Written Comments:

As required by Section 15082 and CEQA Guidelines, this Notice of Preparation ("NOP") has been prepared and distributed to solicit comments from potential Responsible and Trustee Agencies and other public agencies so that Project-related concerns relevant to each agency's statutory responsibilities in connection with the Project can be addressed in the EIR, as well as any related issues from interested parties other than potential Responsible and Trustee Agencies, including other agencies and affected members of the public. The EIR will be the environmental document of reference for Responsible and Trustee Agencies when considering subsequent discretionary approvals.

The County requests that any potential Responsible or Trustee Agencies responding to this NOP reply in a manner consistent with Section 15082(b) of the CEQA Guidelines, which allows for submittal of any comments in response to this notice no later than 30 days after receipt of the NOP. Comments in response to this NOP will be accepted through 5 p.m., Monday, September 28, 2020. Written comments should be addressed to the person noted below.

Please send your written comments to:

Attn: Jeremy Shaw
Fresno County Department of Public Works and Planning
Development Services and Capital Projects Division
2220 Tulare Street, Sixth Floor
Fresno, CA 93721
Phone: (559) 600-4207 Fax: (559) 600-4200
Email: jshaw@FresnoCountyCA.gov

Please reference EIR #7813, Luna Valley Solar Project. Please include your name, address, and phone number and/or email address so that we may contact you for clarification, if necessary. Comments may also be submitted online at www.co.fresno.ca.us/EIR.

Public Scoping Meeting:

The CEQA process encourages comments and questions from the public throughout the planning process. Consistent with the California Public Resources Code and Section 15083(c)(1), (2)(A) to (D) of the CEQA Guidelines, a Public Scoping Meeting will be held to solicit public and agency comments on the scope and content of the Draft EIR. Oral and/or written comments also may be presented at the Public Scoping Meeting. The Public Scoping Meeting will be held online on:

Date: Thursday, September 10, 2020

Time: 6 p.m.

Link: <http://bit.ly/lunavalley> or call-in: US: 888 788 0099 (Toll Free), Webinar ID: 821 2426 9045

Signature:  Date: 8.26.20

E202010000301

Project Location:

The Project site is located on Westlands Water District-owned lands in unincorporated western Fresno County. It generally is bounded by State Route 33 (SR 33, also known as South Derrick Avenue) to the east, Dinuba Avenue to the south, South Bernardino Avenue to the west and West South Avenue to the north. West Manning Avenue bisects the site from east to west; South Ohio Avenue bisects it from north to south. Site access would be provided from S. Ohio Avenue. The nearest communities to the site include Tranquillity (approximately 9 miles to the east-northeast), Mendota (approximately 10 miles to the north), and San Joaquin (approximately 10 miles to the east). Interstate 5 is approximately 11 miles to the west and south. See Figure 1, *Luna Valley Solar Project Site Location*.

Physical Setting:

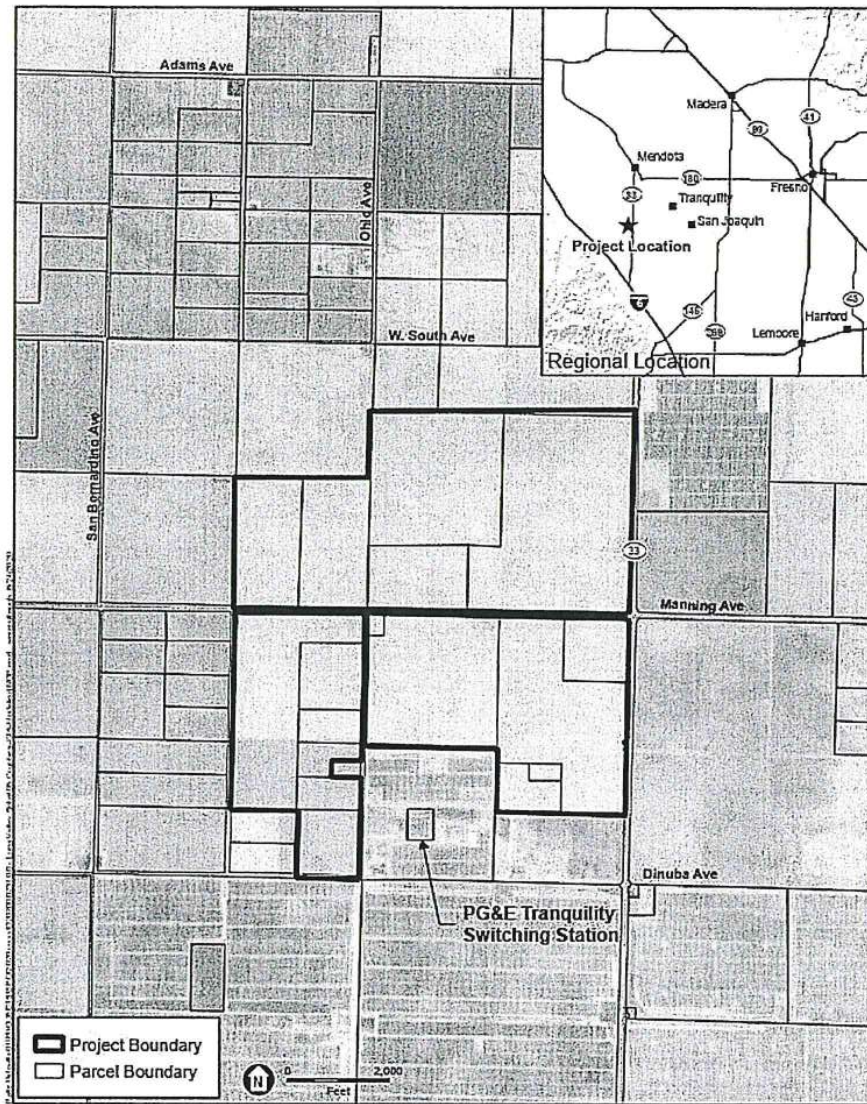
The Project site encompasses 16 parcels currently owned by either the Applicant or the Westlands Water District and is under a purchase option agreement with the Applicant, who would buy the land prior to starting Project construction. The Project site consists of disturbed agricultural land that currently is dry-framed for rangeland grasses or lays fallow. Westlands Water District acquired the property as part of a 2002 settlement agreement in the *Sumner Peck Ranch et al. v. Bureau of Reclamation et al.* lawsuit, which prohibits irrigation. Together with relatively high levels of selenium and a water table that does not provide sufficient drainage for commercially irrigated crops, the non-irrigation covenants restrict what agricultural use may be made of the property. One non-operational well is located on the Project site (parcel 028-60-72ST). Residual subsurface oil pipeline infrastructure associated with Chevron's former pipeline operations in Fresno County also may be present on the Project site. The nearest residences are located approximately 1,500 feet from the southeast corner of the Project site along SR 33.

Existing agricultural uses, including non-irrigated fields owned mostly by the Westlands Water District, generally surround the Project site. Multiple solar energy facilities also are operating or under development in the immediate surrounding area, including the existing Tranquillity Solar Project and proposed Scarlet and Sonrisa solar projects. Interstate 5, the California Aqueduct, the San Joaquin Airport, and Tranquillity, Mendota, and San Joaquin also are located nearby.

Land Use Designation:

The Project site consists of disturbed agricultural land designated as Agriculture in the Fresno County General Plan, and zoned AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) pursuant to the Ordinance Code of the County of Fresno, Zoning Map. The County Code (Section 816.2) permits electric transmission substations and electric distribution stations on parcels zoned Exclusive Agricultural, subject to Director Review and Approval; however, said use is being processed under the more intensive Unclassified Conditional Use Permit application required for solar facilities. The designation protects the general welfare of the agricultural community from encroachments of unrelated agricultural uses that, by their nature, would be injurious to the physical and economic well-being of the agricultural district. Uses in the AE-20 zone district are limited to primarily agricultural uses and other activities compatible with agricultural uses. The Project site consists of approximately 1,300 acres of Farmland of Local Importance as designated by the California Department of Conservation's Farmland Mapping and Monitoring Program. The Project site is not subject to a Williamson Act contract.

E20201000301



Luna Valley Solar Project

Figure 1
Project Location

ESA

Major Components of the Project:

The Project consists of two major components: The Solar Facility and the PG&E infrastructure to interconnect the Project to the grid at the existing Tranquillity Switching Station. The Solar Facility would consist of solar PV modules (or panels) and support structures, and electrical inverters and transformers. Related facilities and infrastructure would include an on-site substation, energy storage system, generation tie (gen-tie) lines, access roads, perimeter fencing, telecommunications infrastructure, a meteorological data collection system, signage, lighting, stormwater facilities, and an operations and maintenance building supported by a septic system and leach field. Water needs could be served via recommencement of use of the existing on-site well or by the

E 202010000301

Westlands Water District. The solar modules at the site would operate during daylight 7 days a week, 365 days a year, and would generate up to 200 MW of alternating current energy at the point of electrical grid interconnection. The Project would include an energy storage system.

To interconnect the Project, PG&E would extend the footprint of its existing Tranquillity Switching Station by approximately 100 feet to the north, and would construct a new, approximately 1,300-foot 230 kV transmission line to connect the existing switching station to a structure to be built within the Project site. This would include approximately four new tubular poles of up-to 140 feet in height. Fiber optic line also would be provided. The fiber optic lines could be co-located on the transmission line poles or could require separate, adjacent poles. Potential environmental impacts of this proposed PG&E infrastructure will be analyzed as part of the Project.

Alternatives to be Analyzed in the EIR:

In accordance with Section 15126.6 of the CEQA Guidelines, the Draft EIR will assess a range of reasonable alternatives to the Project. The range of alternatives to be addressed will include a No Project Alternative as well as other alternatives that would attain most of the basic objectives of the Project while avoiding or reducing any of its significant environmental effects. Potential alternatives will be identified during the coordinated consultation and scoping process.

Potential Environmental Impacts:

Pursuant to CEQA Guidelines Section 15060(d), the County has determined that this Project could result in one or more significant impacts on the physical environmental, thereby necessitating the preparation of an EIR, and so has not prepared an Initial Study.

The EIR will analyze all environmental issues identified in the Environmental Checklist provided in CEQA Guidelines Appendix G (which issues are listed below), after having first established the environmental setting, or baseline, for the environmental analysis. The EIR will identify any potential significant direct, indirect, and cumulative effects of the Project and alternatives related to:

- Aesthetic quality and views, particularly in the vicinity of existing communities;
- Agriculture and forestry resources, including the use of property now in non-irrigated agricultural use to a renewable energy generation use for the duration of the permit term;
- Air quality and noise in the vicinity of sensitive receptors, particularly during construction;
- The intersection of energy use, transportation, and greenhouse gas (GHG) emissions;
- Biological resources, including species and habitats, based on database queries, field surveys, and agency consultations, if required;
- Cultural and tribal cultural resources that could be disturbed during construction, based on record searches and field surveys;
- Geology and soils, paleontological resources, hazards and hazardous materials, hydrology and water quality, and related considerations and constraints;
- The Project's relationship to land use and planning, as well as lands subject to special resources management activities, such as mineral resources and recreation;
- Population and housing, public services, and utilities and service systems;
- Wildfire, including the potential to exacerbate wildfire risks, and thereby expose people to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire; and
- Growth inducement, particularly in relation to existing, adopted development plans for Fresno County.

Janna Scott

From: Janna Scott
Sent: Friday, August 28, 2020 2:10 PM
Subject: Notice of Preparation: Luna Valley Solar Project (Fresno County EIR 7813)
Attachments: EIR 7813 NOP Luna Valley Solar Project.pdf

To Interested Parties [undisclosed recipient list],

On behalf of the Fresno County Department of Public Works and Planning, Development Services and Capital Projects Division (the County), please see the attached Notice of Preparation (NOP) for the Luna Valley Solar Project (Fresno County EIR #7813; SCH #2020080488). If you have any questions about the attached NOP, please contact Jeremy Shaw, Planner, at (559) 600-4207, by email at jshaw@FresnoCountyCA.gov, or by mail using the contact information provided in the attached NOP.

Written scoping input comments will be accepted at any time during the 30-day public scoping period from August 28, 2020 to September 28, 2020. A virtual scoping meeting will be held Thursday, September 10, 2020 at 6 p.m. Instructions for submission of comments and contact information are included in the attached NOP.

You are receiving this email because you have been identified as someone who may be interested in receiving information relating to Fresno County's California Environmental Quality Act (CEQA) process for evaluating environmental impacts of the Luna Valley Solar Project. If you would prefer not to receive email notifications like this one, please reply with the word "unsubscribe" as the body of the message.

Otherwise, please do not reply to this email, which is not regularly monitored. Instead, please direct all communications about this project to the County using the contact information provided in the attached NOP.

Best regards,
Luna Valley Solar Project EIR Team

NOTICE OF PREPARATION MAILING LIST

Agencies and Organizations	Contact	Address	City, State ZIP
Adams Broadwell Joseph & Cardozo	Sheila Sannadan	601 Gateway Blvd, Suite 1000	South San Francisco, CA 94080
California Energy Commission		1516 Ninth Street, Ms-29	Sacramento, CA 95814-5512
California Native American Heritage Commission		915 Capitol Mall, Room 364	Sacramento, CA 95814
California Public Utilities Commission		505 Van Ness Avenue	San Francisco, CA 94102
Central Valley Flood Protection Board		3310 El Camino, Room LI40	Sacramento, CA 95821
City Of Kerman, Planning Department		850 S. Madera Avenue	Kerman, CA 93630
City Of Mendota, Planning And Community Development		643 Quince Street	Mendota, CA 93640
City Of San Joaquin		21900 W Colorado Avenue	San Joaquin, CA 93660
Consolidated Mosquito Abatement District		P.O. Box 278	Selma, CA 93662
County Of Fresno Fire Protection District		25101 W Morton Ave	Tranquillity, CA 93668
Department Of Conservation, Division Of Land Resource Protection		801 K Street	Sacramento, CA 95814
Fresno Council Of Governments	Barbara Goodwin	2035 Tulare St Ste 201	Fresno CA 93721
Fresno Metropolitan Flood Control District		5469 E. Olive Avenue	Fresno, CA 93727
Golden Plains Unified School District		22000 Nevada Street	San Joaquin, CA 93660
James Irrigation District		8749 9th Street	San Joaquin, CA 93660
Kings River Conservation District		4886 E. Jensen Avenue	Fresno, CA 93725
Pacific Gas & Electric, Land Services Department		650 "O" Street, Third Floor	Fresno, CA 93760
San Joaquin Unified Valley Air Pollution Control District		1990 E. Gettysburg Avenue	Fresno, CA 93726
Southern San Joaquin Valley Archaeological Info Center	Celeste Thompson	9001 Stockdale Ave.	Bakersfield, CA 93311-1099
State of California Caltrans	Deputy Director Of Planning & Dev. Services	1352 W. Olive Ave.	Fresno, CA 93778-2616
State of California Department of Fish & Wildlife	Lisa Gymer, Environmental Scientist	1130 E. Shaw Avenue	Fresno, CA 93710
State of California Department of Forestry And Fire Protection, Fresno-Kings Unit	Bill Johnson And Norman Cook	210 S. Academy Ave.	Sanger, CA 93657-9306
State of California Department of Conservation		801 "K" Street - M/S 13-71	Sacramento, CA 95814-3514
State of California Environmental Protection Agency, Department of Toxic Substances Control		1515 Tollhouse Road	Clovis, CA 93612

NOTICE OF PREPARATION MAILING LIST (CONTINUED)

Agencies and Organizations	Contact	Address	City, State ZIP
State of California Highway Patrol		1382 W. Olive Ave.	Fresno, CA 93728
State of California Reclamation Board		1416 Ninth Street - Room 455-6	Sacramento, CA 95814
State of California Regional Water Quality Control Board, Region 5		1685 E. Street	Fresno, CA 93706-2020
State Office of Historic Preservation, Department of Parks & Recreation	Ms. Lucinda Woodward	P.O. Box 942896	Sacramento, CA 94296-0001
Tranquillity Irrigation District		Box 487	Tranquillity, CA 93668
Tranquillity Resource Conservation District		Po Box 487	Tranquillity, CA 93668-0487
United States Department of Agriculture, Natural Resources Conservation Service		4625 W. Jennifer, Suite 125	Fresno, CA 93722
United States Department of Army Corps of Engineers		650 Capitol Mall	Sacramento, CA 95814
United States Department of The Interior, Fish & Wildlife Services - Endangered Species Div.		2800 Cottage Way, #W-2606	Sacramento, CA 95825-1888
United States Environmental Protection Agency Region 9		75 Hawthorne Street (Wtr-9)	San Francisco, CA 94105
United States Fish And Wildlife Service, San Joaquin Valley Division	Justin Sloan	1130 E. Shaw Avenue, Suite 206	Fresno, CA 93710
Westlands Water District		32650 W Adams Avenue	Tranquillity, CA 93668
Environmental Science Associates	Janna A. Scott, J.D.,	550 Kearny Street, Suite 800	San Francisco, CA 94108
First Solar	James F. Cook	135 Main St, 6th Floor	San Francisco, CA 94105
Irish Hills Environmental	James White	3111 Los Osos Valley Rd.	Los Osos, CA 93402

EXHIBIT B

Electronic Access

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EIR 7813 - LUNA VALLEY SOLAR PROJECT

Conditional Use Permit No. 3671

Project Information

Project Description

Environmental Documents

Notice of Preparation

Public Scoping Meeting

The CEQA process encourages comments and questions from the public throughout the planning process. Consistent with the California Public Resources Code and Section 15083(c)(1), (2)(A) to (D) of the CEQA Guidelines, a Public Scoping Meeting will be held to solicit public and agency comments on the scope and content of the Draft EIR. Oral and/or written comments also may be presented at the Public Scoping Meeting. The Public Scoping Meeting will be held online on:

Date: Thursday, September 10, 2020

Time: 6 p.m.

Link: <http://bit.ly/lunavalley> or call-in: US: 888 788 0099 (Toll Free), Webinar ID: 821 2426 9045

Comments in response to this NOP will be accepted through 5 p.m., Monday, September 28, 2020, and may be submitted by mail or email to the addresses below, or through the Online Comment Card, link also provided below:

Please send your written comments to:

Attn: Jeremy Shaw

Fresno County Department of Public Works and Planning

Development Services and Capital Projects Division

2220 Tulare Street, Sixth Floor

Fresno, CA 93721

Phone: (559) 600-4207 Fax: (559) 600-4200

8/28/2020

EIR 7813 - Luna Valley Solar Project | County of Fresno

Email: jshaw@FresnoCountyCA.gov

Submit a Comment Online: [Click here.](#)

LUNA VALLEY COMMENTS

Save Progress

Thank you for taking the time to provide scoping comments on Environmental Impact Report (EIR) No. 7813 - Luna Valley Solar Project. All comments received become part of the public record. The project description and Notice of Preparation can be reviewed at the following website: www.co.fresno.ca.us/EIR

1. What is your name? *

2. Organization/Business

3. Address:

4. Would you like to be added to the mailing list for this project? (Select all which apply)

Note: if you received a copy of the NOP, you are already on the Standard Mail mailing list.

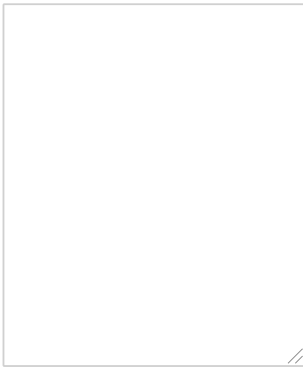
- Yes - By Email
- Yes - By Standard Mail
- No - I would not like to be added to the mailing list.

5. Please provide your email address. If you requested digital notice, this is the address where that notice will be sent.

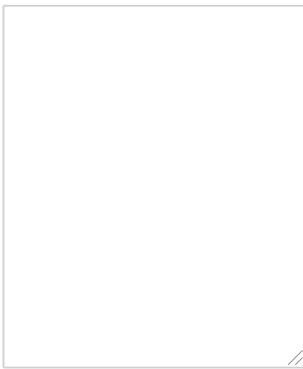
6. All of the following topics will be considered by the Draft EIR. Please select the areas where you have concerns regarding the potential environmental impacts of this project.

- | | | |
|--|---|--|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture/Forestry | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology/Soils |
| <input type="checkbox"/> Hazards/Hazardous Materials | <input type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Hydrology/Water Quality |
| <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise | <input type="checkbox"/> Population/Housing |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Utilities/Service Systems | <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Tribal Cultural Resources |

7. Please provide your comments about the project here. Do you have concerns or suggestions? Are there any existing conditions on site or in the vicinity of the project site we should consider in the EIR analysis? If so, please describe them.



8. Mitigation Measures are changes to the design, phasing, or operation of the proposed project that would reduce or avoid environmental impacts. Please suggest Mitigation Measures that could address impacts related to the development and operation of this project.



Thank you for providing your comments on the Luna Valley Solar Project. If you have questions about this project, please contact:

Jeremy Shaw, Planner
Fresno County Department of Public Works and Planning
Development Services and Capital Projects Division
2220 Tulare Street, Sixth Floor
Fresno, CA 93721
Email: jshaw@fresnocountyca.gov

Please note that our front desk is currently closed to the public. If you would like to review a copy of these files, contact Jeremy Shaw at the phone number or email address above for assistance.

If you experience difficulty in submitting the online comment submission form, please try to use a different internet browser or contact Jeremy at the information above for more assistance.

I'm not a robot reCAPTCHA
Privacy - Terms

SUBMIT

EXHIBIT C

Newspaper Notice

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THE BUSINESS JOURNAL

FRESNO | KINGS | MADERA | TULARE
P.O. Box 126
Fresno, CA 93707
Telephone (559) 490-3400

(Space Below for use of County Clerk only)

IN THE COUNTY OF FRESNO, STATE OF CALIFORNIA

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT AND PUBLIC SCOPING MEETING FOR THE LUNA VALLEY SOLAR PROJECT

A Public Scoping Meeting will be
SEPTEMBER 10, 2020 AT 6:00 PM

DECLARATION OF PUBLICATION (2015.5 C.C.P.)

MISC. NOTICE

STATE OF CALIFORNIA

COUNTY OF FRESNO

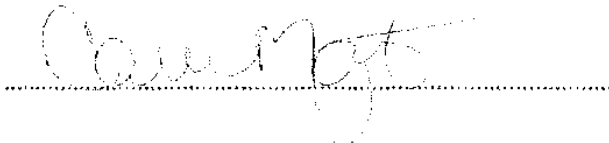
I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of **THE BUSINESS JOURNAL** published in the city of Fresno, County of Fresno, State of California, Monday, Wednesday, Friday, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Fresno, State of California, under the date of March 4, 1911, in Action No. 14315; that the notice of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

AUGUST 28, 2020

I declare under penalty of perjury that the foregoing is true and correct and that this declaration was executed at Fresno, California.

AUGUST 28, 2020

ON



NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT AND PUBLIC SCOPING MEETING FOR THE LUNA VALLEY SOLAR PROJECT

TO: Responsible and Trustee Agencies, other interested agencies, and members of the public

FROM: County of Fresno, Department of Public Works and Planning Development Services and Capital Projects Division
2220 Tulare Street, Sixth Floor
Fresno, CA 93721

SUBJECT: Notice of Preparation of Draft Environmental Impact Report No. 7813 for the Luna Valley Solar Project

Date: August 28, 2020

Action: The County of Fresno (County) will be the Lead Agency pursuant to the requirements of the California Environmental Quality Act (CEQA), and will be responsible for preparing an Environmental Impact Report (EIR) pursuant to CEQA and the CEQA Guidelines. The EIR will analyze potential impacts of the requested Conditional Use Permit for the Luna Valley Solar Project (EIR #7813).

Project Title: Luna Valley Solar Project, Unclassified Conditional Use Permit Application No. 3671

Project Applicant: Luna Valley Solar I, LLC

Project Summary:

Luna Valley Solar I, LLC (the Applicant) has submitted to the County an Unclassified Conditional Use Permit (CUP) application to construct, operate, and ultimately decommission an approximately 200-megawatt alternating current (MWac) photovoltaic (PV) energy generation project, energy storage system (ESS), and related facilities and infrastructure, to be known as the Luna Valley Solar Project (Project). The Project would generate and deliver solar-generated power to the California electrical grid via PG&E's existing Tranquillity Switching Station.

The approximately 1,300-acre Project site is on Westlands Water District-owned lands in western Fresno County. It generally is bounded by State Route 33 (SR 33, also known as South Derrick Avenue) to the east, West Dinuba Avenue to the south, South Bernardino Avenue to the west, and West South Avenue to the north. West Manning Avenue bisects the Project site from east to west; South Ohio Avenue bisects it from north to south. Access to the site would be provided from South Ohio Avenue. The nearest communities to the Project site include Tranquillity, Mendota, and San Joaquin. Westlands Water District acquired the property as part of a 2002 settlement agreement in the *Summer Peck Ranch et al. v. Bureau of Reclamation et al.* lawsuit, which prohibits irrigation on subject parcels. The Project site has been dry-farmed for rangeland grasses or lain fallow for at least the past 10 years. A more detailed description is provided below. The Applicant's Project Description and site plan as well as a location map, are available for review at the following locations:

§ Fresno County Public Works and Planning Department, 2220 Tulare Street, Fresno, CA 93721

§ Fresno County website: <http://www.co.fresno.ca.us/viewdocument.aspx?id=74176>

Please note that the 2220 Tulare Street office is currently closed to the public and arrangements must be made with Jeremy Shaw (contact info below) to review documents at this address. Document will also be updated on the County's website.

Written Comments:

As required by Section 15082 and CEQA Guidelines, this Notice of Preparation ("NOP") has been prepared and distributed to solicit comments from potential Responsible and Trustee Agencies and other public agencies so that Project-related concerns relevant to each agency's statutory responsibilities in connection

with the Project can be addressed in the EIR, as well as any related issues from interested parties other than potential Responsible and Trustee Agencies, including other agencies and affected members of the public. The EIR will be the environmental document of reference for Responsible and Trustee Agencies when considering subsequent discretionary approvals.

The County requests that any potential Responsible or Trustee Agencies responding to this NOP reply in a manner consistent with Section 15082(b) of the CEQA Guidelines, which allows for submittal of any comments in response to this notice no later than 30 days after receipt of the NOP. Comments in response to this NOP will be accepted through 5 p.m., Monday, September 28, 2020. Written comments should be addressed to the person noted below.

Please send your written comments to:
Attn: Jeremy Shaw
Fresno County Department of Public Works and Planning
Development Services and Capital Projects Division
2220 Tulare Street, Sixth Floor
Fresno, CA 93721
Phone: (559) 600-4207 Fax: (559) 600-4200

Email: jshaw@FresnoCountyCA.gov
Please reference EIR #7813, Luna Valley Solar Project. Please include your name, address, and phone number and/or email address so that we may contact you for clarification, if necessary.

Public Scoping Meeting:

The CEQA process encourages comments and questions from the public throughout the planning process. Consistent with the California Public Resources Code and Section 15083(c)(1), (2)(A) to (D) of the CEQA Guidelines, a Public Scoping Meeting will be held to solicit public and agency comments on the scope and content of the Draft EIR. Oral and/or written comments also may be presented at the Public Scoping Meeting. The Public Scoping Meeting will be held online on:

Date: Thursday, September 10, 2020
Time: 6 p.m.

Link: <http://bit.ly/lunavalley> or call in: US: 888 788 0099 (Toll Free), Webinar ID: 821 2426 9045

Potential Environmental Impacts:

Pursuant to CEQA Guidelines Section 15060(d), the County has determined

that this Project could result in one or more significant impacts on the physical environmental, thereby necessitating the preparation of an EIR, and so has not prepared an Initial Study.

The EIR will analyze all environmental issues identified in the Environmental Checklist provided in CEQA Guidelines Appendix G (which issues are listed below), after having first established the environmental setting, or baseline, for the environmental analysis. The EIR will identify any potential significant direct, indirect, and cumulative effects of the Project and alternatives related to:

- Aesthetic quality and views, particularly in the vicinity of existing communities;
- Agriculture and forestry resources, including the use of property now in non-irrigated agricultural use to a renewable energy generation use for the duration of the permit term;
- Air quality and noise in the vicinity of sensitive receptors, particularly during construction;
- The intersection of energy use, transportation, and greenhouse gas (GHG) emissions;
- Biological resources, including species and habitats, based on database queries, field surveys, and agency consultations, if required;
- Cultural and tribal cultural resources that could be disturbed during construction, based on record searches and field surveys;
- Geology and soils, paleontological resources, hazards and hazardous materials, hydrology and water quality, and related considerations and constraints;
- The Project's relationship to land use and planning, as well as lands subject to special resources management activities, such as mineral resources and recreation;
- Population and housing, public services, and utilities and service systems;
- Wildfire, including the potential to exacerbate wildfire risks, and thereby expose people to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire; and
- Growth inducement, particularly in relation to existing, adopted development plans for Fresno County.

08/28/2020

EXHIBIT D

Public Scoping Meeting Presentation

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Luna Valley Solar Project EIR

Public Scoping Meeting | Thursday, September 10, 2020, 6 p.m.

Agency Presentation and Public Input



Purpose of the Meeting



For us to hear from YOU!
Your questions and ideas are welcome and invited.

Agenda

- Introductions
- Purpose of the Meeting
- Project Overview
- Unclassified Conditional Use Permit Process
- Environmental Review Process (CEQA)
- Scoping: Environmental Impacts and Alternatives
- Public Comments
- Next Steps

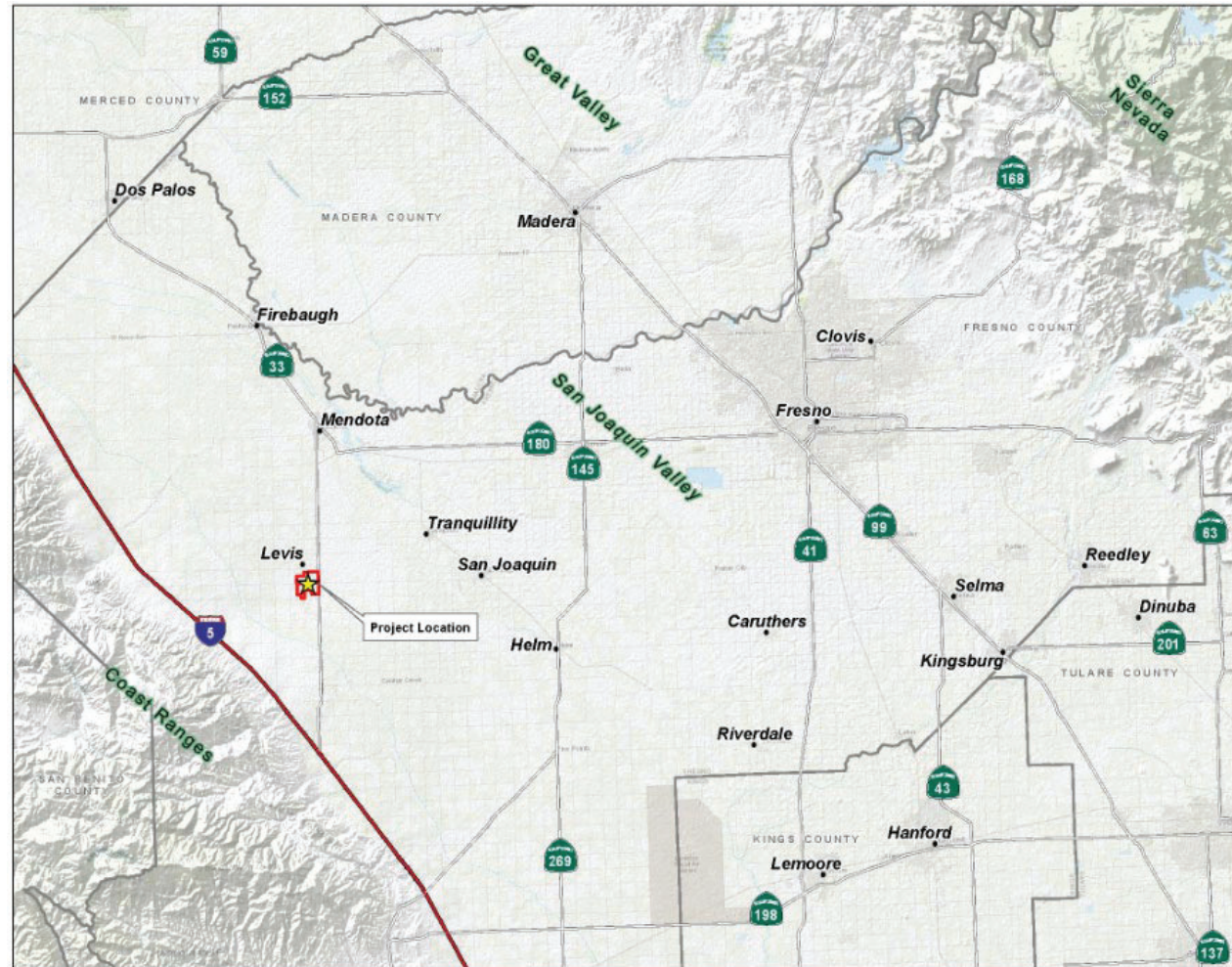
Introductions

- Fresno County
 - Department of Public Works and Planning,
Development Services and Capital Projects Division
Jeremy Shaw, Planner, jshaw@FresnoCountyCA.gov
 - CEQA Lead Agency responsible for preparation of EIR 7813
 - Decision-maker for the requested Conditional Use Permit No. 3671
- Environmental Science Associates
 - Environmental Consultant to the County
- Luna Valley Solar I, LLC
 - Project Applicant

Project Vicinity

Closest cities:

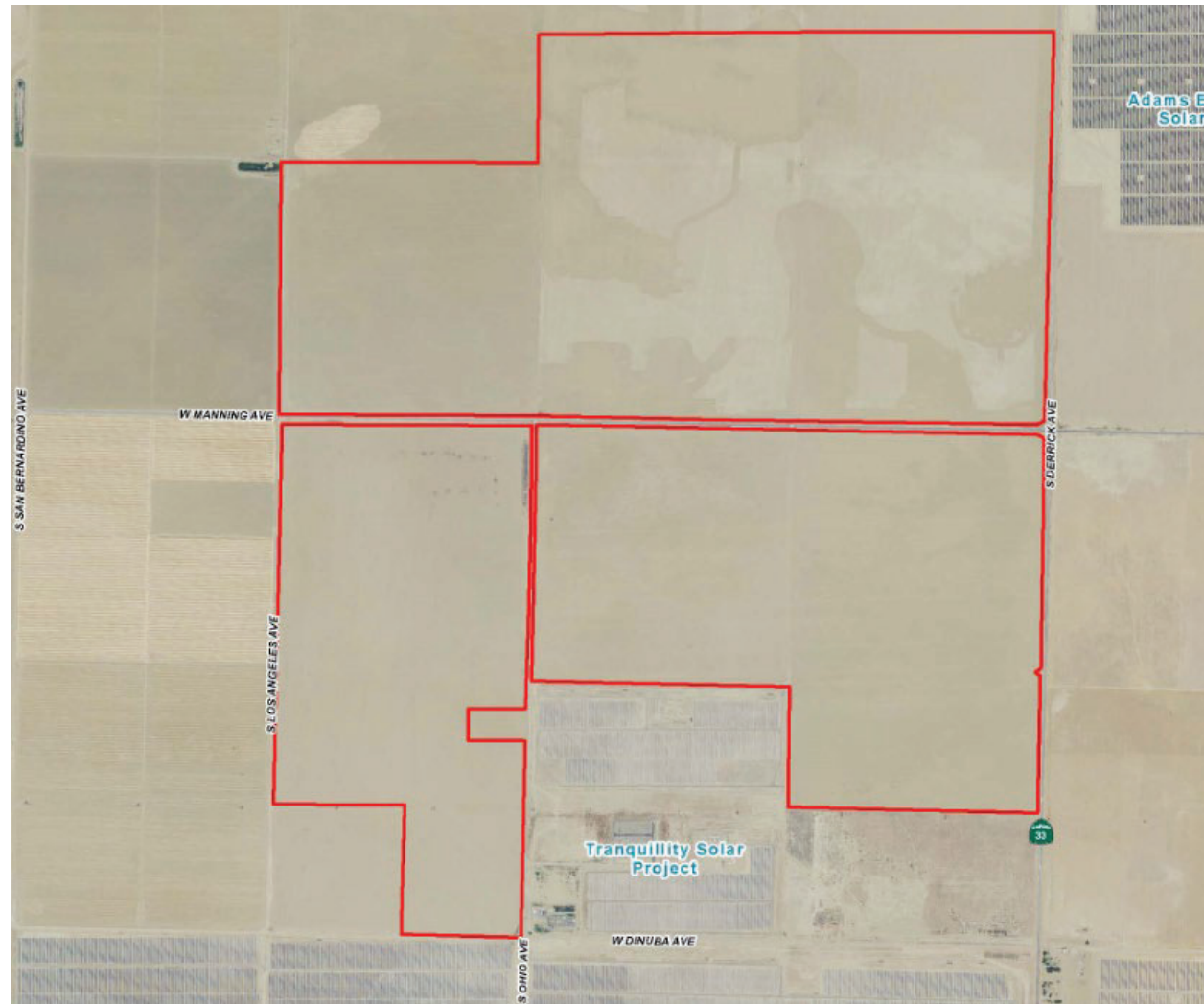
- Tranquillity
9 miles east-northeast
- Mendota
10 miles north
- San Joaquin
10 miles east



Luna Valley Solar Project (EIR 7813)

Surrounding Uses

- Flat agricultural land owned by Westlands Water District
- Adjacent to solar projects
- Adjacent to existing PG&E substation
- Within area of existing agricultural activities



Luna Valley Solar Project (EIR 7813)



Project Details

- Solar Array
- Inverters and Switchgears
- Substation
- O&M Building
- Gen-tie line
- Supervisory Control & Data Acquisition (SCADA) System
- Access Roads
- Perimeter Fencing
- Lighting
- O&M Building
- Battery Energy Storage System

Luna Valley Solar Project (EIR 7813)

Land Use and Permitting Process

- **Conditional Use Permit (CUP) Process**

- Application
- Agency Review
- CEQA Completion
- Planning Commission
- (Appeal only) Board of Supervisors.

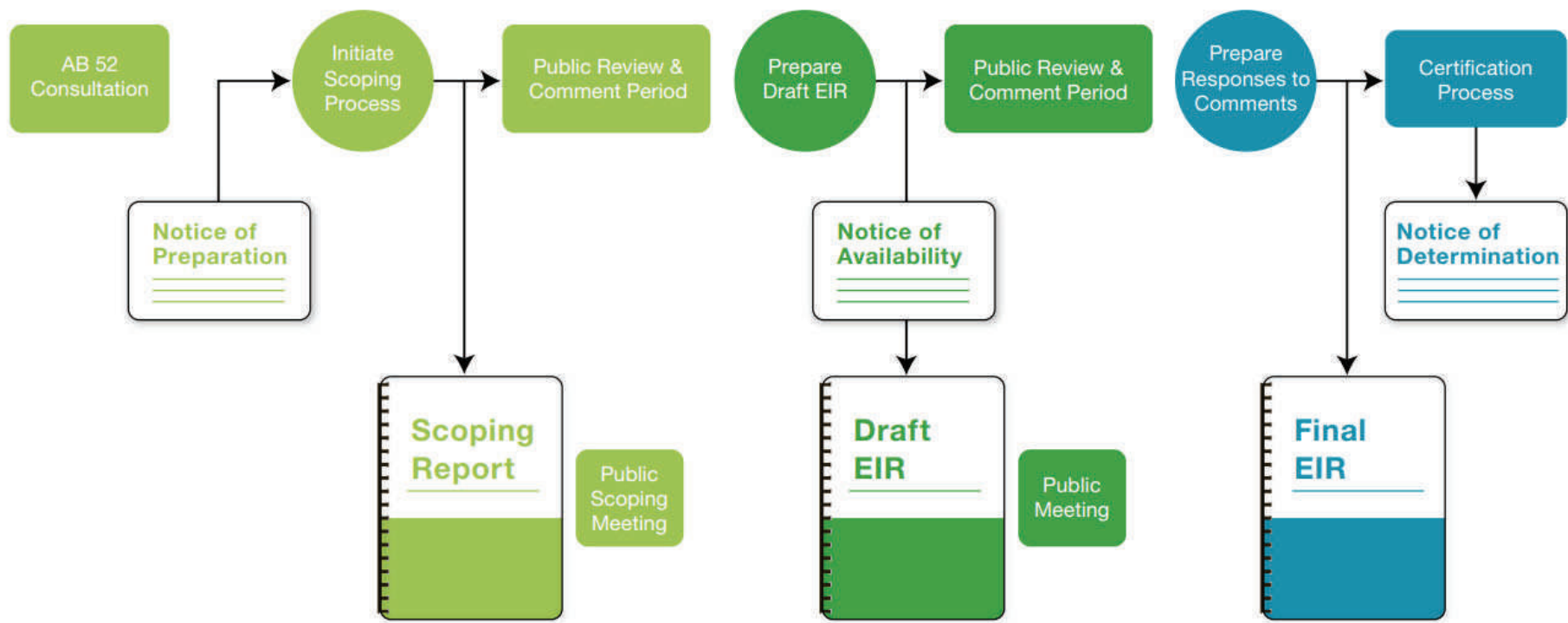
- The Planning Commission acts on the CUP and EIR at the same time and the EIR must be adopted if the CUP is approved.

Land Use and Permitting Process

County staff makes a recommendation to the Commission to approve or deny based on five findings:

1. Adequate size and shape of parcel
2. Adequate roads to the project site
3. No adverse impacts on surrounding property
4. Consistency with the General Plan
5. Required Conditions are necessary to ensure public safety and welfare

Environmental Review: The CEQA Process



Luna Valley Solar Project (EIR 7813)

County Consultation with Tribes

Invited

Accepted

In Progress



Scoping

August 28 – September 28, 2020 at 5 p.m.

Purpose of Scoping

- Solicit input as to the scope and content of the EIR, including potential impacts of concern and mitigation measures or alternatives that should be considered;
- Scoping tells us what we should study, not what the answers are.

Agency Scoping

Public Scoping



Luna Valley Solar Project (EIR 7813)

Scoping

Resources to be Evaluated:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality and Greenhouse Gas Emissions
- Biological Resources
- Cultural and Tribal Cultural Resources
- Energy
- Geology, Soils, and Paleontology
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation
- Utilities and Service Systems
- Wildfire



Luna Valley Solar Project (EIR 7813)

Scoping: Potential Alternatives

- Project Alternatives
 - Reasonable or feasible alternatives to the proposed project or its location
 - Capable of avoiding or substantially lessening any significant project impacts
 - Ok to impede to some degree the attainment of the objectives or be costlier
- No Project Alternative
 - What would be reasonably expected to occur in the foreseeable future if the proposed project were not approved
 - Based on current plans, consistent with available infrastructure and services

Scoping: Potential Alternatives

Reasonable

- The range of alternatives required in an EIR is governed by a “rule of reason” that requires the EIR to set forth only those alternatives necessary to permit a reasoned choice. The alternatives shall be limited to ones that would avoid or substantially lessen any of the significant effects of the project.

Feasible

- Among the factors that may be taken into account when addressing the feasibility of alternatives are site suitability, economic viability, availability of infrastructure, general plan consistency, other plans or regulatory limitations, and whether the proponent can reasonably acquire, control or otherwise have access to an alternative site (or the site is already owned by the proponent)

Scoping: Potential Alternatives

Proposed Project

- Conditional Use Permit 3671
- 200 MW of solar energy generated on approximately 1,300 acres of previously disturbed and irrigation-prohibited land
- Energy Storage System

No Project Alternative

- No Use Permit
- No utility-scale PV solar energy project on the proposed site
- Continued dry-farmed or fallowed land
- Potential for other uses consistent with the General Plan and zoning ordinance

Potential Alternatives

- Reasonable
- Feasible
- Capable of avoiding or substantially lessening significant project impacts

Luna Valley Solar Project (EIR 7813)

Public Participation Opportunities

Participate at this evening's meeting

Submit written comments before 5 p.m. September 28, 2020

Stay informed

Request to receive project notices (via US Post, email or both) from Jeremy Shaw: jshaw@fresnocountyca.gov

Keep an eye on the project website: www.co.fresno.ca.us/EIR

Provide comments on the Draft EIR

Participate in public hearings on the project

For Today

1. One speaker at a time
2. State and spell your name clearly
3. Limit comments to 3 minutes
4. Respect others' opinions
5. Written comments encouraged



Para Hoy

1. Un orador a la vez
2. Pronuncie y deletree claramente su nombre
3. Limite los comentarios a 3 minutos
4. Respete las opiniones de los demás
5. Se recomiendan los comentarios escritos

Scoping Process Participation Guide

Now/ Ahora

By telephone:

- Dial 1 (669) 900-6833 and *9 to “Raise Hand”

Via the Zoom platform:

- Raise Your Hand to be called on
Levante la mano para pedir la palabra
- Submit comment in Q&A box
Envíe comentarios con el botón de “Q&A”

Later/ Luego

By email:

jshaw@fresnocountyca.gov

By electronic comment card/
Por entrega electrónica

<http://www.co.fresno.ca.us/EIR>



The County's Next Steps



Winter 2020/Spring 2021: Prepare the Draft EIR

Spring 2021: Issue Draft EIR for Agency and Public Review

Summer/ Fall 2021: Prepare Responses to Comments

Fall 2021: Issue Final EIR, Hold Planning Commission Hearing

Public Participation Opportunities

Submit written comments before 5 p.m. September 28, 2020

Stay informed

Request to receive project notices (via US Post, email or both) from
Jeremy Shaw: jshaw@fresnocountyca.gov

Keep an eye on the project website: www.co.fresno.ca.us/EIR

Provide comments on the Draft EIR

Participate in public hearings on the project

Thank you for participating





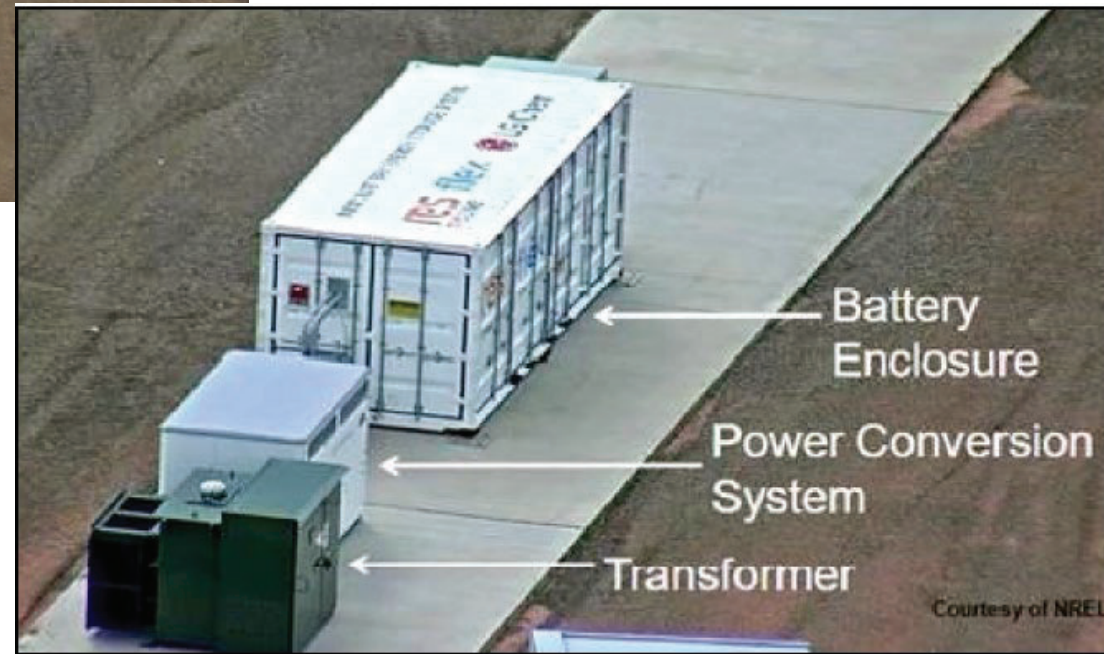
Bifacial Panel



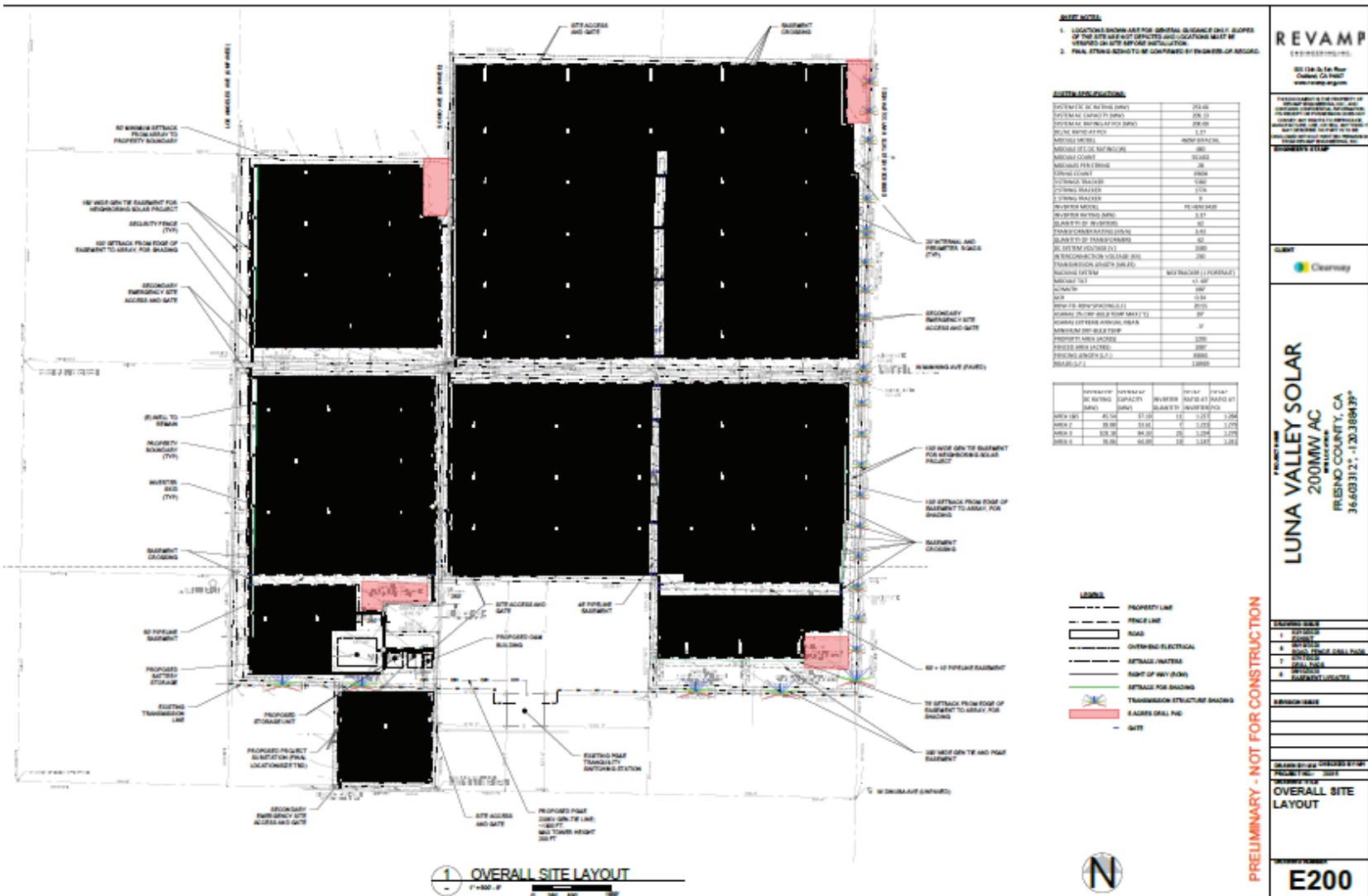
Typical Solar Array Layout and Configuration



TEP Iron Horse Project, AZ
(<https://americas.rwe.com/storage/storage-projects>)



Courtesy of NREL



1 **LUNA VALLEY SOLAR PROJECT**
2 **Public Scoping Meeting Transcript**
3 **September 10, 2020**

4 **Danaka DeBow (ESA)**

5 Welcome! Alright, we're going to get started in a few minutes.

6 Hello and welcome. Thank you for joining us tonight for the Luna Valley Solar Project scoping
7 meeting. We'll get started in just a few minutes while we wait for a few more people to arrive.

8 Thank you for those of you who have joined us already tonight for the Luna Valley Solar Project
9 scoping meeting. We're just going to wait another two or so minutes to get started. While we wait
10 for others to arrive.

11 Alright. Well, again, welcome to the Luna Valley Solar Project scoping meeting for those that
12 you have joined. Note that you are automatically muted and only those on the scoping meeting
13 panel are visible to the other participants. In just a minute we'll have Jeremy Shaw, Fresno
14 County lead planner for this project, walk us through the agenda and provide introductions. First
15 though, we want to let everyone know that after the background material has been presented,
16 there will be an opportunity for you to provide your input. At that point you can participate by
17 either writing your comments, using the Q and A feature found at the bottom of your screen. Or if
18 you'd like, you can speak your comment. To do this, please use the "raise your hand" feature also
19 at the bottom of your screen. We will call upon you, and our producers will unmute you, and then
20 you'll be able to see that. There will be more specific instructions offered when we get to that
21 point, but I want to make everyone aware that there will be that opportunity. So Jeremy, would
22 you like to get started.

23 **Jeremy Shaw (Fresno County)**

24 Yep, thank you. Good evening, I'm Jeremy Shaw with the County of Fresno. And thank you for
25 joining us for this scoping meeting. This evening we will be introducing you to key parties
26 associated with this project. The purpose of this meeting is to provide you with an opportunity to
27 comment on the scope of the environmental review for the project. We will provide a brief
28 description of the conditional use permit process, the environmental review process, and the
29 scoping process, after which we will open the floor for your comments and questions. Any
30 comments made in this meeting will become part of the public record.

1 My contact information is on the screen and will also be available on the County website under
2 this link under the link for this project, which will be provided later during this presentation. Our
3 consultant for this project is ESA, Environmental Science Associates, represented here by Janna
4 Scott. And the applicant for this project is Clearway Energy, represented here by James Kelly,
5 who will be providing you with a brief summary of the project.

6 Thank you again for joining us and we look forward to your comments and questions after the
7 presentations. I will go ahead and turn the meeting over to James.

8 **James Kelly (Clearway Energy)**

9 Thank you. Good evening. My name is James Kelly and I'm a Senior Director of Development
10 with Clearway Energy. Clearway is one of the largest developers and operators of clean energy in
11 the US and we'll be responsible for leading development of the new Luna Valley Solar Project,
12 which we're describing here tonight.

13 The Luna Valley Solar Project consists of constructing and operating a photovoltaic solar
14 electricity generating facility and energy storage system that will produced up to 200 megawatts
15 of alternating current energy at the point of electrical grid interconnection.

16 The 1300 acre site is located in the Central Valley region in the western area of Fresno County.
17 The City of Tranquillity is located approximately nine miles east northeast of the site and the
18 cities of Mendota and San Joaquin are located approximately 10 miles north and east,
19 respectively. Interstate 5 is parallel to the east, the California aqueduct is approximately 11 miles
20 to the west, as well as to the south of the project area.

21 More specifically, the project site is generally down Highway 33 (South Derek Avenue), South
22 San Bernardino Avenue, West South Avenue, and West Dinuba Avenue. West Manning Avenue
23 cuts through the middle of the project area from east to west and South Ohio Avenue cuts through
24 the approximate middle of the project area from the north-south.

25 The project is located on generally flat agricultural land owned by the Westlands Water District.
26 The project parcels have historically to use for non-irrigated dry farming of crops such as wheat
27 and alfalfa. Similar to the adjacent lands on which solar projects are currently operating,
28 Westlands acquired this property as part of the 2002 settlement agreement reached with the
29 federal government. The site is located next to other solar energy generation facilities, including
30 the Tranquillity Solar Project and the Adams East Solar Project. The existing Pacific Gas and
31 Electric Tranquillity Substation is located immediately adjacent to the project site and few
32 residences exist in the general vicinity.

33 As noted previously, the project would generate 200 megawatts AC at the point of
34 interconnection. The project would include a solar energy generating facility, direct current
35 electricity to alternating current electricity power inverters and transformers or power
36 conditioning stations, a project on-site substation, battery energy storage, and an above-ground
37 connection to the PG&E-owned Tranquillity Substation.

1 The solar facility would consist of PV solar modules arranged into arrays, supported by a racking
2 system and tracker units that track the sun. The trackers are organized in rows in a uniform grid
3 pattern or solar array. The proposed project would have multiple solar arrays interconnected to
4 form a utility-scale PV system.

5 The PV solar modules will be constructed of glass encasing crystalline silicon, poly crystalline
6 silicon, or thin-film technology, and will be dark blue, almost black in color. The plant will be
7 designed in accordance with local and state codes and regulations.

8 Individual PV tracker panels would be connected together in a series to create a string of trackers
9 carrying direct current electricity using a combiner box. Inverters in the power conditioning
10 stations convert the DC electricity produced by the tractors to AC electricity, the PCS
11 transformers then step-up the AC electricity to the appropriate collection level voltage. Energy
12 from the project solar arrays will be collected at the project substation and then transmitted to the
13 PG&E-owned Tranquillity Substation via an above-ground PG&E transmission line. To
14 interconnect the solar project, PG&E would extend the footprint of the existing Tranquillity
15 Switching Station north by about 100 feet and construct a new 230 kilovolt transmission line that
16 would extend from the Tranquillity Switching Station to a structure located on the solar project
17 property. Up to four new steel poles approximately 100 feet in height would be required.

18 Another key component of this project is the battery storage. Up to four acres of the project will
19 consist of batteries, which will allow energy to be stored during the day and then reliably
20 delivered to the grid during the evening or during times of peak energy demand. The battery
21 energy storage is expected to be either located adjacent to the substation or distributed throughout
22 the solar array at the inverter equipment pads or tracker rows. If batteries are located adjacent to
23 the substation, they would be contained within steel enclosures similar to a refrigerator-sized
24 cabinet. If distributed throughout the solar array, the energy storage system would likely be
25 contained within metal housings and electrically connected to the inverters at each of the
26 equipment pads.

27 Access to the project area would be through main entrances along West Manning Avenue and
28 Highway 33. Operations and maintenance activities would take place in a new operations and
29 maintenance building.

30 Currently we anticipate construction of the project to begin in 2022 and the facility to begin
31 operations in 2023.

32 **Jeremy Shaw (Fresno County)**

33 Good evening. Again, I'm Jeremy Shaw with the County.

34 A little bit about the conditional use permit process. This CUP application process is the request
35 from the applicant for permission to operate the solar facility. The CUP process occurs in parallel
36 to the environmental impact report (the EIR). While the consultant prepares the EIR, staff
37 considers the project's ability to make the five necessary findings for approving a conditional use

1 permit. Upon publication of the final environmental impact report, the project is scheduled for a
2 hearing before the planning commission.

3 If it's determined that those findings can be made, staff will recommend approval of the
4 conditional use permit to the planning commission at the same hearing were adoption of the EIR
5 is proposed.

6 The five necessarily findings are:

- 7 • That there is enough space on the subject parcel for the proposal to occur
- 8 • That the roads which serve the project site are wide enough and strong enough to support the
9 traffic generated by the project
- 10 • That the project will not have a significant impact on surrounding properties
- 11 • That the project is consistent with the policies of the Fresno County General Plan and
- 12 • Finally, that the conditions placed upon the project are necessary in order to protect the public
13 health safety in general welfare.

14 A summary of Staff's recommendation we will be provided on our website at least 10 days prior
15 to the public hearing. At the Planning Commission, concerns which relate to the operation of the
16 project, rather than the environmental impacts, may be sent to my attention and will be included
17 in this report to the planning commission.

18 I will now turn it over to Janna at ESA to discuss the process.

19 **Janna Scott (ESA)**

20 Good evening. My name is Janna Scott. I'm a director with Environmental Science Associates,
21 consultant to Fresno County for this project.

22 The County is conducting its environmental evaluation in accordance with both the California
23 Environmental Quality Act (or CEQA) and its own environmental rules for the consideration of
24 solar projects.

25 CEQA applies to most public agency decisions to authorize or approve activities that could have
26 a significant adverse impact on the environment. It requires agencies to do four things:

- 27 • To be informed about the potential environmental consequences of their decisions
- 28 • To consider all relevant information before taking action
- 29 • To provide the public with an opportunity to comment on the environmental issues, and
30 finally
- 31 • to avoid or reduce significant effects whenever it is feasible to do so.

32 The CEQA process consists of three main stages. The first stage, shown here in lime green, is the
33 scoping process. This is where we are now right at the beginning. Will take the information

1 learned during the scoping process and apply it during the second stage, shown here in darker
2 green: preparation of the Draft EIR. During the third stage, shown here in blue, the County will
3 invite agency and public comments on the Draft EIR, respond to those comments, and then issue
4 the Final EIR for consideration by the Planning Commission as part of its decision making
5 process for the project as a whole.

6 Among the very first steps in the scoping process, the County consults with California Native
7 American tribes. For this project, the County invited four Tribes to consult back in March. One
8 tribe, the Santa Rosa Rancheria, accepted the invitation. Further discussions are planned.

9 The scoping period opened on August 28. On that date, the notice of preparation was filed with
10 the State Clearinghouse, posted with the County Clerk, published in The Business Journal, posted
11 on the County's website, and also mailed to agencies, interested parties, and property owners
12 within one mile of the project site. The scoping period closes on September 28 at 5pm.

13 During this scoping period, the County will solicit input as to the scope and content of the EIR,
14 including potential impacts of concern and mitigation measures or alternatives that should be
15 considered. Scoping tells us what we should study, not what the answers are. During scoping the
16 County also will seek input from other public agencies that might have permitting authority over
17 the project or jurisdiction over a specific resource, like the California Department of Fish and
18 Wildlife has jurisdiction over species. They also, of course, seek input from you, members of the
19 public.

20 The EIR will evaluate whether the project could negatively affect any of 19 environmental
21 resource areas, all of which are identified in CEQA. At this beginning stage of the CEQA
22 process, the actual environmental impacts of the project are unknown. We will determine what
23 they are based in part on your input during the development of the EIR. Again, we will be
24 evaluating all 19 resource areas. However, part of our task during scoping is to hear from you
25 about which specific impacts merit particular focus. The more specific you can be about your
26 interest in concerns the more helpful your input will be to the County as we develop the EIR.

27 The EIR also will consider potential impacts of alternatives to the project and whether such
28 alternatives to the project could accomplish most of the basic objectives of the project, while
29 avoiding or reducing potential significant effects. To be evaluated in detail, a potential alternative
30 must be reasonable, feasible, capable of avoiding or substantially lessening significant impact. It's
31 okay if a potential alternative impedes to some degree the attainment of the objectives or would
32 be more expensive to implement. Also as part of the alternatives analysis, the County will
33 consider what happens if the project is not approved... In other words, a "no project" alternative.

34 Two definitions are important here: reasonable and feasible. The range of alternatives required in
35 an EIR is governed by what's called a rule of reason. This requires the EIR to set forth only those
36 alternatives that are necessary to present a reasoned choice. They're limited to ones that would
37 avoid or substantially lessen the significant effects of the project. Among the factors that may be
38 taken into account when addressing the feasibility of alternatives, are site suitability, economic
39 viability, the availability of infrastructure, general plan consistency, consistency with other plans

1 or regulatory limitations, and whether the project proponent or applicant can reasonably acquire,
2 control or otherwise have access to an alternative site.

3 The EIR will compare impacts anticipated to result from the proposed project and alternatives to
4 the project. Here, the project consists of issuing a conditional use permit, the 200 megawatts of
5 solar energy that James described generated on approximately 1300 acres, and the energy storage
6 system, and other components described earlier. The “no project” scenario involves no issuance
7 of a CUP; no construction, operation maintenance or eventually decommissioning of a utility-
8 scale photovoltaic solar energy project on the site; and instead the site would continue to be dry
9 farmed, or else left fallow. Other uses that would be consistent with the general plan or zoning
10 ordinance as they exist right now also could occur.

11 So enough about that. Let's hear from you. Here are the ways in which you can participate in the
12 CEQA process. For this project, you can participate in this evening's meeting, you can submit
13 comments before 5pm on September 28, you can stay informed by requesting to receive project
14 notices either in the mail or by email or both (and if you'd like to do that, please email Jeremy).
15 You can also keep an eye on the project website. The County will keep notices and relevant
16 documents posted there. Once the Draft EIR is issued, you can provide comments on it at that
17 time and at the right stage in the process. You also can participate in public hearings on the
18 project.

19 **Danaka DeBow (ESA)**

20 Now are ready to hear from you. Tonight, you can either type or come to the screen. I'll read them
21 out loud, or you can raise your hand so we'll call on you, or the producer will, and you can speak
22 your comment out loud. Some rules to remember: There will be one speaker [at a time]. When
23 you speak, please limit comments [to three minutes]. At the end of this session, you can... And
24 we will continue to provide additional comments, of course. Everyone respect each other's
25 opinions. And again, written [comments] will be read out loud. I'll start with anyone who wants to
26 raise [their hand].

27 **Larry Kass (ESA, interprete)**

28 Si quieren participar, algunas reglas para recordar:

29 Un orador a la vez. Pronuncie y deletree claramente su nombre. Limite los comentarios a 3
30 minutos. Respete las opiniones de los demás, y, se recomiendan los comentarios escritos.

31 **Janna Scott (ESA)**

32 Do you see any hands raised? Okay. We will be here until seven o'clock. If you want to think
33 about your comments, feel free to raise your hand, whenever you like, between now and seven
34 o'clock. Or, if you prefer, you can send your comments in by email or the electronic comment
35 form that's available on the County's website. You can see all of those ways to access project
36 information up on the site.

- 1 Thanks for participating this evening. Once this evening's meeting concludes, here's what
- 2 happens next: We will be preparing the Draft EIR this winter and into the spring, toward issuance
- 3 of the draft for agency and public review in spring of next year. During summer and fall, we will
- 4 be providing an opportunity for agencies and members of the public to review the draft and
- 5 provide comments will be responding to those comments and then issuing the Final EIR for
- 6 consideration by the Planning Commission next Fall.

- 7 Again here ways to participate and we will be here until seven o'clock. Thanks everybody.

EXHIBIT E

Public Scoping Comment Letters

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California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
David Shabazian, Director
801 K Street, MS 18-05
Sacramento, CA 95814
T: (916) 445-9686

08/31/2020

Jeremy Shaw
2220 Tulare Street, 6th Floor, Fresno, CA 93721, USA
jshaw@fresnocountyca.gov

Construction Site Well Review (CSWR) ID: 1012078

Assessor Parcel Number(s): 02806034T, 02806069ST, 02806070ST, 02806071ST, 02806072ST, 02810115ST, 02810117ST, 02810119ST, 02810129ST, 02810158ST, 02810165ST, 02810169ST, 02810172ST, 02810174ST, 02810177ST, 02810159

Property Owner(s): Luna Valley Solar I LLC

Project Location Address: W of State Route 33, N&S of W Manning Ave., Cantua Creek, California, 93608

Project Title: EIR 7813/ CUP 3671 Luna Valley Solar Project - SCH # 2020080488

Public Resources Code (PRC) § 3208.1 establishes well reabandonment responsibility when a previously plugged and abandoned well will be impacted by planned property development or construction activities. Local permitting agencies, property owners, and/or developers should be aware of, and fully understand, that significant and potentially dangerous issues may be associated with development near oil, gas, and geothermal wells.

The Division of Oil, Gas, and Geothermal Resources (Division) has received and reviewed the above referenced project dated 8/31/2020. To assist local permitting agencies, property owners, and developers in making wise land use decisions regarding potential development near oil, gas, or geothermal wells, the Division provides the following well evaluation.

The project is located in Fresno County, within the boundaries of the following fields:

Any Field

In addition to the plugged & abandoned well, there might be pipelines associated to oil and gas production.

Our records indicate there are 1 known oil or gas wells located within the project boundary as identified in the application.

- Number of wells Not Abandoned to Current Division Requirements as Prescribed by Law and Projected to Be Built Over or Have Future Access Impeded by this project: 1
- Number of wells Not Abandoned to Current Division Requirements as Prescribed by Law and Not Projected to Be Built Over or Have Future Access Impeded by this project: 0
- Number of wells Abandoned to Current Division Requirements as Prescribed by Law and



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Projected to Be Built Over or Have Future Access Impeded by this project: 0

- Number of wells Abandoned to Current Division Requirements as Prescribed by Law and Not Projected to Be Built Over or Have Future Access Impeded by this project: 0

The Division categorically advises against building over, or in any way impeding access to, oil, gas, or geothermal wells. Impeding access to a well could result in the need to remove any structure or obstacle that prevents or impedes access including, but not limited to, buildings, housing, fencing, landscaping, trees, pools, patios, sidewalks, roadways, and decking. Maintaining sufficient access is considered the ability for a well servicing unit and associated necessary equipment to reach a well from a public street or access way, solely over the parcel on which the well is located. A well servicing unit, and any necessary equipment, should be able to pass unimpeded along and over the route, and should be able to access the well without disturbing the integrity of surrounding infrastructure.

There are no guarantees a well abandoned in compliance with current Division requirements as prescribed by law will not start leaking in the future. It always remains a possibility that any well may start to leak oil, gas, and/or water after abandonment, no matter how thoroughly the well was plugged and abandoned. The Division acknowledges wells plugged and abandoned to the most current Division requirements as prescribed by law have a lower probability of leaking in the future, however there is no guarantees that such abandonments will not leak.

The Division advises that all wells identified on the development parcel prior to, or during, development activities be tested for liquid and gas leakage. Surveyed locations should be provided to the Division in Latitude and Longitude, NAD 83 decimal format. The Division expects any wells found leaking to be reported to it immediately.

Failure to plug and reabandon the well may result in enforcement action, including an order to perform reabandonment well work, pursuant to PRC § 3208.1, and 3224.

PRC § 3208.1 give the Division the authority to order or permit the re-abandonment of any well where it has reason to question the integrity of the previous abandonment, or if the well is not accessible or visible. Responsibility for re-abandonment costs may be affected by the choices made by the local permitting agency, property owner, and/or developer in considering the general advice set forth in this letter. The PRC continues to define the person or entity responsible for reabandonment as:

1. The property owner - If the well was plugged and abandoned in conformance with Division requirements at the time of abandonment, and in its current condition does not pose an immediate danger to life, health, and property, but requires additional work solely because the owner of the property on which the well is located proposes construction on the property that would prevent or impede access to the well for purposes of remedying a currently perceived future problem, then the owner of the property on which the well is located shall obtain all rights necessary to reabandon the well and be responsible for the reabandonment.



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2. The person or entity causing construction over or near the well - If the well was plugged and abandoned in conformance with Division requirements at the time of plugging and abandonment, and the property owner, developer, or local agency permitting the construction failed either to obtain an opinion from the supervisor or district deputy as to whether the previously abandoned well is required to be reabandoned, or to follow the advice of the supervisor or district deputy not to undertake the construction, then the person or entity causing the construction over or near the well shall obtain all rights necessary to reabandon the well and be responsible for the reabandonment.

3. The party or parties responsible for disturbing the integrity of the abandonment - If the well was plugged and abandoned in conformance with Division requirements at the time of plugging and abandonment, and after that time someone other than the operator or an affiliate of the operator disturbed the integrity of the abandonment in the course of developing the property, then the party or parties responsible for disturbing the integrity of the abandonment shall be responsible for the reabandonment.

No well work may be performed on any oil, gas, or geothermal well without written approval from the Division. Well work requiring approval includes, but is not limited to, mitigating leaking gas or other fluids from abandoned wells, modifications to well casings, and/or any other re-abandonment work. The Division also regulates the top of a plugged and abandoned well's minimum and maximum depth below final grade. CCR §1723.5 states well casings shall be cut off at least 5 feet but no more than 10 feet below grade. If any well needs to be lowered or raised (i.e. casing cut down or casing riser added) to meet this regulation, a permit from the Division is required before work can start.

The Division makes the following additional recommendations to the local permitting agency, property owner, and developer:

1. To ensure that present and future property owners are aware of (a) the existence of all wells located on the property, and (b) potentially significant issues associated with any improvements near oil or gas wells, the Division recommends that information regarding the above identified well(s), and any other pertinent information obtained after the issuance of this letter, be communicated to the appropriate county recorder for inclusion in the title information of the subject real property.

2. The Division recommends that any soil containing hydrocarbons be disposed of in accordance with local, state, and federal laws. Please notify the appropriate authorities if soil containing significant amounts of hydrocarbons is discovered during development.

As indicated in PRC § 3106, the Division has statutory authority over the drilling, operation,



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maintenance, and abandonment of oil, gas, and geothermal wells, and attendant facilities, to prevent, as far as possible, damage to life, health, property, and natural resources; damage to underground oil, gas, and geothermal deposits; and damage to underground and surface waters suitable for irrigation or domestic purposes. In addition to the Division's authority to order work on wells pursuant to PRC §§ 3208.1 and 3224, it has authority to issue civil and criminal penalties under PRC §§ 3236, 3236.5, and 3359 for violations within the Division's jurisdictional authority. The Division does not regulate grading, excavations, or other land use issues.

If during development activities, any wells are encountered that were not part of this review, the property owner is expected to immediately notify the Division's construction site well review engineer in the Inland district office, and file for Division review an amended site plan with well casing diagrams. The District office will send a follow-up well evaluation letter to the property owner and local permitting agency.

Should you have any questions, please contact me at (661) 326-6016 or via email at Victor.Medrano@conservation.ca.gov

Sincerely,

DocuSigned by:
Robert Sharma

4F439F38AE3848A...

Chris Jones

Acting District Deputy



Wells Not Abandoned to Current Division Requirements as Prescribed by Law & Projected to be Built Over or Have Future Access Impeded

The wells listed below are not abandoned to current Division requirements as prescribed by law, and based upon information provided, are projected to be built over or have future access impeded. **The Division expects these wells to be reabandoned in compliance with current California law, prior to development activities.**

API	Well Designation	Operator	Well Evaluations
04019060 75	Coffin 1	Shell Western E&P Inc.	CCR § 1723.5: The hole and all annuli shall be plugged at the surface with at least a 25-foot cement plug. CCR § 1723.2 (a)(1): A minimum 200-foot cement plug shall be placed across all fresh-saltwater interfaces. Drilling & Plugging Details: 1. Drilled Total Depth: 7,407', 9.625" Casing Shoe @ 523', Open Hole (523' - 7,407'), Base of Fresh Water (BFW) @ 2,160', Dry Hole (no oil or gas shows) 2. Surface cement plug (0' - 10'), Casing Shoe cement plug (430' - 545'), BFW cement plug (2,108' - 2,233') Note: No well leak test reported.

Subject: FW: Notice of Preparation: Luna Valley Solar Project - Fresno County EIR 7813
(District ID: 20200727)

From: Shaw, Jeremy <jshaw@fresnocountyca.gov>

Subject: RE: Notice of Preparation: Luna Valley Solar Project - Fresno County EIR 7813 (District ID: 20200727)

... Also, there was a phone call from a property owner in the vicinity named Mayo Ryan who indicated that the information about how some of the property that was acquired by Westlands resulting from the Sumner Peck Ranch suit, was inaccurate. He didn't express any concerns, he just wanted to clarify that some of the property associated with this project may not have been part of that court action. His contact info:

Email: mryan@mayoryan.com

Phone: (559) 304-3121



Jeremy Shaw | Planner

**Department of Public Works and Planning |
Development Services and Capital Projects Division**

2220 Tulare St. 6th Floor Fresno, CA 93721

Main Office: (559) 600-4230 Direct: (559) 600-4207

[Your input matters! Customer Service Survey](#)



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
1325 J STREET
SACRAMENTO CA 95814-2922

September 10, 2020

Regulatory Division (SPK-2020-00675)

Mr. Jeremy Shaw
Fresno County
Department of Public Works and Planning
2220 Tulare Street, Sixth Floor
Fresno, California 93721
jshaw@FresnoCountyCA.gov

Dear Mr. Shaw:

We are responding to your August 28, 2020, request for comments on the Luna Valley Solar Project. This project is identified by your office as an Unclassified Conditional Use Permit Application Number 3671. The approximately 1,300.0-acre project site is located west of State Route 33 and north of West Dinuba Avenue. This project is located in Sections 23-26, Township 15 South, Range 14 East, MDB&M, Latitude 36.60067°, Longitude -120.41083°, near San Joaquin, Fresno County, California.

The Corps of Engineers' jurisdiction within the study area is under the authority of Section 404 of the Clean Water Act for the discharge of dredged or fill material into waters of the United States. Waters of the United States include, but are not limited to, rivers, perennial or intermittent streams, lakes, ponds, wetlands, vernal pools, marshes, wet meadows, some canals, and seeps. Project features that result in the discharge of dredged or fill material into waters of the United States will require Department of the Army authorization prior to starting work.

To ascertain the extent of waters on the project site, the applicant should prepare a wetland delineation, in accordance with the "Minimum Standards for Acceptance of Preliminary Wetlands Delineations" and "Final Map and Drawing Standards for the South Pacific Division Regulatory Program" under "Jurisdiction" on our website at the address below, and submit it to this office for verification. A list of consultants that prepare wetland delineations and permit application documents is also available on our website at the same location.

The range of alternatives considered for this project should include alternatives that avoid impacts to wetlands or other waters of the United States. Every effort should be made to avoid project features which require the discharge of dredged or fill material into waters of the United States. In the event it can be clearly demonstrated there are

Comment Letter C

-2-

no practicable alternatives to filling waters of the United States, mitigation plans should be developed to compensate for the unavoidable losses resulting from project implementation.

If waters of the United States are going to be impacted, the Corps of Engineers must comply with all applicable federal laws. Therefore, cultural resource sites within the defined federal permit area, will need to be evaluated according to the standards of the National Environmental Policy Act. All eligible or potentially eligible cultural resource sites in the permit area will be subject to Section 106 of the National Historic Preservation Act, 1966, as amended. The Corps of Engineers must also comply with the terms and conditions of the Federal Endangered Species Act with regards to our permitting process. The applicant may be required to supply current reports on cultural resources and endangered species for our office to review during the permitting process.

Please refer to identification number SPK-2020-00675 in any correspondence concerning this project. If you have any questions, please contact me at the letterhead address, Room 1350, by email at *Kathy.Norton@usace.army.mil*, or telephone at (916) 557-5260. For more information regarding our program, please visit our website at *www.spk.usace.army.mil/Missions/Regulatory.aspx*.

Sincerely,



Kathy Norton
Sr. Project Manager
California South Section

cc:

Luna Valley Solar I, LLC, 100 California Street, Suite 400, San Francisco, California
94111

Westlands Water District, P.O. Box 6056, Fresno, California 93703
kclark@wwd.ca.gov



FRESNO COUNTY FIRE

PROTECTION DISTRICT

210 South Academy Avenue
Sanger, California 93657
Telephone: (559) 493-4300
Fax: (559) 875-7451
www.fresnocountyfire.org

September 14, 2020

Jeremy Shaw, Planner – Development Services Division
County of Fresno
Fresno County Public Works & Development Services
2220 Tulare Street, Suite A
Fresno, CA 93721

Transmitted by Email to: jshaw@fresnocountyca.gov

RE: **Application Reference #:EIR#7813**
Name of Applicant:LUNA VALLEY SOLAR I, LLC
Address of Project:
City, State & Zip of Project:

Fresno County Fire Protection District (FCFPD) has received notice of the project and will continue to review the project for its potential impacts on the FCFPD.

Application Types

- | | |
|--|---------------------------------|
| Site Plan Review (SPR) | Initial Study Application (ISA) |
| Director Review Application (DRA) | Variance Application (VA) |
| Conditional Use Permit (CUP) | General Plan Application (GPA) |
| Tentative Parcel Map (TPM, TPMW) | Tentative Tract Map (TTM) |
| Pre-Application for Certificate of Compliance (PCOC) | |

All application types stated above **SHALL** comply with California Code of Regulations Title 24 – Fire Code. Prior to receiving your FCFPD conditions of approval for your project, you must submit construction plans to the County of Fresno Public Works and Planning and FCFPD for review. It is the **Applicants Responsibility** to deliver a minimum of **two (2)** sets of plans to the FCFPD.

Comment Letter D

EIR#7813
Page 2 of 2

Your Project/Development may be required to annex into the into Community Facilities District No. 2010-01 of the Fresno County Fire Protection District. Project/Developments included: Single Family Residential (SFR), SFR Properties subdivided into three (3) or more housing units, Multi-Family Residential (MFR) Property, Commercial Property, Industrial Property, and/or Office Property.

Project/Developments will be subject to the requirements of the current Fire Code and Building Code when a building permit or certificate of occupancy is sought.

Before plans are submitted to the Fresno County Fire Protection District, please visit our website at www.fresnocountyfire.org and complete the Fire Permit Application to submit with your plans.

Please Note – requirements for your project may include but are not limited to:


- | | |
|-----------------------------------|--------------------------------|
| Water Flow Requirements | Fire Hydrants |
| Water Storage Requirements | Fire Sprinklers Systems |
| Fire Pumps | Fire Alarm Systems |
| Road Access | Premises Identification |

Please contact the FCFPD at **(559) 493-4359** to schedule an over the counter meeting to receive specific requirements for your project. Failure to schedule an appointment with the FCFPD will affect your ability to obtain final approval for your project.

Sincerely,

MARK A. JOHNSON
District Fire Chief

By



JIM McDOUGALD, DIVISION CHIEF
Fire Prevention

DEPARTMENT OF TRANSPORTATION

DISTRICT 6 OFFICE
1352 WEST OLIVE AVENUE
P.O. BOX 12616
FRESNO, CA 93778-2616
PHONE (559) 488-7396
FAX (559) 488-4088
TTY 711
www.dot.ca.gov



*Making Conservation
a California Way of Life*

September 16, 2020

06-FRE-33-51.7
EIR #7813 LUNA VALLEY SOLAR I PROJECT DRC
SCH# 2020080488

SENT VIA EMAIL

Jeremy Shaw, Planner
Development Services Division
Department of Public Works and Planning
2220 Tulare Street, 6th Floor
Fresno, CA. 93721

Dear Mr. Shaw:

Thank you for the opportunity to review Notice of Preparation (NOP) for a Draft Environmental Impact Report (DEIR) #7813, proposing a 200-megawatt solar-generated power station on 16 parcels with an approximate area of 1,300-acres. The Project is generally bounded to the east by State Route (SR) 33 (South Derrick Avenue), West Dinuba Avenue to the south, South Bernardino Avenue to the west, and West South Avenue to the north, in Fresno County.

Caltrans provides the following comments consistent with the State's smart mobility goals that support a vibrant economy and sustainable communities.

1. Caltrans recommends that the Project pay into the Fresno County Regional Traffic Mitigation Fee or RTMF for on-going development in the vicinity.
2. Proposed Project alternatives to design should avoid direct access to and from SR-33 during all phases of construction and during normal operations.
3. Design and Project alternatives should include the number of employees expected to be on site for each shift and proposed utilities.
4. Caltrans may require that a Transportation Management Plan (TMP) for SR-33 be prepared and will have to be consistent with California's Manual on Uniform Traffic Control Devices (MUTCD). In addition, the TMP may contain a Temporary Traffic Control (TTC) plan that addresses traffic safety and control through the work zone.
5. Any proposed traffic control devices within our State facilities will require an Encroachment Permit. Please have the preparer of the TMP submit the plan for our review and approval. The approval of the TMP must be done prior to the approval of an Encroachment Permit. Additional requirements may arise during the permit process.
6. Components of the Project where adjacent to SR-33 should not encroach into State

"Provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability"

Mr. Shaw- LUNA VALLEY SOLAR PROJECT
September 16, 2020
Page 2

right-of-way. If the project design proposes to encroach into State right-of-way, approval of an Encroachment Permit will be required.

7. An encroachment permit must be obtained for all proposed activities for placement of encroachments within, under or over the State highway rights-of-way. Activity and work planned in the State right-of-way shall be performed to State standards and specifications, at no cost to the State. Engineering plans, calculations, specifications, and reports (documents) shall be stamped and signed by a licensed Engineer or Architect. Engineering documents for encroachment permit activity and work in the State right-of-way may be submitted using English Units. The Permit Department and the Environmental Planning Branch will review and approve the activity and work in the State right-of-way before an encroachment permit is issued. The Streets and Highways Code Section 670 provides Caltrans discretionary approval authority for projects that encroach on the State Highway System. Encroachment permits will be issued in accordance with Streets and Highway Codes, Section 671.5, "Time Limitations." Encroachment permits do not run with the land. A change of ownership requires a new permit application. Only the legal property owner or his/her authorized agent can pursue obtaining an encroachment permit. **Please call the Caltrans Encroachment Permit Office - District 6: 1352 W. Olive, Fresno, CA 93778, at (559) 488-4058. Please review the permit application checklist at:**
<https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmId=TR0402&distpath=MAOTO&brapath=PERM>
8. Upon project approval by the local public agency and prior to an encroachment permit application submittal, the project proponent is required to schedule a "Pre-Submittal" meeting with District 6 Encroachment Permit Office. **Please contact District 6 Encroachment Permit Office at (559) 488-4058 to schedule this meeting.**
9. According to the Caltrans Transportation Concept Report (TCR), this segment of SR 33 in the vicinity of the proposed project is currently a 2-lane conventional highway and ultimately planned to be a 4-lane facility within a total of 110 feet of right-of-way (55 feet from the centerline). Caltrans right-of-way maps shows this segment of SR 33 existing at 100 feet with 50 feet from the centerline on the westside of SR 33.
10. An Irrevocable Offer of Dedication to Caltrans for 5 feet of right-of-way is needed to accommodate the ultimate configuration of SR 33. Dedications should be required by the Lead Agency and should be shown on a revised site plan and forwarded for our review.
11. As development of the project continues, Caltrans requests that progress project plans be submitted to our office for further review. At that time, the Office of Traffic Operations will provide additional comments.

Comment Letter E

Mr. Shaw- LUNA VALLEY SOLAR PROJECT
September 16, 2020
Page 3

If you have any other questions, please call or email Edgar Hernandez at (559) 488-4168
or edgar.hernandez@dot.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Padilla', with a long horizontal flourish extending to the right.

David Padilla
Branch Chief, Transportation Planning – North

Subject: FW: EIR #7813

From: Frank Coelho <frank@casaca.net>
Sent: Thursday, September 24, 2020 10:59 AM
To: Shaw, Jeremy <jshaw@fresnocountyca.gov>
Cc: John Coelho <John@casaca.net>
Subject: EIR #7813

Jeremy,

I represent our family who own parcels 028-101-13 and 028-101-14. These two parcels are bordered on two sides (east & north) by the Luna Valley Solar Project EIR #7813. Historically turns roads have been shared equally by our neighboring land owners. We want to make sure the Luna Valley Solar will have set backs for the fence they will be installing around their solar project adjacent to our parcels.

Could you please advise at your earliest convenience what those setbacks will be. I can be reached at (559) 288-1429 or by email.

Thanks Frank

September 28, 2020

Jeremy Shaw
Fresno County
Department of Public Works and Planning
2220 Tulare Street, Sixth Floor
Fresno, CA 93721

Project: NOP of DEIR 7813 for Luna Valley Solar Project

District CEQA Reference No: 20200727

Dear Mr. Shaw:

The San Joaquin Valley Unified Air Pollution Control District (District) has reviewed the project referenced above from the County of Fresno (County) consisting construction, operation, and ultimately decommission an approximately 200-megawatt alternating current (MWAC) photovoltaic (PV) energy generation project, energy storage system (ESS), and related facilities and infrastructure, to be known as the Luna Valley Solar Project (Project). The Project is located at approximately 2,600 ft. (feet) east of S. Bernardino Avenue, the northern edge is approximately 1,400 ft. south of W. South Avenue, and the southern edge is approximately 1,300 ft. north of W. Dinuba Avenue approximately nine miles west-southwest from Tranquility, CA.

Project Description

The Project consists of 1,300-acre on Westlands Water District-owned lands in western Fresno County. The Project includes construction, operation, and ultimately decommission an approximately 200-megawatt alternating current (MWAC) photovoltaic (PV) energy generation project, energy storage system (ESS), and related facilities and infrastructure. The Project would generate and deliver solar-generated power to the California electrical grid via PG&E's existing Tranquility Switching Station. Construction is anticipated to be approximately 18 months set begin in 2022, and the facility would begin operation in 2023. During construction, vehicles will use existing to utilize existing interior access roads, however these roads may be improved with the addition of an aggregate base or other native material with a soil stabilization material, if necessary. A new 100 by 50 feet operations and maintenance building will be constructed near the southwest corner of the Project.

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585

www.valleyair.org www.healthyairliving.com

The District's initial review of the Project concludes that emissions resulting from construction and/or operation of the Project may exceed the following thresholds of significance: 100 tons per year of carbon monoxide (CO), 10 tons per year of oxides of nitrogen (NOx), 10 tons per year of reactive organic gases (ROG), 27 tons per year of oxides of sulfur (SOx), 15 tons per year of particulate matter of 10 microns or less in size (PM10), or 15 tons per year of particulate matter of 2.5 microns or less in size (PM2.5). The District recommends that a more detailed preliminary review of the Project be conducted for the Project's construction and operational emissions.

Other potential significant air quality impacts related to Toxic Air Contaminants (see information below under Health Risk Assessment), Ambient Air Quality Standards, Hazards and Odors, may require assessments and mitigation. More information can be found in the District's Guidance for Assessing and Mitigating Air Quality Impacts at: https://www.valleyair.org/transportation/GAMAQI_12-26-19.pdf

The District offers the following comments:

1) Project Related Criteria Pollutant Emissions

1a) Project Related Construction Emissions

Construction emissions are short-term emissions and should be evaluated separately from operational emissions. Equipment exhaust, as well as fugitive dust emissions should be quantified. For reference, the District's annual criteria thresholds of significance for construction are listed above.

The District recommends that the County consider the use of the cleanest reasonably available off-road construction practices (i.e. eliminating unnecessary idling) and fleets, as set forth in §2423 of Title 13 of the California Code of Regulations, and Part 89 of Title 40 Code of Federal Regulations as a mitigation measure to reduce Project related impacts from construction related exhaust emissions.

1b) Project Related Operational Emissions

Emissions from stationary sources and mobile sources should be analyzed separately. For reference, the District's annual criteria thresholds of significance for operational emissions are listed above.

1c) Recommended Model

Project related criteria pollutant emissions from construction and operational sources should be identified and quantified. Emissions analysis should be

performed using CalEEMod (**California Emission Estimator Model**), which uses the most recent approved version of relevant Air Resources Board (ARB) emissions models and emission factors. CalEEMod is available to the public and can be downloaded from the CalEEMod website at: www.caleemod.com.

2) Voluntary Emission Reduction Agreement

If the Project is expected to have a significant impact, the District recommends the EIR also include a discussion on the feasibility of implementing a Voluntary Emission Reduction Agreement (VERA) for this Project.

A VERA is a mitigation measure by which the project proponent provides pound-for-pound mitigation of emissions increases through a process that develops, funds, and implements emission reduction projects, with the District serving a role of administrator of the emissions reduction projects and verifier of the successful mitigation effort. To implement a VERA, the project proponent and the District enter into a contractual agreement in which the project proponent agrees to mitigate Project specific emissions by providing funds for the District's incentives programs. The funds are disbursed by the District in the form of grants for projects that achieve emission reductions. Thus, project-specific regional impacts on air quality can be fully mitigated. Types of emission reduction projects that have been funded in the past include electrification of stationary internal combustion engines (such as agricultural irrigation pumps), replacing old heavy-duty trucks with new, cleaner, more efficient heavy-duty trucks, and replacement of old farm tractors.

In implementing a VERA, the District verifies the actual emission reductions that have been achieved as a result of completed grant contracts, monitors the emission reduction projects, and ensures the enforceability of achieved reductions. After the project is mitigated, the District certifies to the Lead Agency that the mitigation is completed, providing the Lead Agency with an enforceable mitigation measure demonstrating that project-specific regional emissions have been mitigated to less than significant. To assist the Lead Agency and project proponent in ensuring that the environmental document is compliant with CEQA, the District recommends the Draft EIR includes an assessment of the feasibility of implementing a VERA.

3) Health Risk Screening/Assessment

A Health Risk Screening/Assessment identifies potential Toxic Air Contaminants (TAC's) impact on surrounding sensitive receptors such as hospitals, daycare centers, schools, work-sites, and residences. TAC's are air pollutants identified by the Office of Environmental Health Hazard Assessment/California Air Resources Board (OEHHA/CARB) that pose a present or potential hazard to human health. A

common source of TACs can be attributed to diesel exhaust emitted from both mobile and stationary sources. List of TAC's identified by OEHHA/CARB can be found at: <https://ww2.arb.ca.gov/resources/documents/carb-identified-toxic-air-contaminants>

The District recommends the Project be evaluated for potential health impacts to surrounding receptors (on-site and off-site) resulting from operational and multi-year construction TAC emissions.

- i) The District recommends conducting a screening analysis that includes all sources of emissions. A screening analysis is used to identify projects which may have a significant health impact. A prioritization, using CAPCOA's updated methodology, is the recommended screening method. A prioritization score of 10 or greater is considered to be significant and a refined Health Risk Assessment (HRA) should be performed.

For your convenience, the District's prioritization calculator can be found at: http://www.valleyair.org/busind/pto/emission_factors/Criteria/Toxics/Utilities/PRIORITIZATION%20RMR%202016.XLS.

- ii) The District recommends a refined HRA for projects that result in a prioritization score of 10 or greater. Prior to performing an HRA, it is recommended that the Project proponent contact the District to review the proposed modeling protocol. The Project would be considered to have a significant health risk if the HRA demonstrates that the Project related health impacts would exceed the District's significance threshold of 20 in a million for carcinogenic risk and 1.0 for the Acute and Chronic Hazard Indices, and would trigger all feasible mitigation measures. The District recommends that Projects that result in a significant health risk not be approved.

For HRA submittals, please provide the following information electronically to the District for review:

- HRA AERMOD model files
- HARP2 files
- Summary of emissions source locations, emissions rates, and emission factor calculations and methodology.

More information on toxic emission factors, prioritizations and HRAs can be obtained by:

- E-Mailing inquiries to: hramodeler@valleyair.org; or
- The District can be contacted at (559) 230-6000 for assistance; or
- Visiting the District's website (Modeling Guidance) at:
http://www.valleyair.org/busind/pto/Tox_Resources/AirQualityMonitoring.htm.

4) Health Impact Discussion

As required by the recent decision in *Sierra Club v. County of Fresno* (2018) 6 Cal.4th 502, a reasonable effort to discuss relevant specifics regarding the connection between potential adverse air quality impacts from the Project with the likely nature and magnitude of potential health impacts. If the potential health impacts from the Project cannot be specifically correlated, explain what is known and why, given scientific constraints, potential health impacts cannot be translated.

5) Cumulative Air Impacts

In addition to the discussions on the topics identified above, the District recommends the EIR also include a discussion of whether the Project would result in a cumulatively considerable net increase of any criteria pollutant or precursor for which the San Joaquin Valley Air Basin is in non-attainment. More information on the District's attainment status can be found online by visiting the District's website at: <http://valleyair.org/aqinfo/attainment.htm>.

6) District Rules and Regulations

The District issues permits for many types of air pollution sources and regulates some activities not requiring permits. A project subject to District rules and regulation would reduce its impacts on air quality through compliance with regulatory requirements. In general, a regulation is a collection of rules, each of which deals with a specific topic. Here are a couple of example, Regulation II (Permits) deals with permitting emission sources and includes rules such as District permit requirements (Rule 2010), New and Modified Stationary Source Review (Rule 2201), and implementation of Emission Reduction Credit Banking (Rule 2301).

The list of rules below is neither exhaustive nor exclusive. Current District rules can be found online at: www.valleyair.org/rules/1ruleslist.htm. To identify other District rules or regulations that apply to this Project or to obtain information about District permit requirements, the applicant is strongly encouraged to contact the District's Small Business Assistance (SBA) Office at (559) 230-5888.

6a) District Rules 2010 and 2201 - Air Quality Permitting for Stationary Sources

Stationary Source emissions include any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. District Rule 2010 requires operators of emission sources to obtain an Authority to Construct (ATC) and Permit to Operate (PTO) from the District. District Rule 2201 requires that new and modified stationary sources of emissions mitigate their emissions using best available control technology (BACT).

This Project may be subject to District Rule 2010 (Permits Required) and Rule 2201 (New and Modified Stationary Source Review) and may require District permits. Prior to construction, the Project proponent should submit to the District an application for an Authority to Construct (ATC). For further information or assistance, the project proponent may contact the District's Small Business Assistance (SBA) Office at (559) 230-5888.

6b) District Rule 9510 (Indirect Source Review)

The purpose of District Rule 9510 is to reduce the growth in both NO_x and PM₁₀ emissions associated with development and transportation projects from mobile and area sources associated with construction and operation of development projects. The rule encourages clean air design elements to be incorporated into development projects. In case the proposed development project clean air design elements are insufficient to meet the targeted emission reductions, the rule requires developers to pay a fee used to fund projects to achieve off-site emissions reductions.

The proposed Project is subject to District Rule 9510 because it will receive a project-level approval from a public agency and will equal or exceed 9,000 square feet of space not identified above. When subject to the rule, an Air Impact Assessment (AIA) application is required prior to applying for project-level approval from a public agency. In this case, if not already done, please inform the project proponent to immediately submit an AIA application to the District to comply with District Rule 9510.

An AIA application is required and the District recommends that demonstration of compliance with District Rule 9510, before issuance of the first building permit, be made a condition of Project approval.

Information about how to comply with District Rule 9510 can be found online at: <http://www.valleyair.org/ISR/ISRHome.htm>.

The AIA application form can be found online at:
<http://www.valleyair.org/ISR/ISRFormsAndApplications.htm>.

6c) Other District Rules and Regulations

The may also be subject to the following District rules: Regulation VIII, (Fugitive PM10 Prohibitions), Rule 4102 (Nuisance), Rule 4601 (Architectural Coatings), and Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations). In the event an existing building will be renovated, partially demolished or removed, the project may be subject to District Rule 4002 (National Emission Standards for Hazardous Air Pollutants).

7) District Comment Letter

The District recommends that a copy of the District's comments be provided to the Project proponent.

If you have any questions or require further information, please contact Keanu Morin by e-mail at keanu.morin@valleyair.org or by phone at (559) 230-5808.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:km

Comment Letter H

From: Peter Allison <pallison@volatility.net>
Sent: Monday, October 05, 2020 6:36 AM
To: Shaw, Jeremy <jshaw@fresnocountyca.gov>
Subject: Energy storage capacity of Luna Valley Solar Project

CAUTION!!! - EXTERNAL EMAIL - THINK BEFORE YOU CLICK

Hi,

I'm reaching out from Volatility – an online business intelligence service for the energy storage community.

Would it be possible to let me know the intended energy storage capacity of the Luna Valley Solar Project, below:

<https://www.co.fresno.ca.us/departments/public-works-and-planning/divisions-of-public-works-and-planning/development-services-and-capital-projects/planning-and-land-use/environmental-impact-reports/eir-7813>

<https://ceqanet.opr.ca.gov/2020080488/2>

Best regards,

Peter Allison
Volatility
Tel: + 44 20 7096 1776
Mob: + 44 7983 335525
E-mail: pallison@volatility.net



EXHIBIT F

Traffic Scoping Meeting Notes

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Inter Office Memo

DATE: July 29, 2020

TO: Aarty Joshi, Clearway Energy
Brian Spaunhurst, Fresno County
Chuck Luna, Tetra Tech
David Padilla, Caltrans
David Randall, Fresno County
Gloria Hensley, Fresno County
Jennifer Merrick, Tetra Tech

FROM: Chrissy Monfette, Development Services and Capital Projects *am*

SUBJECT: Traffic Scoping Meeting Notes
Luna Valley Solar EIR 7813 CUP 3671

- Construction trip estimates appear to be low, confirm that these are based on conservative estimates.
- Include Whitesbridge/180, California Avenue, and Panoche Avenue in the intersection analysis.
- Consider the overlap of other nearby Solar Facilities and plan to coordinate Traffic Management Plans if necessary.
- Additional information may be available in other reports prepared for nearby solar projects
 - Brian Spaunhurst will perform preliminary research to determine which projects could affect the site; Chrissy Monfette will provide copies of documents for those projects.
- Traffic Counts during Covid
 - May not be worthwhile to take new counts – just use the ones from earlier studies
 - May need to prepare a conversion number to estimate actual counts.
 - Uncertain if traffic will return to pre-Covid conditions or if continued telecommuting will result in lighter traffic conditions.
- Both LOS and VMT analysis are required.
 - Thresholds of Significance for VMT have not been adopted by the County.
 - State Guidance can be used; however, it does not apply directly to industrial projects like solar and concentrates more on residential

- TI Analysis may be required; however, Wendy Nakagawa will confirm once she returns to the office.
- No full replacement scenarios are assumed (the lifetime of the panels and batteries will be equal to or greater than the life of the proposed project)
 - Some maintenance of panels and batteries will be required, and some may be replaced as necessary.
- A revised scoping letter shall be submitted, but no additional scoping meeting will be necessary.

If you have any questions, you may reach out to me at cmonfette@fresnocountyca.gov or (559) 600-4245.

Appendix B

Project Description



Appendix B1

Pest Management Plan



INTEGRATED PEST MANAGEMENT PLAN

**Luna Valley Solar Project
Fresno County, California**



FEBRUARY 2020



Luna Valley Solar I, LLC

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ACRONYMS AND ABBREVIATIONS

AC	alternating current
Applicant	Luna Valley Solar I, LLC
IPM	Integrated Pest Management
PPE	Personal Protective Equipment
Project	Luna Valley Solar Project
UCUP	Unclassified Conditional Use Permit

1 INTRODUCTION

1.1 BACKGROUND AND PURPOSE

Luna Valley Solar I, LLC (Applicant) is proposing to develop, own, and operate the Luna Valley Solar Project (Project) in Fresno County, California, 9 miles west-southwest of the city of Tranquility within the unincorporated area of the town of Levis (Figure 1). The Project consists of constructing and operating a utility-scale alternating current (AC) photovoltaic solar generating and energy storage facility that would produce up to 200 megawatts of energy at the point of interconnection on the electrical grid located on approximately 1,300 acres of privately-owned agricultural land (Figure 2). The Project would include the construction of access roads, electrical interconnection, and a Project substation.

The Project area is zoned Exclusive Agriculture AE – 20, Exclusive Agriculture; 20-acre minimum parcel size. Within this zoning district, Fresno County permits utility-scale solar energy uses with an Unclassified Conditional-Use Permit (UCUP). The Applicant selected the Project area based on its previously disturbed nature and close proximity to electrical infrastructure and designed the Project in accordance with state and county regulations.

Upon approval, the UCUP is subject to the Conditions of Approval and Mitigation Measures set forth in the Fresno County Board of Supervisor's Resolution in accordance with the California Environmental Quality Act of 1970 (California Public Resources Code § 21000 et seq.) and the California Code of Regulations (Title 14 § 15000 et seq.).

This Integrated Pest Management (IPM) Plan has been prepared to comply with the Project's anticipated Fresno County UCUP. The following pest-control measures were developed for the purpose of minimizing the likelihood of pests within the Project site and maximizing the ability to reduce the current (if present) pest population.

1.2 KEY COMPONENTS OF THE PROJECT

Upon completion of construction, the Project is planned to include the following key components:

- Solar field with arrays of photovoltaic modules that are up to 13 feet in height, arranged in rows with center-to-center spacing of approximately 230 feet, and mounted on single-axis trackers designed to optimize power production of the modules by ensuring proper orientation to the sun both daily and seasonally;
- Approximately 70 power conditioning stations that convert the direct current electricity from the solar array to AC and accumulate the AC electricity to an appropriate collection level voltage for movement to the Project substation and eventual delivery to the electrical grid;
- On-site Project substation and associated control room, located in the southwest corner of the Project site, with transformers, breakers, switches, meters, and other related equipment;
- Energy storage system in the southwest corner of the Project site, adjacent to the Project substation;
- Access roads including interior and perimeter access roads approximately 20 feet wide;
- Perimeter fencing 7 feet tall with one foot of three-strand concertina and access gates around entry points;
- Telecommunications interconnection at the Project substation;
- Meteorological data collection systems mounted at various locations to determine the optimal angle of the solar modules;
- Signage to allow for the identification of the Project owner and for safety and security purposes;

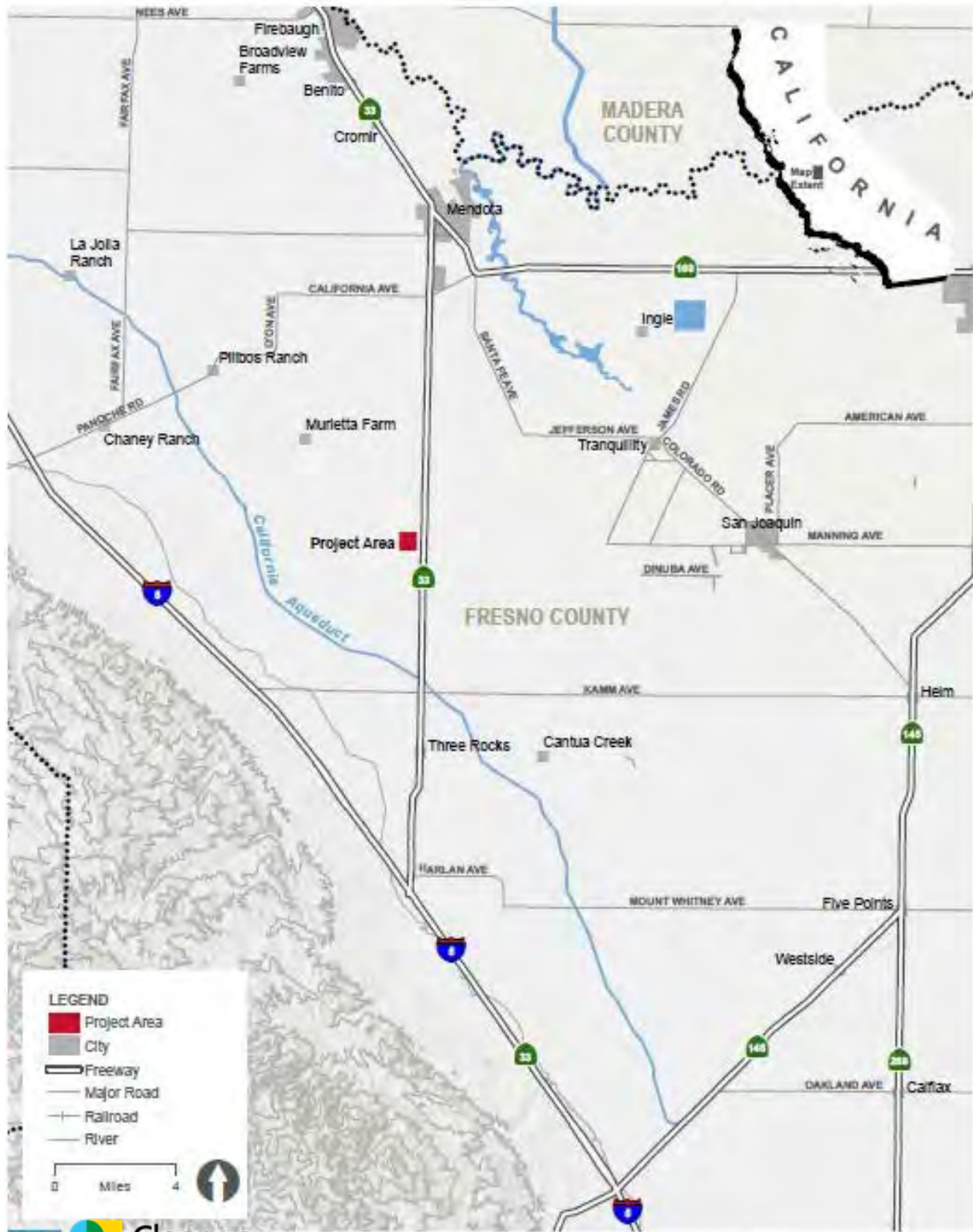
- Lighting to allow for ongoing maintenance and security;
- Stormwater facilities designed to follow the natural drainage pattern; and
- Other infrastructure including an operations and maintenance building and sanitary facilities.

The Project site is within an unincorporated area of the Central Valley and generally bound by flat, agricultural lands and other solar energy facilities. The nearest city is Tranquility, approximately 9 miles to the east-northeast. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of Project area. The cities of Mendota and San Joaquin are approximately 10 miles north and east of Project area, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project area.

More specifically, Highway 33 (S. Derrick Avenue) makes up the eastern boundary of the Project area. The western edge of the Project area is approximately 2,600 feet east of South San Bernardino Avenue, the northern edge is approximately 1,400 feet south of W. South Avenue, and the southern edge is approximately 1,300 feet north of W. Dinuba Avenue. W. Manning Avenue cuts through the approximate middle of the Project area from east to west and S. Ohio Avenue cuts through the approximate middle of the Project area from north to south.

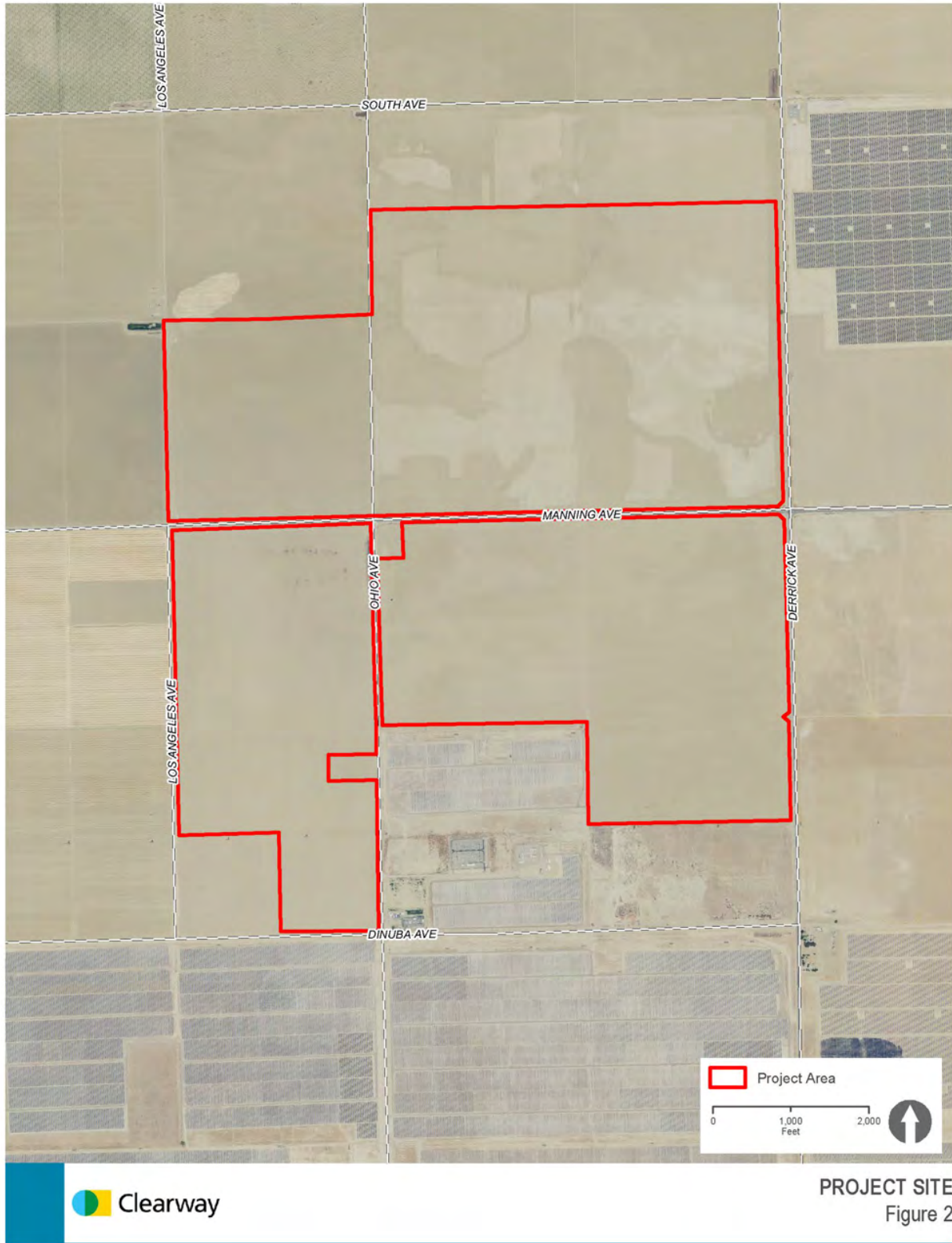
The Project site is entirely within the U.S. Geological Survey 7.5-minute topographic quadrangle of Levis. The Project area is located within Township 15 South, Range 14 East, Sections 23, 24, 25, and 26. The Project site is located approximately within the latitudes of 36.59° and 36.61° and within the longitudes of -120.39° and -120.42° (in decimal degrees). The Project area centroid is located at approximately latitude/longitude 36°36'12"N/120°24'05"W (WGS1984).

Figure 1. Project Location



PROJECT LOCATION
FIGURE 1

Figure 2. Project Site



2 PEST MANAGEMENT GOALS

This IPM Plan has been prepared to comply with the Project's anticipated Fresno County UCUP. The following pest-control measures are based on widely accepted IPM protocols and were developed for the purpose of minimizing the likelihood of pests (including weeds) within the Project site and maximizing the ability to reduce the current (if present) pest population. The IPM Plan will focus on keeping the Project area's pest population under control.

3 STRATEGY

This IPM Plan promotes the use of a range of preventative and non-chemical approaches to control pest populations and stave off infestation. If an infestation with unacceptable impacts occurs, thereby warranting additional treatment, IPM protocol favors the use of least-toxic pesticides. The targeted application of a toxic pesticide is allowed only after all other reasonable non-toxic options are exhausted. This plan outlines preventative best practices and pest control strategies. Provisions for the use of least-toxic pesticides, and toxic chemicals when necessary, are outlined should a pest infestation occur.

4 PERFORMANCE MEASUREMENTS, QUALITY ASSURANCE, AND CONTROL

The environmental performance of the IPM Plan shall be compiled from IPM records and analyzed on an annual basis. An IPM report identifying the types of pest problems encountered on site and the types and quantities of all pesticides used shall be generated by Project personnel for review. The following metrics shall be tracked throughout the year and documented in the report to evaluate the IPM Plan:

1. The severity and location of all major pest infestations
2. The amount of each pesticide product used by volume

Routine inspection and monitoring are to be performed by designated Project personnel. Particular attention will be paid to problem areas, referring to the IPM log for guidance. The overall IPM program will be reviewed on an annual basis.

5 RESPONSIBLE PARTIES

The Operations Manager is responsible for monitoring consistent and correct implementation of the IPM Plan. The Project is responsible for record keeping and performance measurement. The compiled records from all parties will be synthesized as part of an annual IPM Plan review

6 PRACTICES

The following sections include general and specific chemical, manual, and cultural pest control strategies. Pest control chemicals other than glyphosate (e.g. Roundup) and pelargonic acid (e.g. Scythe) can only be applied by a credentialed applicator in the state of California and it is necessary to confirm that the applicator has all the necessary federal, state, and local agency permits.

6.1 WEED CONTROL PRACTICES

Chemical pesticides are seen as a last resort under the tenets of IPM. Mechanical and chemical methods are time consuming and costly. Preventative strategies are the safest, most environmentally sound, and most cost-effective weed control practice.

6.1.1 Weed Prevention

Preventative strategies to control the spread of weed seed within the Project area include the following:

- Clean all vehicles inside and out at a commercial washing station, this will prevent weed seeds that are carried in tire treads, etc. from being carried onto the property.
- If disturbed ground is not otherwise stabilized, revegetation may be used on portions of the disturbed ground with a County approved native perennial seed mix that is certified as a weed free seed by the vendor. This will help prevent any windblown weed seed from landing on bare soil and germinating.
- Limit ground disturbance to reduce the amount of bare soil and potential for the weed seed to germinate.

6.1.2 Mechanical Controls

Mechanical strategies to remove existing and new weed populations include the following:

- Regular inspections of the property should be made to identify weeds before they go to seed.
- Remove weed species when identified. This can be done by pulling the entire plant out of the soil and disposing of it. It is especially important to remove weeds before the seed head matures.
- Handheld string trimmers (Weed Eaters) or mowers can be used in the larger open spaces if needed but those activities should be timed before the weeds develop seed heads.

6.1.3 Chemical Controls

Chemical pesticides are to be used by Project personnel after non-chemical options have been exhausted, with a preference for use of a low risk pesticide. Low risk pesticides are determined by hazard screening to be of "lowest concern," because the product contains:

- No known, likely, or probable carcinogens
- No reproductive toxicants (CA Prop 65 list)
- No ingredients listed by the U.S. Environmental Protection Agency as known, probable, or suspect endocrine disrupters
- Active ingredients have a soil half-life of thirty days or less
- Labeled as not toxic to fish, birds, bees, wildlife, or domestic animals

6.2 GENERAL ANIMAL CONTROL PRACTICES

The most important aspect of animal control is trash management. Good sanitation practices will reduce habitat and food sources for pests. Trash containers should be rodent proof and areas around trash containers should be free of spillage or garbage to prevent the collection of trash or debris on the ground on or around the containers. Trash containers should be kept clean, free of odors, and covered at all times.

The following practices are designed to help prevent unwanted animals from gaining access to buildings on site:

- Monthly visual inspections of outside and interior walls as well as any attic space.
- Maintain the building exterior in good repair with no holes or openings larger than 0.25-inch including, but is not limited to, windows, doors, fans, vents, etc., to keep pests from entering the building.
- Address any deficiencies in the building exterior with corrective measures, i.e., cementing, screening, caulking, installing stripping on door bases, etc.
- Maintain door sweeps on all applicable doors to produce a good seal to the ground.

- Keep grounds free of high weeds, trash, old equipment and debris, as these conditions create ideal harborage for rodents.
- Water used for dust abatement will be minimized, as allowed by Fresno County, and managed to prevent puddles forming that may attract rodents.

6.3 RODENT CONTROL PRACTICES

In addition to the general animal control practices listed above, it is recommended that the following practices be implemented specifically for rodent control:

- Visual surveys should be conducted weekly to determine if rodent infestations are occurring, the source of the problem, and the conditions that encourage the infestation.
- Remove food sources.
- Eliminate places of refuge.
- Openings in building foundations and walls should be closed or screened with wire mesh that has holes not more than 0.25-inch wide. Where pipes enter masonry, force heavy hardware cloth or steel wool into the opening, then fill it with concrete.
- Continuous surveillance is necessary and places where rodents have been gnawing to gain entry to a building should be sealed with metal flashing.
- Doors are particularly vulnerable to rodent entry so ensure that external doors and windows close tightly with no gaps at the bottom.
- Materials stored in the open, in sheds or in buildings should be stacked at least 1 foot above the ground.

If the rodent populations need to be actively managed and the infestation is indoors, snap traps or battery-operated traps that generate high voltage once the rat or mouse is inside are the most efficient control method. Rodent populations are not expected to become an issue at the outdoor solar arrays, there is little in the way of habitat and food and natural predators are likely present. If the above methods of rodent control fail, the last resort is to use a rodenticide.

Rodenticides will be limited to zinc phosphide because of its proven lower risk to the San Joaquin Kit Fox. Bait stations shall be enclosed so the opening is accessible for the target rodent, but the opening should be at an elevated angle so that the bait stays inside the trap at all time.

6.4 CHEMICAL APPLICATION PROCESSES

All chemical application and advice on pest management problems will be made by a licensed pest control company, particularly in the creation of a customized treatment plan which may require detailed knowledge of the biology and ecology of a particular species. No herbicides should be stored on the property and a specialist must prepare the chemicals off-site to limit the chances of a spill. Herbicides are not to be sprayed within the buffer zone on any sensitive resource area without prior authorization from the appropriate regulatory agency.

6.4.1 Contractor Requirements and Spill Control

All contractors responsible for herbicide use, transport, application, and control at the site will hold the appropriate certifications. Such certifications shall be made available. Contractors transporting herbicides to the site shall also have legible Safety Data Sheets and labels on site.

Spill kits will be available on site and must be carried in herbicide contractor vehicles. If a spill or inadvertent release occurs the following protocol should be followed:

- Notify the Operations Manager and the appropriate regulatory agencies immediately.
- Secure the affected area barring pedestrian and vehicle traffic.

- All spill response personnel shall put on the appropriate Personal Protective Equipment (PPE) prior to entering the spill containment area.
- Personnel, while wearing the appropriate PPE and equipped with the necessary tools and equipment, shall stop the herbicide leak or release.
- All materials associated with spill response, including the released herbicide, affected soils and plants, absorptive material, clothing, and PPE shall be removed and containerized according to appropriate regulations and procedures.
- All generated spill response containers shall be transported, following appropriate regulations, and disposed legally at an approved disposal facility.

6.4.2 Application Procedures

Chemical pesticide applications on site will occur using the following general best management practices:

- Time the treatment to coincide with the presence of the pest.
- Use a selective chemical that has the least effect on non-target species and treat only the area affected.
- Spraying must not be carried out in unsuitable weather. Anyone operating sprayers must have access to a wind-speed meter and only spray when the wind speed is less than 10 miles per hour.
- Hours of work must be controlled so that neighbors are not exposed.
- Spray equipment must be frequently checked and properly maintained, both for health and safety reasons and to minimize spray drift.
- Users must wear protective clothing appropriate to the pest chemical application used.
- Ensure that anyone handling toxic chemicals never works alone and that the work area is well-ventilated.
- Require respirators for outdoor spraying or dusting of organic phosphorus compounds.
- Eating, drinking and smoking must be prohibited when using or handling chemicals.
- Users must be familiar with the effects on the body of the chemicals they are likely to be using, and how the chemicals may enter the body.
- Users must be aware of the signs and symptoms of acute poisoning related to chemicals they are using. They must stop work if they are feeling ill and seek medical advice.

7 RECORD KEEPING – IPM LOG

Monitoring the effectiveness of the IPM Plan over time requires diligent tracking of several items: pest populations and locations; management strategies employed; quantities and types of chemicals and products used; and the outcome of pest management activities. The Project Operations Manager shall maintain records in an IPM logbook that include the information below.

1. Notification to neighbors and others who may be affected: date, time method
2. Date, time and location of pesticide application
3. Target pest
4. Identify threshold for treatment (acres or number of animals)
5. Prevention and other non-chemical methods of control used
6. Type and quantity of pesticide used, including trade name and active ingredient
7. Summary of results
8. Name of the pesticide applicator
9. Application equipment used

Appendix B2

Reclamation Plan



RECLAMATION PLAN

**Luna Valley Solar Project
Fresno County, California**



February 2020



Luna Valley Solar I, LLC

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ACRONYMS AND ABBREVIATIONS

AC	alternating current
Applicant	Luna Valley Solar I, LLC
DC	direct current
kV	kilovolt
Project	Luna Valley Solar Project
PV	photovoltaic

1 CURRENT AND PROPOSED CONDITIONS

1.1 INTRODUCTION

This document has been prepared for the review and approval of Fresno County Department of Public Works and Planning. The objective of this Reclamation Plan is to describe the reclamation activities associated with the Luna Valley Solar Project (Project) following cessation of the Project’s operations or the abandonment of the Project. The facility is intended to operate for 35 years or more. The general decommissioning approach will be the same whether a portion of the Project or the entire Project is decommissioned.

Most parts of the proposed system are recyclable. Modules typically consist of silicon, glass, and an aluminum frame. Tracking systems typically consist of steel and concrete, in addition to motors and control systems. All of these materials can be recycled.

Numerous recyclers for the various materials to be used on the Project site operate in Fresno and other nearby counties. Metal, scrap equipment, and parts that do not have free-flowing oil can be sent for salvage. Equipment containing any free-flowing oil would be managed as waste and would require evaluation. Oil and lubricants removed from equipment would be managed as used oil, which is a hazardous waste in California. Decommissioning would comply with federal, state, county and other local standards and all regulations that exist when the Project is shut down.

1.2 PRESENT USE

The site has historically been used for dry-farmed (non-irrigated) agriculture (low-yield production of winter wheat and oats) and has been used for this purpose for the last 10 years. Agricultural land in this area has been documented to contain relatively high levels of selenium and a water table that does not provide sufficient drainage for commercially irrigated crops. During years in which rainfall is insufficient to produce crops, the land is grazed as rangeland grasses. Currently, some portions of the Project area lie fallow while the majority of the area is used to grow livestock fodder such as alfalfa.

Only one parcel (Assessor’s Parcel Number 028-60-72ST) has a well. The well is located at 36° 36’ 13.22” N/120° 24’ 22.67” W. However, the well is currently non-operational and the water table is estimated at 995 feet below the surface of the ground. All other water used within the Project site parcels is provided from the water district.

Table 1. Historic Land Use

Assessor’s Parcel Number	Historical Ag Use (if none within past 10 years, specify what was last in ag use)	Crop Types (10 years)	Source of water for parcel (irrigation district, well(s), conjunctive system)	Well Onsite?
028-060-34T	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-060-69ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-060-70ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-60-71ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-60-72ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	Yes

Assessor's Parcel Number	Historical Ag Use (if none within past 10 years, specify what was last in ag use)	Crop Types (10 years)	Source of water for parcel (irrigation district, well(s), conjunctive system)	Well Onsite?
028-101-15ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-17ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-19ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-29ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-58ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-65ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-69ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-72ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-74ST	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No
028-101-77	Fallowed Dry Farmed non irrigated	Wheat, alfalfa seed, Grazing	Irrigation District	No

Source: Westland Water District

1.3 PROPOSED ALTERNATIVE USE

Luna Valley Solar I, LLC (Applicant) is proposing to develop, own, and operate the Project in Fresno County, California, located 9 miles west-southwest of the city of Tranquility within the unincorporated area of the town of Levis. The Project consists of constructing a utility-scale alternating current (AC) photovoltaic (PV) solar power generating farm that would produce up to approximately 200 megawatts of energy at the point of interconnection and include battery storage on approximately 1,300 acres of privately-owned agricultural land. The Project would include the construction of access roads, electrical interconnection, and a Project substation.

The Project area is zoned AE-20, Exclusive Agriculture; 20-acre minimum parcel size. Within this zoning district, Fresno County permits utility-scale solar energy uses with an Unclassified Conditional-Use Permit. The Applicant selected the Project area based on its previously disturbed nature and close proximity to electrical infrastructure and designed the Project in accordance with state and county regulations.

1.3.1 Key Components of the Project

Upon completion of construction, the Project is planned to include the following key components:

- Solar field with arrays of PV modules;
- Inverters, combiners, and transformers;
- Overhead and buried conduits;
- On-site medium-voltage (34.5 kilovolt [kV]) collection lines;
- Project substation;

- Aboveground generation-tie line with poles approximately 175 feet in height;
- Energy storage system;
- On-site unpaved access roads;
- Security fencing located along the site perimeter; and
- Construction laydown areas, equipment, and structures
- On-site Operations and Maintenance building.

1.4 DURATION OF ALTERNATE USE

The Project has an expected useful life of 35 years and is expected to be operational in 2023 and remain in operation through 2058. It is possible that the useful life of the Project could be extended through maintenance of existing equipment or with equipment replacement and could remain in operation beyond 2058.

1.5 OWNERSHIP OF THE PROPERTY

The land is currently owned by Westlands Water District, and is under a purchase option agreement with the Applicant, Luna Valley Solar I, LLC who intends to purchase the land prior to starting Project construction.

2 EQUIPMENT DISMANTLING AND REMOVAL

2.1 RECLAMATION TIMELINE

Pre-dismantling activities include de-energizing and isolating the Project from external electrical lines and delineated staging areas. As reclamation and equipment removal can take a year or more, access roads, fencing, and electrical power may temporarily remain in place for use by the reclamation and restoration workers until no longer needed.

2.2 GENERAL ENVIRONMENTAL PROTECTION

Environmental protection and mitigation measures would be implemented during Project reclamation and restoration, similar to measures taken during construction and operations. Reclamation will attempt to maximize the recycling of all facility components. Specific opportunities for recycling (e.g., PV solar modules) are discussed below in the context of various site components. The individual Project components to be reclaimed will be recycled to the maximum extent practical. The general reclamation approach will be the same whether a portion of the Project or the entire Project is reclaimed.

2.3 MANAGEMENT OF HAZARDOUS WASTE AND EXCESS MATERIALS

The management of wastes and excess materials will be in accordance with local, state, and federal laws. Hazardous wastes are not anticipated to be on site. If hazardous wastes do occur on site, they will be removed and disposed of in accordance with local, state, and federal laws.

2.4 EQUIPMENT DISMANTLING AND REMOVAL

2.4.1 Site Plan

A site plan showing the locations of all equipment, structures, above and underground utilities, fencing, and buffer areas has been attached to this document (Attachment 1).

2.4.2 PV Module Collection and Recycling

The PV solar modules and rack supports will be removed in their entirety from the site using cranes, dump trucks, and flat-bed and rear-loader garbage trucks. The support posts will be removed by excavators with attachments. Cranes may be required to remove equipment with concrete foundations. The demolition debris and removed equipment may be cut or dismantled into pieces that can be safely lifted or carried with the on-site equipment being used. The majority will be processed for transportation to an offsite recycling center. All steel, copper, and aluminum will be recycled.

The PV modules will be de-energized and dismantled from the torque tubes. The modules will then be collected into rear-loading trucks and will be redeployed into a secondary market. All salvageable material will be removed from the Project site for resale or scrap.

2.4.3 Electrical Equipment

Electrical equipment including inverters, transformers, cables, overhead lines, and substation infrastructure will be reclaimed in accordance with local, state, and federal laws and all required permits will be obtained, as needed.

The inverters that convert direct current (DC) power to AC power and medium voltage transformers that increase the AC power voltage to 34.5 kV will also be dismantled and removed by cranes and flat-bed trucks. Insulating vegetable oil from the medium voltage transformers will be drained, removed from the site, and recycled or disposed of at an appropriately licensed disposal facility. The underground 34.5 kV cable/collection lines will be cut off and remain in place, or removed and recycled, as well as all AC and DC electrical wiring. All cables and wiring to be left in place will be cut off at a depth of 2 feet below grade.

2.4.4 Roads, Parking Area, and Substation Yard

On-site roads will remain in place to accomplish reclamation. At the time of reclamation, if the landowner determines that some of these roads will be beneficial for future use of the site, those roads may remain after reclamation. Roads that will not be re-used will be restored to preconstruction conditions. For the paved access driveways and parking area, pavement will be broken up and removed to an appropriate disposal site. If soils are significantly compacted, they will be restored using a disking method. The ground surface will be restored and revegetated to pre-construction conditions. Should areas need to be leveled, clean topsoil will be imported to the site by truck.

2.4.5 Other Components

Other components that will be removed during reclamation may include surface drains, road culverts, and fencing. These components will be recovered, used, or recycled as possible; those that cannot be recycled will be disposed of according to local, state, and federal laws. The chain link fence and gates surrounding the Project may be retained for safety and security purposes. Once other major reclamation activities are complete, the fencing will be removed and recycled.

2.5 SITE RESTORATION

The goal of Project restoration is to return the land to a condition where the current practice of dryland farming is possible. Photographs of the existing site are included as Attachment 2. Restoration will include the following actions:

- Project drainage features will be restored using suitable fill material.
- Roads, parking areas, and substation will be removed and restored to their pre-construction conditions and topography.
- Soils will be de-compacted using a disking method, as needed.
- As needed, topsoil will be used to restore suitable conditions for vegetation growth.
- The site will be reseeded using a mix that contains native species if the decision is made to return to rangeland or to winter wheat if the decision is made to return to cropland; the seed mix may be determined in consultation with Fresno County or local experts. If site restoration through reseeded is not feasible due to lack of water/drought or other environmental factors, Luna Valley will work with the County to identify and implement an alternate solution.
- Reseeding will be accomplished by broadcast using manually operated cyclone-type bucket spreaders, mechanical seed spreaders, blowers, hydroseeders, rubber-tired all-terrain vehicles equipped with mechanical broadcast spreaders, or other similar or more effective measures.

3 RECLAMATION COST ESTIMATES

The estimated costs for reclamation of the Project are shown below in Table 1. These costs are based on costs for measures to dismantle the facility, dispose of Project components, and make the Project site suitable for agricultural use following cessation of the Project's operations or the abandonment of the Project.

Table 1. Decommissioning Cost Estimate

Reclamation Item	Cost	Labor				Equipment			
	Total	Employees	Hours	Labor Rate	Subtotal	Type	Hours	Rates	Subtotal
Onsite oils and lubricants removed	\$ 17,500	2	300	\$ 50	\$ 15,000	Container	2	\$1,250	\$ 2,500
Substation components removed	\$ 49,630	4	630	\$ 75	\$ 47,250	Low bed truck	68	\$ 35	\$ 2,380
Electrical conduit removed	\$ 291,325	9	3700	\$ 75	\$277,500	Flat bed truck	395	\$ 35	\$ 13,825
PV modules removed and recycled	\$ 272,175	10	5069	\$ 50	\$253,450	Flat bed truck	535	\$ 35	\$ 18,725
PV modules support H-beams	\$ 303,750	10	4430	\$ 50	\$221,500	Backhoe	470	\$ 175	\$ 82,250
Electrical and electronic devices	\$ 112,750	5	970	\$ 75	\$ 72,750	Backhoe/Crane	100	\$ 400	\$ 40,000
Fencing, gates removed	\$ 151,625	4	1275	\$ 40	\$ 51,000	Backhoe	575	\$ 175	\$100,625
Roads, pathways, and other	\$ 60,800	4	595	\$ 40	\$ 23,800	CAT/backhoe	185	\$ 200	\$ 37,000
Site disced for revegetation	\$ 83,000	4	500	\$ 40	\$ 20,000	CAT/water truck	420	\$ 150	\$ 63,000
Total	\$1,342,555				Labor Total \$982,250				Equipment Total \$360,305

4 NOTIFICATION TO OWNERS OF RECORD

Westland Water District has explicitly given permission for the submission of all documents pertaining to the Conditional Use Permit including this Reclamation Plan. A copy of this signed document has been attached to this Reclamation Plan (Attachment 3).

Appendix C

Aesthetics: Visual Impact Assessment



VISUAL IMPACT ASSESSMENT

**Luna Valley Solar Project
Fresno County, California**



January 8, 2021

 **Clearway**
Luna Valley Solar I, LLC

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ACRONYMS AND ABBREVIATIONS

AC	alternating current
Applicant	Luna Valley Solar I, LLC
BLM	U.S. Bureau of Land Management
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
DC	direct current
ESS	energy storage system
KOP	key observation point
kV	kilovolt
O&M	operations and maintenance
PCS	power conditioning station
PG&E	Pacific Gas and Electric
Project	Luna Valley Solar Project
PV	photovoltaic
VRI	Visual Resource Inventory
VRM	Visual Resources Management
Westlands	Westlands Water District

1.0 OVERVIEW

Luna Valley Solar I, LLC (Applicant) is proposing to develop, own, and operate the Luna Valley Solar Project (Project) in Fresno County, California, 9 miles west-southwest of the city of Tranquillity within the unincorporated area of Levis (Figures 1, 2, and 3). The Project consists of constructing and operating a photovoltaic (PV) solar electricity generating facility and energy storage system (ESS) and associated infrastructure that would produce up to 200 megawatts of alternating current (AC) energy at the point of electrical grid interconnection on approximately 1,300 acres of privately owned agricultural land (Figure 2) in western Fresno County. The Project would include the construction of solar arrays, an electrical substation and associated electrical interconnection facilities, an ESS, and other necessary infrastructure, including an operations and maintenance (O&M) building, septic system and leach field, a supervisory control and data acquisition system, a meteorological data system, buried conduit for electrical wires, overhead collector lines, on-site access roads, and security fencing.

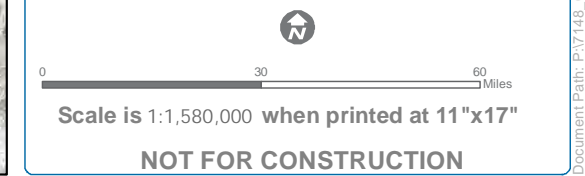
The Project area is zoned Exclusive Agriculture AE – 20, Exclusive Agriculture; 20-acre minimum parcel size. Within this zoning district, Fresno County permits utility-scale solar energy uses with an Unclassified Conditional Use Permit. The Applicant selected the Project site based on its previously disturbed nature and proximity to electrical infrastructure and designed the Project in accordance with state and county regulations.

Tetra Tech, Inc. was retained by the Applicant to perform a Visual Impact Assessment for the Project. This Visual Impact Assessment was prepared to identify and evaluate the potential visual and aesthetic impacts associated with construction and operation of this Project.

*Luna Valley Solar
Fresno County, CA
Figure 1: Regional Overview*

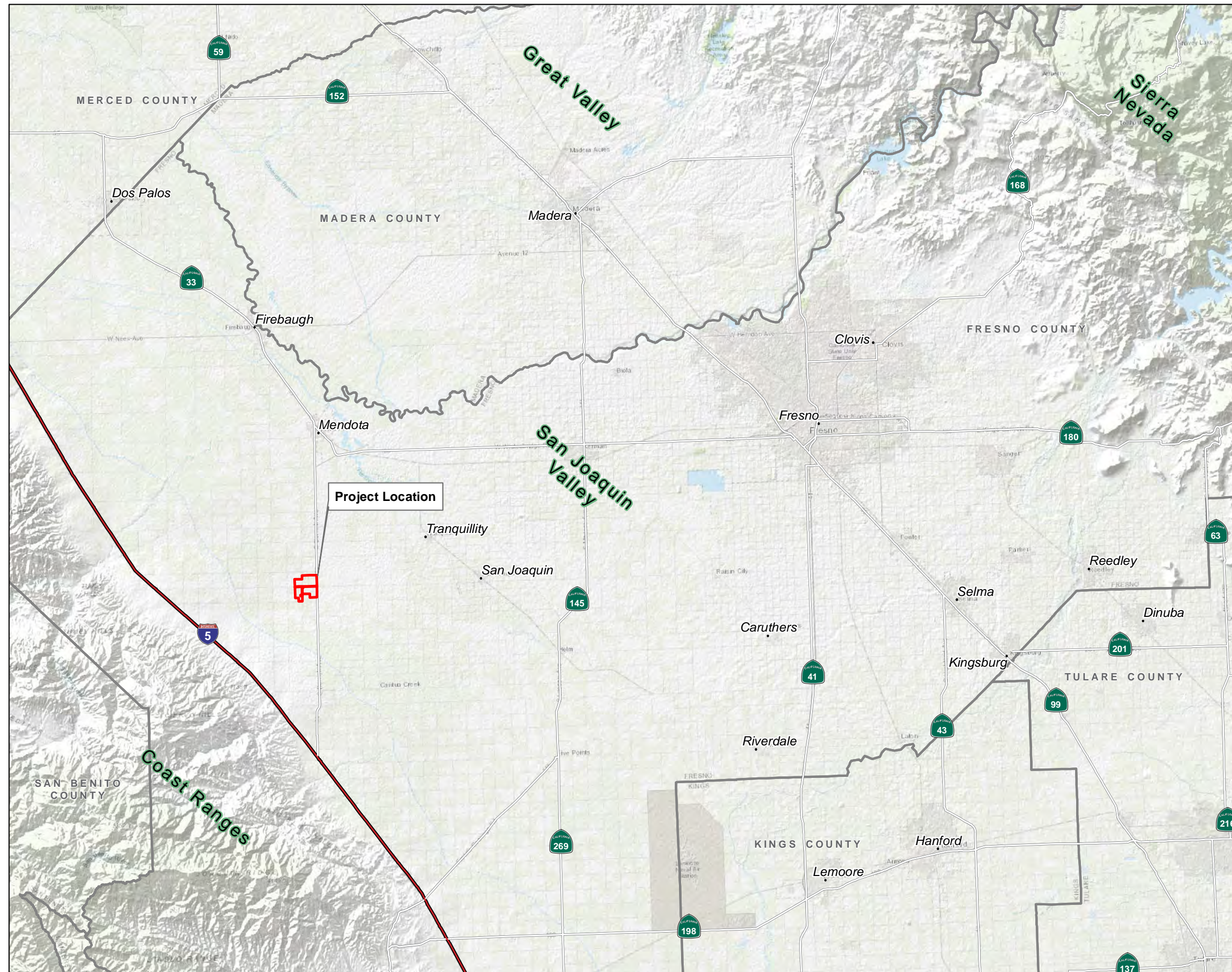


- Project Area
- County Boundary



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*Luna Valley Solar
Fresno County, CA
Figure 2: Project Vicinity*



Project Area
 County Boundary

Transportation

Interstate
 State Highway

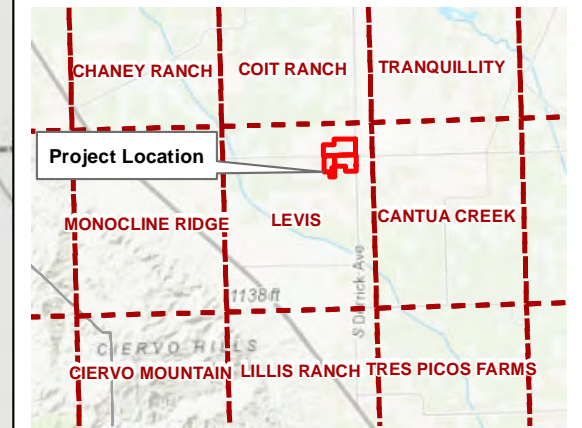
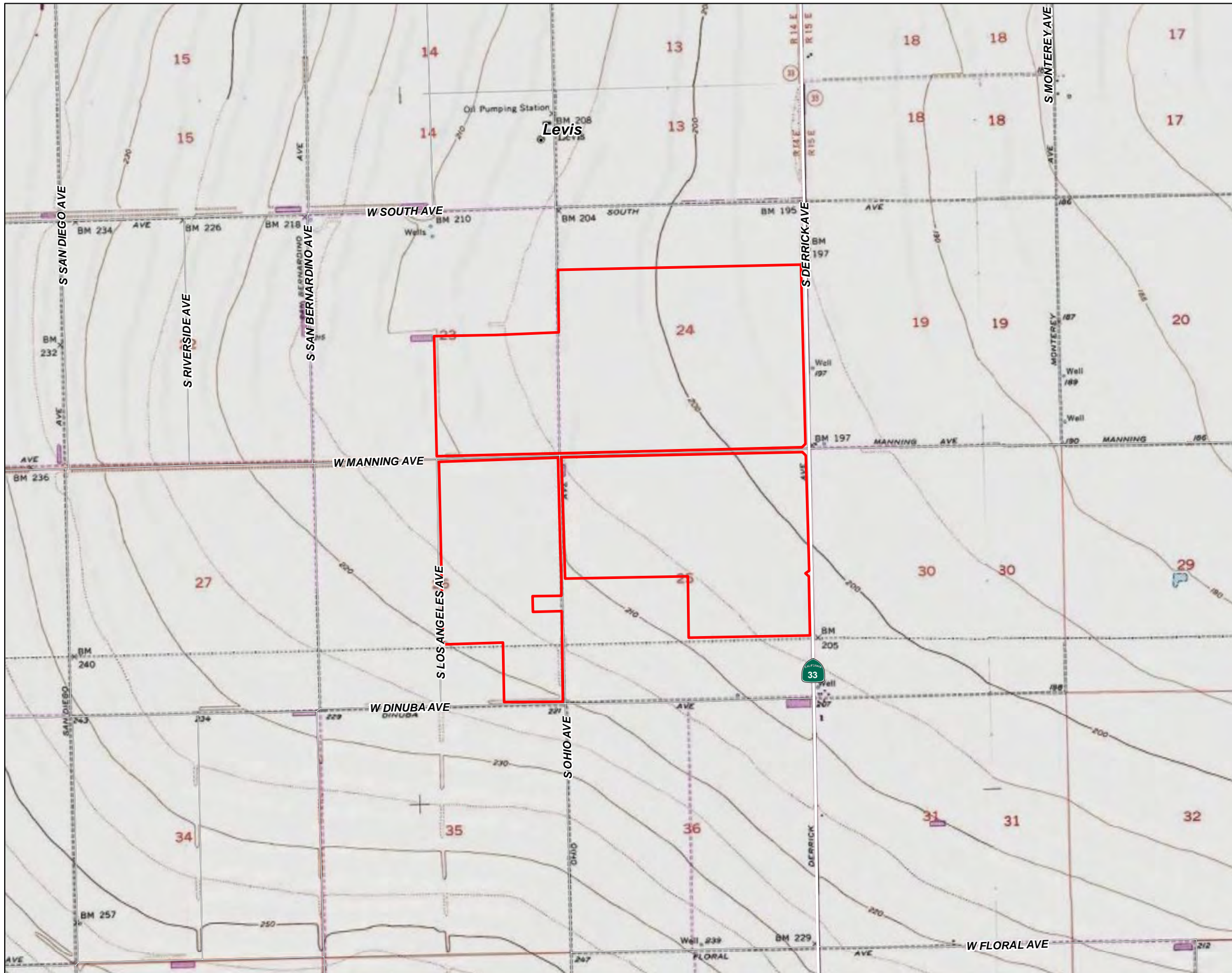
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NOT FOR CONSTRUCTION

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*Luna Valley Solar Project
Fresno County, CA*

Figure 3: USGS Topographic Map




 Project Site

Transportation

-  State Highway
-  Local Road

USGS 7.5 Levis 24k Quad, T15S, R14E,
portions of Sections 23, 24, 26, 25



0 0.5 1 Miles

Scale is 1:24,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

2.0 PROJECT LOCATION AND SITE HISTORY

2.1 LOCATION

The Project site is located in unincorporated Fresno County and generally bound by flat, agricultural lands and other solar energy generation facilities (Figure 1). The nearest city is Tranquillity, approximately 9 miles to the east-northeast. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of the Project area (Figure 2). The cities of Mendota and San Joaquin are approximately 10 miles north and east of the Project area, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project area.

More specifically, Highway 33 (South Derrick Avenue) makes up the eastern boundary of the Project area. The western edge of the Project area is approximately 2,600 feet east of S. Bernardino Avenue, the northern edge is approximately 1,400 feet south of W. South Avenue, and the southern edge is approximately 1,300 feet north of W. Dinuba Avenue. W. Manning Avenue cuts through the approximate middle of the Project area from east to west and S. Ohio Avenue cuts through the approximate middle of the Project area from north to south.

The Project site is entirely within the U.S. Geological Survey 7.5-minute topographic quadrangle of Levis. The Project area is located within Township 15 South, Range 14 East, Sections 23, 24, 25, and 26 (Figure 3). The Project site is located approximately within the latitudes of 36.59° and 36.61° and within the longitudes of -120.39° and -120.42° (in decimal degrees). The Project area centroid is located at approximately latitude/longitude 36°36'12"N/120°24'05"W.

2.2 SITE HISTORY

The Project site is proposed to be located on lands owned by Westlands Water District (Westlands). Westlands acquired this property as part of the September 3, 2002 settlement agreement reached among the United States, Westlands, and others in the *Sumner Peck Ranch et al. v. Bureau of Reclamation et al.* lawsuit.

The Project site is located in an area of agricultural land use and identified as Farmland of Local Importance on the State Important Farmlands maps. In Fresno County, farmland of local importance includes all farmable lands that do not meet the definitions of Prime, Statewide, or Unique farmland. The site has historically been used for dry-farmed (non-irrigated) agriculture (low-yield production of winter wheat and oats) and has been used for this purpose for the last 10 years. Agricultural land in this area has been documented to contain relatively high levels of selenium and a water table that does not provide sufficient drainage for commercially irrigated crops. During years in which rainfall is insufficient to produce crops, the land is grazed as rangeland grasses. Currently, some portions of the Project area lie fallow while the majority of the area is used to grow livestock fodder such as alfalfa. None of the land within the Project site is covered by a Williamson Act Contract.

Highway 33, the eastern boundary of the Project area, extends from Ventura County in the south to San Joaquin County in the north. Designated as a state highway in 1934, Highway 33 traverses a desolate area of the Central Valley between Interstate 5 and Highway 99. Highway 33 traffic was significantly reduced as a result of Interstate 5 development.

3.0 PROJECT SITE – PARCELS TO BE DEVELOPED

Table 1 shows the assessor's parcel numbers for the Project site.

Table 1. Project Site Assessor's Parcel Numbers

028-060-34T	028-101-29ST
028-060-69ST	028-101-58ST
028-060-70ST	028-101-59ST
028-060-71ST	028-101-65ST
028-060-72ST	028-101-69ST
028-101-15ST	028-101-72ST
028-101-17ST	028-101-74ST
028-101-19ST	028-101-77ST

4.0 SCHEDULE

Construction is anticipated to begin in 2022. The facility would begin operation in 2023.

5.0 DETAILED PROJECT DESCRIPTION

5.1 FACILITIES AND DESIGN

5.1.1 Overview of Solar Energy Generating Technology

The Project would include a solar energy generating facility, direct current (DC) electricity to alternating current (AC) electricity power inverters and transformers or power conditioning stations, a Project on-site substation, battery ESS, and a connection to the Pacific Gas and Electric (PG&E)-owned Tranquillity substation. Major Project features are described below and shown on the Project Site Layout (Figure 4).

Other Project components include access roads, perimeter fences, telecommunications, a meteorological data collection system, signage, lighting, stormwater facilities, and an O&M building. These components are also discussed in detail below.

5.1.2 Photovoltaic Modules and Support Structures

The solar energy generation facility would consist of PV solar modules arranged into arrays supported by a racking system and tracker units that track the sun (Figure 5). The PV modules convert sunlight into electricity. When modules are mounted on tracking devices, they are referred to as trackers or tracker blocks. The trackers are organized in rows in a uniform grid pattern referred to as a solar array. The proposed Project would have multiple solar arrays electrically connected to form a utility-scale PV system.

The modules may be constructed of glass encasing crystalline silicon, poly crystalline silicon, or thin film technology. The PV modules would be dark blue, almost black in color, with minimal light reflection. A plastic binding material and metal frame provides structural rigidity. The solar modules would be self-contained, durably constructed units designed to withstand exposure to the elements for a period of 35 years or greater. The solar modules deployed for use in the Project would be certified to comply with all industry standard quality testing. Modules would be electrically connected and grounded. The plant will be designed in accordance with local and state codes and regulations. The final panel selection would be determined prior to construction.

The Project would utilize a single-axis tracking system designed to optimize power production of the modules by ensuring proper orientation to the sun both daily and seasonally. Metal piers driven into the ground by a pile-driving machine support the single-axis tracking systems. Pier placement begins with a precise surveyed layout, ensuring proper positioning of remaining tracker assembly parts. Affixed to the top of each pier is a pier cap and bearing assembly that supports and allows proper movement of the torque tube assembly. Single-axis tracking systems require a drive system that provides directional force to the torque tube. This can be accomplished with either a mechanical or hydraulic drive arm and tube assembly that “pushes and pulls” the torque arm through its range of motion or by a geared assembly that redirects rotational force to the tubes. Both approaches require a small geared motor or hydraulic system mounted on a pile support or pad strong enough to move the system through its daily range of motions.

The trackers would be separated by distances to accommodate maintenance personnel and design parameters that meet applicable Fresno County fire safety requirements. Modules would be organized in rows in a uniform grid pattern, with each row separated by approximately 15–25 feet (from post to post).

SHEET NOTES

1. LOCATIONS SHOWN ARE FOR GENERAL GUIDANCE ONLY. SLOPES OF THE SITE ARE NOT DEPICTED AND LOCATIONS MUST BE VERIFIED ON SITE BEFORE INSTALLATION.
2. FINAL STRING SIZES TO BE CONFIRMED BY ENGINEER-OF-RECORD.

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ENGINEER'S STAMP

CLIENT



PROJECT NAME
LUNA VALLEY SOLAR
 200MW AC
 SITE LOCATION
 FRESNO COUNTY, CA
 36.603312° - 120.388439°

DRAWING ISSUE	
1	02/10/2020 EXHIBIT
2	02/19/2020 CUP APPLICATION PACKAGE
3	02/26/2020 PER COMMENTS
4	03/11/2020 450W MODULES & ALTA
5	06/13/2020 CUP APPLICATION PACKAGE

REVISION ISSUE

DRAWN BY: 22 CHECKED BY: JPH

PROJECT NO.: 20015

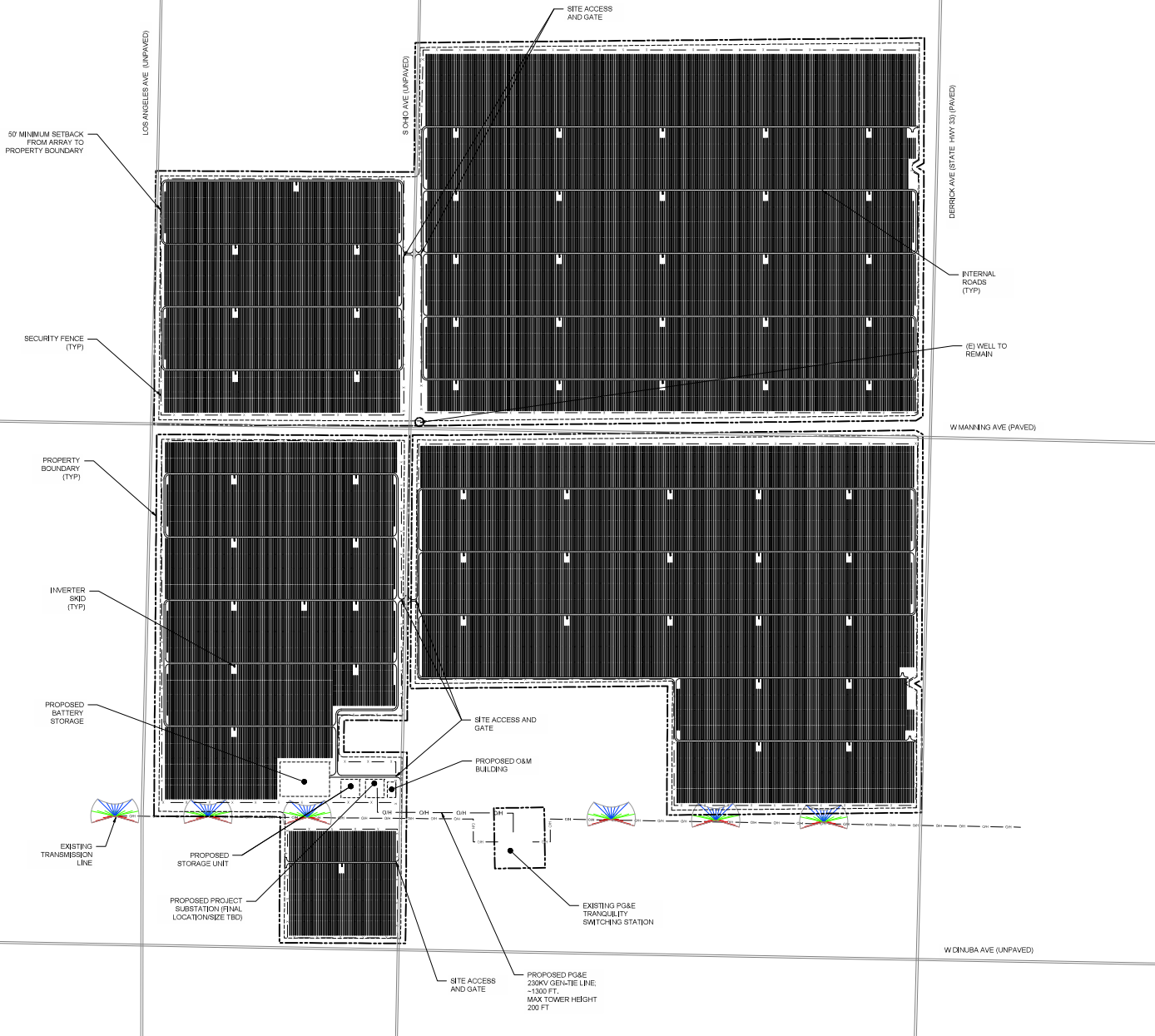
DRAWING TITLE
OVERALL SITE LAYOUT

DRAWING NUMBER

E200

PRELIMINARY - NOT FOR CONSTRUCTION

00015 - LUNA VALLEY - TRACKER - CUP - E200 - LAYOUTS.DWG



1 OVERALL SITE LAYOUT
 1" = 500' - 0"
 0 250' 500' 1000'

5/13/2020 8:25 AM

Figure 4: Project Site Layout



Figure 5. Typical Tracker Panel and Pier Design

5.1.3 Power Conditioning Stations (Inverters and Transformers)

Individual PV tracker panels would be connected together in series to create a “string” of trackers carrying DC electricity using a combiner box. Inverters in the power conditioning stations (PCS) convert the DC electricity produced by the trackers to AC electricity. The PCS transformers then step-up the AC electricity to the appropriate collection level voltage (34.5 kilovolt [kV]) for movement to the Project substation and eventual delivery to the electrical grid.

The Project will require approximately 62 PCS, depending on final design details. The number of trackers connected to each of the PCS varies with tracker output relative to inverter size and desired output from the PCS. The PCS would be placed strategically throughout the Project site and the inverters and transformers, as well as other electrical equipment that comprises each PCS, would be contained within electrical equipment enclosures.

The Project is proposing to use Power Electronics HEM 3430 inverters and transformers, or equivalent. Each inverter and transformer will be installed as per manufacturer’s requirements.

5.1.4 Substation

A substation located in the southwest corner of the Project area, adjacent to the ESS, would be constructed as part of the Project (as shown on the submitted Site Plan). The Project substation would include transformers, breakers, switches, meters, and related equipment. The overall footprint of the

Project substation is anticipated to be approximately 350 feet by 300 feet with transmission pole or gennie structures up to 150 feet in height. An emergency generator for use in the event that the regional transmission system fails would also be at the substation; this emergency generator would provide emergency power until the regional transmission system restores operations. The generator would be powered by propane or diesel and is estimated to be 49 kilowatts or less in size.

The Project substation may also contain a control room building approximately 40 feet by 40 feet with an overall height of less than 15 feet. The substation would be surrounded by an 8-foot barbed wire chain-link fence to comply with electrical codes. The control room may be outside the fenced area.

The substation must have access to communication systems in the area to comply with Federal Energy Regulatory Commission/California Independent System Operator utility monitoring and control requirements. Compliance may be accomplished by underground lines or aboveground lines.

5.1.5 Energy Storage System

ESS components are advantageous for renewable energy Projects because they allow energy to be reliably fed to the grid from an otherwise intermittent energy production source. The ESS is expected to be either located adjacent to the substation or distributed throughout the solar arrays at the inverter equipment pads or tracker rows. If batteries are located adjacent to the substation, they would be contained within steel enclosures similar to a refrigerator-sized cabinet. The color of the metal enclosure has not yet been determined; it typically varies by manufacturer. If distributed throughout the solar array, the ESS would likely be contained within metal housings and electrically connected to the inverters at each of the equipment pads.

Up to 4 acres may be utilized for the ESS. The key components of the ESS are described below.

- **Batteries.** Individual lithium ion cells form the core of the ESS. Cells are assembled either in series or parallel connection, in sealed battery modules. The battery modules would be installed in self-supporting racks electrically connected either in series or parallel to each other. The operating rack-level DC voltage currently ranges between 700 and 1,500 volts. The individual battery racks are connected in series or a parallel configuration to deliver the battery storage system energy and power rating.
- **Battery Storage System Enclosures and Controllers.** The battery storage system enclosures would house the batteries described above, as well as the battery storage system controllers. The battery storage system controller is a multilevel control system designed to provide a hierarchical system of controls for the battery modules, PCS, medium voltage system, and up to the point of connection with the electrical grid. The controllers ensure that the battery storage system effectively mimics conventional turbine generators when responding to grid emergency conditions. The battery storage system enclosure would also house required heating, ventilation, and air conditioning and fire protection systems.
- **DC/DC Converters.** In a DC-coupled system, the DC/DC converter allows the connection of the battery storage system to the DC side of the PV inverter. The DC/DC converter manages the battery and PV bus voltage and provides appropriate protections for the PV inverter.
- **PCS – Inverters.** The PCS consists of an inverter, protection equipment, circuit breakers, air filter equipment, equipment terminals, and cabling. Electricity is transferred from the PV array (or power grid) to the Project batteries during a battery charging cycle and from the Project batteries to the power grid during a battery discharge cycle. The inverter is bi-directional, with the ability to convert power from AC to DC when the energy is transferred from the grid to the battery and from DC to AC when the energy is transferred from the battery to the grid. The inverter DC operating voltage would be between 700 and 1,500 volts, with a typical power rating of approximately 3,000 kilowatts. The inverter AC operating voltage may be approximately 630 volts AC nominal. Voltage is increased to medium voltage levels (typically approximately 13–34.5 kV) when

combined with a medium voltage transformer. Voltage and power ratings are specific to the equipment manufacturer and product model. The installed equipment would be selected at a later date and therefore is subject to change.

- Medium Voltage Transformers. Separate medium voltage transformers may be present if not integrated into the inverter skids. These would be pad-mounted transformers used to increase voltage on the AC side of the inverters from low to medium voltage. Medium voltage transformers are used to increase the efficiency of power transmission, associated with reduced resistive power losses higher voltage.

5.1.6 PG&E Transmission Line

To interconnect the Luna Valley Solar Project to the PG&E Tranquillity Switching Station, PG&E would extend the footprint of the existing Tranquillity Switching Station north by approximately 100 feet and construct a new 230 kV transmission line that would extend from the Tranquillity Switching Station to a structure located on the Project property. The PG&E transmission line would include approximately 1,300 feet of 230 kV conductor strung on approximately four tubular steel poles of up to 140 feet in height. The PG&E transmission line would also include underground fiber optic line for communications. Energy from the Project solar arrays will be collected at the Project substation, described above, and transmitted to the PG&E-owned Tranquillity substation via PG&E transmission line, as shown on the submitted Site Plan.

5.1.7 Access Roads

Access to the Project area would be via main entrances along West Manning Avenue and Highway 33 (South Derrick Avenue). The Applicant plans to utilize existing interior access roads, however these roads may be improved with the addition of an aggregate base or other native material with a soil stabilization material, if necessary. Interior and perimeter access routes would be approximately 20 feet wide.

5.1.8 Perimeter Fencing

Chain-link fencing is proposed along the perimeter of the Project area. One foot of three-strand concertina wire may also be added to the perimeter fence if deemed necessary. Access gates would be provided at each site entry road.

5.1.9 Telecommunications

The Project would require connection with the existing local telecommunication service. A telecommunication line is comprised of fiber optic cable and/or 25-pair telephone line, which would be installed above and below ground, either attached to existing distribution lines or installed immediately adjacent to the Project substation. The telecommunication routes would use a combination of existing poles or new poles and below ground installations. Lines would be placed within utility franchise easements to the extent feasible. The Point of Interconnection to the existing telecommunication facilities would be in a small telephone/fiber optic vault. Interconnection to the Project would be within the Project substation. Below ground installations are usually installed 24–48 inches below grade. Aboveground lines are typically placed 6 feet below existing distribution lines or on new, adjacent wooden poles. Telecommunications may also be transmitted by a small wireless antenna, which would be placed at the Project substation.

5.1.10 Meteorological Data Collection System

The Project would require several meteorological data collection systems. The systems would include a variety of instruments to collect meteorological data, which would be mounted at various locations throughout the facility. The meteorological data would be collected at the level of the solar panels or approximately 10 feet above the ground.

5.1.11 Signage

Project signage is proposed to allow for the identification of the Project owner and for safety and security purposes. Signage is proposed to be installed on the fence or ground mounted in the vicinity of the main entry gates. Signage would identify the Project operator and owner and would provide emergency contact information. Small-scale signage would also be posted at the main entry gates and intermittently along the perimeter fencing on all exterior parcel boundaries, to indicate “No Trespassing” and “Private Property” for security purposes. All signage would conform to Fresno County signage requirements.

5.1.12 Lighting

Limited lighting is proposed on the Project site. Lighting would be used from dusk to dawn. Project lighting would be installed to allow for ongoing maintenance and security. Low-level lighting may be installed at entry and egress gates and at other strategic locations around the facility. Manually controlled lights would be installed at equipment pads and substations. All Project lighting would be shielded and directed downward to minimize the potential for glare or spillover onto adjacent ownerships. All lighting would conform to applicable Fresno County outdoor lighting codes.

5.1.13 Stormwater Facilities

The site drainage is designed to follow the natural drainage pattern, and none of the on-site facilities, including fences and panel posts, should prevent stormwater flow. Therefore, the Applicant anticipates that the Project would have very limited impact on site drainage. No on-site detention facilities are planned.

5.1.14 Other Infrastructure

O&M activities would take place in a new O&M building located near the southwest corner of the Project area (as shown on the submitted Site Plan). This building would be approximately 100 by 50 feet. Sanitary facilities for operations would be provided through the proposed O&M building to include a septic system or leach field. No additional wastewater or septic system facilities would be required. Water required during construction would be obtained from on-site wells or trucked in. Water requirements during operations would be negligible (that is, for occasional cleaning of solar panels).

5.1.15 Applicant-Proposed Best Management Practices

Various attributes and features of the Project serve to minimize negative effects on local land uses. These include the following.

- The Project would use solar panels that have a low profile (typically 6 feet high, but generally no more than 13 feet high at the highest point during the day) to minimize visual impacts. These solar panels are designed to be anti-reflective.
- Nighttime lighting impacts would be minimized by including only small lighting features that are equipped with on/off switches or motion detectors. The lighting impacts from such fixtures would be similar to those of domestic fixtures on local homes.

5.2 CONSTRUCTION

5.2.1 Site Preparation and Grading

Grubbing and grading would occur on the site to achieve the required surface conditions. Site preparation may include application of pre-emergent herbicides formulated to minimize impacts on wildlife. Application would be in accordance with federal, state, and County regulations and would be applied by a state-licensed pesticide applicator. Because the site is already mostly flat, grading would be minimal. The site's cut and fill would balance, and no importing or exporting of materials would be necessary.

After grading, temporary fences would be placed around the Project site, allowing materials and equipment to be securely stored on the site.

5.2.2 Construction Access Routes and Laydown Areas

Construction vehicles would access the Project site from Highway 33 or West Manning Avenue.

During construction, materials would be placed within the Project boundaries adjacent to the then-current phase of construction. To prevent theft and vandalism, materials would be secured within fenced areas at all times. A storage container might be used to house tools and other construction equipment. In addition, security guards would regularly monitor the site. Portable toilet facilities would be installed for use by construction workers. Waste disposal would occur in a permitted off-site facility. Domestic water for use by employees would be provided by the construction contractor through deliveries to the site.

5.3 CONSTRUCTION ACTIVITIES AND EQUIPMENT

The Applicant anticipates that construction would occur during a period of approximately 16 months. The on-site construction workforce would consist of laborers, craftspeople, supervisory personnel, and support personnel. The on-site assembly and construction workforce is expected to reach a peak of approximately 550 workers; the average number of workers on-site is anticipated to be approximately 150. On average, it is anticipated that 25 percent of worker trips to the site would be in carpools. Workers would commute to the site from nearby communities such as Mendota, Tranquillity, or San Joaquin, and some would travel from more-distant areas such as Fresno, Visalia, or Hanford. Construction would occur primarily during daylight hours. Workers would reach the site using existing roads.

Project construction would consist of two major stages. The first stage would include site preparation, grading, and preparing staging areas and on-site access routes, and the second stage would involve assembling the trackers and constructing electrical interconnection facilities.

Onsite roads would be constructed with a scarified and compacted subgrade and coated to create a dustless or durable surface or surfaced with compacted gravel. At the footing for the PCS pads, existing soil would be scarified and recompacted following recommendations of the geotechnical report.

Placing solar panels will require driving steel piles about 6 to 10 feet into the ground. In areas where geotechnical analysis has determined that piles might not be feasible or cost-effective, conventional foundations (such as isolated spread foundations or continuous footings) might be used.

During construction, a variety of equipment and vehicles would operate on the Project site. All equipment and vehicles would comply with the noise requirements of the Fresno County Noise Control Ordinance (Fresno County Code 8.40).

Water for dust control and other construction needs would come from on-site wells, an onsite municipal and industrial meter, or would be trucked to the site.

5.4 OPERATIONS

Once constructed, the Project would operate seven days per week and 365 days per year. The facility would be operated by Luna Valley Solar I, LLC or an affiliated company. Approximately four, permanent on-site staff are anticipated. Security would be maintained through installation of a chain-link fence, which would include one-foot of three-strand concertina wire along the perimeter of the site. Existing barbed wire fencing would be replaced with the Project perimeter fencing as needed. Infrared security cameras, motion detectors, and/or other similar technology may also be installed to allow for monitoring of the Project site through review of live, 24/7 footage. A security company may also be contracted by the Applicant for security purposes during construction and operation. Should the security system detect the

presence of unauthorized personnel, a security representative would be dispatched to the facility, and appropriate local authorities would be notified.

O&M of the Project would generate minimal noise, primarily from fans used to cool electrical equipment and transformers. Considering the distance to the nearest residence, it is not expected that fans or transformers would be audible from any residential area.

Only occasional, on-site maintenance is expected to be required following commissioning. Initially, personnel would likely visit the Project area daily or weekly, but it is anticipated that eventually maintenance visits would be reduced to once a month or less. O&M activities would require up to four workers performing visual inspections, monitoring plant performance, executing minor repairs, and responding to needs for plant adjustment. On intermittent occasions, the presence of 5 to 30 workers may be required for repairs or replacement of equipment, panel cleaning, and other specialized maintenance. However, due to the self-operating nature of the facilities, such actions would likely occur infrequently.

The expected maintenance would generate little traffic during operations. The areas surrounding the inverters and switchgear would be graveled and would have adequate space for parking several vehicles. O&M vehicles would include light duty trucks (e.g., pickup, flatbed) and other light equipment for maintenance and module washing. Heavy equipment would not be utilized during normal operation. Large or heavy equipment may be brought to the facility infrequently for equipment repair or replacement or vegetation control.

Minimal water would be required for panel washing activities and general maintenance. The need for panel washing would be infrequent (e.g., months to years between washings) and determined based on operating considerations, including actual soiling of the PV panels and any expected benefit from cleaning. Should cleaning be necessary, demineralized water would be sprayed on the PV panels to remove dust or a dry-cleaning method may be used.

Sanitary facilities for operations would be provided through the septic system at the proposed O&M building. Other wastes from equipment replacement or other work would be removed from the Site at the end of the day, or as needed.

Combustible vegetation or agricultural products on and around the Project boundary would be actively managed by the Project owner or its affiliates during both the construction and operation phases of the Project to minimize fire risk. Combustible products would be either limited in height or removed. Additionally, the Project would include firebreaks around the site boundary in the form of access roads subject to county standards.

5.5 DECOMMISSIONING

If operations at the site are terminated, the facility would be decommissioned. Most parts of the proposed system are recyclable. Panels typically consist of silicon, glass, and an aluminum frame. Tracking systems typically consist of steel and concrete, in addition to motors and control systems. All these materials can be recycled.

Numerous recyclers for the various materials to be used on the Project site operate in Fresno and other nearby counties. Metal, scrap equipment, and parts that do not have free-flowing oil can be sent for salvage. Equipment containing any free-flowing oil would be managed as waste and would require evaluation. Oil and lubricants removed from equipment would be managed as used oil, which is a hazardous waste in California. Decommissioning would comply with federal, state, county and other local standards and all regulations that exist when the Project is shut down.

6.0 ENVIRONMENTAL SETTING

6.1 REGIONAL CHARACTER

The Project site is located within the Central Valley region of Fresno County. The region consists of a single broad, flat valley, drained by the San Joaquin River and its tributaries, bound by the Sierra Nevada to the east and the Coast Range to the west. The elevation ranges from about 150 to 450 feet above sea level. Historically, the dominant habitat types were arid grasslands and shrub lands with expansive Valley Oak riparian woodlands and freshwater emergent wetlands in the proximity of water sources. Today, most of the land has been converted for agricultural uses.

The Project site is in an unincorporated area of Fresno County, 9 miles west-southwest of the city of Tranquillity. Land use in the area is mostly agricultural interspersed with sparse rural residential development and solar energy generation facilities that are currently operating or under development. The nearest rural residences are located approximately 0.28 mile from the southeast corner of the Project site along Highway 33, 1.28 miles north of the Project site at the northwest corner of Ohio Avenue and Adams Avenue, and 1.32 miles northeast of the Project site on Adams Avenue (Figure 6). The cities of Mendota and San Joaquin are approximately 10 miles north and east of Project site, respectively. The San Joaquin Airport is roughly 9.5 miles east.

Interstate 5 is the only major transportation route near the site. The Interstate runs north to south connecting southern California to northern California and the Pacific Northwest. It is paralleled to the east by the California Aqueduct. Near the site, the Interstate veers slightly south-southeast and thus is approximately 11 miles to the west as well as to the south of Project area. Most roadways in the immediate Project area vicinity are unimproved or paved without curb or sidewalk improvements.

6.2 LOCAL SETTING

The Project site is largely surrounded by existing agriculture, including non-irrigated fields owned mostly by Westlands and solar facilities (Figures 6 through 8). Currently, the Project site is used for dryland farming to grow livestock fodder such as alfalfa and some portions are now fallow.

In addition to the immediate agricultural use, the surrounding areas are mostly agricultural or undeveloped land with few residences. Several solar energy generation facilities are operating or under development in the immediate surrounding area, including the Tranquillity and Scarlet projects. Also nearby are Interstate 5, the California Aqueduct, the San Joaquin Airport, and the cities of Mendota, Tranquillity, and San Joaquin.

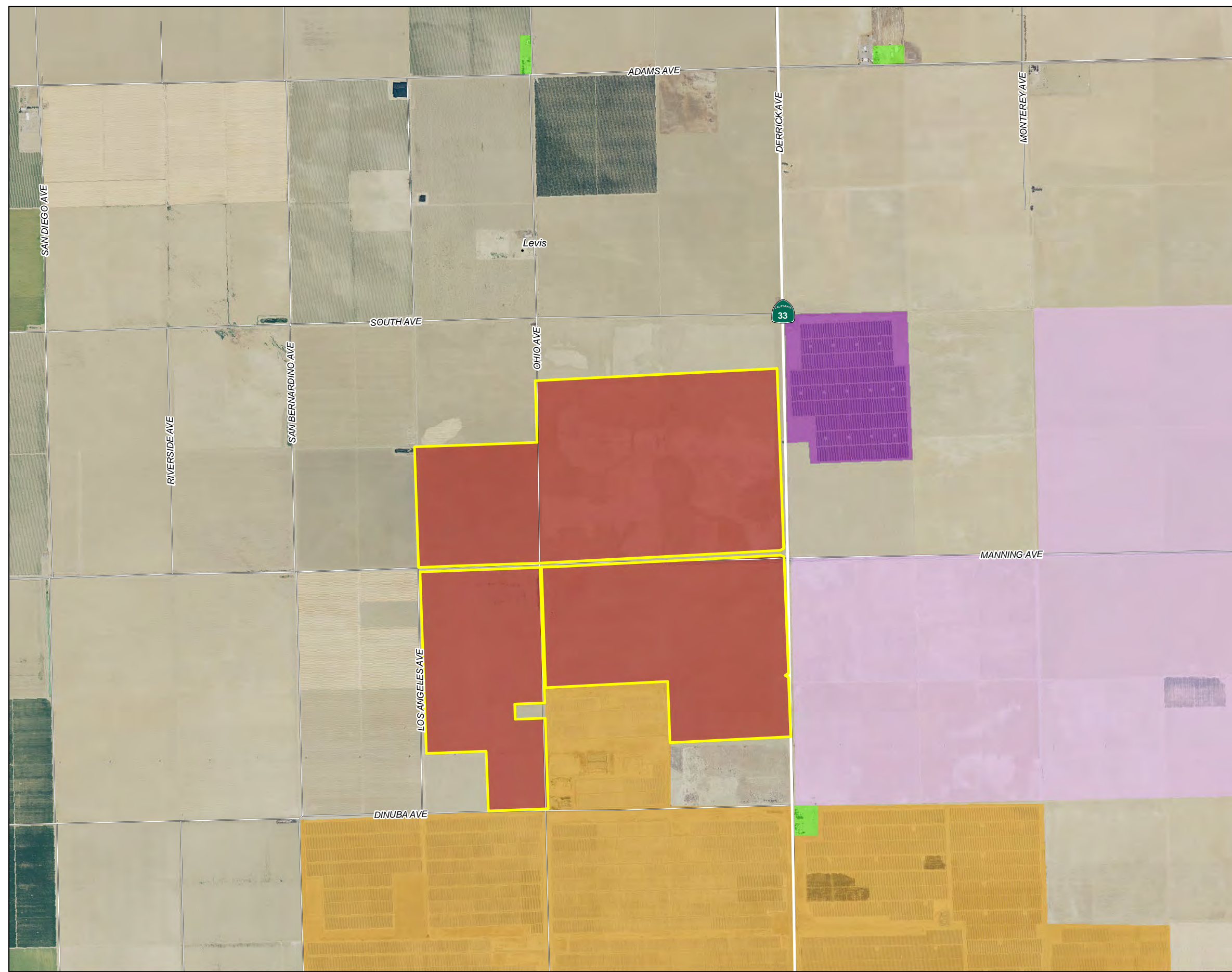
6.3 SCENIC ROUTES / VISTA POINTS

According to the California Department of Transportation (Caltrans) Scenic Highway System Lists, there is one officially designated state scenic highway and four eligible state scenic highways in Fresno County. None of these highways are in the vicinity of the Project site (Caltrans 2019). There are no Department of Transportation designated vista points on Interstate 5 within Fresno County (Caltrans 2018).

The Fresno County General Plan also includes policies intended to protect scenic resources along Fresno County roadways by identifying, developing, and maintaining scenic amenities along roads and highways in Fresno County and ensuring that development enhances those resources. According to Policy OS-L.1, Fresno County has designated a system of scenic roadways that includes landscaped drives, scenic drives, and scenic highways. According to this element, the only locally designated scenic highway in the vicinity of the Project site is Interstate 5 (Fresno County 2000).

*Luna Valley Solar
Fresno County, CA*

*Figure 6
Surrounding Land Use*



- Project Area
- Transportation
 - State Highway
 - Local Road
- Surrounding Land Use
 - Project Area
 - Residential
 - Scarlett Solar
 - Tranquility Solar
 - Adams East Solar

Scale is 1:24,000 when printed at 11"x17"

NOT FOR CONSTRUCTION



Photo 1



Photo 2

Luna Valley Solar

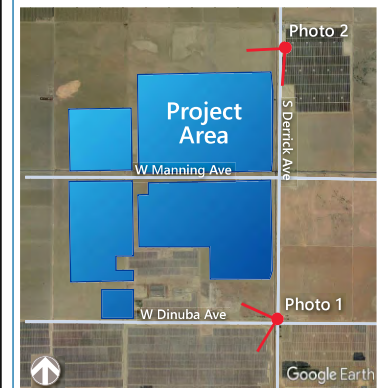
Fresno County, CA

Figure 7
Views of Existing Land Uses



Photo 1 – View of Existing Tranquillity Solar Facilities

Photo 2 – View of Existing Scarlet and Tranquillity Solar Facilities



Luna Valley Solar

Fresno County, CA

Figure 8
Views of Existing Land Uses



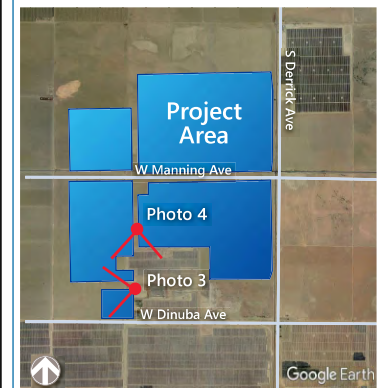
Photo 3



Photo 4

Photo 3 – View of Existing Transmission Towers

Photo 4 – View of Existing Tranquillity Solar Facilities and Transmission Towers



6.4 EXISTING VISUAL CHARACTER

Three key observation points (KOPs) were selected to assess the level of visual change resulting from the Project as described in Section 5.0, Detailed Project Description, on the existing environment. The location of the three KOPs and site photograph locations are presented in Figure 9. The KOPs were selected to capture representative vantages from Highway 33, W. Manning Avenue, and a residence southeast of the Project site. Photographs from each KOP under both existing conditions and post-project simulation are presented in Figures 10 through 15, and discussed in Section 9.0, Impact Analysis, of this report.

6.4.1 Key Observation Point 1

KOP 1 is located at the southeast corner of Highway 33 and W. Dinuba Avenue. The existing visual setting of this location is characterized by generally flat terrain, a residential structure and agricultural related structures, agricultural fields, overhead utility distribution lines, and high-voltage transmission lines and towers, and solar energy generation facilities (Figure 10).

This KOP depicts views oriented northwest toward the Project site (Figure 9). Views from this KOP under both existing conditions and post-project simulation are presented in Figure 11. As shown in Figure 11, views of paved Highway 33, agricultural fields and local electrical distribution lines are visible in the foreground. High-voltage transmission lines and towers and fencing are visible in the middle-ground. The Project site, currently consisting of agricultural fields, is visible in the foreground and middle-ground. The foothills of the Diablo Mountains are visible in the background.

The scenic attractiveness of KOP 1 is typical for the region and the landscape lacks a distinct form and topographical contrast in the foreground and middle-ground. This landscape view is common in the area but retains a relative feeling of openness. The scenic quality of KOP 1 is identified as low (Class IV) as visual encroachments including road infrastructure, overhead utility distribution lines, and high-voltage transmission lines and towers distributed throughout the landscape. This KOP provides a typical view for drivers traveling northbound along Highway 33, likely traveling at a high rate of speed based on the posted speed limit of 55 miles per hour. Considering the short duration of viewing, viewers would have a low viewer sensitivity to the visual changes in the area. This KOP also provides a typical view for the occupants of the residence at the southeast corner of Highway 33 and W. Dinuba Avenue. Considering the frequent viewing by local residents, viewers would have a moderate sensitivity to the visual changes in the area.

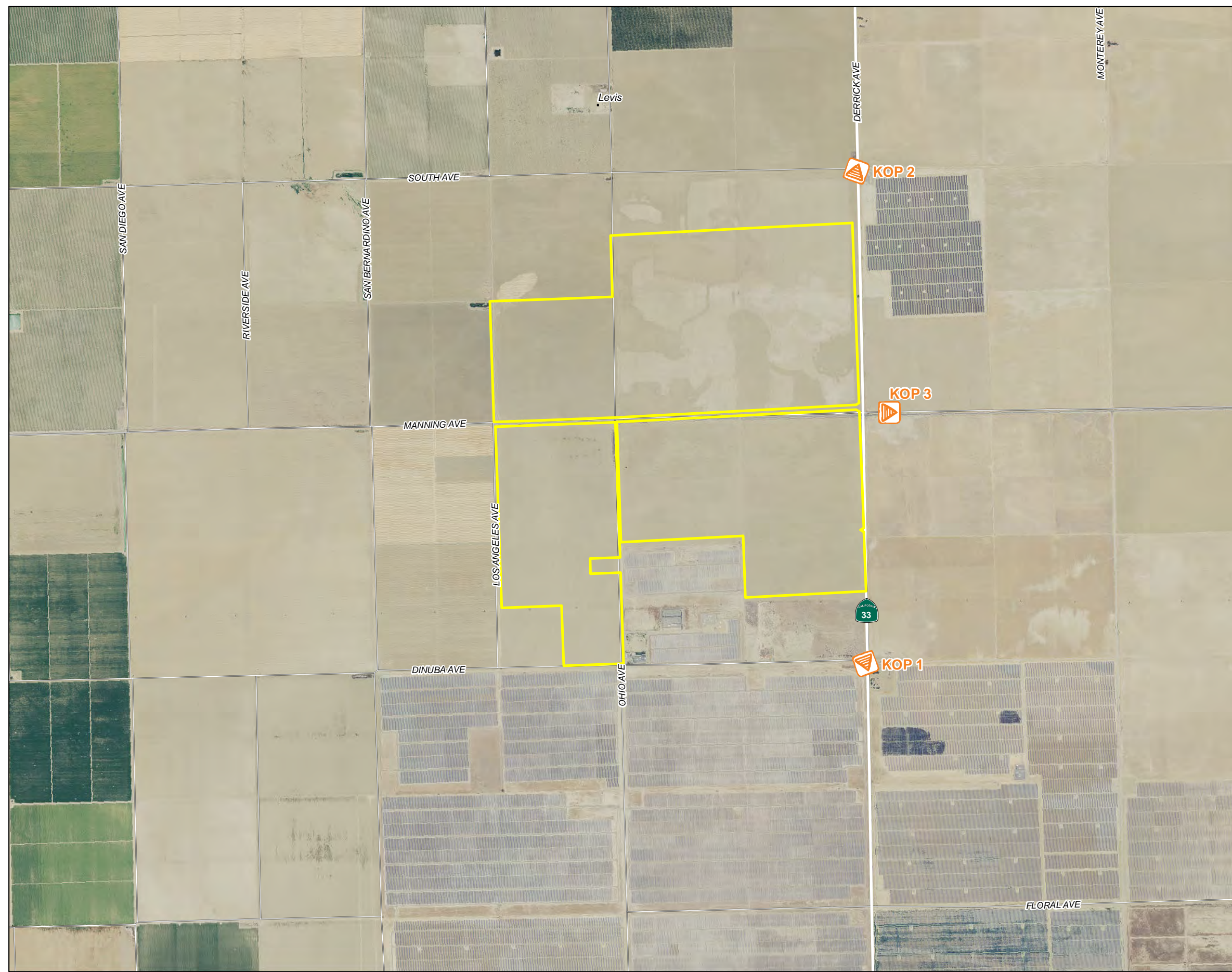
6.4.2 Key Observation Point 2



KOP 2 is located north of the Project site at the northeast corner of Highway 33 and W. South Avenue. The existing visual setting of this location is characterized by generally flat terrain, agricultural fields, overhead utility distribution lines, and high-voltage transmission lines and towers, and solar energy generation facilities (Figure 12).




This KOP depicts views oriented southwest toward the Project site (Figure 9). As shown in Figure 13, views of paved Highway 33, an unpaved road (W. South Avenue), utility poles, and agricultural fields are available in the foreground. The Project site, currently consisting of agricultural fields, is visible in the foreground and middle-ground. Large transmission towers and solar energy generation facilities are visible in the middle-ground. The Diablo Mountains are visible in the background.

*Luna Valley Solar
Fresno County, CA*

*Figure 9
Key Observation Points*



 Key Observation Points
 Project Area

Transportation
 Interstate
 State Highway
 Local Road




 Scale is 1:24,000 when printed at 11"x17"
NOT FOR CONSTRUCTION



Photo 5



Photo 6

Luna Valley Solar

Fresno County, CA

Figure 10
KOP 1 Existing Visual Character



Photo 5 – View of Existing Residence and Tranquillity Solar Facilities

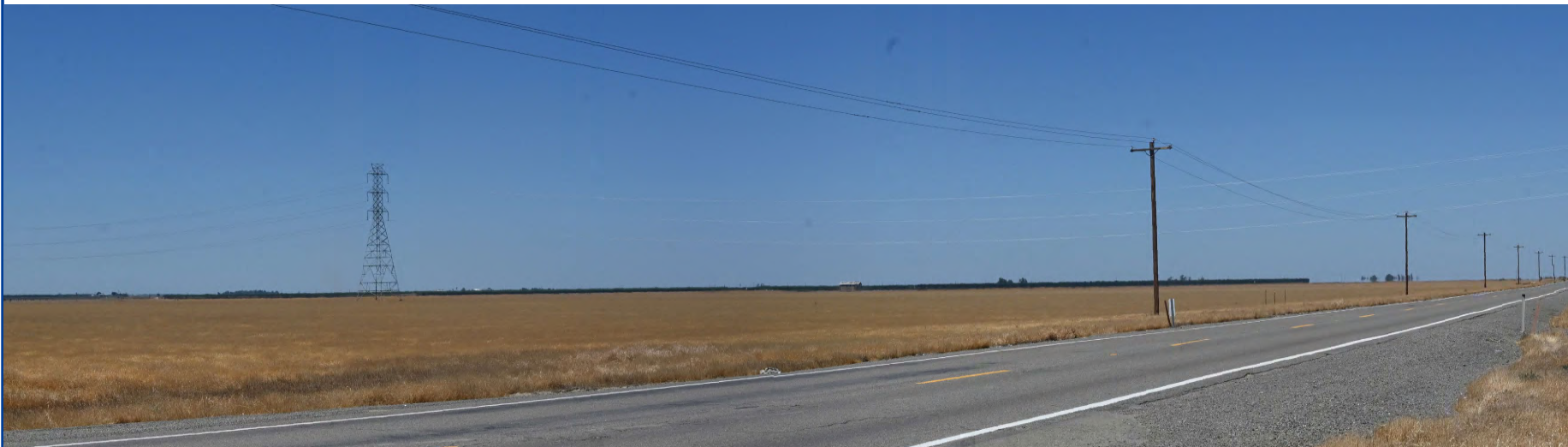
Photo 6 – View of Existing Tranquillity Solar Facilities, Utility Lines and Transmission Towers



Luna Valley Solar Project

Visual Simulations

Figure 11
KOP 1:
Dinuba Ave
&
Derrick Ave



Existing Conditions

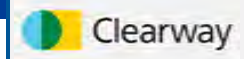


Simulated Conditions



Photo Information
KOP 1

Time	2:35pm
Date	5/28/2020
Latitude	36.588792
Longitude	-120.388606
Viewing Direction	Northwest
Observer Height	215.5 feet
Conditions	Clear



Luna Valley Solar

Fresno County, CA

Figure 12
KOP 2 Existing Visual Character



Photo 7 – View of Existing Scarlet Solar Transmission Station

Photo 8 – View of Existing Fields and Utility Lines



Luna Valley Solar Project

Visual Simulations

Figure 13
KOP 2:
W South Ave
&
Derrick Ave



Existing Conditions



Simulated Conditions

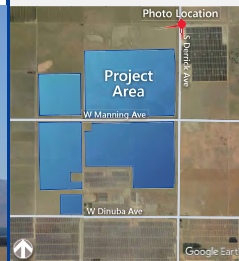


Photo Information
KOP 2

Time	3:35pm
Date	5/28/2020
Latitude	36.617825
Longitude	-120.388313
Viewing Direction	Southwest
Observer Height	208 feet
Conditions	Clear

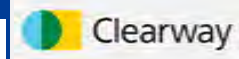




Photo 9

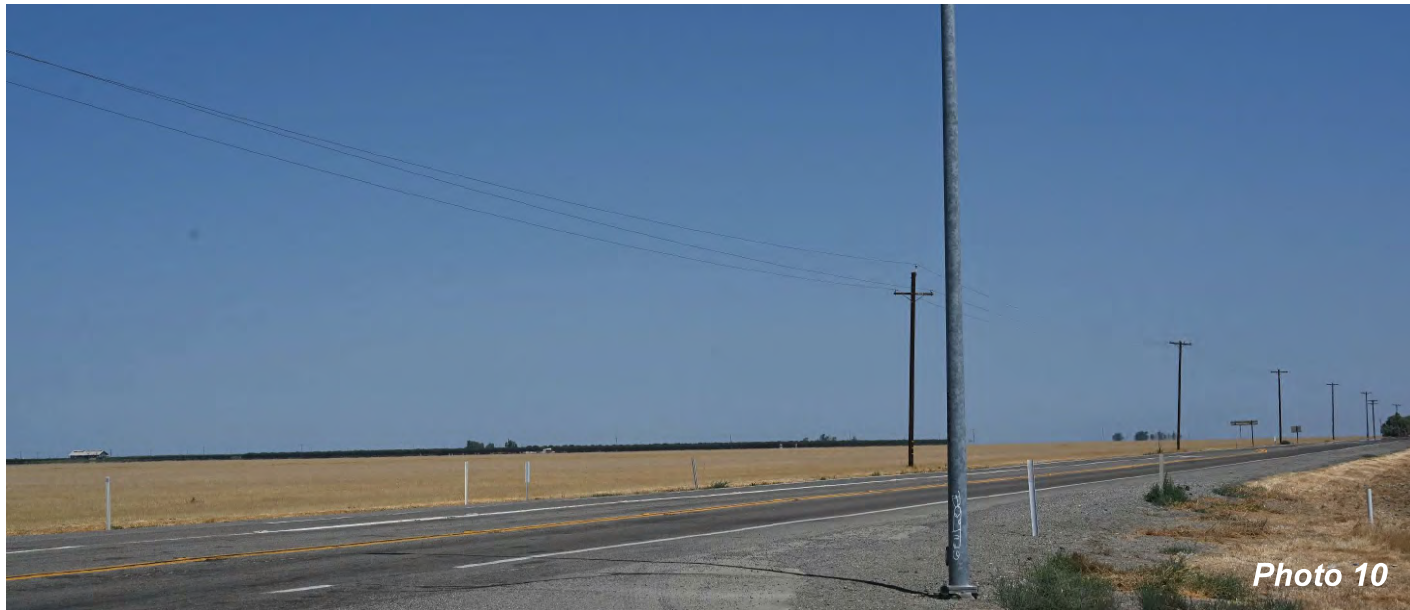


Photo 10

Luna Valley Solar

Fresno County, CA

Figure 14
KOP 3 Existing Visual Character



Photo 9 – View of Existing Fields, Tranquillity Solar Facilities and Transmission Towers

Photo 10 – View of Existing Fields and Utility Lines

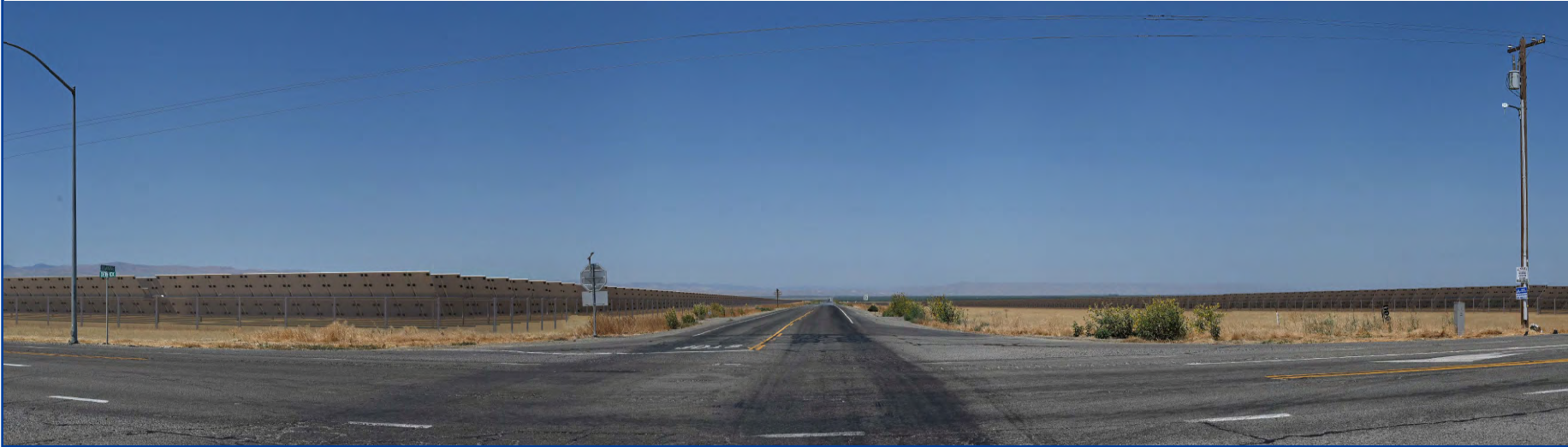


Luna Valley Solar Project Visual Simulations

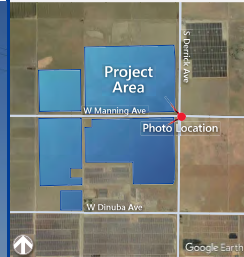
Figure 15
KOP 3:
Manning Ave
&
Derrick Ave



Existing Conditions

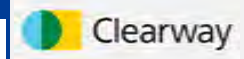


Simulated Conditions



**Photo Information
KOP 3**

Time	1:00pm
Date	7/24/2020
Latitude	36.603370°
Longitude	-120.388438°
Viewing Direction	West
Observer Height	205.5 feet
Conditions	Clear



The scenic attractiveness of KOP 2 is typical for the region and the landscape lacks a distinct form and topographical contrast in the foreground and middle-ground. This landscape view is common in the area but retains a distinctive background with the topographical features of the Diablo Mountains to the west and a relative feeling of openness. The scenic quality of KOP 2 is identified as low (Class IV) as visual encroachments including road infrastructure, overhead utility distribution lines, and the solar energy generation facilities are distributed throughout the landscape. This KOP provides a typical view for drivers traveling southbound along Highway 33, likely traveling at a high rate of speed based on the posted speed limit. Considering the short duration of viewing, viewers would have a low viewer sensitivity to the visual changes in the area.

6.4.3 Key Observation Point 3

KOP 3 is located east of the Project site and Highway 33 on W. Manning Avenue, looking west. The existing visual setting of this location is characterized by generally flat terrain, agricultural fields, overhead utility distribution lines, and high-voltage transmission lines and towers, and solar energy generation facilities (Figure 14).

This KOP depicts views oriented west toward the Project site (see Figure 9). As shown in Figure 15, views of paved W. Manning Avenue, paved Highway 33, utility poles, streetlight poles, and agricultural fields are available in the foreground. The Project site, currently consisting of agricultural fields, is visible in the foreground and middle-ground. The Diablo Mountains are visible in the background.

The scenic attractiveness of KOP 3 is typical for the region and the landscape lacks a distinct form and topographical contrast in the foreground and middle-ground. This landscape view is common in the area but retains a distinctive background with topographical features of the Diablo Mountains to the west and a relative feeling of openness. The scenic quality of KOP 3 is identified as low (Class IV) as visual encroachments include road infrastructure and overhead utility distribution lines. This KOP provides a typical view for drivers traveling west on W. Manning Avenue, likely traveling at a high rate of speed based on the posted speed limit. Considering the short duration of viewing, viewers would have a low viewer sensitivity to the visual changes in the area.

6.4.4 Light, Glint, and Glare

Existing sources of light in the Project area are limited to outdoor lighting sources, such as street lights from cities of Tranquillity, San Joaquin, and Mendota, structural lighting at scattered residential locations, and security lighting from adjacent solar energy generation facilities. Mobile sources of light and glare originate from automobile traffic on surrounding roadways. The rural residential structures located near the Project site, the adjacent solar energy generation facilities, and the occasional street lights along Highway 33, combined with automobile traffic on W. Manning Avenue, Highway 33 (S. Derrick Avenue), S. Bernardino Avenue, W. Dinuba Avenue, and S. Ohio Avenue, are the primary sources of nighttime lighting adjacent to the Project site.

Glare is considered a continuous source of brightness, relative to diffused light, whereas glint is a direct redirection of the sunbeam in the surface of a PV solar module. Glint is highly directional, since its origin is purely reflective, whereas glare is the reflection of diffuse irradiance; it is not a direct reflection of the sun. Sources of glare in the Project area include windows and reflective building materials such as metal roofs. Solar panels associated with adjacent solar energy generation facilities create little, if any glint or glare, due to the application of anti-reflective coatings and use of modern glass technology. Noticeable glare from the existing solar panels was not observed during the May 28, June 23, and June 24, 2020 field visits.

7.0 REGULATORY SETTING

7.1 FEDERAL

7.1.1 National Scenic Byways Program

The National Scenic Byways Program, a part of the Federal Highway Administration, recognizes, preserves, and enhances selected roads throughout the United States as All-American Roads or National Scenic Byways based on one or more archaeological, cultural, historic, natural, recreational, and scenic qualities. According to the Federal Highway Administration's America's Byways website, there are no officially designated National Scenic Byways in the vicinity of the Project site (FHWA 2020).

7.2 STATE

7.2.1 Caltrans Scenic Highway Program

State scenic highways are those that are either officially designated as state scenic highways by the Caltrans or are eligible for such designation. The scenic designation is based on the amount of natural landscape visible by motorists, the scenic quality of the landscape, and the extent to which development intrudes on the motorist's enjoyment of the view. There are no officially designated or eligible state scenic highways in the vicinity of the Project site (Caltrans 2019).

7.3 LOCAL

7.3.1 County of Fresno

Relevant policies from the County of Fresno General Plan are summarized below by element/section (Fresno County 2000).

Open Space and Conservation Element

K. Scenic Resources

Goal OS-K To conserve, protect, and maintain the scenic quality of Fresno County and discourage development that degrades areas of scenic quality.

Policy OS-K.1 The County shall encourage the preservation of outstanding scenic views, panoramas, and vistas wherever possible. Methods to achieve this may include encouraging private property owners to enter into open space easements for designated scenic areas.

Policy OS-K.4 The County should require development adjacent to scenic areas, vistas, and roadways to incorporate natural features of the site and be developed to minimize impacts to the scenic qualities of the site.

L. Scenic Roadways

Goal OS-L To conserve, protect, and maintain the scenic quality of land and landscape adjacent to scenic roads in Fresno County.

Policy OS-L.1 The County designates a system of scenic roadways that includes landscaped drives, scenic drives, and scenic highways. Definitions and designated roadways are shown in the text box below. Figure OS-2 shows the locations of the designated roadways.

Policy OS-L.3 The County shall manage the use of land adjacent to scenic drives and scenic highways based on the following principles:

- b. Proposed high voltage overhead transmission lines, transmission line towers, and cell towers shall be routed and placed to minimize detrimental effects on scenic amenities visible from the right-of-way.

8.0 THRESHOLDS OF SIGNIFICANCE/CRITERIA

For this analysis, the significance criteria outlined in Appendix G of the CEQA Guidelines, as amended, are applied to determine the Project's impact to existing visual resources. The CEQA-defined aesthetic issues of concern are:

- Would the proposed Project cause substantial, adverse effects on a scenic vista?
- Would the proposed Project cause substantial damage to scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings, within a state scenic highway?
- In non-urbanized areas, would the proposed Project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point.)
- Would the proposed Project create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?

8.1 METHODOLOGY

8.1.1 Viewshed

The viewshed is generally the area that is visible from an observer's viewpoint and includes the screening effects of intervening vegetation and/or physical structures. Although some portion of the Project site may be visible from a relatively large area, the degree of visibility would depend on distance and view angle. Generally, the Project site would be most visible from viewpoints within 1 mile, while site visibility would diminish as distance increases and view angle decreases. Air quality, including dust and other visible particulates, can affect visibility in the area.

8.1.2 Key Observation Points

Three KOPs were selected as representative vantage points in the landscape that offer motorists traveling on area roadways and local residents' views of the proposed Project site. KOPs 1 through 3 are shown on Figures 11, 13, and 15.

Factors considered in the selection of KOPs included locations with sensitive viewers (e.g., local residence, Highway 33) and potential for the Project site to be visible (e.g., distance and view angle). The KOPs were selected to capture representative vantages from north bound Highway 33 and a residence south of the Project site, south bound Highway 33, and west bound W. Manning Avenue.

Digital photographs were taken from the selected KOP locations to support the discussion on existing visual setting and the analysis of potential visual impacts associated with the proposed Project. Photographs of existing conditions were taken in May 28, June 23, and June 24, 2020 using a digital single-lens reflex Canon 5D Mark III camera.

8.1.3 Visual Simulations

Three-dimensional visual simulations from each KOP were rendered to approximate the visual conditions resulting with project implementation. Using the photographs acquired at KOP 1 through KOP 3, a three-dimensional physical massing model was created that incorporated the PV scale model, placed in array configurations as shown in the site plan provided in Figure 4, Project Site Layout (see Section 5.0, Detailed Project Description). The model was then georeferenced and placed on global positioning system-controlled site-specific photographs to create simulations that demonstrate visual changes from the Project. Figures 11, 13, and 15 provide simulated views of Project features.

8.1.4 Visual Change Analysis

The Project will be developed on private property within an unincorporated area of Fresno County. In order to describe the existing visual character and analysis potential visual impacts associated with the Project, this visual impact assessment will follow the U.S. Bureau of Land Management (BLM) Visual Resources Management (VRM) system. The BLM uses the VRM system to identify, set, and maintain scenic values for land areas under its management. The VRM system has two key aspects: inventorying visual resources and managing those resources (BLM 1986).

BLM's Visual Resource Inventory (VRI) classification system is a baseline description of the existing scenic values in the environment and, unlike VRM classifications, does not provide objectives as to how the land should be used or managed. The VRI developed by BLM identifies the visual resources of a given area and, based upon specific standards, assigns an inventory class to each area. This process, further described in detail in BLM Manual H-8410-1 (BLM 1986), involves rating the resource's visual qualities, measuring public concern, and determining the extent to which an area is visible from travel routes and other observation points. Those three factors then determine which of the four VRI classes are assigned to each area of BLM-administered lands based on visual sensitivity level (high, medium, and low), scenic quality, and distance. These four VRI classes represent the relative values of the existing visual resources. VRI Classes I and II represent the highest visual value, Class III represents moderate value, and Class IV represents relatively low visual value.

Specific terminology used in describing the existing visual environment is provided below.

- Contrast. Opposition or unlikeness of different forms, lines, colors, or textures in a landscape. Contrast rating: a method of analyzing the potential visual impacts of proposed management activities.
- Form. The mass or shape of an object or objects that appears unified, such as a vegetative opening in a forest, a cliff or mountain formation, a water tank, or a highway overpass.
- KOP. One or a series of points on a travel route or at a use area or potential use area, where the view of a management activity would be most revealing.
- Landscape Visibility. Perception of details (e.g., form, line, color, and texture) diminishes with increasing distance. The distance zone is dependent on the location of the observer relative to the Project. These distance zones are (BLM 1986):
 - Foreground and middle ground: 0 to 5 miles from point of interest
 - Background: remaining area up to 15 miles away from the point of interest
 - Seldom seen: over 15 miles from the point of interest
- Scenic quality is a measure of the visual appeal of a tract of land. In the visual resource inventory process, the apparent scenic quality is determined using seven key factors: landform, vegetation, water, color, adjacent scenery, scarcity, and cultural modifications.
- Sensitivity level. Sensitivity levels are a measure of public concern for scenic quality. Public lands are assigned high, medium, or low sensitivity levels by analyzing the various indicators of public concern.
- Simulation. A realistic visual portrayal that demonstrates the perceivable changes in landscape features caused by a proposed management activity. This is done using photography, artwork, computer graphics, and other such techniques.

- **Texture.** The visual manifestations of the interplay of light and shadow created by the variations in the surface of an object or landscape.
- **Viewshed.** A landscape unit seen from a KOP.
- **Visual quality.** The relative worth of a landscape from a visual perception point of view.
- **Visual resource.** The visible physical features on a landscape (for example, land, water, vegetation, animals, structures, and other features).

Scenic quality is a measure of the visual appeal of a tract of land. The apparent scenic quality of the land is determined using seven key factors: landform, vegetation, water, color, adjacent scenery, scarcity, and cultural modifications. During the rating process, each of these factors are ranked on a comparative basis with similar features within the project area. The BLM VRM approach allows the various landscape elements that comprise visual quality to be quantified and rated with a minimum of ambiguity or subjectivity, which can be easily understood and compared by the reader.

According to this method, visual quality is rated according to the presence and characteristics of seven key components of the landscape. These components include landform, vegetation, water, color, adjacent scenery, scarcity and cultural modifications, defined as follows:

1. The **landform** component of the visual quality rating criteria takes into account the fact that topography becomes more interesting visually as it gets steeper or more massive, or more severely or universally sculptured. Outstanding landforms may be monumental (as found in Yosemite Valley), or they may be exceedingly artistic and subtle (such as certain ridgelines, pinnacles, peaks, and other extraordinary formations).
2. The **vegetation** component of the rating criteria gives primary consideration to the variety of patterns, forms, and textures created by plant life. Short-lived displays are given consideration when they are known to be recurring or spectacular. Consideration also is given to smaller scale vegetational features that add striking and intriguing detail elements to the landscape (e.g., hedgerows or trees, native grasses, etc.).
3. The **water** component of the rating criteria recognizes that visual quality is largely tied to the presence of water in scenery, as it is that ingredient which adds movement or serenity to a scene. The degree to which water dominates the scene is the primary consideration in selecting the rating score for the water component.
4. The **color** component of the visual quality rating criteria considers the overall color(s) of the basic components of the landscape (e.g., soil, rock, vegetation, etc.). Key factors that are used when rating the color of scenery are variety, contrast, and harmony.
5. The **adjacent scenery** component of the rating criteria takes into account the degree to which scenery outside the view being rated enhances the overall impression of the scenery under evaluation. The distance of influence for adjacent scenery normally ranges from 0 to 5 miles, depending upon the characteristics of the topography, the vegetation cover, and other such factors. This factor generally is applied to views that normally would rate very low in score, but the influence of the adjacent high visual quality would enhance the visual quality and raise the score.
6. The **scarcity** component of the visual quality rating criteria provides an opportunity to give added importance to one or all of the scenic features that appear to be relatively unique or rare within a region. There may also be cases where a separate evaluation of each of the key factors does not give a true picture of the overall scenic quality of an area. Often, it is a number of not so spectacular elements in the proper combination that produces the most pleasing and memorable

scenery – the scarcity factor can be used to recognize this type of area and give it the added emphasis it should have.

- The **cultural modifications** component of the visual quality rating criteria takes into account any man-made modifications to the landform, water, vegetation, and/or the addition of man-made structures. Depending on their character, these cultural modifications may detract from the scenery in the form of a negative intrusion or they may complement and improve the scenic quality of a view.

Based on the criteria above, views are rated numerically and a total score of visual quality can be tabulated. Table 2 summarizes the point associated with the various criteria. Based on this rating system, there are a total of 32 points possible. Views that score a total of 19 points or more are typically considered very high in visual quality (Class I). Views that score a total of 15 to 19 points typically are considered to have a high level of visual quality (Class II). Views that score a total of 12 to 15 points typically are considered to have an above average level of visual quality (Class III). Finally, views that score a total of 11 points or less typically are considered to have average or lower visual quality (Class IV). Table 2 summarizes the point associated with the various criteria.

Using the criteria below, the visual quality of the existing visual conditions and the post-project (“simulated” condition) visual conditions will be rated. The scores will determine the Project site’s existing visual class and evaluate whether the Project will result in a lower visual class and the degree of change between the existing and post-project visual conditions.

Table 2. Visual Quality Rating System - Scenic Quality Inventory and Evaluation Chart

Key Factors	Rating Criteria and Score		
Landform	High vertical relief as expressed in prominent cliffs, spires, or massive rock outcrops, or severe surface variation or highly eroded formations including major badlands or dune systems; or detail features dominant and exceptionally striking and intriguing such as glaciers. Score 5	Steep canyons, mesas, buttes, cinder cones, and drumlins; or interesting erosional patterns or variety in size and shape of landforms; or detail features which are interesting though not dominant or exceptional. Score 3	Low rolling hills, foothills, or flat valley bottoms; or few or no interesting landscape features. Score 1
Vegetation	A variety of vegetative types as expressed in interesting forms, textures, and patterns. Score 5	Some variety of vegetation, but only one or two major types Score 3	Little or no variety or contrast in vegetation. Score 1
Water	Clear and clean appearing, still, or cascading white water, any of which are a dominant factor in the landscape. Score 5	Flowing, or still, but not dominant in the landscape. Score 3	Absent, or present, but not noticeable. Score 0
Color	Rich color combinations, variety or vivid color; or pleasing contrasts in the soil, rock, vegetation, water or snow fields. Score 5	Some intensity or variety in colors and contrast of the soil, rock and vegetation, but not a dominant scenic element. Score 3	Subtle color variations, contrast, or interest; generally mute tones. Score 1
Influence of adjacent scenery	Adjacent scenery greatly enhances visual quality Score 5	Adjacent scenery moderately enhances overall visual quality. Score 3	Adjacent scenery has little or no influence on overall visual quality. Score 0

Key Factors	Rating Criteria and Score		
Scarcity	One of a kind; or unusually memorable, or very rare within region. Consistent chance for exceptional wildlife or wildflower viewing, etc. *Score 5+	Distinctive, though somewhat similar to others within the region. Score 3	Interesting within its setting, but fairly common within the region. Score 1
Cultural modifications	Modifications add favorably to visual variety while promoting visual harmony. Score 2	Modifications add little or no visual variety to the area, and introduce no discordant elements Score 0	Modifications add variety but are very discordant and promote strong disharmony. Score -4

* A rating of greater than 5 can be given but must be supported by written justification.

Source: BLM Manual H-Visual Resources Inventory, 1/17/86

The Project will also be evaluated as to the level of contrast Project elements exhibit to the existing visual character of the Project site and area.

Table 3. Degree of Contrast Rating System

Degree of Contrast	Rating Criteria
None	The element contrast is not visible or perceived.
Weak	The element contrast can be seen but does not attract attention.
Moderate	The element contrast begins to attract attention and begins to dominate the characteristic landscape.
Strong	The element contrast demands attention, will not be overlooked, and is dominant in the landscape.

Source: BLM Manual H-Visual Resources Inventory, 1/17/86

In general, adverse visual impacts are likely to occur when a project results in: a change in visual class and/or a significant change in visual quality ratings; introduces a high level of contrast to the existing visual character of the project site and area; the sensitivity of the viewers; and the visibility of the site.

9.0 IMPACT ANALYSIS

9.1 SCENIC VISTAS

Would the proposed Project cause substantial, adverse effects on a scenic vista?

No designated scenic vistas are located within visible distance of the Project site. The Project site includes existing and previously farmed land and is surrounded by rural and solar energy generation land uses and transportation and utility infrastructure. The Project area is not a scenic vista or visible from any designated scenic vista. No impact on scenic vistas would occur.

Level of Significance: No impact.

9.2 SCENIC HIGHWAYS

Would the proposed Project cause substantial damage to scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings, within a state scenic highway?

There are no officially designated or eligible state scenic highways in the vicinity of the Project site. The Fresno County General Plan identifies Interstate 5 as a locally designated scenic highway.

The Project site includes existing and previously farmed land and is surrounded by rural and solar energy generation land uses and transportation and utility infrastructure. The location of the Project site is shown in Figure 16. This photograph provides a typical view for drivers traveling along Interstate 5, likely traveling at a high rate of speed based on the posted speed limit of 65 miles per hour.

The proposed Project would convert active and fallow agricultural land that contributes to the scenic qualities of views. From Interstate 5, the solar arrays would be barely visible in the background view. The solar panels and related fencing would be barely discernable and would blend into the agricultural land use pattern at this distance. The Project's gen-tie line pole followed by the substation and battery storage buildings would be the tallest of the Project's features in this view, though they would be smaller and less noticeable than the existing power line corridor. With the rate of travel along Interstate 5, the lack of visibility or visual contrast, it is unlikely that travelers along Interstate 5 would notice the Project.

Based on these considerations, including the low profile of the Project facilities combined with the various existing visual encroachments in surrounding areas, the Project would not result in a substantial damage to scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway. For these reasons, no impact would result.

Level of Significance: No impact.

9.3 VISUAL CHARACTER

In non-urbanized areas, would the proposed Project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point).

Existing views and the analysis of visual change are described below. The location and view direction of KOP photographs are shown on Figure 9. Existing and simulated KOP figures are provided in Figures 11, 13, and 15.

Luna Valley Solar
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Figure 16
Views of Project Site from I-5

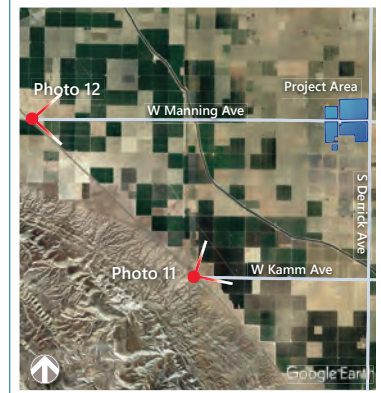


Photo 11



Photo 12

Photo 11 – View of Project site from Kamm Avenue / I-5 overpass
Photo 12 – View of Project site from Manning Avenue / I-5 overpass



The Project site is rural in character with a wide variety of visual encroachments, including scattered ranch structures, local electrical distribution lines and high-voltage transmission lines, roadways, and solar facilities. The Project site is located in an area that has been subjected to significant alteration due to prior agricultural uses and solar facilities development. KOPs 1 through 3 provide representative views of the Project site's visual character and adjacent surroundings.

9.3.1 Construction

The proposed Project would involve both temporary and permanent changes to the visual character of the site. Temporary changes are associated with construction activities, including construction equipment, staging, and Site construction. These visual impacts would be short-term in nature and are not considered to be significant.

9.3.2 Operation

9.3.2.1 KOP 1

KOP 1 represents a view of the proposed Project from the southeast corner of Highway 33 and W. Dinuba Avenue, oriented northwest. This KOP reflects the views of northbound motorists on Highway 33 and of the occupants of the residence at the southeast corner of Highway 33 and W. Dinuba Avenue.

As shown in Figure 11, under existing conditions, agricultural fields and local electrical distribution lines are visible in the foreground. High-voltage transmission lines and towers and fencing, orchards, and vineyards are visible in the middle-ground. As shown in the simulation, the Project's solar panels would be visible and would transform part of the foreground from an agricultural visual character to an industrial character. The foothills of the Diablo Mountains would continue to be visible in the background, similar to existing conditions. An analysis of potential visual impacts is summarized in Table 4.

Table 4. Visual Quality Rating Analysis – KOP 1

Rated Feature	Pre-Development Score	Post-Development Score	Difference in Scores
Landform	2	2	0
Explanation	Project site and surrounding land are flat. Foothills are visible in the background.	Post-development the Project site would remain flat. Foothills would remain visible in the background.	
Detail	In the views of both existing and simulated conditions, the flat landforms in the foreground and middle-ground are predominate with views of the foothills are visible in the background. With no substantial change to the landforms on the Project site, no significant impact to landforms would result from Project implementation.		
Vegetation	1	1	0
Explanation	Little variation in low-lying agricultural crops.	Vegetation on the Project site would be removed.	
Detail	Both the existing and simulated view show little contrast in vegetation. Agricultural vegetation would remain in the foreground. Loss of views of low criteria rated vegetation would be a less than significant impact.		
Water	0	0	0
Explanation	No water is present on the Project site or in the Project area.	The Project would not introduce water to the Project site.	
Detail	Neither existing nor simulated views include any water features.		

Rated Feature	Pre-Development Score	Post-Development Score	Difference in Scores
Color	1	1	0
Explanation	Muted color with little variation: tans in the foreground associated with agricultural fields; dark colors associated with existing orchards and vineyards in the middle-ground.	Muted color with little variation: tans in the foreground associated with agricultural fields would remain in the foreground; dark colors would appear closer in the middle-ground.	
Detail	Predominate colors from this viewpoint are associated agricultural fields and existing fencing. The Project would increase the amount of dark color, however, loss of views of low criteria rated color would be a less than significant impact.		
Adjacent Scenery	2	2	0
Explanation	Adjacent scenery provides views of agricultural vegetation. Foothills are visible in the background.	Adjacent scenery would remain visible and foothills would remain visible in the background.	
Detail	Adjacent scenery consists of flat lands with agricultural fields. The Project would replace views of agricultural fields on the Project site with solar facilities, however, foothills would still be visible.		
Scarcity	1	1	0
Explanation	Similar viewsheds throughout the region. No unique or unusual aspects.	Views of agricultural fields would be decreased and views of solar facilities would be increased.	
Detail	Existing views of agricultural fields and solar facilities are typical of the San Joaquin Valley and are not unique or unusual.		
Cultural Modifications	-1	-2	1
Explanation	Manmade modifications in this view include utility and transmission lines and structures and fencing in the middle-ground. These features are somewhat discordant with the surrounding landscape.	The Project would increase manmade modifications in this view with the introduction of solar facilities that would replace the open agricultural space.	
Detail	The existing view exhibits manmade modifications to the landscape of open agricultural space. The Project would introduce views of solar facilities in the foreground, primarily of solar panels. The Project would be discordant with the foreground landscape but due to the other solar facilities in the immediate area would not be an unexpected modification.		
Totals	6	5	1

The scenic quality of KOP 1, both under existing conditions and post development of the Project, is identified as low (Class IV). Visual encroachments including road infrastructure, overhead utility distribution lines, and fencing are distributed throughout the landscape. The Project would increase the visual encroachments and decrease the amount of agriculture open space. Drivers traveling northbound along Highway 33, would have a short duration of viewing the Project site and are expected to have a low viewer sensitivity to the visual changes on the Project site. Occupants of the residence at the southeast corner of Highway 33 and W. Dinuba Avenue would be expected to be more sensitive to the visual changes on the Project site. However, views of solar facilities are not unexpected in the immediate vicinity

and views of agriculture open space would remain in the foreground. Therefore, the impacts would be less than significant.

9.3.2.2 KOP 2

KOP 2 represents a view of the proposed Project from the northeast corner of Highway 33 and W. South Avenue, oriented southwest. This KOP reflects the views of southbound motorists on Highway 33. Due to distance and intervening vegetation and structures, views of the Project site are not available from the residences along Adams Avenue.

As shown in Figure 13, under existing conditions, agricultural fields and local electrical distribution lines are visible in the foreground. High-voltage transmission lines and towers and solar facilities are visible in the middle-ground. As shown in the simulation, the Project’s solar panels would be visible and would transform part of the foreground from an agricultural visual character to an industrial character. The Diablo Mountains would continue to be visible in the background, similar to existing conditions. An analysis of potential visual impacts is summarized in Table 5.

Table 5. Visual Quality Rating Analysis – KOP 2

Rated Feature	Pre-Development Score	Post-Development Score	Difference in Scores
Landform	2	2	0
Explanation	Project site and surrounding land are flat. Mountains are visible in the background.	Post-development the Project site would remain flat. Mountains remain visible in the background.	
Detail	In the views of both existing and simulated conditions, the flat landforms in the foreground and middle-ground predominate with views of the mountains visible in the background. With no substantial change to the landforms on the Project site, no significant impact to landforms would result from Project implementation.		
Vegetation	1	1	0
Explanation	Little variation in low-lying agricultural crops.	Vegetation on the Project site would be removed.	
Detail	Both the existing and simulated view show little contrast in vegetation. Agricultural vegetation would remain in the foreground. Loss of views of low criteria rated vegetation would be a less than significant impact.		
Water	0	0	0
Explanation	No water is present on the Project site or in the Project area.	The Project would not introduce water to the Project site.	
Detail	Neither existing nor simulated views include any water features.		
Color	1	1	0
Explanation	Muted color with little variation: tans in the foreground associated with agricultural fields; dark colors associated with existing solar facilities in the middle-ground.	Muted color with little variation: tans in the foreground associated with agricultural fields would remain in the foreground; dark colors associated with Project’s solar panels would appear closer in the middle-ground.	
Detail	Predominant colors from this viewpoint are associated with agricultural fields and existing solar facilities. The Project would increase the amount of dark color, however, loss of views of low criteria rated color would be a less than significant impact.		

Rated Feature	Pre-Development Score	Post-Development Score	Difference in Scores
Adjacent Scenery	2	2	0
Explanation	Adjacent scenery provides views of agricultural vegetation, solar facilities. Mountains are visible in the background.	Adjacent scenery would remain visible. Mountains would remain visible in the background.	
Detail	Adjacent scenery consists of flat lands with agricultural fields. The Project would replace views of agricultural fields on the Project site with solar facilities, however, mountains would still be visible.		
Scarcity	1	1	0
Explanation	Similar viewsheds throughout the region. No unique or unusual aspects.	Views of agricultural fields would be decreased and views of solar facilities would be increased.	
Detail	Existing views of agricultural fields and solar facilities are typical of the San Joaquin Valley and are not unique or unusual.		
Cultural Modifications	-1	-2	1
Explanation	Manmade modifications in this view include utility and transmission lines and structures and solar facilities in the middle-ground. These features are somewhat discordant with the surrounding landscape.	The Project would increase manmade modifications in this view with the introduction of solar facilities that would replace the open agricultural space.	
Detail	The existing view exhibits manmade modifications to the landscape of open agricultural space. The Project would introduce views of solar facilities in the foreground, primarily of solar panels. The Project would be discordant with the foreground landscape but due to the other solar facilities in the immediate area would not be an unexpected modification.		
Totals	6	5	1

The scenic quality of KOP 2, both under existing conditions and post development of the Project, is identified as low (Class IV). Visual encroachments including road infrastructure, overhead utility distribution lines, and solar facilities are distributed throughout the landscape. The Project would increase the visual encroachments and decrease the amount of agriculture open space. Drivers traveling southbound along Highway 33, would have a short duration of viewing the Project site and are expected to have a low viewer sensitivity to the visual changes on the Project site. Therefore, the impacts would be less than significant.

9.3.2.3 KOP 3

KOP 3 represents a view of the proposed Project from the east of the Project site and Highway 33 on W. Manning Avenue, oriented west. This KOP reflects the views of motorists traveling west on W. Manning Avenue.

As shown in Figure 15, under existing conditions, agricultural fields and local electrical distribution lines are visible in the foreground with orchards and vineyards in the background. The Diablo Mountains are visible in the background. As shown in the simulation, the Project’s solar panels would be visible and would transform the foreground from an agricultural visual character to an industrial character. The Diablo

Mountains would continue to be visible in the background, similar to existing conditions. An analysis of potential visual impacts is summarized in Table 6.

Table 6. Visual Quality Rating Analysis – KOP 3

Rated Feature	Pre-Development Score	Post-Development Score	Difference in Scores
Landform	2	2	0
Explanation	Project site and surrounding land are flat. Mountains are visible in the background.	Post-development the Project site would remain flat. Mountains remain visible in the background.	
Detail	In the views of both existing and simulated conditions, the flat landforms in the foreground and middle-ground predominate with views of the mountains visible in the background. With no substantial change to the landforms on the Project site, no significant impact to landforms would result from Project implementation.		
Vegetation	1	1	0
Explanation	Little variation in low-lying agricultural crops.	Vegetation on the Project site would be removed.	
Detail	The existing view shows little contrast in vegetation. The simulated view show very little agricultural vegetation remaining in the foreground. Loss of views of low criteria rated vegetation would be a less than significant impact.		
Water	0	0	0
Explanation	No water is present on the Project site or in the Project area.	The Project would not introduce water to the Project site.	
Detail	Neither existing nor simulated views include any water features.		
Color	1	1	0
Explanation	Muted color with little variation: tans in the foreground associated with agricultural fields. Dark color associated with orchards and vineyards in the background.	Dark color with little variation dominates in the foreground; small amount of tan associated with agricultural fields remains in the foreground.	
Detail	For existing conditions, predominant colors from this viewpoint are associated with the tans of agricultural fields. With the Project, predominant colors are associated with the dark color of the Project panels, however, loss of views of low criteria rated color would be a less than significant impact.		
Adjacent Scenery	2	0	2
Explanation	Adjacent scenery provides views of agricultural vegetation, solar facilities. Mountains are visible in the background.	With the exception of the mountains in the background, adjacent scenery would not remain visible.	
Detail	Adjacent scenery consists of flat lands with agricultural fields. The Project would replace views of agricultural fields on the Project site with solar facilities, however, mountains would still be visible.		
Scarcity	1	1	0
Explanation	Similar viewsheds throughout the region. No unique or unusual aspects.	Views of agricultural fields would be decreased and views of solar facilities would be increased.	

Rated Feature	Pre-Development Score	Post-Development Score	Difference in Scores
Detail	Existing views of agricultural fields and solar facilities are typical of the San Joaquin Valley and are not unique or unusual.		
Cultural Modifications	-1	-2	1
Explanation	Manmade modifications in this view include roadways, street lights, utility lines, and solar facilities in the foreground and middle-ground. These features are slightly discordant with the surrounding landscape.	The Project would increase manmade modifications in this view with solar facilities that would replace the open agricultural space.	
Detail	The existing view exhibits manmade modifications to the landscape of open agricultural space. The Project would introduce dominant views of solar facilities in the foreground. The Project would be discordant with the foreground landscape but due to the other solar facilities in the immediate area would not be an unexpected modification.		
Totals	6	3	3

The scenic quality of KOP 3, under existing conditions is identified as low (Class IV). Visual encroachments including road infrastructure, overhead utility distribution lines, and solar facilities are distributed throughout the landscape. The Project would increase the visual encroachments and decrease the amount of agriculture open space. Drivers traveling westbound along W. Manning Avenue would have a short duration of viewing the Project site and are expected to have a low viewer sensitivity to the visual changes on the Project site. Therefore, the impacts would be less than significant.

Level of Significance: Less than Significant.

9.4 LIGHT & GLARE

Would the proposed Project create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?

The Project is not expected to create a substantial new source of nighttime lighting or daytime glare. The proposed Project will provide external safety lighting for both normal and emergency conditions at the primary access points. Lighting will be designed to provide the minimum illumination needed to achieve safety and security and will be downward facing and shielded to focus illumination in the immediate area.

The Fresno County Public Works and Planning Department currently conditions discretionary projects such that exterior lighting be hooded and directed so as to avoid glare onto adjacent roads or properties (County of Fresno 2019).

All lighting associated with the proposed Project will be subject to County approval and compliance with Fresno County requirements. Therefore, the Project will have a less than significant impact associated with nighttime lighting.

Unlike solar thermal facilities, which rely on large fields of mirrors to reflect light, the potential reflection from solar PV modules is inherently low since they are designed to capture and not to reflect sunlight. PV panels have a lower index of refraction/reflectivity than common sources of glare in residential environments. The glare and reflectance levels from a given PV system are lower than the glare and reflectance levels of steel, snow, standard glass, plexiglass, and smooth water (Shields 2010). The glare and reflectance levels of modules are further reduced with the application of anti-reflective coatings. PV

suppliers typically use stippled glass for panels as the “texturing” of the glass to allow more light energy to be channeled/transmitted through the glass while weakening the reflected light. With the application of anti-reflective coatings and use of modern glass technology, project PV panels would display overall low reflectivity. In addition, because tracker systems follow the sun, the underside of the PV panels and most of the structure supporting them are shadowed throughout the day.

Moreover, light reflected from the PV panels would travel above the line of site of most, if not all, viewers. PV tracking systems position the array so that the sun’s rays are always perpendicular to the face of the panel. What light is reflected from the panels is reflected back towards the sun. During midday conditions, when the sun is high in the sky, the rays of the sun are reflected directly upwards. For example, when the sun is low on the horizon (near dawn or dusk), the sun’s angle in the sky is low; however, reflected rays would still be directed away from ground-level receptors because the maximum downward angle of the arrays would not be below 30 degrees. Similarly, and also due to their low reflectivity, the panels are not expected to cause visual impairment for motorists on area roadways. This is also expected for pilots arriving and departing at San Joaquin Airport, as in addition to the low reflectivity, the airport is located over nine miles to the east of the Project (AirNav 2020).

Level of Significance: Less than significant impact.

10.0 REFERENCES

AirNav.com

2020. CA32 San Joaquin Airport, San Joaquin, California, USA. Website:
<https://www.airnav.com/airport/CA32>. Accessed September 11, 2020.

BLM (Bureau of Land Management)

1986. Visual Resource Inventory. *BLM Manual Handbook H-8410-1*.

Caltrans (California Department of Transportation)

2018. California Interstate 5 Exit List. <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/traffic-control/nexus/f0017888-5.pdf>. October 8, 2018

2019. Scenic Highway System Lists. <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>. Accessed April 22, 2020.

County of Fresno

2019. 2018 General Plan Annual Progress Report, March 2019.

2000. Fresno County General Plan Policy Document, October 3, 2000.

FHWA (Federal Highway Administration)

America's Byways, California, Central Valley Section Map,
https://www.fhwa.dot.gov/byways/states/CA/maps/Central_Valley. Accessed April 22, 2020.

Shields, Mark

2010. PV Systems: Low Levels of Glare and Reflectance vs. Surrounding Environment.

Appendix D

Agricultural Resources: Land Evaluation and Site Assessment (LESA)



Administrative Draft

Technical Memorandum

Date: May 12, 2020
To: Aarty Joshi, Senior Manager, Environmental Permitting
Clearway Energy Group
From: Jessica Taylor, Soil Conservationist/Ecologist, Tetra Tech, Inc.
Subject: Land Evaluation and Site Assessment for the Luna Valley Solar - Project, Fresno
County, California

1.0 Introduction

The Land Evaluation and Site Assessment (LESA) model is an approach for rating the relative quality of land resources based upon specific measurable features. The LESA model was first developed by the federal Natural Resource Conservation Service (NRCS) in 1981. It was subsequently adapted in 1990 by the California Department of Conservation to evaluate land use decisions that affect the conversion of agricultural lands in California (Public Resources Code Section 21095). The formulation of the California Agricultural LESA Model is intended to provide lead agencies under the California Environmental Quality Act with a methodology to ensure that agricultural land conversions are quantitatively and consistently considered in the environmental review process.

Luna Valley Solar I, LLC (Applicant) is proposing to develop, own, and operate the Luna Valley Solar Project (Project) in Fresno County, California, 9 miles west-southwest of the city of Tranquility within the unincorporated area of Levis (Figure 1). The Project, which includes a solar electricity generating facility and energy storage system, will be located on land that has historically been used to produce dryland wheat and alfalfa and in dry years used to graze livestock. The soils are limited by high mineral content and a high water table and so are unsuitable for irrigated crops in this arid region (NRCS 2020). Average precipitation in the immediate vicinity of the Project site is 8 inches per year (NOAA 2020).

The analysis concludes that the conversion of the approximately 1,300 acres of agricultural land by the project **will not result in a significant loss of farmland** according to the LESA Model.

2.0 California Land Evaluation and Site Assessment Model

The following sections align with the California LESA Model worksheets published by the NRCS. Each section is built on the information in the previous section and results in a final score that is the basis for the final determination. The scores for each section are derived from the tables within the LESA manual.

Land Capability Classification and Storie Index Scores

The Land Capability Classification (LCC) indicates the suitability of soils for most kinds of crops. Soils are rated from Class I to Class VIII, with soils having the fewest limitations receiving the highest rating. Subclasses designated with a lower-case letter (identified as e, w, s, or c) are typically used in conjunction with the roman numerals to further describe soil limitations. The letter “e” indicates that the

main limitation of the soil is erosion; “w” indicates that the presence of water either within or on the soil causes limitation in plant growth; “s” indicates that the soil is shallow, droughty, or stony; and “c” indicates that the limitation is a climate that is generally too cold or hot for many plants. The LCC has separate scales used independently for irrigated and non-irrigated lands.

The NRCS supplied Storie Index provides a numeric rating (based upon a 100-point scale) of the relative degree of suitability or value of a given soil for intensive agriculture use. The rating is based only on soil characteristics, such as depth, texture of the surface soil, density of the subsoil, drainage, salts and alkalinity, and relief. Other factors, such as availability of water for irrigation and climate are not considered in the Storie Index.

Table 1 shows the LCC and Storie Index Scores for the three soil types found within the Project site. The LESA model score is based on the irrigated LCC. All three of the onsite soils are known for having a high selenium content which, combined with the high water table on the Project site, make irrigated farming impractical. The non-irrigated LCC scores for the three soils on site are 7w, 7s, and 7s, all of which are considered to have very severe limitations. These limitations make them unsuitable for cultivation and restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat (NRCS 2020).

Table 1. Land Capability Classification and Storie Index Scores

A	B	C	D	E	F	G	H
Soil Map Unit ¹	Project Acres	Proportion of Project Area	LCC ¹ (irrigated)	LCC Rating ² (irrigated)	LCC Score (C x E)	Storie Index ¹	Storie Index Score (C x G)
286	365.9	0.3	IIIw	60	16.9	21	5.9
461	430.2	0.3	IIIs	60	19.9	30	9.9
482	503.9	0.4	IIIs	60	23.3	65	25.2
Totals	11,300.0	1		LCC Total Score	60.0	Storie Index Total Score	41.0
¹ The Soil Map Unit information and acreage, LCC and Storie Index information were determined from the current soil survey information available at the U.S. Department of Agriculture Natural Resources Conservation Service website: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx .							
² The LCC Rating for irrigated land was determined from the LCC Point Rating Table 2 from the LESA Instruction Manual (CDC 1997).							

Project Size Scores

The Project Size rating recognizes the role that farm size plays in the viability of commercial agricultural operations. In general, larger farming operations can provide greater flexibility in farm management and marketing decisions. Larger operations tend to have greater impacts upon the local economy through direct employment. In terms of agricultural productivity, the size of the farming operation can be considered not just from its total acreage, but the acreage of different quality lands that comprise the operation. Lands with higher quality soils lend themselves to greater diversity in crop selection and the potential for greater economic return per acre unit. The Project Size rating is determined by summing the acres in a project that fall within one of three consolidated LCC categories.

Under the Project Size Score rating (Table 2), relatively fewer acres of high-quality soils are required to achieve a maximum Project Size Score. The proposed Project site received the maximum score in the LCC Class III category and scores of 0 in the remaining categories.

Table 2. Project Size Scores

	LCC Class I-II	LCC Class III	LCC Class IV-VIII
Total Acres	0	1300.0	0
Project Size Scores ¹	0	100	0
Highest Project Size Score	100		
¹ Project Size Score was determined from the Project Size Scoring Table from the LESA Instruction Manual (CDC 1997).			

Water Resources Availability

The Water Resources Availability rating for the Project is based upon identifying the various sources that may supply the Project area, and then determining whether different restrictions in supply are likely to take place in years that are characterized as being periods of drought and non-drought. Table 3 summarizes the limited water availability in the Project area.

The Water Resources Availability Score is scored on a scale of 1–100. The historic cropping system was dryland wheat and/or alfalfa and was left fallow during drought years. The soils are not amenable to irrigation due to high levels of selenium and so dryland cropping and/or livestock grazing are the only suitable agricultural uses. The Project site has not been irrigated.

Table 3. Water Resources Availability

A	B	C	D	E
Project Portion	Water Source	Proportion of Project Area	Water Availability Score ¹	Weighted Availability Score (C x D)
All	None	0	0	0
Total Water Resource Score				0
¹ Water Resources Availability Score was determined from the scoring table from the LESA Instruction Manual (CDC 1997).				

Surrounding Agricultural Land Rating

The Surrounding Agricultural Land Rating is designed to provide a measurement of the level of agricultural land use for lands within the Zone of Influence of the Project area. The California Agricultural LESA Model rates the potential significance of the conversion of an agricultural parcel that has a large proportion of surrounding land in agricultural production more highly than one that has a relatively small percentage of surrounding land in agricultural production.

The Surrounding Protected Resource Land Rating is essentially an extension of the Surrounding Agricultural Land Rating and is scored in a similar manner. Protected resource lands are those lands with long term use restrictions that are compatible with or supportive of agricultural uses of land including: publicly owned lands maintained as park, forest, or watershed resources; Williamson Act contracted lands; and lands with natural resource easements that restrict the conversion of such land to urban or industrial uses.

The Zone of Influence is the amount of surrounding lands up to a minimum of one-quarter mile from the project boundary. Table 4 summarizes the findings for the Project.

Table 4. Surrounding Agricultural Land Rating

A	B	C	D	E	F	G
Zone of Influence					Surrounding Agricultural Land Score ¹	Surrounding Protected Resource Land Score ¹
Total Acres	Acres in Agriculture ¹	Acres of Protected Resource Land ¹	Percent in Agriculture (B/A)	Percent Protected Resource Land (C/A)		
5145	1550	580	30%	11%	0	0
¹ Acres were determined based on data from Fresno County Parcel Assessment Roll (Fresno County 2020). ² Score was determined from the scoring table from the LESA Instruction Manual (CDC 1997).						

Final LESA Score Sheet

The California LESA Model is weighted so that 50 percent of the total LESA score of a given project is derived from the Land Evaluation factors, and 50 percent from the Site Assessment factors. Table 5 provides the calculation of a final LESA score of 40.3 for the proposed Project.

Table 5. Final LESA Score Sheet

	Factor Scores	Factor Weight	Weighted Factor Scores
Land Evaluation Factors			
Land Capability Classification	60.0	0.25	15.0
Storie Index	41.0	0.25	10.3
<i>Land Evaluation Subtotal</i>		0.5	25.3
Site Assessment Factors			
Project Size	100	0.15	15.0
Water Resource Availability	0	0.15	0
Surrounding Agricultural Land	0	0.15	0
Protected Resource Land	0	0.05	0
<i>Site Assessment Total</i>		0.5	15.0
Final LESA Score			40.3

3.0 Final Result

According to the California Agricultural LESA Model Instruction Manual, a final LESA score ranging from 40–59 points is considered significant only if both the land evaluation and site assessment weighted factor subscores are each greater than 20 points (CDC 1997). For the proposed Project, the land evaluation score exceeds 20 points; however, the site assessment score is below the 20-point threshold. The proposed Project will not have a significant impact on agricultural land use within the Project area or Zone of Influence (Table 6).

Table 6. LESA Model Significance Determination

Total LESA Score	Scoring Decision
0–39 Points	Not considered significant
40–59 Points	Considered significant <i>only</i> if both the Land Evaluation and Site Assessment (found in Table E from the LESA Instruction Manual [CDC 1997]) weighted factor subscores are each <i>greater</i> than or equal to 20 points.

Table 6. LESA Model Significance Determination

Total LESA Score	Scoring Decision
60–70 Points	Considered significant <i>unless</i> either of the Land Evaluation and Site Assessment weighted factor subscores is <i>less</i> than 20 points.
80–100 Points	Considered significant

4.0 References

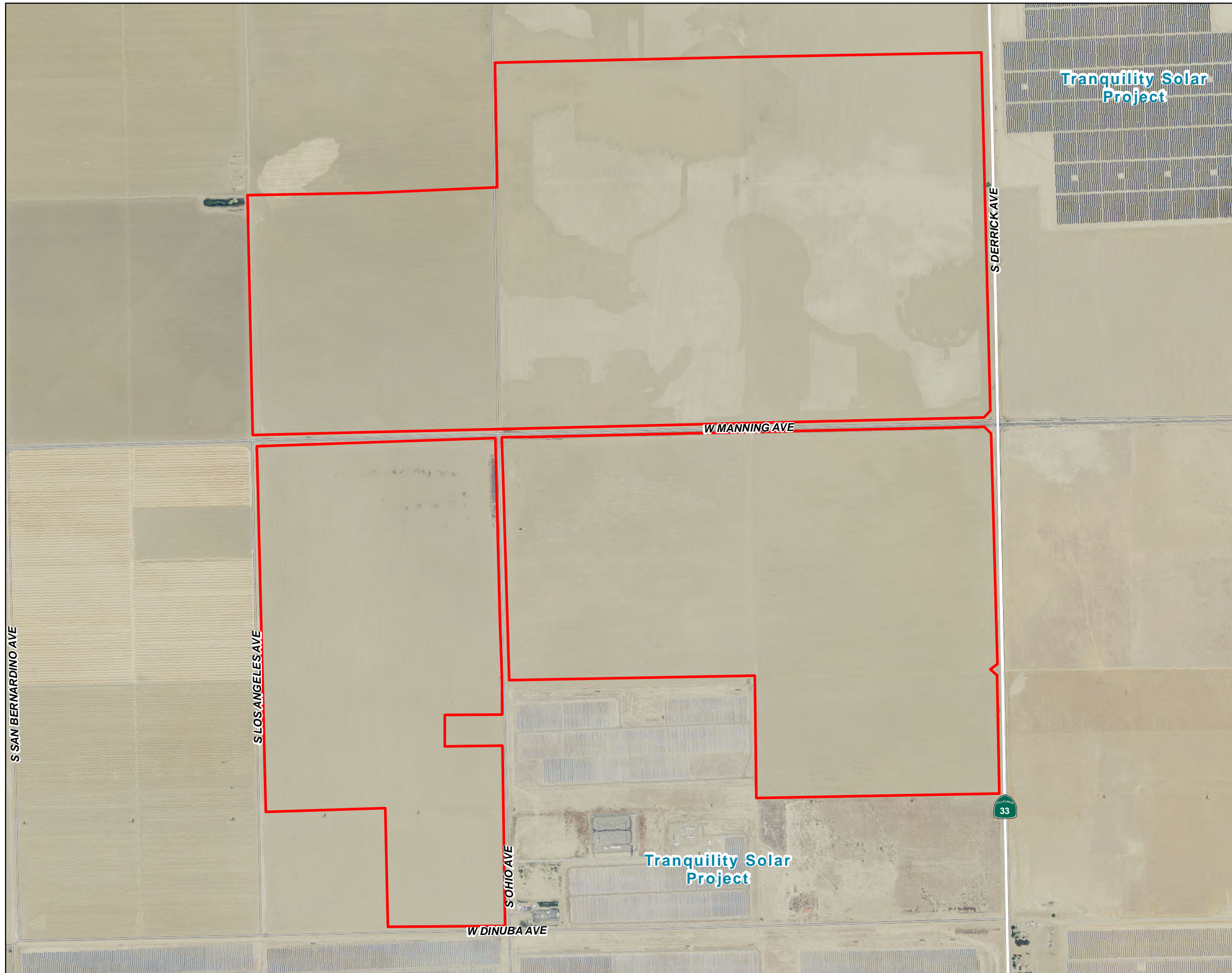
- California Department of Conservation (CDC). 1997. *California Agricultural Land Evaluation and Site Assessment Instruction Manual*. Available online at:
https://www.conservation.ca.gov/dlrp/Pages/qh_lesa.aspx. Accessed April 2020.
- Fresno County. 2020. Parcel Assessment Roll. Available online at:
<https://www.co.fresno.ca.us/departments/assessor/assessment-roll>. Accessed April 2020.
- Natural Resources Conservation Service (NRCS). 2020. Web Soil Survey. Available online at:
<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>. Accessed April 2020.
- National Oceanic and Atmospheric Administration (NOAA). 2020. National Weather Service. Fresno, California Climate Station. Available online at:
<https://w2.weather.gov/climate/index.php?wfo=hnx>. Accessed April 2020.

FIGURE

Luna Valley Solar Project

Fresno County, CA

Figure 1: Project Site



 Project Site

Transportation

 State Highway

 Local Road



0 0.25 0.5 Miles

Scale is 1:12,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

Appendix E

Air Quality, Greenhouse Gas Emissions, Energy, and Carbon Sequestration Loss



Appendix E1

Air Quality, Greenhouse Gas Emissions: Modeling and Report



AIR QUALITY AND GREENHOUSE GAS TECHNICAL REPORT

Luna Valley Solar Project
Fresno County, California



October 28, 2020

 **Clearway**
Luna Valley Solar I, LLC

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APPENDICES

- Appendix A. Detailed CalEEMod Output
- Appendix B. Ambient Air Quality Analysis
- Appendix C. AERMOD and HARP2 Output Files

ACRONYMS AND ABBREVIATIONS

2014 RTP/SCS	2014 Regional Transportation Plan and Sustainable Communities Strategy
AB	Assembly Bill
BPS	best performance standards
CAA	Clean Air Act
CalEEMod	California Emissions Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CH ₄	methane
CO	Carbon Monoxide
CO ₂	carbon dioxide
CO _{2e}	CO ₂ equivalent
EPA	U.S. Environmental Protection Agency
ESS	energy storage system
FCOG	Fresno Council of Governments
GWP	global warming potential
HAP	hazardous air pollutants
HFC	hydrofluorocarbon
ISR	Indirect Source Review
lbs/day	pounds per day
LOS	level of service
MT	metric tons
N ₂ O	nitrous oxide
NO ₂	Nitrogen Dioxide
NO _x	Oxides of Nitrogen
O ₃	Ozone
PFC	perfluorocarbons

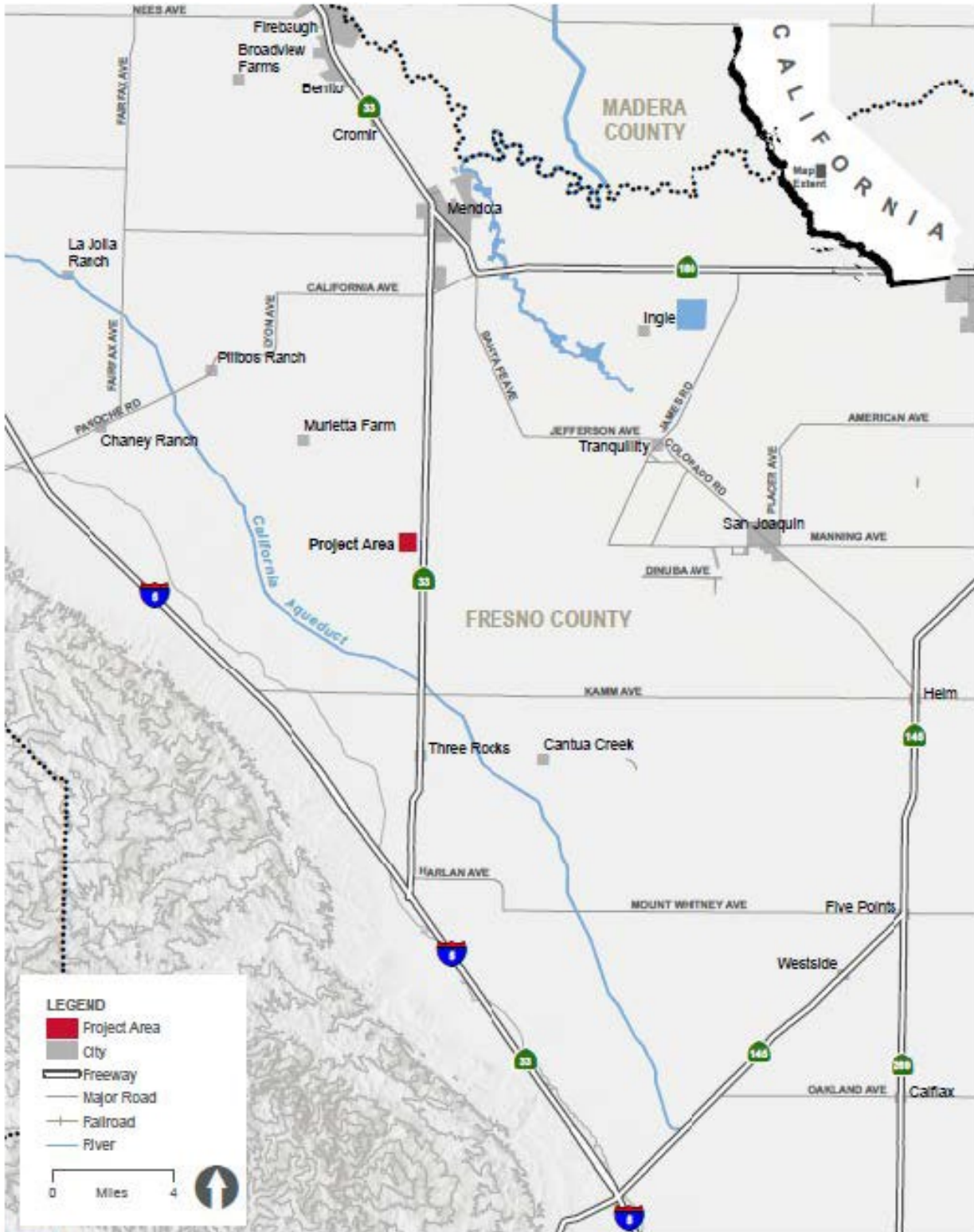
PM	Particulate Matter
Project	Luna Valley Solar Project
PV	photovoltaic
ROG	Reactive organic gases
SB	Senate Bill
SF ₆	sulfur hexafluoride
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TAC	Toxic Air Contaminants
Valley	San Joaquin Valley Air Basin

OVERVIEW

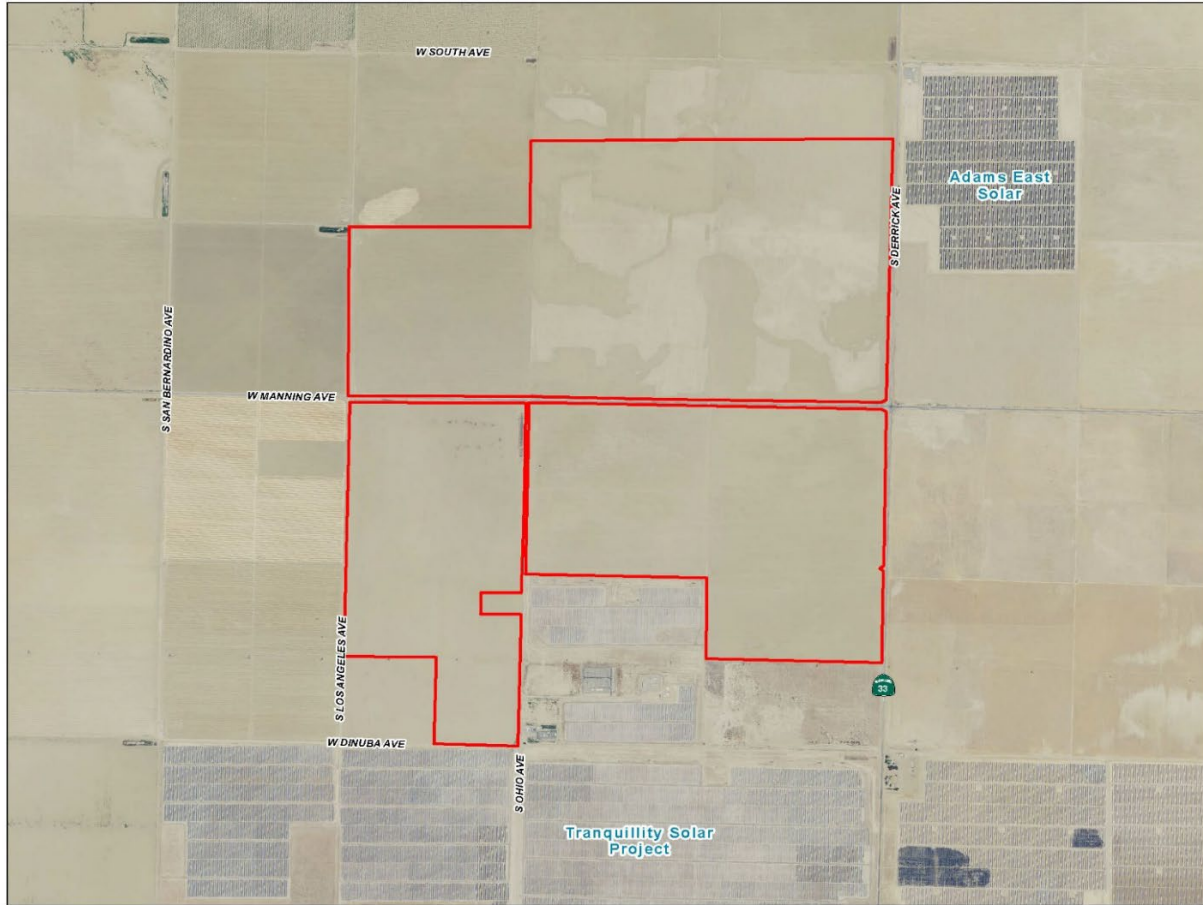
Luna Valley Solar I, LLC is proposing to develop, own, and operate the Luna Valley Solar Project (Project) in Fresno County, California, 9 miles west-southwest of the city of Tranquillity within the unincorporated area of Levis (Figure 1). The Project consists of constructing and operating a photovoltaic (PV) solar electricity generating facility, energy storage system, (ESS) and associated infrastructure that would produce up to 200 megawatts of alternating current energy at the point of electrical grid interconnection on approximately 1,300 acres of privately owned agricultural land (Figure 2) in western Fresno County. The Project would include the construction of solar arrays, an electrical substation and electrical interconnection facilities, an energy storage system and other necessary infrastructure including an operation and maintenance building, septic system and leach field, a supervisory control and data acquisition system, a meteorological data system, buried conduit for electrical wires, overhead collector lines, on-site access roads and security fencing.

The air quality analysis presented in this report evaluates the potential air quality impacts associated with the proposed Project. The proposed schedule for construction begins in 2022 for a duration of 16 months, completing in 2023. Because the Project is located within the jurisdiction of the San Joaquin Valley Air Pollution Control District (SJVAPCD), the air quality analysis follows SJVAPCD's guidelines. This report also provides estimates of greenhouse gas (GHG) emissions from the combustion of fossil fuels, primarily from construction of the proposed facility.

In summary, the air quality and GHG analysis concludes that emissions during short-term construction and during long-term operation of the project will not exceed the California Environmental Quality Act (CEQA) significant thresholds established by the SJVAPCD. Therefore, the project does not pose significant adverse impacts on local air quality or global climate change.



**PROJECT LOCATION
FIGURE 1**



**PROJECT SITE
FIGURE 2**

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

Tetra Tech has prepared an air quality analysis report to evaluate potential air quality and GHG impacts associated with the proposed solar project. This analysis was prepared in accordance with the San Joaquin Valley Air Pollution Control District's (SJVAPCD) Guide for Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015a). This report has been prepared to support an environmental review with the County of Fresno as lead CEQA agency for the Project. The California Air Resources Board (CARB) and the SJVAPCD's methods, standards, and significance thresholds used in this analysis are considered appropriate for determining whether impacts require mitigation measures to be implemented.

Air quality impacts from grading and construction sources were analyzed based on the equipment used, length of time for a specific construction task, equipment power type (gasoline or diesel engine), equipment emission factors established by the U.S. Environmental Protection Agency (EPA; AP-42 handbooks), horsepower, load factor, and percentage of time in use. Exhaust and dust emissions from worker commutes and travel were calculated based on available information regarding these activities. Fugitive dust (fine particulate matter equal to or less than 10 microns [PM₁₀] and fine particulate matter equal to or less than 2.5 microns [PM_{2.5}]) emissions would result from wind erosion of exposed soil and soil storage piles, grading operations, and vehicles traveling on paved and unpaved roads. These emissions were calculated based on construction information available and provided to Tetra Tech. Motor vehicle pollutant emissions associated with the project were estimated for future conditions, utilizing information on facility operations. The California Emissions Estimator Model (CalEEMod; CAPCOA 2016) was used to calculate the emissions associated with vehicle trips from the project site. Emissions associated with long-term stationary sources, including an emergency engine, were also quantified using CalEEMod. The total project construction and operational emissions were compared to the SJVAPCD threshold criteria, and a determination of significance was made.

A discussion of GHGs and their potential effects on global climate change is included. Emissions of carbon dioxide (CO₂), a key GHG identified in Assembly Bill (AB) 32, and other major GHGs such as methane (CH₄) and nitrous oxide (N₂O) from direct and indirect project-related sources were calculated. Tetra Tech calculated the construction-related GHG emissions commensurate with available project specific information. Standard measures for construction activities recommended by the SJVAPCD were identified and incorporated as part of the project's standard conditions. Potential GHG impacts and benefits associated with the proposed solar project were calculated.

1.2 PROJECT DESCRIPTION

The Project consists of constructing and operating a PV solar electricity generating facility and energy storage system (ESS) and associated infrastructure that would produce up to 200 megawatts of alternating current energy at the point of electrical grid interconnection on approximately 1,300 acres of privately owned agricultural land (Figure 2) in western Fresno County. The Project would include the construction of solar arrays, an electrical substation and electrical interconnection facilities, an energy storage system and other necessary infrastructure including an operation and maintenance building, septic system and leach field, a supervisory control and data acquisition system, a meteorological data system, buried conduit for electrical wires, overhead collector lines, on-site access roads and security fencing.

1.3 REGIONAL AND LOCAL SETTING

The Project site is located within the Central Valley region of Fresno County. The region consists of a single broad, flat valley, drained by the San Joaquin River and its tributaries, bound by the Sierra Nevada

to the east and the Coast Range to the west. The elevation ranges from about 150 to 450 feet above sea level. Historically, the dominant habitat types were arid grasslands and shrub lands with expansive Valley Oak riparian woodlands and freshwater emergent wetlands in the proximity of water sources. Today, most of the land has been converted for agricultural uses.

The Project site is in an unincorporated area of Fresno County 9 miles west-southwest of the city of Tranquillity. Land use in the area is mostly agricultural interspersed with sparse rural residential development and solar energy facilities that are currently operating or under development. The nearest rural residences are located approximately 1,500 feet from the southeast corner of the Project site along Highway 33. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of Project site. The cities of Mendota and San Joaquin are approximately 10 miles north and east of Project site, respectively. The San Joaquin Airport is roughly 9.5 miles east.

Interstate 5 is the only major transportation route near the site. The Interstate runs north to south connecting southern California to northern California and the Pacific Northwest. Near the site, the Interstate veers slightly south-southeast and thus is approximately 11 miles to the west as well as to the south of Project area. Most roadways in the immediate Project area vicinity are unimproved or paved without curb or sidewalk improvements. West Manning Avenue, which cuts through the Project area, connects the cities of Tranquillity and San Joaquin to Interstate 5. Highway 33, the eastern boundary of the Project area, connects the city of Mendota to the Interstate.

The nearest airport is the privately-owned San Joaquin Airport (CA32). The nearest major airport is the Fresno Yosemite International Airport, which is over 40 miles from the Project area. The nearest military facility is approximately 30 miles to the southeast at the Naval Air Station in Lemoore.

Figure 1 displays the Project location.

2.0 AIR QUALITY

2.1 ENVIRONMENTAL SETTING

2.1.1 Climate and Topography

The San Joaquin Valley Air Basin (Valley) is comprised of eight counties, representing 16 percent of California's geographic area. It is approximately 250 miles long and 35 miles wide (average) and has a bowl shaped topography with surrounding mountains on three sides. The Sierra Nevada Mountains are to the east, the Coast Ranges to the west, and the Tehachapi mountains to the south. At the northwest end, the Valley opens to the San Francisco Bay.

The Valley is in a Mediterranean Climate Zone, characterized by hot and dry summers with maximum temperatures that often exceed 100 degrees F, and winters with sparse rainfall. High pressure events can lead to temperature inversions, inhibiting vertical mixing and trapping air pollutants.

Winds in the Valley most frequently blow from the northwest, channeling air towards the southeastern end of the Valley. Marine air occasionally flows from the San Joaquin River Delta toward the south, over the Tehachapi pass. The Coastal Range and the Sierra Nevada range restrict air movement to the west and east, respectively. During winter, weak winds can lead to limited transport of pollutants (SJVAPCD 2015a).

2.1.2 Pollutants and Effects

The Clean Air Act (CAA) requires EPA to set National Ambient Air Quality Standards (NAAQS) for six common air pollutants. EPA calls these "criteria" air pollutants because it regulates them by developing health-based (primary) or environmentally-based (secondary) standards. These pollutants are summarized below.

Ozone (O₃) is a secondary pollutant that is formed from the reaction of nitrogen oxides and volatile organic compounds in the presence of sunlight. Ozone exists naturally in the stratosphere, shielding Earth from harmful ultraviolet radiation. However, at ground-level, ozone causes adverse health effects and is a major component of smog. High concentrations have been tied to respiratory ailments and cardiovascular disease, as well as damage to natural ecosystems, agricultural crops, and materials such as rubber, paint, and plastics.

Reactive organic gases (ROG) are composed of hydrocarbon compounds that contribute to the formation of smog through atmospheric chemical reactions. ROG are emitted from fuel combustion and industrial and agricultural processes. Compounds that make up ROG are often evaluated as part of a toxic risk assessment under AB 2588 provisions.

Nitrogen Oxides (NO_x) are a family of gaseous nitrogen compounds that result primarily from the combustion of fossil fuels. It is a precursor to the formation of ozone and particulate matter, and Nitrogen Dioxide (NO₂) is assigned with NAAQS and CAAQS.

Particulate Matter (PM) is comprised of solid particles and liquid droplets, made up of acids, organic chemicals, metals, and soil or dust particles. Particles that are 10 micrometers in diameter or smaller are a potential human health concern because they can enter the lungs, which can affect the heart and cause adverse health effects. They can be emitted directly to the atmosphere as well as formed in the atmosphere by chemical reactions among precursors. Particulate matter can be categorized based on their size:

Inhalable coarse particles (PM_{2.5}-PM₁₀) are between 2.5 and 10 micrometers in diameter. Sources include roads, farming activities, windblown dust as well as combustion sources.

Fine particles (PM_{2.5}) are 2.5 micrometers in diameter or smaller, generally emitted by combustion sources like vehicles, power generation, industrial processes and wood burning.

Carbon Monoxide (CO) is an odorless, colorless gas formed by the incomplete combustion of fuels emitted directly into the air. The main source of CO in the Valley is on-road motor vehicles. Therefore, CO problems tend to be localized with nonattainment areas designated in urban areas rather than the entire basin. With the introduction of new automotive emission controls and fleet turnover, emissions from motor vehicles have been declining.

Sulfur Dioxide (SO₂) is a colorless gas formed by the combustion of fossil fuels that contain sulfur. The Valley is in attainment of both the Federal and California standards for SO₂. The use of low-sulfur fuel has minimized problems with this pollutant.

2.1.3 Sensitive Receptors

Sensitive receptors are segments of the population most susceptible to poor air quality (i.e. children, the elderly, and those with pre-existing serious health problems related to respiratory distress). Land uses often identified as sensitive receptors include schools, parks, playgrounds, daycare centers, nursing homes, hospitals, and residential communities.

Land use in the area is mostly agricultural interspersed with sparse rural residential development and solar energy facilities that are currently operating or under development. The nearest rural residences are located approximately 1,500 feet from the southeast corner of the Project site along Highway 33. The greatest potential for exposure to air pollutants would occur during construction, when the ground would be disturbed from grading and delivery of materials. The construction emissions presented in this analysis are based on worst-case conditions, assuming maximum construction activity would occur simultaneously. In reality, exposure to emissions would vary substantially throughout construction, and would depend on the staging of the work being conducted, location of work relative to receptors, and weather conditions.

2.2 REGULATORY SETTING

Ambient air quality standards are the levels of air quality considered safe, with an adequate margin of safety, to protect the public health and safety. They are designed to protect those people most susceptible to respiratory distress (i.e., sensitive receptors), such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and people engaged in strenuous work or exercise. Healthy adults can tolerate occasional exposure to air pollutant concentrations considerably above these minimum standards before adverse effects are observed. Recent research suggests however, that long-term exposure to air pollution at levels that meet air quality standards may nevertheless have adverse health effects. For example, ozone exposure even at levels close to the ambient air quality standard may lead to adverse respiratory health.

The following discussion describes the regulatory authority of the federal, state and local jurisdictions. The federal CAA, the California Clean Air Act (CCAA), and the Air Quality Management Plan (AQMP), prepared and adopted by the SJVAPCD, regulate air quality in the air basin. Federal and state standards are shown in Table 1, State and Federal Air Quality Standards.

2.2.1 Federal Regulations

2.2.1.1 *Criteria Air Pollutants*

The federal CAA (42 United States Code Section 7401-7671q) is a comprehensive Federal law that regulates air emissions from area, stationary, and mobile sources and requires the adoption of the NAAQS to protect public health and welfare from the effects of air pollution. The Federal CAA

Amendments of 1990 required that the EPA review all National Ambient Air Quality Standards with respect to health impacts and propose modifications or new rules as appropriate. In addition, the amendments of the 1990 federal CAA are associated with the attainment and maintenance of air quality standards, permits and enforcement, toxic air pollutants, acid deposition, stratospheric ozone protection and motor vehicles and fuels.

Current NAAQS are assigned to SO₂, CO, NO₂, O₃, PM₁₀, PM_{2.5}, and Lead. These pollutants are designated criteria pollutants.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal CAA amendments required the EPA to identify National Emission Standards for hazardous air pollutants (HAPs) to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. The 1990 federal CAA Amendments, which expanded the control program for HAPs, identified 189 substances and chemical families as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

The CCAA, passed by the California Legislature and signed into law by the Governor in 1988, assigns state-specific ambient air quality standards. The California standards are, in most cases, more stringent than federal standards. The goal of the CCAA is to attain state air quality standards by the earliest practical date. Because California established Ambient Air Quality Standards several years before the federal action and because of unique air quality problems introduced by the restrictive dispersion meteorology in much of California, there can be a considerable difference between state and national clean air standards. Those standards currently in effect in California are shown on Table 1, State and Federal Ambient Air Quality Standards.

The CCAA requires each air pollution control district of an air basin designated as nonattainment of state ambient air quality standards to prepare and submit a plan for attaining and maintaining state standards. After further review of the relationship between fine particulate matter and human health effects, the CARB adopted new state standards on June 20, 2002 for PM_{2.5} that are more stringent than the federal standards. No specific control programs are in place to achieve this much more stringent standard. However, it does represent an air quality goal to dramatically reduce the adverse health effects from small-particle air pollution.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California Toxic Air Contaminants (TAC) list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) seeks to identify and evaluate risk from air toxics sources. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment, and if specific thresholds are exceeded, facilities are required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2016). The regulation is anticipated to result in an 80 percent decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, On-Road Heavy Duty (New) Vehicle Program, In-Use Off-Road

Diesel Vehicle Regulation, and New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel powered equipment. Several Airborne Toxic Control Measures reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 California Code of Regulations [CCR] 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

Table 1. State and Federal Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ¹		Federal Standards ²		
		Concentration ³	Method ⁴	Primary ^{3, 5}	Secondary ^{3, 6}	Method ⁷
Ozone (O ₃)	1 Hour	0.09 ppm (180 µg/m ³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m ³)		0.075 ppm (147 µg/m ³)		
Respirable Particulate Matter (PM ₁₀)	24 Hour	50 µg/m ³	Gravimetric or Beta Attenuation	150 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m ³		—		
Fine Particulate Matter (PM _{2.5})	24 Hour	—	—	35 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m ³	Gravimetric or Beta Attenuation	12 µg/m ³	15 µg/m ³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m ³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m ³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m ³)		9 ppm (10 mg/m ³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)		—	—	
Nitrogen Dioxide (NO ₂) ⁸	1 Hour	0.18 ppm (339 µg/m ³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m ³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)		0.053 ppm (100 µg/m ³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ⁹	1 Hour	0.25 ppm (655 µg/m ³)	Ultraviolet Fluorescence	75 ppb (196 µg/m ³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m ³)	
	24 Hour	0.04 ppm (105 µg/m ³)		0.14 ppm (365 µg/m ³) ⁹	—	
	Annual Arithmetic Mean	—		0.30 ppm (for certain areas) ⁹	—	

Pollutant	Averaging Time	California Standards ¹		Federal Standards ²		
		Concentration ³	Method ⁴	Primary ^{3, 5}	Secondary ^{3, 6}	Method ⁷
Lead (Pb) ^{10, 11}	30 Day Average	1.5 µg/m ³	Atomic Absorption	—	—	—
	Calendar Quarter	—		1.5 µg/m ³ (for certain areas) ⁹	Same as Primary Standard	High Volume Sampler and Atomic Absorption
Visibility Reducing Particles ¹²	8 Hour	See footnote 12	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates (SO ₄)	24 Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	24 Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹⁰	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

Source: California Air Resources Board (<http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>, updated 06/07/12), and U.S. Environmental Protection Agency (<http://www.epa.gov/air/criteria.html>, accessed January 2013)

- 1 California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, suspended particulate matter (PM₁₀, and PM_{2.5}) and visibility reducing particles, are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
- 2 National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest eight-hour concentration in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the EPA for further clarification and current national policies.
- 3 Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. The torr (symbol: Torr) is a non-SI unit of pressure with the ratio of 760 to 1 standard atmosphere, chosen to be roughly equal to the fluid pressure exerted by a millimeter of mercury, i.e., a pressure of 1 Torr is approximately equal to one millimeter of mercury. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
- 4 Any equivalent procedure which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.
- 5 National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect public health.
- 6 National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
- 7 Reference method as described by the EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the EPA.
- 8 To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
- 9 On June 2, 2010, a new 1-hour SO₂ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
- 10 CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects that are determined. These actions allow implementing control measures at levels below the ambient concentrations specified for these pollutants.
- 11 The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
- 12 In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

2.2.3 Local Regulations

2.2.3.1 San Joaquin Valley Air Pollution Control District

The CARB coordinates and oversees both State and federal air pollution control programs in California and has divided the State into 15 air basins. Significant authority for air quality control within each basin has been given to local Air Pollution Control Districts or Air Quality Management Districts that regulates

stationary source emissions and develops local non-attainment plans. The SJVAPCD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the Valley. The SJVAPCD jurisdiction includes all of Merced, San Joaquin, Stanislaus, Madera, Fresno, Kings, and Tulare counties, and the San Joaquin Valley portion of Kern County.

The SJVAPCD has developed plans to attain State and Federal standards for ozone and particulate matter. The following attainment plans are currently in effect:

1-Hour Ozone. Although the EPA revoked the 1-hour ozone standard in 2005, the Valley must still attain this standard. The SJVAPCD is in the process of requesting an EPA finding of attainment based on 2011-2013 ozone data and will continue working closely with ARB and EPA on this issue. The latest attainment plan is the *2013 Plan for the Revoked 1-Hour Ozone Standard* (SJVAPCD 2013).

8-Hour Ozone. The SJVAPCD has developed the *2016 Ozone Plan* (SJVAPCD 2016) to address EPA's 2008 8-hour ozone standard, which the Valley must attain by 2032. While the Valley is nearing its naturally-occurring background concentrations, attainment may not be possible without the virtual elimination of fossil fuel combustion.

PM₁₀. The SJVAPCD adopted the *2007 PM₁₀ Maintenance Plan and Request for Redesignation* (SJVAPCD 2007), which demonstrated that the Valley has reached and will continue to meet the PM₁₀ standard. EPA approved the document in 2008 and Valley was redesignated to attainment/maintenance.

PM_{2.5}. The SJVAPCD's 2008 PM_{2.5} Plan demonstrated attainment of the 1997 PM_{2.5} standard in 2014. EPA lowered the PM_{2.5} standard in 2006 and again in 2012, and the SJVAPCD's *2018 Plan for the 1997, 2006, and 2012 PM_{2.5} Standards* (SJVAPCD 2018) sets an attainment deadline of 2024.

The SJVAPCD's primary means of implementing air quality plans is by adopting and enforcing rules and regulations. Stationary sources within the jurisdiction are regulated by the SJVAPCD's permit authority and through its review and planning activities. Unlike stationary source projects, which encompass very specific types of equipment, process parameters, throughputs, and controls, air emissions sources from land use development projects are mainly mobile sources (traffic) and area sources (small dispersed stationary and other non-mobile sources), including exempt (i.e., no permit required) sources such as consumer products, landscaping equipment, furnaces, and water heaters. Mixed-use land development projects may include nonexempt sources, including devices such as small to large boilers, stationary internal combustion engines, gas stations, or asphalt batch plants.

Notwithstanding nonexempt stationary sources, which would be permitted on a case-by-case basis, SJVAPCD regulations VIII and IX generally apply to land use development projects and are described as follows:

Regulation VIII - Fugitive PM₁₀ Prohibition. Rule 8021 Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities. Pursuant to Rule 8021 Section 6.3, the Project would be required to develop, prepare, submit, obtain approval of and implement a Dust Control Plan, which would reduce fugitive dust impacts to less than significant for all construction phases of the Project.

Regulation IX - Mobile and Indirect Sources. Rule 9510 Indirect Source Review (ISR). The ISR rule went into effect March 1, 2006 and requires developers of new residential, commercial, and some industrial projects to reduce NO_x and PM₁₀ emissions generated by their projects. Pursuant to Rule 9510, the purpose of the ISR program is to reduce emissions of NO_x and PM₁₀ from new land development projects. Section 6.0 of the ISR rule outlines general mitigation requirements for developments that include reduction in construction emissions of 20 percent of the total construction NO_x emissions, and 45 percent of the total construction PM₁₀ exhaust emissions. The rule also requires the Project to reduce operational NO_x

emissions by 33.3 percent and operational PM₁₀ emissions by 50 percent, as compared to the unmitigated baseline. Section 7.0 of the ISR rule includes fee schedules for construction or operational excess emissions of NO_x or PM₁₀ those emissions above the goals identified in Section 6.0 of the rule. Monies collected from this fee are used by the SJVAPCD to fund emission reduction projects in the San Joaquin Valley Air Basin on behalf of the Project.

Rule 9610 State Implementation Plan Credit for Emission Reductions Generated through Incentive Programs. Rule 9610 provides an administrative mechanism for the SJVAPCD to receive credit towards SIP requirements for emission reductions achieved in the San Joaquin Valley Air Basin through incentive programs administered by the SJVAPCD, United States Department of Agriculture Natural Resources Conservation Service, or CARB. On April 9, 2015, EPA finalized a limited approval and limited disapproval (for a minor administrative error) of Rule 9610 as a revision to the California State Implementation Plan (SIP). Additional documentation regarding the effectiveness of the SJVAPCD's incentive programs can be found in 2015 Annual Demonstration Report SIP Credit for Emission Reductions Generated Through Incentive Programs (SJVAPCD 2015b).

2.2.3.2 Fresno Council of Governments

The Fresno Council of Governments (FCOG) is the regional planning agency for Fresno County and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. FCOG serves as the federally designated metropolitan planning organization for Fresno County. With respect to air quality planning and other regional issues, FCOG has prepared the 2014 Regional Transportation Plan and Sustainable Communities Strategy (2014 RTP/SCS) for the region (FCOG 2014). The 2014 RTP/SCS is a problem-solving guidance document that directly responds to what FCOG has learned about Fresno County's challenges through the annual State of the Region report card.

2.3 REGIONAL AND LOCAL AIR QUALITY CONDITIONS

2.3.1 San Joaquin Valley Air Basin Attainment Status

In an effort to protect human health and welfare, the CARB and EPA have established Ambient Air Quality Standards. Areas are considered in "attainment" if standards are met and "nonattainment" if they are not met. For ozone, nonattainment status is further classified as marginal, moderate, serious, severe or extreme.

At the federal level, the Valley is designated as a "extreme" non-attainment area for the 8-hour ozone standard, nonattainment for PM_{2.5}, and a maintenance area for PM₁₀. At the state level, the Valley is designated as a "severe" non-attainment area for 1-hour ozone standard, non-attainment for the 8-hour ozone standard, and non-attainment for both the PM₁₀ and PM_{2.5} standards. The attainment classifications for the criteria pollutants are presented in Table 2.

Table 2. San Joaquin Valley Attainment Status

Pollutant	Designation/Classification	
	Federal Standards	State Standards
Ozone (1-Hour)	No federal standard	Nonattainment/Severe
Ozone (8-Hour)	Nonattainment/Extreme	Nonattainment
NO ₂	Attainment/Unclassified	Attainment
CO	Attainment/Unclassified	Attainment/Unclassified
PM ₁₀	Attainment	Nonattainment
PM _{2.5}	Nonattainment	Nonattainment

Pollutant	Designation/Classification	
	Federal Standards	State Standards
SO ₂	Attainment/Unclassified	Attainment
Lead	No Designation/Classification	Attainment
Hydrogen Sulfide	No Federal Standard	Unclassified
Sulfates	No Federal Standard	Attainment
Visibility Reducing Particles	No Federal Standard	Unclassified
Vinyl Chloride	No Federal Standard	Attainment

Sources: SJVAPCD 2015a

2.3.2 Local Ambient Air Quality

An extensive air monitoring network operated by SJVAPCD, CARB, and the U.S. National Park Service measure concentrations for major pollutants to determine attainment status as well as generate air quality forecasts.

The closest ambient air quality monitoring station to the Project is the Tranquillity monitoring station, located approximately 1.4 miles to the north of the proposed Project, which collects both ozone and PM_{2.5} measurements. The closest monitor measuring NO₂ concentrations is the Madera-Pump Yard monitoring station, located approximately 27 miles northwest of the Project area. For PM₁₀, the closest monitor is the Fresno-Drummond monitoring station located approximately 36 miles east of the Project area. Finally, for SO₂, the Fresno-Garland monitoring station is the closest, located approximately 36 miles east of the proposed Project. For the purposes of this analysis, these monitoring locations were considered representative of the air quality experienced in the vicinity of the Project. Table 3 summarizes the most recent air quality data from 2016 through 2018 with the number of days exceeding the ambient air quality standards.

Table 3. Local Ambient Air Quality Monitoring Data for the Years 2016-2018

Averaging Period	2016	2017	2018
Ozone (O₃) – Tranquillity, California Monitoring Station (AQS Site ID: 06-019-2009)			
1-hour Maximum Concentration (ppm)	0.093	0.087	0.088
Number of days exceeding CAAQS = 0.09 ppm	0	0	0
8-hour Maximum Concentration	0.081	0.076	0.083
Number of days exceeding CAAQS = 0.070 ppm	21	10	7
Number of days exceeding NAAQS = 0.070 ppm	19	10	7
Nitrogen Dioxide (NO₂) – Madera-Pump Yard, California Monitoring Station (AQS Site ID: 06-039-0004)			
1-hour Maximum Concentration (ppb)	34	46	46
Number of days exceeding CAAQS = 180 ppb	0	0	0
Number of days exceeding NAAQS = 100 ppb	0	0	0
Annual Average Concentration (ppm) (53 ppb)	6	6	6
Carbon Monoxide (CO) – Tranquillity, California Monitoring Station (AQS Site ID: 06-019-2009)			
1-hour Maximum Concentration (ppm)	0.8	0.9	0.8
Number of days exceeding CAAQS = 20 ppm	--	--	--
Number of days exceeding NAAQS = 35 ppm	0	0	0
8-hour Maximum Concentration	0.4	0.5	0.7
Number of days exceeding CAAQS = 9.0 ppm	--	--	--
Number of days exceeding NAAQS = 9.0 ppm	0	0	0

Averaging Period	2016	2017	2018
Coarse Particulate Matter (PM₁₀) – Fresno-Drummond, California Monitoring Station (AQS Site ID: 06-039-2010)			
24-hour Maximum Concentration (µg/m ³)	88	121	155
Number of days exceeding CAAQS = 50 µg/m³	99	112	116
Number of days exceeding NAAQS = 150 µg/m³	0	0	0
Annual Average Concentration (state method) (µg/m ³) (20 µg/m³)	38	44	46
Fine Particulate Matter (PM_{2.5}) – Tranquillity, California Monitoring Station (AQS Site ID: 06-019-2009)			
24-hour Maximum Concentration (µg/m ³)	40	62	95
Number of days exceeding NAAQS = 35 µg/m³	2	6	16
Annual Average Concentration (µg/m ³) (12 µg/m³)	7.7	8.3	11.1
Sulfur Dioxide (SO₂) – Fresno-Garland, California Monitoring Station (AQS Site ID: 06-019-0011)			
1-hour Maximum Concentration (ppm)	0.008	0.0077	0.0072
Number of days exceeding NAAQS = 0.075 ppm	0	0	0
24-hour Maximum Concentration (ppm)	0.002	0.0023	0.0026
Number of days exceeding NAAQS = 0.14 ppm	0	0	0
Annual Average Concentration (ppm) (0.03 ppm)	0.00046	0.00062	0.00062

µg/m³ – microgram per cubic meter; CAAQS – California ambient air quality standards; NAAQS – National ambient air quality standards; ppb – parts per billion; ppm – parts per million

Sources: CARB 2016; EPA 2016

2.4 SIGNIFICANCE CRITERIA AND METHODOLOGY

2.4.1 Thresholds of Significance

2.4.1.1 California Environmental Quality Act Guidelines

The State of California has developed guidelines to address the significance of air quality impacts based on Appendix G of the CEQA Guidelines, which indicates that a project has significant air quality impact if the following occurs:

1. Conflict with or obstruct implementation of the applicable air quality plan;
2. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard;
3. Expose sensitive receptors to substantial pollutant concentrations; and
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

2.4.1.2 San Joaquin Valley Air Pollution Control District

In addition to the air quality criteria above, SJVAPCD's Guidance for Assessing and Mitigating Air Quality includes one additional criterion as follows:

5. Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Criteria Pollutants

The Guidance for Assessing and Mitigating Air Quality Impacts has established emissions-based thresholds of significance for criteria pollutants (SJVAPCD 2015a), which are shown in Table 4. The SJVAPCD has established significance thresholds for construction emissions and operational permitted

and non-permitted equipment and activities, and it recommends evaluating impact significance for these categories separately. These thresholds of significance are based on a calendar-year basis, although construction emissions are assessed on a rolling 12-month period.

Table 4. SJVAPCD Air Quality Thresholds of Significance – Criteria Pollutants

Pollutant	Construction Emissions (tons per year)	Operational Emissions (tons per year)	
		Permitted Equipment and Activities	Non-Permitted Equipment and Activities
ROG	10	10	10
NO _x	10	10	10
CO	100	100	100
SO _x	27	27	27
PM ₁₀	15	15	15
PM _{2.5}	15	15	15

Source: SJVAPCD 2015a

In addition to the annual emissions mass thresholds described in Table 4, the SJVAPCD has also established screening criteria to determine whether a project would result in a CO hotspot at affected roadway intersections (SJVAPCD 2015a). If neither of the following criteria are met at any of the intersections affected by the project, the project would result in no potential to create a violation of the CO standard:

- A traffic study for the project indicates that the level of service (LOS) on one or more streets or at one or more intersections in the project vicinity will be reduced to LOS E or F.
- A traffic study indicates that the project will substantially worsen an already existing LOS F on one or more streets or at more or more intersections in the project vicinity.

Ambient Air Quality Analysis

The SJVAPCD recommends that an Ambient Air Quality Analysis (AAQA) be performed when on-site emissions of any criteria pollutant would equal or exceed 100 pounds per day. If emissions of one criteria pollutant exceeds the threshold, then all criteria pollutants are to be modeled. In the AAQA, air pollutant concentrations are determined by conducting air dispersion modeling, adding the resulting concentrations to ambient background levels, and comparing to the applicable ambient air quality standard. A project would be considered to have a significant impact if its emissions are predicted to cause or contribute to a violation of an ambient air quality standard by exceeding any CAAQS or NAAQS. If an exceedance of the CAAQS or NAAQS is predicted, modeled concentrations may be compared to significant impact levels (SILs) to assess whether a project's emissions would contribute significantly to an existing violation of the CAAQS or NAAQS.

Toxic Air Contaminants

The SJVAPCD has established thresholds of significance for combined TAC emissions from the operations of both permitted and non-permitted sources (SJVAPCD 2015a). Projects that have the potential to expose the public to TACs in excess of the following thresholds would be considered to have a significant air quality impact:

- Probability of contracting cancer for the maximally exposed individual equals or exceeds 20 in 1 million people.
- Hazard Index for acute and chronic noncarcinogenic TACs equals or exceeds 1 for the maximally exposed individual.

Odors

As described in the Guidance for Assessing and Mitigating Air Quality Impacts, due to the subjective nature of odor impacts, there are no quantitative thresholds to determine if potential odors would have a significant impact (SJVAPCD 2015a). Projects must be assessed for odor impacts on a case-by-case basis for the following two situations:

- **Generators:** Projects that would potentially generate odorous emissions proposed to locate near existing sensitive receptors or other land uses where people may congregate.
- **Receivers:** Residential or other sensitive receptor projects or other projects built for the intent of attracting people locating near existing odor sources.

2.4.2 Approach and Methodology

Air quality and global climate change impacts associated with the proposed Project are related to emissions that would occur during construction and subsequent operation of the proposed Project. The principal sources of pollutants during construction would be earth-moving activities, construction equipment, trucks bringing materials to the site, and construction crew commuting vehicles. There are numerous air quality modeling tools available to assess air quality impacts of the Project. Emissions were estimated based on the air emission modeling software package CalEEMod. The model contains data specific to each California air basin. The model quantifies direct emissions from construction and operations (including vehicle use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use. For calculation of on-road (off-site) mobile sources, CalEEMod uses the EMFAC emissions model. While the most recently approved version of the model is EMFAC 2017, the current version incorporated into CalEEMod is EMFAC 2014. Since EMFAC 2014 is currently built into CalEEMod, it was used for this assessment. Additionally, it was determined that the use of EMFAC 2017 would not likely change the conclusions of the study, and it was therefore not utilized for this assessment.

Construction

The construction processes are anticipated to occur during a period of approximately 16 months. Project construction would consist of three major stages. The first stage would include mobilization, site preparation, fencing, laydown, and trenching; the second stage would involve trench backfill and installation of cables, pile and racking, inverters, PV modules, and ESS units; the third stage would continue installation of inverters, pile racking, PV modules, BESS units, and also include commissioning and testing.

Grubbing and grading would occur on the site to achieve the required surface conditions. Because the site is already mostly flat, grading would be minimal. The site's cut and fill would balance, and no importing or exporting of materials would be necessary. Water for dust control and other construction needs would come from onsite wells or be trucked to the site, and this assessment conservatively assumes water will be trucked to the site. The Project would comply with SJVAPCD Rule 8021 to control dust emissions generated during grading activities.

The onsite construction workforce would consist of laborers, craftspeople, supervisory personnel, and support personnel. The onsite assembly and construction workforce is expected to reach a peak of approximately 550 workers; the average number of workers onsite is anticipated to be approximately 200 to 250. On average, it is anticipated that each worker will generate one round trip to the Project per workday. Most workers would commute to the site from nearby communities such as Mendota, Tranquillity, or San Joaquin, with some traveling from more-distant areas such as Fresno, Visalia, or

Hanford. Workers would reach the site using existing roads, accessing the Project site from Highway 33 or West Manning Avenue. Construction would occur primarily during daylight hours.

Construction is anticipated to commence in early 2022. Construction scenario assumptions, including phasing, equipment, and vehicle trips, were based on information provided by the applicant. The CalEEMod model divides the construction processes into phases, which can be modified to fit Project specifications. As a conservative analysis, construction of the Project would occur over the course of 16 months, but the total duration of days were used to calculate overall daily emissions. The daily timeframe is important since construction emissions are related directly to the intensity of daily construction activities (emissions increase as the overall amount of construction activity increases). Actual construction may proceed at a less intensive pace, which would result in lower daily emissions. It was also assumed that construction equipment would operate for 5 days per week during Project construction.

Each construction phase has the potential to generate the following: (1) fugitive dust emissions resulting from soil disturbance activity; (2) emissions of air pollutants from fuel combustion in construction equipment; and (3) emissions of air pollutants from fuel combustion in vehicles used for worker commute and material hauling and construction debris disposal. Table 5 shows the construction schedule and Table 6 shows the construction equipment.

Table 5. Construction Schedule

Phase	Duration (days)
Month 1-2	40
Month 3	25
Month 4-7	85
Month 8-9	45
Month 10	20
Month 11	25
Month 12	20
Month 13-14	40
Month 15-16	45

Table 6. Construction Scenario Assumptions

Construction Phase	Equipment			Average / Peak Daily Worker Vehicles*	Average / Peak Daily Vendor Truck Trips*	Total Haul Truck Trips
	Equipment Type	Quantity	Usage Hours			
Month 1-2	Forklifts	3	7	134 / 189	10 / 50	0
	Graders	6	7			
	Off-Highway Trucks	12	7			
	Rollers	6	7			
	Rubber Tired Dozers	6	7			
	Rubber Tired Loaders	6	7			
	Skid Steer Loaders	10	4			
Month 3	Aerial Lifts	8	4	262 / 308	10 / 50	0
	Cranes	2	7			
	Cranes	1	4			
	Forklifts	3	7			
	Graders	6	7			
	Off-Highway Trucks	12	7			

Construction Phase	Equipment			Average / Peak Daily Worker Vehicles*	Average / Peak Daily Vendor Truck Trips*	Total Haul Truck Trips
	Equipment Type	Quantity	Usage Hours			
	Rollers	6	7			
	Rubber Tired Dozers	6	7			
	Rubber Tired Loaders	6	7			
	Skid Steer Loaders	10	4			
	Tractors/Loaders/Backhoes	7	7			
	Trenchers	4	7			
Month 4-7	Aerial Lifts	8	4	649 / 818	13 / 100	0
	Bore/Drill Rigs	15	7			
	Cranes	2	7			
	Cranes	1	4			
	Forklifts	10	7			
	Forklifts	1	4			
	Graders	6	7			
	Off-Highway Trucks	12	7			
	Rollers	6	7			
	Rubber Tired Dozers	6	7			
	Rubber Tired Loaders	6	7			
	Skid Steer Loaders	6	4			
	Tractors/Loaders/Backhoes	7	7			
	Trenchers	4	7			
	Welders	2	4			
Month 8-9	Aerial Lifts	8	4	538 / 626	20 / 100	0
	Bore/Drill Rigs	15	7			
	Cranes	2	7			
	Cranes	1	4			
	Forklifts	10	7			
	Forklifts	1	4			
	Off-Highway Trucks	8	7			
	Skid Steer Loaders	6	4			
	Tractors/Loaders/Backhoes	7	7			
	Welders	2	4			
Month 10	Aerial Lifts	8	4	448 / 448	16 / 100	0
	Bore/Drill Rigs	15	7			
	Cranes	2	7			
	Forklifts	10	7			
	Forklifts	1	4			
	Off-Highway Trucks	8	7			
	Skid Steer Loaders	6	4			
	Tractors/Loaders/Backhoes	7	7			
	Welders	2	4			
Month 11	Aerial Lifts	8	4	374 / 374	4 / 20	0
	Bore/Drill Rigs	15	7			
	Forklifts	10	7			
	Off-Highway Trucks	8	7			

Construction Phase	Equipment			Average / Peak Daily Worker Vehicles*	Average / Peak Daily Vendor Truck Trips*	Total Haul Truck Trips
	Equipment Type	Quantity	Usage Hours			
	Skid Steer Loaders	6	4			
	Tractors/Loaders/Backhoes	7	7			
	Welders	2	4			
Month 12	Forklifts	1	7	115 / 115	4 / 20	0
	Off-Highway Trucks	6	7			
	Skid Steer Loaders	1	4			
	Welders	1	4			
Month 13-14	Forklifts	1	7	78 / 78	4 / 20	0
	Off-Highway Trucks	3	7			
	Skid Steer Loaders	1	4			
	Welders	1	4			
Month 15-16	Air Compressors	1	6	78 / 78	4 / 20	0
	Forklifts	1	7			
	Off-Highway Trucks	2	7			
	Skid Steer Loaders	1	4			
	Welders	1	4			

*Average values were used to calculate Annual emissions, while Peak values were used to calculate Daily emissions.

2.4.2.1 Operation

Once constructed, the Project would operate seven days per week and 365 days per year. Only occasional, on-site maintenance is expected to be required following commissioning. Initially, personnel would likely visit the Project area daily or weekly, but it is anticipated that eventually maintenance visits would be reduced to once a month or less. Operations and maintenance activities would require up to four workers performing visual inspections, monitoring plant performance, executing minor repairs, and responding to needs for plant adjustment. On intermittent occasions, the presence of 5 to 30 workers may be required for repairs or replacement of equipment, panel cleaning, and other specialized maintenance. However, due to the self-operating nature of the facilities, such actions would likely occur infrequently. The expected maintenance would generate little traffic during operations. Operations and maintenance vehicles would include light duty trucks (e.g., pickup, flatbed) and other light equipment for maintenance and module washing. Heavy equipment would not be utilized during normal operation.

Minimal water would be required for panel washing activities and general maintenance. The need for panel washing would be infrequent (e.g., months to years between washings) and determined based on operating considerations, including actual soiling of the PV panels and any expected benefit from cleaning. Sanitary facilities for operations would be provided through the septic system at the proposed operations and maintenance building.

An emergency generator for use in the event that the regional transmission system fails would also be located at the substation; this emergency generator would provide emergency power until the regional transmission system restores operations. The generator would be powered by propane or diesel and is estimated to be 49 kilowatts or less in size.

Operational emissions were estimated using CalEEMod to include area, energy, and mobile source emissions. Area sources include architectural coatings such as paints and primers which result in ROG off-gassing. These emissions were calculated based on building square footage and default model assumptions for reapplication rate. Energy sources include electricity usage and on-site power generation, including the diesel-powered emergency generator. The emergency generator would operate

up to 50 hours per year per the CARB Air Toxics Control Measure, and up to two hours per month for testing and maintenance. Electricity used on site would be generated off site, contributing to indirect emissions. Therefore, emissions from electricity use were only calculated for GHGs. Mobile sources would include motor vehicles (i.e. pickup trucks or light duty trucks) traveling to and from the site for monthly or yearly maintenance. Based on conservative estimates, the Project is anticipated to have up to 2,086 trips per year, accounting for regular operation and maintenance activities of four full-time-equivalent staff.

2.4.2.2 Ambient Air Quality Analysis

Per the Guidance for Assessing and Mitigating Air Quality Impacts, an AAQA should be performed if the emissions of a pollutant from equipment used for on-site construction or on-site operation exceeds 100 lb/day. The Project is expected to exceed 100 lb/day for at least one pollutant (specifically CO) during on-site construction. Therefore, an AAQA was conducted to determine if Project construction emissions are predicted to cause or contribute to a violation of an ambient air quality standard by exceeding any CAAQS or NAAQS. Since operational activities would be minimal and are well below the modeling threshold, ambient air quality modeling was not performed for operational emissions.

Air dispersion modeling was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD). On-site construction emissions of criteria pollutants (CO, NO₂, PM₁₀, PM_{2.5}, and SO₂) were modeled using the CalEEMod estimated daily on-site Project emissions (lb/day). The modeled concentrations were added to background concentrations and results were compared to ambient air quality standards (CAAQS and NAAQS) and significant impact levels established by the EPA. Modeling parameters include the following:

- Model – Modeling was conducted using the most recent version of AERMOD (version 19191).
- Meteorological Data – The latest 5-year meteorological data (2007-2011) for the Lemoore station (ID 23110) was processed and provided by SJVAPCD for input to AERMOD.
- Land Use Determination – Inspection of current aerial photography for the area within 3-km of the facility indicates that the majority of this area is primarily undeveloped. Therefore, rural dispersion coefficients were used.
- Terrain – Elevations were obtained using AERMAP and USGS terrain data. AERMAP includes processing routines that extract National Elevation Data (NED) at 10-meter spacing based on the NAD83 North American Datum.
- Receptors – Receptors were placed at 25 meter intervals along the facility fence line. In addition, a nested Cartesian grid was extended out from the fence line at the following intervals and distances:
 - 25-meter spacing from the facility boundary to 100 meters;
 - 50-meter spacing from 100 meters to 250 meters;
 - 100-meter spacing from 250 meters to 500 meters;
 - 250-meter spacing from 500 meters to 1,000 meters; and
 - 500-meter spacing from 1,000 meters to 2,000 meters.
- Source Characterizations – On-site construction emissions were modeled as a single raised area source, assuming at least 10% of the total site area (approximately 120 acres) would have active construction activities at any one time. A release height of 5 meters and initial vertical dimension

of 1 meter were used for diesel equipment and truck exhaust. The active area was conservatively assumed to occur in one square area in the southeast corner of the Project site (prevailing wind direction from the northwest) to be representative of a day of concentrated activity.

The ambient air quality assessment was conducted per the Policy for District Rule 2201 AAQA Modeling (SJVAPCD 2014), consisting of a progressive three level approach with each level consisting of 2 steps. The assessment begins with the Level 1 approach, and only proceeds to the next level if necessary.

- Level 1 AAQA – All required criteria pollutants and averaging periods (1-hr, 3-hr, 8-hr, 24-hr, and Period) are modeled with a normalized emission rate (1 g/s) for each source. For each pollutant/averaging period, the maximum predicted concentration is then calculated by multiplying the result by the emission rates generated in CalEEMod.
 - Step 1 – The maximum predicted concentrations are summed with their corresponding background concentrations and compared to their respective ambient air quality standard (i.e. NAAQS and CAAQS). For each pollutant and averaging period, if the maximum predicted concentrations do not exceed ambient air quality standards then the analysis is complete and no further action is required. If the maximum predicted concentration exceeds a CAAQS or NAAQS, then the analysis proceeds to Step 2 for the specific pollutants and corresponding averaging periods.
 - Step 2 – If the maximum predicted concentration exceeds a CAAQS or NAAQS, it is compared to a corresponding Significant Impact Level (SIL). If the maximum predicted concentration does not exceed the corresponding SIL, then the analysis is complete for that pollutant and averaging period and no further action is required. If the maximum predicted concentration exceeds the SIL, then the analysis should proceed to Level 2 AAQA.
- Level 2 AAQA – Each pollutant is modeled separately using pollutant-specific emission rates (generated in CalEEMod) rather than normalized emission rates. For each pollutant/averaging period, the maximum predicted concentration is selected for evaluation. For NO₂ modeling, appropriate NO_x-to-NO₂ conversion methods may be used. For this analysis, ARM2 conversion methods were applied. Additionally, predicted NO₂ concentrations are based on the 8th highest value.
 - Step 1 – The maximum predicted concentrations are summed with their corresponding background concentrations and compared to their respective CAAQS and NAAQS. If the maximum predicted concentrations do not exceed the corresponding AAQS, then no further evaluation is required. If the maximum predicted concentration exceeds an AAQS, then proceed to Step 2 for the specific pollutants and corresponding averaging periods.
 - Step 2 – If the maximum predicted concentration exceeds an AAQS in Step 1, compare the result with the corresponding SIL. If the maximum predicted concentration does not exceed a SIL threshold, then no further evaluation is needed. If the maximum predicted concentration exceeds the corresponding SIL, then proceed to Level 3 AAQA
- Level 3 AAQA – This level applies to NO₂ only. The approach is similar to Level 2, except that yearly ozone and NO₂ background data may be used.

2.4.2.3 Health Risk Assessment

A HRA was conducted for Project construction emissions following the methodologies prescribed in the California Environmental Protection Agency/Office of Environmental Health Hazard Assessment's

(OEHHA's) Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015). Since operational activities would be limited to routine inspection and maintenance, no quantitative HRA was performed.

The HRA incorporated modeling results generated as part of the ambient air quality analysis. Therefore, the discussion of dispersion modeling input parameters in the Ambient Air Quality Analysis section above also applies to the HRA. For risk assessment purposes, PM₁₀ in diesel exhaust is considered DPM, originating mainly from off-road equipment. For the construction HRA modeling, DPM from diesel-fueled off-road construction equipment and trucks was the only TAC evaluated.

To conduct the HRA, X/Q values from AERMOD corresponding to the nearest residence, and on-site construction emissions of DPM (calculated in CalEEMod) were input into HARP 2. HARP 2 is a software suite used to assist with the requirements of the Air Toxics “Hot Spots” Program (AB 2588) and incorporates the requirements of the latest version of OEHHA Air Toxics Hot Spot Risk Assessment guidelines (OEHHA 2015).

2.5 IMPACT ANALYSIS

2.5.1 Would the Project conflict with or obstruct implementation of the applicable air quality plan?

Less than significant impact. The Project would not conflict with existing land uses or result in population growth. The Project would comply with applicable SJVAPCD rules and regulations, such as Regulation VIII (Fugitive PM₁₀ Prohibitions) and IX (Mobile and Indirect Sources) which are discussed in detail in Section 2.2.3.1. In addition, the Project would not result in a long-term increase in the number of trips or increase the overall vehicle miles traveled in the area. Vendor truck and worker vehicle trips would be generated during the proposed construction activities but would cease after construction is completed. Unmitigated NO_x and CO emissions during construction would exceed the SJVAPCD significance threshold. However, as discussed in Section 2.5.2, compliance with SJVAPCD Regulation VIII and Rule 9510 would reduce emissions to less than significant. During the longer-term operational phase, the Project would have routine inspection and maintenance activities that would result in a net increase in emissions although, as discussed in Section 2.5.2, the increase in emissions would not exceed any significance threshold or violate any SJVAPCD rule or regulation.

2.5.2 Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Construction Emissions

Less Than Significant Impact. The SJVAPCD has established annual significance thresholds to address pollution sources associated with general construction activities, such as the operation of on-site construction equipment, fugitive dust from site grading activities, and travel by construction workers. In addition to the SJVAPCD annual significance thresholds, the SJVAPCD also recommends the use of daily emissions thresholds for the evaluation of project impacts on localized ambient air quality. Based on these recommended thresholds, the proposed project would result in a significant contribution to localized ambient air quality if on-site emissions would exceed a daily average of 100 pounds per day (lbs/day) for any of the pollutants evaluated.

The Project would comply with SJVAPCD Rule 8021 to control dust emissions generating during grading activities. Standard construction practices that would be employed to reduce fugitive dust emissions include:

- Develop a dust control plan to outline how the Project will comply with Rule 8021 and minimize fugitive dust during construction,

- Minimize and cleanup trackout onto paved roads,
- Cover haul trucks,
- Rapid cleanup of Project-related trackout or spills on paved roads,
- Minimize grading and soil movement when winds exceed 30 miles per hour, and
- Implement a speed limit of 15 miles per hour during all construction phases for vehicles travelling on un-paved roads.

The Project would also consider the use of Tier 4 engines for construction equipment that would reduce NO_x and DPM emissions. In addition to dust control measures, the use of Tier 4 engines was incorporated to CalEEMod as a mitigation measure. For the purpose of this assessment, it was assumed that all off-road diesel equipment greater than 100 horsepower (hp) would meet USEPA Tier 4 off-road emission standards or equivalent.

Project construction emissions were calculated using the CalEEMod. Table 7 presents the estimated maximum annual emissions generated during construction of the Project. Table 8 presents the estimated maximum daily emissions generated during construction of the Project. Both unmitigated and mitigated emissions scenarios are presented, along with both on-site and off-site contributions. Detailed emission calculations are provided in Appendix A.

Table 7. Estimated Maximum Annual Construction Criteria Air Pollutant Emissions

Max. Rolling 12-month	Emissions (tons per year)					
	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Unmitigated	2.04	16.16	15.99	0.05	5.21	2.42
On-Site	1.40	14.63	11.71	0.03	3.42	1.93
Off-Site	0.64	1.53	4.28	0.02	1.79	0.49
Mitigated	1.36	7.36	19.79	0.05	2.96	1.21
On-Site	0.72	5.83	15.51	0.03	1.31	0.76
Off-Site	0.64	1.53	4.28	0.02	1.65	0.45
<i>SJVAPCD Threshold</i>	<i>10</i>	<i>10</i>	<i>100</i>	<i>27</i>	<i>15</i>	<i>15</i>
Threshold Exceeded?	No	No	No	No	No	No

Table 8. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions

Max. Rolling 12-month	Emissions (lbs/day)					
	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Unmitigated	29.9	260.9	223.8	0.9	78.2	34.4
On-Site	17.5	182.4	138.8	0.4	45.2	25.3
Off-Site	12.4	78.5	85.0	0.5	33.0	9.1
Mitigated	21.3	149.8	269.4	0.9	47.8	18.4
On-Site	8.9	71.3	184.4	0.4	17.3	9.9
Off-Site	12.4	78.5	85.0	0.5	30.5	8.5
<i>SJVAPCD Threshold</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>
Threshold Exceeded?	No	No	Yes	No	No	No

As shown in Table 7, annual construction emissions would not exceed the SJVAPCD annual significance thresholds for any pollutants. As shown in Table 8, maximum daily on-site construction emissions would not exceed SJVAPCD's localized significance threshold of 100 lb/day for ROG, NO_x, SO_x, PM₁₀, or PM_{2.5}. However, maximum daily on-site constructions emissions of CO would exceed 100 lbs/day. SJVAPCD recommends that an AAQA be conducted when on-site emissions from any criteria pollutant would equal or exceed applicable significance thresholds or when on-site emissions would equal or exceed 100 lbs/day for any pollutant. Therefore, an AAQA was performed for the Project.

Using the tiered methodology described in Section 2.4.2.3, the Project's potential construction impacts on ambient air quality were assessed. Table 9 presents a summary of results of the Level 1 (Step 1) AAQA. Table 10 presents a summary of the results of the Level 1 (Step 2) AAQA. Table 11 presents a summary of the results of the Level 2 (Step 1) AAQA. Detailed Ambient Air Quality Analysis results are provided in Appendix B. AERMOD dispersion modeling input and output files are provided in Appendix C.

Table 9. Mitigated Construction Ambient Air Quality Analysis – LEVEL 1 (Step 1)

Pollutant	Averaging Period	CalEEMod Construction Emission Rates (g/s)	AERMOD Results X/Q (µg/m ³)/(g/s)	Project Concentration (µg/m ³)	Ambient Background Concentration (µg/m ³)	Total Concentration (µg/m ³)	CAAQS (µg/m ³)	NAAQS (µg/m ³)	LEVEL 1 (Step 1) Significance
CO	1-hour	2.90	161.4	469	1031	1500	23000	40000	PASS
	8-hour	2.90	23.7	69	802	871	10000	10000	PASS
NO ₂	1-hour	1.12	161.4	181	86	268	339	188	FAIL (Step 2)
	Annual	1.12	3.3	3.7	11	15	57	100	PASS
PM ₁₀ - Total	24-hour	0.27	13.8	3.7	155	159	50	150	FAIL (Step 2)
	Annual	0.27	3.3	0.9	46	47	20	--	FAIL (Step 2)
PM _{2.5} - Total	24-hour	0.16	13.8	2.1	95	97	--	35	FAIL (Step 2)
	Annual	0.16	3.3	0.5	11	11.6	12	12	PASS
SO ₂	1-hour	0.005	161.4	0.9	21	22	655	196	PASS
	24-hour	0.005	13.8	0.1	7	7	105	367	PASS
	Annual	0.005	3.3	0.02	2	2	--	79	PASS

Table 10. Mitigated Construction Ambient Air Quality Analysis – LEVEL 1 (Step 2)

Pollutant	Averaging Period	CalEEMod Construction Emission Rates (g/s)	AERMOD Results X/Q (µg/m ³)/(g/s)	Project Concentration (µg/m ³)	Significant Impact Level (SIL) (µg/m ³)	LEVEL 1 (Step 2) Significance
NO ₂	1-hour	1.12	161.4	181.3	7.5	FAIL (LEVEL 2)
PM ₁₀ - Exhaust	24-hour	0.05	13.8	0.75	5	PASS
	Annual	0.05	3.3	0.18	1	PASS
PM ₁₀ - Fugitives	24-hour	0.22	13.8	3.0	10.4	PASS
	Annual	0.22	3.3	0.7	2.08	PASS
PM _{2.5} - Exhaust	24-hour	0.05	13.8	0.7	1.2	PASS
PM _{2.5} - Fugitive	24-hour	0.10	13.8	1.4	2.5	PASS

Table 11. Mitigated Construction Ambient Air Quality Analysis – LEVEL 2 (Step 1)

Pollutant	Averaging Period	Modeled Emission Rate (g/s)	Project Concentration ($\mu\text{g}/\text{m}^3$)	Ambient Back-ground Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration ($\mu\text{g}/\text{m}^3$)	CAAQS ($\mu\text{g}/\text{m}^3$)	NAAQS ($\mu\text{g}/\text{m}^3$)	LEVEL 2 (Step 1) Significance
NO ₂	1-hour	1.12	71	86	157	339	188	PASS

As demonstrated in Tables 9, 10, and 11, the Project construction activities would generate ambient concentrations less than the applicable thresholds and are therefore less than significant.

Operational Emissions

Less Than Significant Impact. Project operational emissions were estimated using CalEEMod to include area, energy, and mobile source emissions. This included solvent emissions from paints and primers, potential emergency generator emissions, and vehicle emissions from maintenance vehicles. Table 12 presents the maximum annual operational emissions in tons per year with a comparison to SJVAPCD thresholds. Detailed emissions calculations are provided in Appendix A.

Table 12. Estimated Maximum Annual Operational Criteria Air Pollutant Emissions

Emission Source	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	Tons per Year					
Area, Energy, Mobile, and Stationary Sources	0.01	0.05	0.07	0.0003	0.02	0.006
<i>SJVAPCD Threshold</i>	10	10	100	27	15	15
Threshold Exceeded?	No	No	No	No	No	No

Table 13. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions

Emission Source	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	lbs/day					
Area, Energy, Mobile, and Stationary Sources	0.06	0.32	0.49	0.002	0.15	0.04
<i>SJVAPCD Threshold</i>	100	100	100	100	100	100
Threshold Exceeded?	No	No	No	No	No	No

As shown in Tables 12 and 13, operational emissions would not exceed the SJVAPCD thresholds for ROG, NO_x, CO, SO_x, PM₁₀ and PM_{2.5}. Since operational activities would be minimal, including only routine inspection and maintenance, ambient air quality modeling was not required. Additionally, traffic associated with operations would be negligible and would not result in CO hotspots at intersections. Therefore, the operational impacts would be less than significant.

2.5.3 Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for O₃ precursors)?

Less Than Significant Impact. As discussed previously, the Project results in an increase in short-term emissions related to construction and an increase in long-term operational emissions for those pollutants and precursors (ROG and NO_x) for which the SJVAPCD is in non-attainment (O₃, PM₁₀ and PM_{2.5}). Although the Project site is located in a region that is in non-attainment for O₃, PM₁₀ and PM_{2.5}, the cumulative emissions associated with the Project would not be considerable as the emissions would fall below SJVAPCD thresholds. Under this condition, the Project would not make a cumulatively considerable contribution during construction or operations. Therefore, impacts would be less than significant. Additionally, the Project would not conflict with the SJVAPCD O₃, PM₁₀ or PM_{2.5} attainment plans, which address cumulative emissions in the Valley and account for emissions associated with construction activity.

2.5.4 Would the project expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. The Project consists of construction of a solar energy facility that may have the potential to affect nearby sensitive receptors. The nearest rural residences are located approximately 1,500 feet from the southeast corner of the Project site along Highway 33. As described previously, construction and operation of the Project would not result in emissions of criteria pollutants in excess of established thresholds.

In addition to the significance thresholds for criteria pollutants, SJVPACD has established significance thresholds for TAC emissions. In March 2015, the OEHHA published a revised Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015). All HRAs prepared for CEQA documents must follow SJVAPCD policies in conjunction with the OEHHA guidance. The SJVAPCD has developed a three-tiered approach, including Tier 1 (screening estimate), Tier 2 (project-specific modeling inputs), and Tier 3 (refined project-specific exposure parameters). Based on the Project information available, a Tier 3 analysis was performed.

The use of combustion equipment in Project construction activities could result in elevated concentrations of DPM, which could lead to an increase in cancer risk or chronic health impacts. The HRA was performed to estimate the potential cancer risk and health index at the maximally exposed receptors. Dispersion modeling conducted for the AAQA was also used for the HRA to determine the maximally exposed receptors. While HRAs generally focus on sensitive receptors (e.g., residences, schools, and hospitals), a full receptor grid surrounding the Project site was conservatively used. The CARB HARP2 model was used to model the resultant health risk using construction PM₁₀ emissions calculated in CalEEMod. While Project construction activity is only expected to last approximately 16 months, HARP2 only allows input of full-year exposure durations for activities lasting over one year. Conservatively, a two-year exposure duration was assumed. Table 14 presents the cancer risk and hazard index resulting from construction activities, with a comparison to SJVAPCD thresholds. AERMOD and HARP2 model input and output can be found in Appendix C.

Table 14. Construction Health Risk Assessment

Maximum Impact Receptor	Cancer Risk (Persons per Million)	Chronic Hazard Index
Unmitigated On-site Construction DPM	14.7	0.009

Mitigated On-site Construction DPM	6.2	0.004
<i>SJVAPCD Threshold</i>	<i>20</i>	<i>1</i>
Threshold Exceeded?	No	No

As shown in Table 14, the Project construction activities would emit TACs resulting in calculated cancer risk and chronic hazard below the SJVAPCD thresholds under both unmitigated and mitigated construction scenarios. Therefore, the Project is not expected to expose sensitive receptors to substantial pollutant concentrations. As such, localized impacts to off-site sensitive receptors would be less than significant and no mitigation measures would be necessary.

Since operational activities would be limited to routine inspection and maintenance, an operational HRA was not required and the impact would therefore be less than significant.

2.5.5 Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact. During Project-related construction activities, various diesel-powered vehicles and equipment could create minor odors. These odors are not likely to be noticeable beyond the immediate vicinity and would be temporary and short-lived. Therefore, construction odor impacts would be less than significant. Long-term odors are associated typically with industrial projects involving use of chemicals, solvents, petroleum products, and other strong-smelling elements used in manufacturing processes. Odors also are associated with such uses as sewage treatment facilities and landfills. The Project involves no elements related to these types of uses. Therefore, no long-term odor impacts would occur with Project implementation.

3.0 GREENHOUSE GAS EMISSIONS

3.1 ENVIRONMENTAL SETTING

3.1.1 The Greenhouse Effect

Certain gases in the Earth's atmosphere, classified as GHGs, play a critical role in determining the earth's surface temperature. A GHG is any gas in the atmosphere that absorbs infrared radiation. As solar radiation enters the earth's atmosphere, a portion of the radiation is absorbed by the earth's surface, and a portion is reflected back through the atmosphere into space. The absorbed radiation is eventually emitted from the earth into the atmosphere, not as solar radiation, but as infrared radiation. Most solar radiation passes through GHGs; infrared radiation is selectively absorbed or "trapped" by GHGs as heat and then reradiated back toward the earth's surface, warming the lower atmosphere and the earth's surface. This phenomenon, known as the "greenhouse effect," is beneficial for maintaining a habitable climate on the earth. As the atmospheric concentrations of GHGs rise, however, the average temperature of the lower atmosphere gradually increases, thereby increasing the potential for indirect effects such as a decrease in precipitation as snow, a rise in sea level, and changes to plant and animal species and habitat.

Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (about one day), GHGs have long atmospheric lifetimes (one year to several thousand years). GHGs persist in the atmosphere long enough to be dispersed globally. Although the exact lifetime of any particular GHG molecule depends on multiple variables and cannot be pinpointed, scientific evidence reveals that more CO₂ is emitted into the atmosphere than is sequestered by ocean uptake, vegetation, and other forms of sequestration. Of the total annual human-caused CO₂ emissions, approximately 54 percent is sequestered through ocean uptake, uptake by northern hemisphere forest regrowth, and other terrestrial sinks within a year, whereas the remaining 46 percent of human-caused CO₂ emissions remains stored in the atmosphere. The quantity of GHGs that it takes to ultimately result in climate change is not known precisely, although scientific evidence strongly indicates no single project would be expected to contribute measurably to a noticeable incremental change in the global average temperature.

3.1.2 Greenhouse Gases and Global Warming Potential

GHGs are emitted by natural processes and human activities. Natural GHG sources include decomposition of dead organic matter; respiration of bacteria, plants, animals, and fungus; evaporation from oceans; and volcanic outgassing. Human activities known to emit GHGs include industrial manufacturing, utilities, transportation, residential, and agricultural activities. The GHGs that enter the atmosphere because of human activities are CO₂, CH₄, N₂O, fluorinated carbons (hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).

CO₂ is an odorless, colorless gas with both natural and anthropogenic sources. Examples of natural sources are respiration of bacteria, plants, and animals, evaporation from oceans, and decomposition of organic matter. Human activities that emit CO₂ include burning coal, oil, natural gas, and wood.

CH₄ is a flammable gas that is the main component of natural gas. When burned in the presence of oxygen, CO₂ and water are released. There are no direct health effects from exposure to CH₄. Sources of CH₄ include decay of organic material, natural gas fields, cattle, and landfills.

N₂O is a colorless gas that can cause euphoria, dizziness, and slight hallucinations when exposed to higher concentrations. Sources include agricultural sources (e.g. microbial processes in soil and water, fertilizer) and industrial processes (e.g. fossil fuel-fired power plants, vehicle emissions, nylon production).

Fluorinated Gases are synthetic and emitted from a variety of industrial processes.

HFCs are man-made chemicals used as a substitute for CFCs (chlorofluorocarbons) for automobile air conditioners and refrigerants.

PFCs are very stable and do not break down through the chemical processes in the lower atmosphere and they have long lifetimes (between 10,000 and 50,000 years). The two main sources of PFCs are primary aluminum production and semiconductor manufacturing.

SF₆ is an inorganic, colorless, odorless, nontoxic, nonflammable gas used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.

Global Warming Potential

The Intergovernmental Panel on Climate Change developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of one kilogram of a trace substance relative to that of one kilogram of a reference gas. The reference gas used is CO₂. Therefore, GWP-weighted emissions are measured in metric tons (MT) of CO₂ equivalent (CO_{2e}). It was assumed that the GWP for CH₄ is 25 (which means that emissions of 1 MT of CH₄ are equivalent to emissions of 25 MT of CO₂), the GWP for N₂O is 298, and the GWP for SF₆ is 22,800 based on the Intergovernmental Panel on Climate Change Fourth Assessment Report (IPCC 2007).

3.2 REGULATORY SETTING

3.2.1 Federal Regulations

The U.S. Supreme Court ruled on April 2, 2007, that CO₂ is an air pollutant as defined under the CAA, and that the EPA has the authority to regulate emissions of GHGs. Responding to the mounting issue of climate change, the EPA has taken actions to regulate, monitor, and potentially reduce GHG emissions.

Mandatory Greenhouse Gas Reporting Rule

On September 22, 2009, the EPA issued a final rule for mandatory reporting of GHGs from large GHG emissions sources in the United States. In general, this national reporting requirement will provide the EPA with accurate and timely GHG emissions data from facilities that emit 25,000 metric tons or more of CO₂ per year. This publicly available data allows the reporters to track their own emissions, compare them to similar facilities, and help identify cost effective opportunities to reduce emissions in the future. Reporting is at the facility level, except that certain suppliers of fossil fuels and industrial GHGs along with vehicle and engine manufacturers report at the corporate level. An estimated 85 percent of the total United States GHG emissions, from approximately 10,000 facilities, are covered by this final rule.

Endangerment and Cause or Contribute Findings for Greenhouse Gases under the Clean Air Act

On December 7, 2009, the EPA adopted its Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases under the CAA (Endangerment Finding). The Endangerment Finding is based on Section 202(a) of the CAA, which states that the Administrator (of EPA) should regulate and develop standards for "emission[s] of air pollution from any class of classes of new motor vehicles or new motor vehicle engines, which in [its] judgment cause, or contribute to, air pollution which may reasonably be anticipated to endanger public health or welfare." The rule addresses Section 202(a) in two distinct findings. The first addresses whether the concentrations of the six key GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) in the atmosphere threaten the health and welfare of current and future generations. The second addresses whether the combined emissions of GHGs from new motor vehicles and motor vehicle engines contribute to atmospheric concentrations of GHGs and therefore the threat of climate change.

The Administrator found that atmospheric concentrations of GHGs endanger the public health and welfare within the meaning of Section 202(a) of the CAA. The evidence supporting this finding consists of human activity resulting in “high atmospheric levels” of GHG emissions, which are most likely responsible for increases in average temperatures and other climatic changes. Furthermore, the observed and projected results of climate change (e.g., higher likelihood of heat waves, wildfires, droughts, sea level rise, and higher intensity storms) are a threat to the public health and welfare. Therefore, GHGs were found to endanger the public health and welfare of current and future generations.

The Administrator also found that GHG emissions from new motor vehicles and motor vehicle engines are contributing to air pollution, which is endangering public health and welfare. EPA’s final findings respond to the 2007 U.S. Supreme Court decision that GHGs fit within the CAA definition of air pollutants. The findings do not in and of themselves impose any emission reduction requirements but rather allow the EPA to define the GHG standards proposed earlier in 2009 for new light-duty vehicles as part of the joint rulemaking with the Department of Transportation.

Various subsequent federal rulemakings limit GHG emissions from fossil fuel-fired power plants through EPA’s major stationary source permitting program and through EPA’s New Source Performance Standards (NSPS). These rulemakings have been subject to court challenges and political manipulation, such that applicants for air permits are required to evaluate the current status of the regulatory requirements. These GHG rules do not apply to the activities associated with the Project.

3.2.2 State Regulations

While climate change has been a concern since at least 1988, the efforts devoted to GHG emissions reduction and climate change policy have increased dramatically in recent years. In 2002, California passed AB 1493, which requires CARB to develop and implement regulations to reduce automobile and light truck GHG emissions beginning with the 2009 model year. In June 2005, Executive Order S-3-05 was signed to reduce California’s GHG emissions to: (1) 2000 levels by 2010; (2) 1990 levels by the 2020; and (3) 80 percent below the 1990 levels by the year 2050. In 2006, this goal was further reinforced with the passage of AB 32, the Global Warming Solutions Act of 2006. AB 32 sets the same overall GHG emissions reduction goals while further mandating that CARB create a plan (Scoping Plan), which includes market mechanisms, and implement rules to achieve “real, quantifiable, cost-effective reductions of greenhouse gases.” SB 32 codifies the emissions reduction goal of 40% below 1990 levels by 2030.

In 2002, SB 1078 established Renewable Portfolio Standard (RPS), which required an annual increase in renewable generation by the utilities with a goal of 20% by 2010. SB X1-2 expanded the RPS by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by 2013, and 33% by 2020 and subsequent years. SB 350 further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by 2030.

Senate Bill (SB) 97 acknowledges that climate change is a prominent environmental issue that requires analysis under CEQA. CEQA requires that lead agencies consider the reasonably foreseeable adverse environmental effects of projects they are considering for approval. GHG emissions can affect the environment adversely because they contribute, cumulatively, to global climate change. Thus, GHG emissions require consideration in CEQA documents.

3.2.3 Local Regulations

SJVAPCD

In 2009, the SJVAPCD Governing Board adopted the *Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA* (SJVAPCD 2009). The SJVAPCD found that the effects of project-specific emissions to be cumulative, and without mitigation, their

incremental contribution to global climate change could be considered cumulatively considerable. The SJVAPCD found that this cumulative impact is best addressed by requiring all projects to reduce their GHG emissions, whether through project design elements or mitigation.

For development projects, best performance standards (BPS) would include project design elements, land use decisions, and technologies that reduce GHG emissions. While the SJVAPCD has adopted BPS for several types of stationary sources (e.g., boilers), it has not developed BPS for land development projects. Projects implementing any combination of BPS, and/or demonstrating a total 29 percent reduction in GHG emissions from business-as-usual, would be determined to have a less than significant individual and cumulative impact on global climate change (SJVAPCD 2015a).

Fresno Council of Governments

SB 375 requires metropolitan planning organizations to prepare an SCS in their RTP. As discussed in Section 2.2.3.2, the FCOG developed the 2014 RTP/SCS, which establishes a development pattern for the region that, when integrated with the transportation network and other policies and measures, would reduce GHG emissions from transportation. Specifically, the 2014 RTP/SCS links the goals of sustaining mobility with the goals of fostering economic development; enhancing the environment; reducing energy consumption; promoting transportation-friendly development patterns; and encouraging all residents affected by socioeconomic, geographic, and commercial limitations to be provided with fair access. The 2014 RTP/SCS does not require that local general plans, specific plans, or zoning be consistent with it but provide incentives for consistency for governments and developers.

3.3 SIGNIFICANCE CRITERIA AND METHODOLOGY

3.3.1 Thresholds of Significance

The State of California has developed guidelines to address the significance of greenhouse gas impacts based on Appendix G of the CEQA Guidelines, which indicates that a project has significant air quality impact if the project:

1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; and
2. Conflict with an applicable plan, policy, or regulations adopted for the purpose of reducing the emissions of greenhouse gases.

In the *Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New Projects Under CEQA* and the policy *Addressing GHG Emission Impacts for Stationary Source Projects Under CEQA When Serving as the Lead Agency*, best performance standards (BPS) are used to assess significance of project specific GHG emissions on global climate change during the environmental review process. However, SJVAPCD's adopted BPS are specifically directed at reducing GHG emissions from stationary sources; therefore, the adopted BPS would not generally be applicable to the Project as the Project would not be a stationary source of emissions. The SJVAPCD guidance does not limit a lead agency's authority in establishing its own process and guidance for determining significance of project related impacts on global climate change. SJVAPCD supports the use of the interim thresholds as established by the California Air Pollution Control Officers Association (CAPCOA) when adopted thresholds are not applicable. As such, for the purposes of establishing a quantitative threshold for GHG emissions, the interim threshold for operational emissions of industrial projects established by CAPCOA is used herein. This threshold is consistent with California's climate-stabilization target (identified in AB 32). GHG emissions include construction emissions annualized over the 30-year life of the Project, as well as operational emissions.

Following CAPCOA's analysis of development applications in various cities, it was determined that the threshold of 900 MT CO_{2e} per year would achieve the objective of 90 percent capture and ensure that new development projects would keep the State of California on track to meet the goals of AB 32. The 900 MT CO_{2e} threshold is applied to evaluate whether the project would generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.

3.3.2 Approach and Methodology

A GHG analysis is required to be included in CEQA documents for all non-exempt projects. SJVAPCD supports the use of the interim thresholds as established by the CAPCOA when adopted thresholds are not applicable. As such, for the purposes of establishing a quantitative threshold for GHG emissions, the interim threshold for operational emissions of industrial projects established by CAPCOA is used herein. CAPCOA recommended an interim 900 MT CO_{2e} screening level as a theoretical approach to identify projects that require further analysis and potential mitigation (CAPCOA 2008). CAPCOA proposes that projects amortize construction emissions over the 30-year lifetime of any given project. Project construction emissions can be amortized by calculating total construction period emissions and dividing by the 30-year lifetime of the project.

For this Project, the major source of GHG is the combustion of fuel in construction equipment, in vehicles used to haul materials, and in vehicles used by workers commuting to and from the site.

There are three types of GHG from fuel combustion, including CO₂, CH₄ and N₂O. GHG emissions are presented as CO_{2e}. CO_{2e} is computed based on global warming equivalence. The CH₄ global warming equivalence is 25 times that of CO₂, and the N₂O global warming equivalence is 298 times that of CO₂. Mathematically, the CO_{2e} can be represented by the following equation:

$$\text{CO}_2\text{e Emissions} = \text{CO}_2 \text{ Emissions} + 25 \times \text{CH}_4 \text{ Emissions} + 298 \times \text{N}_2\text{O Emissions}$$

The CalEEMod model was used to estimate the GHG emissions during the construction phase of the proposed Project. Based on the construction schedule, types and quantities of construction equipment, and haul trucks, etc., the maximum CO_{2e} emissions were estimated. The CalEEMod model provides a CO₂ profile only and does not quantify CO_{2e}, CH₄ and N₂O emissions. The analysis assumed that the CO₂ emissions are CO_{2e}. For typical diesel-fueled combustion equipment used in construction activities, the emissions factors adjusted with global warming equivalence are the following:

1. CO₂ emission factors are 22.4 pounds of CO_{2e} per gallon consumed;
2. CH₄ emission factors are 0.065 pounds of CO_{2e} per gallon consumed; and
3. N₂O emission factors are 0.068 pounds of CO_{2e} per gallon consumed.

As shown in these emission factors, the CO₂ profile is 99 percent of the total GHG emissions generated in combustion equipment. Therefore, the CO₂ emissions were assumed to be equivalent to the CO_{2e} emissions levels.

Additionally, GHG emissions are associated with fugitive emissions of SF₆ from gas-insulated switchgear equipment, such as the high voltage circuit breakers at the on-site substation. The SF₆ global warming equivalence is 22,800 times that of CO₂. The project will have no more than two high-voltage circuit breakers, each with up to 160 pounds of SF₆ for a total of up to 320 pounds, and a maximum leak rate of 0.5% per year. CO_{2e} resulting from SF₆ gas leakage can be represented by the following equation:

$$\text{CO}_2\text{e Emissions} = \text{SF}_6 \text{ gas contained in equipment (lbs)} \times 0.5\% \text{ leak rate} \times 0.0004536 \text{ MT/lb} \times 22,800$$

3.4 IMPACT ANALYSIS

3.4.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Construction Emissions

Less Than Significant Impact. Construction of the Project would increase GHG generation, which can contribute to global climate change. This analysis is provided in response to recent heightened interest in the subject of global climate change and, specifically, in the California legislature's passage and the Governor's signing of AB 32, which is intended to control and reduce the emission of global warming gases in California; and SB 97, which directs the Office of Planning and Research and the California Resources Agency to develop CEQA Guidelines on how local agencies should analyze and, if necessary, mitigate for GHG emissions.

Construction emissions would be associated with vehicle engine exhaust from construction equipment and vehicles, vendor trips, and construction worker commuting trips. Construction-related GHG emissions are considered temporary and short term. As shown in Table 15, Construction Emissions, short-term construction CO_{2e} emissions will not exceed the annual GHG threshold.

Table 15. Estimated Annual Construction Greenhouse Gas Emissions

Construction Year	CO ₂	CH ₄	N ₂ O	CO _{2e}
	Metric Tons per Year			
2022	4280.74	0.85	0.00	4301.95
2023	143.38	0.006	0.00	143.53
Total GHG Emissions	4,424.12	0.86	0.00	4,445.48
<i>Total Construction GHG (CO_{2e}) Amortized Emissions over 30 Years</i>				148

Operational Emissions

Less Than Significant Impact. Operation of the Project would generate GHG emissions through motor vehicle trips to and from the Project site, energy use (natural gas or electricity), potential use of the emergency generator, and potential leakage from gas-insulated circuit breakers (area source). The CalEEMod was used to calculate the annual GHG emissions based on the operational assumptions described in Section 2.4.2.2. Additionally, GHG emissions associated with SF₆-insulated circuit breakers at the on-site substation were calculated based on up to 320 pounds of SF₆ contained in equipment, an annual leak rate of 0.5%, and a GWP of 22,800.

The estimated operational GHG emissions from area sources, energy usage, motor vehicles, and emergency generator are shown in Table 16.

Table 16. Estimated Annual Operational Greenhouse Gas Emissions

Annual	CO ₂	CH ₄	N ₂ O	SF ₆	CO _{2e}
	Metric Tons per Year				
Total Operational GHG Emissions	41.68	0.11	0.0009	0.000726	61.22
<i>Total Operational GHG Emissions + Amortized Construction GHG Emissions</i>					209

As shown in Table 16, estimated annual Project-generated GHG emissions would be approximately 45 MT CO_{2e} per year as a result of Project operation. Estimated maximum annual operational emissions and amortized construction emissions would be approximately 202 MT CO_{2e} per year. As shown, the total annual emissions would not exceed the GHG significance threshold of 900 MT CO_{2e} per year. Because

the Project's GHG emissions would not result in a cumulatively considerable contribution, the Project would result in a less than significant cumulative impact in terms of climate change.

3.4.2 Would the project conflict with an applicable plan, policy, or regulations adopted for the purpose of reducing the emissions of greenhouse gases?

No Impact.

The Project would keep with renewable energy targets under the Scoping Plan, SB X1-2, and SB 350 by providing a source of renewable energy to achieve the RPS of 33% by the end of 2020 and 50% by the end of 2030. While GHG would be generated from construction and occasional operation and maintenance activities, the Project would result in a net reduction in GHG from the production of solar energy that would potentially replace energy generated by fossil fuels. The Project would assist in the attainment of the state's goals by using a renewable source of energy that could displace electricity generated by fossil-fuel-fired power plants, and therefore would comply with the goals and objectives of the state.

Under the SJVAPCD's CEQA thresholds for GHG, a project would not have a significant GHG impact if it is consistent with an applicable plan to reduce GHG emissions, and a CEQA-compliant analysis was completed for the GHG reduction plan. The GHG emission goals in the FCOG RTP/SCS are based on demographic data trends and projections that include household, employment, and total population statistics. The Project is anticipated to have up to four full-time equivalent personnel consisting of plant operators and maintenance technicians starting in 2023. The additional jobs estimated by the Project would be well within the annual growth projection for the FCOG 2014 RTP/SCS. Therefore, the Project would be consistent with the FCOG 2014 RTP/SCS and would not conflict with an applicable plan and the Project would have a less than significant impact.

4.0 REFERENCES CITED

- 13 CCR 2025. Regulation to Reduce Emissions of Diesel Particulate Matter, Oxides of Nitrogen and Other Criteria Pollutants, from In-Use Heavy-Duty Diesel-Fueled Vehicles. <https://www.arb.ca.gov/msprog/onrdiesel/documents/TBFinalReg.pdf>.
- 13 CCR 2449-2449.3 and Appendix A. General Requirements for In-Use Off-Road Diesel-Fueled Fleets. 14 CCR 15000-15387 and Appendices A-L. Guidelines for Implementation of the California Environmental Quality Act, as amended. <https://www.arb.ca.gov/regact/2007/ordiesl07/frooal.pdf>.
- CAPCOA (California Air Pollution Control Officers Association). 2008. *CEQA & Climate Change: Evaluating and Addressing Greenhouse Gas Emissions from Projects Subject to the California Environmental Quality Act*. January 2008. <http://www.capcoa.org/wp-content/uploads/downloads/2010/05/CAPCOA-White-Paper.pdf>.
- CAPCOA (California Air Pollution Control Officers Association). 2016. *California Emissions Estimator Model (CalEEMod) User's Guide Version 2016.3.1*. Prepared by BREEZE Software, A Division of Trinity Consultants in collaboration with South Coast Air Quality Management District and the California Air Districts. September 2016. Accessed December 2016. http://www.aqmd.gov/docs/default-source/caleemod/upgrades/2016.3/02_appendix-a2016-3-1.pdf?sfvrsn=2.
- CARB (California Air Resources Board). 2016. "iADAM: Air Quality Data Statistics." Accessed July 2016. <https://www.arb.ca.gov/adam/topfour/topfour1.php>.
- EPA (U.S. Environmental Protection Agency). 2016. "AirData: Access to Air Pollution Data." Last updated February 23, 2016. Accessed May 2020. http://www.epa.gov/airdata/ad_rep_mon.html.
- FCOG (Fresno Council of Governments). 2014. *2014 Regional Transportation Plan and Sustainable Communities Strategy*. https://www.fresnocog.org/wp-content/uploads/publications/RTP/Final_RTP/Fresno_COG_2014_RTP-SCS_Appendix_Final.pdf.
- IPCC (Intergovernmental Panel on Climate Change). 2007. *IPCC Fourth Assessment Synthesis of Scientific-Technical Information Relevant to Interpreting Article 2 of the UN Framework Convention on Climate Change*. https://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4_syr.pdf.
- OEHHA. 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments*. February 2015. Accessed June 2020. http://www.oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf.
- SJVAPCD (San Joaquin Valley Air Pollution Control District). 2007. *2007 PM₁₀ Maintenance Plan and Request for Redesignation*. <https://www.arb.ca.gov/planning/sip/sjvpm07/sjvtransmittal07.pdf>.
- SJVAPCD. 2009. *Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA*. <http://www.valleyair.org/Programs/CCAP/12->

- 17-09/3%20CCAP%20-%20FINAL%20LU%20Guidance%20-%20Dec%2017%202009.pdf.
- SJVAPCD. 2013. *2013 Plan for the Revoked 1-Hour Ozone Standard*. Approved September 19, 2013. http://www.valleyair.org/Air_Quality_Plans/Ozone-OneHourPlan-2013.htm.
- SJVAPCD. 2014. APR 1925 (Policy for District Rule 2201 AAQA Modeling). April 2014.
- SJVAPCD. 2015a. *Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI)*. Accessed May 2020. http://www.valleyair.org/transportation/GAMAQI_3-19-15.pdf.
- SJVAPCD. 2015b. 2015 Annual Demonstration Report SIP Credit for Emission Reductions Generated Through Incentive Programs. https://www.valleyair.org/MOP/docs/AnnualDemonstrationReport_081315.pdf.
- SJVAPCD. 2016. *2016 Ozone Plan*. Accessed May 2020. http://valleyair.org/Air_Quality_Plans/Ozone-Plan-2016/Adopted-Plan.pdf.
- SJVAPCD. 2018. *2018 Plan for the 1997, 2006, and 2012 PM2.5 Standards*. <http://valleyair.org/pmplans/documents/2018/pm-plan-adopted/2018-Plan-for-the-1997-2006-and-2012-PM2.5-Standards.pdf>.

Appendix A. Detailed CalEEMod Output

Luna Valley Solar Project - Fresno County, Annual

**Luna Valley Solar Project
Fresno County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1,300.00	User Defined Unit	1,300.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	45
Climate Zone	3			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Luna Valley Solar Project - Fresno County, Annual

Project Characteristics - Project is located in Fresno County.

Land Use - Project would be on 1300 acres of privately owned agricultural land

Off-road Equipment - Construction equipment data provided by applicant.

Off-road Equipment - Construction equipment data provided by applicant.

Off-road Equipment - Construction equipment data provided by applicant.

Trips and VMT - Peak per phase; provided by applicant.

Grading - Acres of grading.

Architectural Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft

Vehicle Trips - 4 full-time personnel.

Area Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft

Energy Use - Energy rates based on Unrefrigerated Warehouse, Lighting rates based on Parking Lot.

Water And Wastewater - Estimated (conservative) water use for building facilities and occasional solar panel cleaning.

Solid Waste - Solid waste rates based on Unrefrigerated Warehouse.

Construction Off-road Equipment Mitigation - BMPs for fugitive dust control

Tier 4 Final Engines for equipment >100 hp

Mobile Commute Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator 49 kW or less located at substation; assume no more than 50 hours/year for maintenance, testing, and emergency response.

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tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	60.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	15,500.00	85.00
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tblEnergyUse	NT24E	0.00	33,519.00
tblEnergyUse	T24E	0.00	6,795.00
tblGrading	AcresOfGrading	185.00	210.00
tblGrading	AcresOfGrading	115.63	130.00

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tblGrading	AcresOfGrading	393.13	450.00
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tblOffRoadEquipment	HorsePower	402.00	84.00
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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00

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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	0.00	6.20
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	66.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	VendorTripLength	6.60	88.00
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tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
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tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00

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tblVehicleTrips	WD_TR	0.00	0.01
tblWater	IndoorWaterUseRate	0.00	1,000,000.00
tblWater	OutdoorWaterUseRate	0.00	10,000,000.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	2.0444	16.1606	15.9857	0.0479	4.5638	0.6458	5.2096	1.8209	0.5950	2.4159	0.0000	4,280.7436	4,280.7436	0.8482	0.0000	4,301.9481
2023	0.0966	0.2141	0.4031	1.5700e-003	0.1109	7.0400e-003	0.1179	0.0296	6.7600e-003	0.0363	0.0000	143.3785	143.3785	6.1500e-003	0.0000	143.5324
Maximum	2.0444	16.1606	15.9857	0.0479	4.5638	0.6458	5.2096	1.8209	0.5950	2.4159	0.0000	4,280.7436	4,280.7436	0.8482	0.0000	4,301.9481

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	1.3663	7.3611	19.7867	0.0479	2.6704	0.2889	2.9593	0.9383	0.2695	1.2078	0.0000	4,280.7406	4,280.7406	0.8482	0.0000	4,301.9451
2023	0.0966	0.2141	0.4031	1.5700e-003	0.1023	7.0400e-003	0.1094	0.0275	6.7600e-003	0.0342	0.0000	143.3785	143.3785	6.1500e-003	0.0000	143.5324
Maximum	1.3663	7.3611	19.7867	0.0479	2.6704	0.2889	2.9593	0.9383	0.2695	1.2078	0.0000	4,280.7406	4,280.7406	0.8482	0.0000	4,301.9451

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	31.67	53.74	-23.19	0.00	40.69	54.66	42.40	47.81	54.09	49.35	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-3-2022	4-2-2022	5.1065	1.9955
2	4-3-2022	7-2-2022	7.1743	3.2866
3	7-3-2022	10-2-2022	4.1869	2.3564
4	10-3-2022	1-2-2023	1.6980	1.0836
5	1-3-2023	4-2-2023	0.2254	0.2254
6	4-3-2023	7-2-2023	0.0827	0.0827
		Highest	7.1743	3.2866

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067
Stationary	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610
Waste						0.0000	0.0000		0.0000	0.0000	1.2585	0.0000	1.2585	0.0744	0.0000	3.1180
Water						0.0000	0.0000		0.0000	0.0000	0.3173	11.7560	12.0733	0.0331	8.8000e-004	13.1633
Total	0.0121	0.0499	0.0691	3.0000e-004	0.0191	6.0000e-004	0.0197	5.1300e-003	5.9000e-004	5.7200e-003	1.5758	40.1079	41.6837	0.1091	8.8000e-004	44.6737

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067
Stationary	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610
Waste						0.0000	0.0000		0.0000	0.0000	1.2585	0.0000	1.2585	0.0744	0.0000	3.1180
Water						0.0000	0.0000		0.0000	0.0000	0.3173	11.7560	12.0733	0.0331	8.8000e-004	13.1633
Total	0.0121	0.0499	0.0691	3.0000e-004	0.0191	6.0000e-004	0.0197	5.1300e-003	5.9000e-004	5.7200e-003	1.5758	40.1079	41.6837	0.1091	8.8000e-004	44.6737

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Month 1-2	Grading	1/3/2022	2/26/2022	5	40	Stage 1: Mobilization, site prep, fencing, laydown, trenching
2	Month 3	Grading	2/27/2022	4/2/2022	5	25	Stage 1: Mobilization, site prep, fencing, laydown, trenching
3	Month 4-7	Grading	4/3/2022	7/30/2022	5	85	Stage 1 + Stage 2: Cable install, trench backfill, pile and racking install, inverter install, module install, bess install
4	Month 8-9	Trenching	7/31/2022	10/1/2022	5	45	Stage 1 + Stage 2: Cable install, trench backfill, pile and racking install, inverter install, module install, bess install
5	Month 10	Trenching	10/2/2022	10/29/2022	5	20	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
6	Month 11	Trenching	10/30/2022	12/3/2022	5	25	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
7	Month 12	Trenching	12/4/2022	12/31/2022	5	20	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
8	Month 13-14	Trenching	1/1/2023	2/25/2023	5	40	Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
9	Month 15-16	Architectural Coating	2/26/2023	4/28/2023	5	45	Stage 3: Inverter, pile racking, module, bess install, commissioning/testing

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,900; Non-Residential Outdoor: 3,300; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Month 1-2	Excavators	2	8.00	158	0.38

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Month 1-2	Forklifts	3	7.00	89	0.20
Month 1-2	Graders	6	7.00	179	0.41
Month 1-2	Off-Highway Trucks	12	7.00	84	0.38
Month 1-2	Rollers	6	7.00	131	0.38
Month 1-2	Rubber Tired Dozers	6	7.00	215	0.40
Month 1-2	Rubber Tired Loaders	6	7.00	225	0.36
Month 1-2	Scrapers	2	8.00	367	0.48
Month 1-2	Skid Steer Loaders	10	4.00	73	0.37
Month 1-2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Month 3	Aerial Lifts	8	4.00	49	0.31
Month 3	Cranes	2	7.00	81	0.37
Month 3	Cranes	1	4.00	81	0.37
Month 3	Excavators	2	8.00	158	0.38
Month 3	Forklifts	3	7.00	89	0.20
Month 3	Graders	6	7.00	179	0.41
Month 3	Off-Highway Trucks	12	7.00	84	0.38
Month 3	Rollers	6	7.00	131	0.38
Month 3	Rubber Tired Dozers	6	7.00	215	0.40
Month 3	Rubber Tired Loaders	6	7.00	225	0.36
Month 3	Scrapers	2	8.00	367	0.48
Month 3	Skid Steer Loaders	10	4.00	73	0.37
Month 3	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 3	Trenchers	4	7.00	78	0.50
Month 4-7	Aerial Lifts	8	4.00	49	0.31
Month 4-7	Bore/Drill Rigs	15	7.00	180	0.50
Month 4-7	Cranes	2	7.00	81	0.37
Month 4-7	Cranes	1	4.00	81	0.37

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Month 4-7	Excavators	2	8.00	158	0.38
Month 4-7	Forklifts	10	7.00	89	0.20
Month 4-7	Forklifts	1	4.00	89	0.20
Month 4-7	Graders	6	7.00	179	0.41
Month 4-7	Off-Highway Trucks	12	7.00	84	0.38
Month 4-7	Rollers	6	7.00	131	0.38
Month 4-7	Rubber Tired Dozers	6	7.00	215	0.40
Month 4-7	Rubber Tired Loaders	6	7.00	225	0.36
Month 4-7	Scrapers	2	8.00	367	0.48
Month 4-7	Skid Steer Loaders	6	4.00	73	0.37
Month 4-7	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 4-7	Trenchers	4	7.00	78	0.50
Month 4-7	Welders	2	4.00	78	0.45
Month 8-9	Aerial Lifts	8	4.00	49	0.31
Month 8-9	Bore/Drill Rigs	15	7.00	180	0.50
Month 8-9	Cranes	2	7.00	81	0.37
Month 8-9	Cranes	1	4.00	81	0.37
Month 8-9	Forklifts	10	7.00	89	0.20
Month 8-9	Forklifts	1	4.00	89	0.20
Month 8-9	Off-Highway Trucks	8	7.00	84	0.38
Month 8-9	Skid Steer Loaders	6	4.00	73	0.37
Month 8-9	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 8-9	Welders	2	4.00	78	0.45
Month 10	Aerial Lifts	8	4.00	49	0.31
Month 10	Bore/Drill Rigs	15	7.00	180	0.50
Month 10	Cranes	2	7.00	81	0.37
Month 10	Forklifts	10	7.00	89	0.20

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Month 10	Forklifts	1	4.00	89	0.20
Month 10	Off-Highway Trucks	8	7.00	84	0.38
Month 10	Skid Steer Loaders	6	4.00	73	0.37
Month 10	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 10	Welders	2	4.00	78	0.45
Month 11	Aerial Lifts	8	4.00	49	0.31
Month 11	Bore/Drill Rigs	15	7.00	180	0.50
Month 11	Forklifts	10	7.00	89	0.20
Month 11	Off-Highway Trucks	8	7.00	84	0.38
Month 11	Skid Steer Loaders	6	4.00	73	0.37
Month 11	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 11	Welders	2	4.00	78	0.45
Month 12	Forklifts	1	7.00	89	0.20
Month 12	Off-Highway Trucks	6	7.00	84	0.38
Month 12	Skid Steer Loaders	1	4.00	73	0.37
Month 12	Welders	1	4.00	78	0.45
Month 13-14	Forklifts	1	7.00	89	0.20
Month 13-14	Off-Highway Trucks	3	7.00	84	0.38
Month 13-14	Skid Steer Loaders	1	4.00	73	0.37
Month 13-14	Welders	1	4.00	78	0.45
Month 15-16	Air Compressors	1	6.00	78	0.48
Month 15-16	Forklifts	1	7.00	89	0.20
Month 15-16	Off-Highway Trucks	2	7.00	84	0.38
Month 15-16	Skid Steer Loaders	1	4.00	73	0.37
Month 15-16	Welders	1	4.00	78	0.45

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Month 1-2	55	134.00	10.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 3	75	262.00	10.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 4-7	96	649.00	13.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 8-9	60	538.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 10	59	448.00	16.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 11	56	374.00	4.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 12	9	115.00	4.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 13-14	6	78.00	4.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 15-16	6	78.00	4.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

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3.2 Month 1-2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7437	0.0000	0.7437	0.3596	0.0000	0.3596	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2285	2.4977	1.6383	3.8700e-003		0.1026	0.1026		0.0944	0.0944	0.0000	340.3532	340.3532	0.1101	0.0000	343.1051
Total	0.2285	2.4977	1.6383	3.8700e-003	0.7437	0.1026	0.8462	0.3596	0.0944	0.4540	0.0000	340.3532	340.3532	0.1101	0.0000	343.1051

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9900e-003	0.1422	0.0254	6.0000e-004	0.0150	5.9000e-004	0.0156	4.1300e-003	5.7000e-004	4.7000e-003	0.0000	57.2848	57.2848	1.5900e-003	0.0000	57.3247
Worker	0.0289	0.0195	0.1955	6.9000e-004	0.0793	4.3000e-004	0.0797	0.0211	4.0000e-004	0.0215	0.0000	62.5519	62.5519	1.3100e-003	0.0000	62.5847
Total	0.0339	0.1616	0.2209	1.2900e-003	0.0943	1.0200e-003	0.0954	0.0252	9.7000e-004	0.0262	0.0000	119.8367	119.8367	2.9000e-003	0.0000	119.9093

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3.2 Month 1-2 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2755	0.0000	0.2755	0.1332	0.0000	0.1332	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0887	0.7384	2.0155	3.8700e-003		0.0297	0.0297		0.0276	0.0276	0.0000	340.3528	340.3528	0.1101	0.0000	343.1047
Total	0.0887	0.7384	2.0155	3.8700e-003	0.2755	0.0297	0.3052	0.1332	0.0276	0.1609	0.0000	340.3528	340.3528	0.1101	0.0000	343.1047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9900e-003	0.1422	0.0254	6.0000e-004	0.0140	5.9000e-004	0.0146	3.8800e-003	5.7000e-004	4.4500e-003	0.0000	57.2848	57.2848	1.5900e-003	0.0000	57.3247
Worker	0.0289	0.0195	0.1955	6.9000e-004	0.0731	4.3000e-004	0.0735	0.0196	4.0000e-004	0.0200	0.0000	62.5519	62.5519	1.3100e-003	0.0000	62.5847
Total	0.0339	0.1616	0.2209	1.2900e-003	0.0871	1.0200e-003	0.0882	0.0234	9.7000e-004	0.0244	0.0000	119.8367	119.8367	2.9000e-003	0.0000	119.9093

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3.3 Month 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4641	0.0000	0.4641	0.2247	0.0000	0.2247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1781	1.8937	1.3778	2.9400e-003		0.0835	0.0835		0.0768	0.0768	0.0000	258.5123	258.5123	0.0836	0.0000	260.6025
Total	0.1781	1.8937	1.3778	2.9400e-003	0.4641	0.0835	0.5476	0.2247	0.0768	0.3015	0.0000	258.5123	258.5123	0.0836	0.0000	260.6025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1200e-003	0.0889	0.0159	3.8000e-004	9.4000e-003	3.7000e-004	9.7700e-003	2.5800e-003	3.5000e-004	2.9400e-003	0.0000	35.8030	35.8030	1.0000e-003	0.0000	35.8279
Worker	0.0353	0.0238	0.2389	8.4000e-004	0.0969	5.3000e-004	0.0974	0.0257	4.9000e-004	0.0262	0.0000	76.4393	76.4393	1.6000e-003	0.0000	76.4794
Total	0.0384	0.1126	0.2547	1.2200e-003	0.1063	9.0000e-004	0.1072	0.0283	8.4000e-004	0.0292	0.0000	112.2423	112.2423	2.6000e-003	0.0000	112.3073

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3.3 Month 3 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1720	0.0000	0.1720	0.0832	0.0000	0.0832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0853	0.7407	1.6482	2.9400e-003		0.0350	0.0350		0.0325	0.0325	0.0000	258.5120	258.5120	0.0836	0.0000	260.6022
Total	0.0853	0.7407	1.6482	2.9400e-003	0.1720	0.0350	0.2070	0.0832	0.0325	0.1157	0.0000	258.5120	258.5120	0.0836	0.0000	260.6022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1200e-003	0.0889	0.0159	3.8000e-004	8.7600e-003	3.7000e-004	9.1300e-003	2.4300e-003	3.5000e-004	2.7800e-003	0.0000	35.8030	35.8030	1.0000e-003	0.0000	35.8279
Worker	0.0353	0.0238	0.2389	8.4000e-004	0.0893	5.3000e-004	0.0899	0.0239	4.9000e-004	0.0244	0.0000	76.4393	76.4393	1.6000e-003	0.0000	76.4794
Total	0.0384	0.1126	0.2547	1.2200e-003	0.0981	9.0000e-004	0.0990	0.0263	8.4000e-004	0.0272	0.0000	112.2423	112.2423	2.6000e-003	0.0000	112.3073

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3.4 Month 4-7 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5823	0.0000	1.5823	0.7644	0.0000	0.7644	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7426	7.7507	5.8984	0.0147		0.3374	0.3374		0.3107	0.3107	0.0000	1,289.4950	1,289.4950	0.4135	0.0000	1,299.8319
Total	0.7426	7.7507	5.8984	0.0147	1.5823	0.3374	1.9197	0.7644	0.3107	1.0751	0.0000	1,289.4950	1,289.4950	0.4135	0.0000	1,299.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.3927	0.0702	1.6600e-003	0.0415	1.6300e-003	0.0432	0.0114	1.5600e-003	0.0130	0.0000	158.2493	158.2493	4.4000e-003	0.0000	158.3593
Worker	0.2975	0.2003	2.0117	7.1200e-003	0.8160	4.4700e-003	0.8205	0.2168	4.1100e-003	0.2209	0.0000	643.7824	643.7824	0.0135	0.0000	644.1198
Total	0.3113	0.5930	2.0819	8.7800e-003	0.8575	6.1000e-003	0.8636	0.2282	5.6700e-003	0.2339	0.0000	802.0317	802.0317	0.0179	0.0000	802.4792

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3.4 Month 4-7 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5862	0.0000	0.5862	0.2832	0.0000	0.2832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.0307	7.8380	0.0147		0.1468	0.1468		0.1368	0.1368	0.0000	1,289.4935	1,289.4935	0.4135	0.0000	1,299.8303
Total	0.3786	3.0307	7.8380	0.0147	0.5862	0.1468	0.7331	0.2832	0.1368	0.4200	0.0000	1,289.4935	1,289.4935	0.4135	0.0000	1,299.8303

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.3927	0.0702	1.6600e-003	0.0387	1.6300e-003	0.0404	0.0107	1.5600e-003	0.0123	0.0000	158.2493	158.2493	4.4000e-003	0.0000	158.3593
Worker	0.2975	0.2003	2.0117	7.1200e-003	0.7524	4.4700e-003	0.7568	0.2012	4.1100e-003	0.2053	0.0000	643.7824	643.7824	0.0135	0.0000	644.1198
Total	0.3113	0.5930	2.0819	8.7800e-003	0.7911	6.1000e-003	0.7972	0.2119	5.6700e-003	0.2176	0.0000	802.0317	802.0317	0.0179	0.0000	802.4792

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3.5 Month 8-9 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1303	1.2823	1.4190	3.6400e-003		0.0569	0.0569		0.0525	0.0525	0.0000	319.6169	319.6169	0.1015	0.0000	322.1538
Total	0.1303	1.2823	1.4190	3.6400e-003		0.0569	0.0569		0.0525	0.0525	0.0000	319.6169	319.6169	0.1015	0.0000	322.1538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3199	0.0572	1.3500e-003	0.0338	1.3300e-003	0.0352	9.3000e-003	1.2700e-003	0.0106	0.0000	128.8908	128.8908	3.5900e-003	0.0000	128.9805
Worker	0.1306	0.0879	0.8829	3.1200e-003	0.3581	1.9600e-003	0.3601	0.0951	1.8000e-003	0.0969	0.0000	282.5337	282.5337	5.9200e-003	0.0000	282.6818
Total	0.1418	0.4078	0.9401	4.4700e-003	0.3919	3.2900e-003	0.3952	0.1044	3.0700e-003	0.1075	0.0000	411.4245	411.4245	9.5100e-003	0.0000	411.6623

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3.5 Month 8-9 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0895	0.6987	2.0259	3.6400e-003		0.0345	0.0345		0.0322	0.0322	0.0000	319.6165	319.6165	0.1015	0.0000	322.1534
Total	0.0895	0.6987	2.0259	3.6400e-003		0.0345	0.0345		0.0322	0.0322	0.0000	319.6165	319.6165	0.1015	0.0000	322.1534

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3199	0.0572	1.3500e-003	0.0316	1.3300e-003	0.0329	8.7400e-003	1.2700e-003	0.0100	0.0000	128.8908	128.8908	3.5900e-003	0.0000	128.9805
Worker	0.1306	0.0879	0.8829	3.1200e-003	0.3302	1.9600e-003	0.3322	0.0883	1.8000e-003	0.0901	0.0000	282.5337	282.5337	5.9200e-003	0.0000	282.6818
Total	0.1418	0.4078	0.9401	4.4700e-003	0.3617	3.2900e-003	0.3650	0.0970	3.0700e-003	0.1001	0.0000	411.4245	411.4245	9.5100e-003	0.0000	411.6623

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3.6 Month 10 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0564	0.5563	0.6202	1.6100e-003		0.0244	0.0244		0.0225	0.0225	0.0000	140.9251	140.9251	0.0447	0.0000	142.0435
Total	0.0564	0.5563	0.6202	1.6100e-003		0.0244	0.0244		0.0225	0.0225	0.0000	140.9251	140.9251	0.0447	0.0000	142.0435

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9900e-003	0.1137	0.0203	4.8000e-004	0.0120	4.7000e-004	0.0125	3.3100e-003	4.5000e-004	3.7600e-003	0.0000	45.8279	45.8279	1.2700e-003	0.0000	45.8597
Worker	0.0483	0.0325	0.3268	1.1600e-003	0.1325	7.3000e-004	0.1333	0.0352	6.7000e-004	0.0359	0.0000	104.5643	104.5643	2.1900e-003	0.0000	104.6191
Total	0.0523	0.1463	0.3471	1.6400e-003	0.1446	1.2000e-003	0.1458	0.0385	1.1200e-003	0.0396	0.0000	150.3922	150.3922	3.4600e-003	0.0000	150.4788

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3.6 Month 10 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0383	0.2969	0.8899	1.6100e-003		0.0144	0.0144		0.0135	0.0135	0.0000	140.9249	140.9249	0.0447	0.0000	142.0433
Total	0.0383	0.2969	0.8899	1.6100e-003		0.0144	0.0144		0.0135	0.0135	0.0000	140.9249	140.9249	0.0447	0.0000	142.0433

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9900e-003	0.1137	0.0203	4.8000e-004	0.0112	4.7000e-004	0.0117	3.1100e-003	4.5000e-004	3.5600e-003	0.0000	45.8279	45.8279	1.2700e-003	0.0000	45.8597
Worker	0.0483	0.0325	0.3268	1.1600e-003	0.1222	7.3000e-004	0.1229	0.0327	6.7000e-004	0.0333	0.0000	104.5643	104.5643	2.1900e-003	0.0000	104.6191
Total	0.0523	0.1463	0.3471	1.6400e-003	0.1334	1.2000e-003	0.1346	0.0358	1.1200e-003	0.0369	0.0000	150.3922	150.3922	3.4600e-003	0.0000	150.4788

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3.7 Month 11 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0631	0.6292	0.7221	1.9400e-003		0.0260	0.0260		0.0241	0.0241	0.0000	170.3870	170.3870	0.0541	0.0000	171.7384
Total	0.0631	0.6292	0.7221	1.9400e-003		0.0260	0.0260		0.0241	0.0241	0.0000	170.3870	170.3870	0.0541	0.0000	171.7384

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2500e-003	0.0355	6.3500e-003	1.5000e-004	3.7600e-003	1.5000e-004	3.9100e-003	1.0300e-003	1.4000e-004	1.1700e-003	0.0000	14.3212	14.3212	4.0000e-004	0.0000	14.3312
Worker	0.0504	0.0339	0.3410	1.2100e-003	0.1383	7.6000e-004	0.1391	0.0367	7.0000e-004	0.0374	0.0000	109.1157	109.1157	2.2900e-003	0.0000	109.1729
Total	0.0517	0.0695	0.3473	1.3600e-003	0.1421	9.1000e-004	0.1430	0.0378	8.4000e-004	0.0386	0.0000	123.4369	123.4369	2.6900e-003	0.0000	123.5040

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3.7 Month 11 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0405	0.3050	1.0593	1.9400e-003		0.0136	0.0136		0.0128	0.0128	0.0000	170.3868	170.3868	0.0541	0.0000	171.7382
Total	0.0405	0.3050	1.0593	1.9400e-003		0.0136	0.0136		0.0128	0.0128	0.0000	170.3868	170.3868	0.0541	0.0000	171.7382

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2500e-003	0.0355	6.3500e-003	1.5000e-004	3.5100e-003	1.5000e-004	3.6500e-003	9.7000e-004	1.4000e-004	1.1100e-003	0.0000	14.3212	14.3212	4.0000e-004	0.0000	14.3312
Worker	0.0504	0.0339	0.3410	1.2100e-003	0.1275	7.6000e-004	0.1283	0.0341	7.0000e-004	0.0348	0.0000	109.1157	109.1157	2.2900e-003	0.0000	109.1729
Total	0.0517	0.0695	0.3473	1.3600e-003	0.1310	9.1000e-004	0.1319	0.0351	8.4000e-004	0.0359	0.0000	123.4369	123.4369	2.6900e-003	0.0000	123.5040

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3.8 Month 12 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5700e-003	0.0231	0.0289	4.0000e-005		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	3.7917	3.7917	8.1000e-004	0.0000	3.8118
Total	2.5700e-003	0.0231	0.0289	4.0000e-005		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	3.7917	3.7917	8.1000e-004	0.0000	3.8118

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-003	0.0284	5.0800e-003	1.2000e-004	3.0100e-003	1.2000e-004	3.1300e-003	8.3000e-004	1.1000e-004	9.4000e-004	0.0000	11.4570	11.4570	3.2000e-004	0.0000	11.4649
Worker	0.0124	8.3500e-003	0.0839	3.0000e-004	0.0340	1.9000e-004	0.0342	9.0400e-003	1.7000e-004	9.2100e-003	0.0000	26.8413	26.8413	5.6000e-004	0.0000	26.8554
Total	0.0134	0.0368	0.0890	4.2000e-004	0.0370	3.1000e-004	0.0373	9.8700e-003	2.8000e-004	0.0102	0.0000	38.2983	38.2983	8.8000e-004	0.0000	38.3203

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3.8 Month 12 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5700e-003	0.0231	0.0289	4.0000e-005		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	3.7917	3.7917	8.1000e-004	0.0000	3.8118
Total	2.5700e-003	0.0231	0.0289	4.0000e-005		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	3.7917	3.7917	8.1000e-004	0.0000	3.8118

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-003	0.0284	5.0800e-003	1.2000e-004	2.8000e-003	1.2000e-004	2.9200e-003	7.8000e-004	1.1000e-004	8.9000e-004	0.0000	11.4570	11.4570	3.2000e-004	0.0000	11.4649
Worker	0.0124	8.3500e-003	0.0839	3.0000e-004	0.0314	1.9000e-004	0.0316	8.3900e-003	1.7000e-004	8.5600e-003	0.0000	26.8413	26.8413	5.6000e-004	0.0000	26.8554
Total	0.0134	0.0368	0.0890	4.2000e-004	0.0342	3.1000e-004	0.0345	9.1700e-003	2.8000e-004	9.4500e-003	0.0000	38.2983	38.2983	8.8000e-004	0.0000	38.3203

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3.9 Month 13-14 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7400e-003	0.0426	0.0577	9.0000e-005		2.2300e-003	2.2300e-003		2.1200e-003	2.1200e-003	0.0000	7.5843	7.5843	1.6000e-003	0.0000	7.6243
Total	4.7400e-003	0.0426	0.0577	9.0000e-005		2.2300e-003	2.2300e-003		2.1200e-003	2.1200e-003	0.0000	7.5843	7.5843	1.6000e-003	0.0000	7.6243

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3700e-003	0.0342	8.6900e-003	2.3000e-004	6.0100e-003	9.0000e-005	6.1100e-003	1.6500e-003	9.0000e-005	1.7400e-003	0.0000	22.1417	22.1417	4.5000e-004	0.0000	22.1530
Worker	0.0157	0.0102	0.1042	3.9000e-004	0.0462	2.5000e-004	0.0464	0.0123	2.3000e-004	0.0125	0.0000	35.0428	35.0428	6.8000e-004	0.0000	35.0599
Total	0.0171	0.0444	0.1129	6.2000e-004	0.0522	3.4000e-004	0.0525	0.0139	3.2000e-004	0.0142	0.0000	57.1845	57.1845	1.1300e-003	0.0000	57.2129

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3.9 Month 13-14 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7400e-003	0.0426	0.0577	9.0000e-005		2.2300e-003	2.2300e-003		2.1200e-003	2.1200e-003	0.0000	7.5843	7.5843	1.6000e-003	0.0000	7.6243
Total	4.7400e-003	0.0426	0.0577	9.0000e-005		2.2300e-003	2.2300e-003		2.1200e-003	2.1200e-003	0.0000	7.5843	7.5843	1.6000e-003	0.0000	7.6243

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3700e-003	0.0342	8.6900e-003	2.3000e-004	5.6100e-003	9.0000e-005	5.7000e-003	1.5500e-003	9.0000e-005	1.6400e-003	0.0000	22.1417	22.1417	4.5000e-004	0.0000	22.1530
Worker	0.0157	0.0102	0.1042	3.9000e-004	0.0426	2.5000e-004	0.0428	0.0114	2.3000e-004	0.0116	0.0000	35.0428	35.0428	6.8000e-004	0.0000	35.0599
Total	0.0171	0.0444	0.1129	6.2000e-004	0.0482	3.4000e-004	0.0485	0.0129	3.2000e-004	0.0132	0.0000	57.1845	57.1845	1.1300e-003	0.0000	57.2129

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3.10 Month 15-16 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0459					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6400e-003	0.0772	0.1056	1.6000e-004		4.1000e-003	4.1000e-003		3.9800e-003	3.9800e-003	0.0000	14.2772	14.2772	2.1400e-003	0.0000	14.3308
Total	0.0555	0.0772	0.1056	1.6000e-004		4.1000e-003	4.1000e-003		3.9800e-003	3.9800e-003	0.0000	14.2772	14.2772	2.1400e-003	0.0000	14.3308

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5400e-003	0.0385	9.7800e-003	2.6000e-004	6.7700e-003	1.0000e-004	6.8700e-003	1.8600e-003	1.0000e-004	1.9600e-003	0.0000	24.9094	24.9094	5.1000e-004	0.0000	24.9221
Worker	0.0177	0.0114	0.1172	4.4000e-004	0.0519	2.8000e-004	0.0522	0.0138	2.5000e-004	0.0141	0.0000	39.4232	39.4232	7.7000e-004	0.0000	39.4424
Total	0.0193	0.0499	0.1270	7.0000e-004	0.0587	3.8000e-004	0.0591	0.0157	3.5000e-004	0.0160	0.0000	64.3326	64.3326	1.2800e-003	0.0000	64.3645

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3.10 Month 15-16 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0459					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6400e-003	0.0772	0.1056	1.6000e-004		4.1000e-003	4.1000e-003		3.9800e-003	3.9800e-003	0.0000	14.2771	14.2771	2.1400e-003	0.0000	14.3307
Total	0.0555	0.0772	0.1056	1.6000e-004		4.1000e-003	4.1000e-003		3.9800e-003	3.9800e-003	0.0000	14.2771	14.2771	2.1400e-003	0.0000	14.3307

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5400e-003	0.0385	9.7800e-003	2.6000e-004	6.3100e-003	1.0000e-004	6.4100e-003	1.7500e-003	1.0000e-004	1.8500e-003	0.0000	24.9094	24.9094	5.1000e-004	0.0000	24.9221
Worker	0.0177	0.0114	0.1172	4.4000e-004	0.0479	2.8000e-004	0.0482	0.0128	2.5000e-004	0.0131	0.0000	39.4232	39.4232	7.7000e-004	0.0000	39.4424
Total	0.0193	0.0499	0.1270	7.0000e-004	0.0542	3.8000e-004	0.0546	0.0146	3.5000e-004	0.0149	0.0000	64.3326	64.3326	1.2800e-003	0.0000	64.3645

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067
Unmitigated	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	13.00	0.00	0.00	49,686	49,686
Total	13.00	0.00	0.00	49,686	49,686

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.496766	0.030510	0.170483	0.111467	0.014688	0.004287	0.033704	0.127678	0.002360	0.001460	0.004966	0.001070	0.000562

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Unmitigated	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.5900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Total	5.7000e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.5900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Total	5.7000e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	12.0733	0.0331	8.8000e-004	13.1633
Unmitigated	12.0733	0.0331	8.8000e-004	13.1633

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	1 / 10	12.0733	0.0331	8.8000e-004	13.1633
Total		12.0733	0.0331	8.8000e-004	13.1633

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	1 / 10	12.0733	0.0331	8.8000e-004	13.1633
Total		12.0733	0.0331	8.8000e-004	13.1633

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.2585	0.0744	0.0000	3.1180
Unmitigated	1.2585	0.0744	0.0000	3.1180

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	6.2	1.2585	0.0744	0.0000	3.1180
Total		1.2585	0.0744	0.0000	3.1180

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	6.2	1.2585	0.0744	0.0000	3.1180
Total		1.2585	0.0744	0.0000	3.1180

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	66	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (50 - 75 HP)	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610
Total	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610

11.0 Vegetation

Luna Valley Solar Project - Fresno County, Summer

Luna Valley Solar Project
Fresno County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1,300.00	User Defined Unit	1,300.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	45
Climate Zone	3			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Luna Valley Solar Project - Fresno County, Summer

Project Characteristics - Project is located in Fresno County.

Land Use - Project would be on 1300 acres of privately owned agricultural land

Off-road Equipment - Construction equipment data provided by applicant.

Off-road Equipment - Construction equipment data provided by applicant.

Off-road Equipment - Construction equipment data provided by applicant.

Trips and VMT - Peak per phase; provided by applicant.

Grading - Acres of grading.

Architectural Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft

Vehicle Trips - 4 full-time personnel.

Area Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft

Energy Use - Energy rates based on Unrefrigerated Warehouse, Lighting rates based on Parking Lot.

Water And Wastewater - Estimated (conservative) water use for building facilities and occasional solar panel cleaning.

Solid Waste - Solid waste rates based on Unrefrigerated Warehouse.

Construction Off-road Equipment Mitigation - BMPs for fugitive dust control

Tier 4 Final Engines for equipment >100 hp

Mobile Commute Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator 49 kW or less located at substation; assume no more than 50 hours/year for maintenance, testing, and emergency response.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	3,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	9,900.00
tblAreaCoating	Area_Nonresidential_Exterior	0	3300
tblAreaCoating	Area_Nonresidential_Interior	0	9900
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Luna Valley Solar Project - Fresno County, Summer

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	60.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	71.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	15,500.00	25.00
tblConstructionPhase	NumDays	15,500.00	85.00
tblEnergyUse	LightingElect	0.00	36,285.00
tblEnergyUse	NT24E	0.00	33,519.00
tblEnergyUse	T24E	0.00	6,795.00
tblGrading	AcresOfGrading	185.00	210.00
tblGrading	AcresOfGrading	115.63	130.00

Luna Valley Solar Project - Fresno County, Summer

tblGrading	AcresOfGrading	393.13	450.00
tblLandUse	LotAcreage	0.00	1,300.00
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tblOffRoadEquipment	HorsePower	187.00	179.00
tblOffRoadEquipment	HorsePower	187.00	179.00
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Luna Valley Solar Project - Fresno County, Summer

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tblOffRoadEquipment	HorsePower	402.00	84.00
tblOffRoadEquipment	HorsePower	402.00	84.00
tblOffRoadEquipment	HorsePower	402.00	84.00
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tblOffRoadEquipment	HorsePower	97.00	127.00
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Luna Valley Solar Project - Fresno County, Summer

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tblOffRoadEquipment	HorsePower	46.00	78.00
tblOffRoadEquipment	HorsePower	46.00	78.00
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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00

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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	0.00	6.20
tblTripsAndVMT	VendorTripLength	6.60	88.00
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tblTripsAndVMT	VendorTripLength	6.60	88.00
tblTripsAndVMT	VendorTripLength	6.60	88.00
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tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT

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tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
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tblTripsAndVMT	WorkerTripNumber	150.00	626.00
tblTripsAndVMT	WorkerTripNumber	148.00	448.00
tblTripsAndVMT	WorkerTripNumber	140.00	374.00
tblTripsAndVMT	WorkerTripNumber	23.00	115.00
tblTripsAndVMT	WorkerTripNumber	15.00	78.00
tblTripsAndVMT	WorkerTripNumber	0.00	78.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	WD_TR	0.00	0.01
tblWater	IndoorWaterUseRate	0.00	1,000,000.00
tblWater	OutdoorWaterUseRate	0.00	10,000,000.00

Luna Valley Solar Project - Fresno County, Summer

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	29.1784	256.2013	223.8159	0.8788	69.7930	8.3656	78.1587	26.6875	7.7152	34.4027	0.0000	88,204.4125	88,204.4125	12.0682	0.0000	88,506.1165
2023	3.6303	12.1429	13.1845	0.0869	3.9105	0.2175	4.1279	1.0506	0.2100	1.2607	0.0000	8,936.7077	8,936.7077	0.2675	0.0000	8,943.3960
Maximum	29.1784	256.2013	223.8159	0.8788	69.7930	8.3656	78.1587	26.6875	7.7152	34.4027	0.0000	88,204.4125	88,204.4125	12.0682	0.0000	88,506.1165

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	20.6133	145.1427	269.4547	0.8788	43.8863	3.8815	47.7678	14.7596	3.6234	18.3831	0.0000	88,204.4125	88,204.4125	12.0682	0.0000	88,506.1165
2023	3.6303	12.1429	13.1845	0.0869	3.6201	0.2175	3.8376	0.9794	0.2100	1.1894	0.0000	8,936.7077	8,936.7077	0.2675	0.0000	8,943.3960
Maximum	20.6133	145.1427	269.4547	0.8788	43.8863	3.8815	47.7678	14.7596	3.6234	18.3831	0.0000	88,204.4125	88,204.4125	12.0682	0.0000	88,506.1165

Luna Valley Solar Project - Fresno County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	26.11	41.39	-19.26	0.00	35.54	52.24	37.29	43.26	51.63	45.12	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0331	0.3085	0.4114	2.3500e-003	0.1504	1.2200e-003	0.1516	0.0405	1.1500e-003	0.0416		240.9387	240.9387	0.0116		241.2278
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0705	0.3097	0.5442	2.3600e-003	0.1504	1.6900e-003	0.1521	0.0405	1.6200e-003	0.0421		241.2232	241.2232	0.0123	0.0000	241.5310

Luna Valley Solar Project - Fresno County, Summer

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004			0.3032
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000		0.0000
Mobile	0.0331	0.3085	0.4114	2.3500e-003	0.1504	1.2200e-003	0.1516	0.0405	1.1500e-003	0.0416		240.9387	240.9387	0.0116			241.2278
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Total	0.0705	0.3097	0.5442	2.3600e-003	0.1504	1.6900e-003	0.1521	0.0405	1.6200e-003	0.0421		241.2232	241.2232	0.0123	0.0000		241.5310

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Luna Valley Solar Project - Fresno County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Month 1-2	Grading	1/3/2022	2/26/2022	5	40	Stage 1: Mobilization, site prep, fencing, laydown, trenching
2	Month 3	Grading	2/27/2022	4/2/2022	5	25	Stage 1: Mobilization, site prep, fencing, laydown, trenching
3	Month 4-7	Grading	4/3/2022	7/30/2022	5	85	Stage 1 + Stage 2: Cable install, trench backfill, pile and racking install, inverter install, module install, bess install
4	Month 8-9	Trenching	7/31/2022	10/1/2022	5	45	Stage 1 + Stage 2: Cable install, trench backfill, pile and racking install, inverter install, module install, bess install
5	Month 10	Trenching	10/2/2022	10/29/2022	5	20	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
6	Month 11	Trenching	10/30/2022	12/3/2022	5	25	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
7	Month 12	Trenching	12/4/2022	12/31/2022	5	20	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
8	Month 13-14	Trenching	1/1/2023	2/25/2023	5	40	Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
9	Month 15-16	Architectural Coating	2/26/2023	4/28/2023	5	45	Stage 3: Inverter, pile racking, module, bess install, commissioning/testing

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,900; Non-Residential Outdoor: 3,300; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Month 1-2	Excavators	2	8.00	158	0.38

Luna Valley Solar Project - Fresno County, Summer

Month 1-2	Forklifts	3	7.00	89	0.20
Month 1-2	Graders	6	7.00	179	0.41
Month 1-2	Off-Highway Trucks	12	7.00	84	0.38
Month 1-2	Rollers	6	7.00	131	0.38
Month 1-2	Rubber Tired Dozers	6	7.00	215	0.40
Month 1-2	Rubber Tired Loaders	6	7.00	225	0.36
Month 1-2	Scrapers	2	8.00	367	0.48
Month 1-2	Skid Steer Loaders	10	4.00	73	0.37
Month 1-2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Month 3	Aerial Lifts	8	4.00	49	0.31
Month 3	Cranes	2	7.00	81	0.37
Month 3	Cranes	1	4.00	81	0.37
Month 3	Excavators	2	8.00	158	0.38
Month 3	Forklifts	3	7.00	89	0.20
Month 3	Graders	6	7.00	179	0.41
Month 3	Off-Highway Trucks	12	7.00	84	0.38
Month 3	Rollers	6	7.00	131	0.38
Month 3	Rubber Tired Dozers	6	7.00	215	0.40
Month 3	Rubber Tired Loaders	6	7.00	225	0.36
Month 3	Scrapers	2	8.00	367	0.48
Month 3	Skid Steer Loaders	10	4.00	73	0.37
Month 3	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 3	Trenchers	4	7.00	78	0.50
Month 4-7	Aerial Lifts	8	4.00	49	0.31
Month 4-7	Bore/Drill Rigs	15	7.00	180	0.50
Month 4-7	Cranes	2	7.00	81	0.37
Month 4-7	Cranes	1	4.00	81	0.37

Luna Valley Solar Project - Fresno County, Summer

Month 4-7	Excavators	2	8.00	158	0.38
Month 4-7	Forklifts	10	7.00	89	0.20
Month 4-7	Forklifts	1	4.00	89	0.20
Month 4-7	Graders	6	7.00	179	0.41
Month 4-7	Off-Highway Trucks	12	7.00	84	0.38
Month 4-7	Rollers	6	7.00	131	0.38
Month 4-7	Rubber Tired Dozers	6	7.00	215	0.40
Month 4-7	Rubber Tired Loaders	6	7.00	225	0.36
Month 4-7	Scrapers	2	8.00	367	0.48
Month 4-7	Skid Steer Loaders	6	4.00	73	0.37
Month 4-7	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 4-7	Trenchers	4	7.00	78	0.50
Month 4-7	Welders	2	4.00	78	0.45
Month 8-9	Aerial Lifts	8	4.00	49	0.31
Month 8-9	Bore/Drill Rigs	15	7.00	180	0.50
Month 8-9	Cranes	2	7.00	81	0.37
Month 8-9	Cranes	1	4.00	81	0.37
Month 8-9	Forklifts	10	7.00	89	0.20
Month 8-9	Forklifts	1	4.00	89	0.20
Month 8-9	Off-Highway Trucks	8	7.00	84	0.38
Month 8-9	Skid Steer Loaders	6	4.00	73	0.37
Month 8-9	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 8-9	Welders	2	4.00	78	0.45
Month 10	Aerial Lifts	8	4.00	49	0.31
Month 10	Bore/Drill Rigs	15	7.00	180	0.50
Month 10	Cranes	2	7.00	81	0.37
Month 10	Forklifts	10	7.00	89	0.20

Luna Valley Solar Project - Fresno County, Summer

Month 10	Forklifts	1	4.00	89	0.20
Month 10	Off-Highway Trucks	8	7.00	84	0.38
Month 10	Skid Steer Loaders	6	4.00	73	0.37
Month 10	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 10	Welders	2	4.00	78	0.45
Month 11	Aerial Lifts	8	4.00	49	0.31
Month 11	Bore/Drill Rigs	15	7.00	180	0.50
Month 11	Forklifts	10	7.00	89	0.20
Month 11	Off-Highway Trucks	8	7.00	84	0.38
Month 11	Skid Steer Loaders	6	4.00	73	0.37
Month 11	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 11	Welders	2	4.00	78	0.45
Month 12	Forklifts	1	7.00	89	0.20
Month 12	Off-Highway Trucks	6	7.00	84	0.38
Month 12	Skid Steer Loaders	1	4.00	73	0.37
Month 12	Welders	1	4.00	78	0.45
Month 13-14	Forklifts	1	7.00	89	0.20
Month 13-14	Off-Highway Trucks	3	7.00	84	0.38
Month 13-14	Skid Steer Loaders	1	4.00	73	0.37
Month 13-14	Welders	1	4.00	78	0.45
Month 15-16	Air Compressors	1	6.00	78	0.48
Month 15-16	Forklifts	1	7.00	89	0.20
Month 15-16	Off-Highway Trucks	2	7.00	84	0.38
Month 15-16	Skid Steer Loaders	1	4.00	73	0.37
Month 15-16	Welders	1	4.00	78	0.45

Trips and VMT

Luna Valley Solar Project - Fresno County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Month 1-2	55	189.00	50.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 3	75	308.00	50.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 4-7	96	818.00	100.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 8-9	60	626.00	100.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 10	59	448.00	100.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 11	56	374.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 12	9	115.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 13-14	6	78.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 15-16	6	78.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Luna Valley Solar Project - Fresno County, Summer

3.2 Month 1-2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.1836	0.0000	37.1836	17.9799	0.0000	17.9799			0.0000			0.0000
Off-Road	11.4256	124.8859	81.9162	0.1937		5.1282	5.1282		4.7180	4.7180		18,758.75 72	18,758.75 72	6.0670		18,910.43 12
Total	11.4256	124.8859	81.9162	0.1937	37.1836	5.1282	42.3118	17.9799	4.7180	22.6979		18,758.75 72	18,758.75 72	6.0670		18,910.43 12

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2434	34.1493	6.2750	0.1507	3.8484	0.1474	3.9958	1.0549	0.1410	1.1959		15,824.17 36	15,824.17 36	0.4208		15,834.69 36
Worker	2.1298	1.2786	16.7468	0.0536	5.7453	0.0306	5.7759	1.5233	0.0282	1.5514		5,339.775 0	5,339.775 0	0.1161		5,342.677 1
Total	3.3732	35.4279	23.0218	0.2043	9.5937	0.1780	9.7717	2.5782	0.1692	2.7474		21,163.94 86	21,163.94 86	0.5369		21,177.37 07

Luna Valley Solar Project - Fresno County, Summer

3.2 Month 1-2 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.7765	0.0000	13.7765	6.6615	0.0000	6.6615			0.0000			0.0000
Off-Road	4.4357	36.9207	100.7754	0.1937		1.4826	1.4826		1.3819	1.3819	0.0000	18,758.75 71	18,758.75 71	6.0670		18,910.43 12
Total	4.4357	36.9207	100.7754	0.1937	13.7765	1.4826	15.2591	6.6615	1.3819	8.0435	0.0000	18,758.75 71	18,758.75 71	6.0670		18,910.43 12

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2434	34.1493	6.2750	0.1507	3.5866	0.1474	3.7340	0.9907	0.1410	1.1317		15,824.17 36	15,824.17 36	0.4208		15,834.69 36
Worker	2.1298	1.2786	16.7468	0.0536	5.2955	0.0306	5.3261	1.4129	0.0282	1.4410		5,339.775 0	5,339.775 0	0.1161		5,342.677 1
Total	3.3732	35.4279	23.0218	0.2043	8.8821	0.1780	9.0601	2.4035	0.1692	2.5727		21,163.94 86	21,163.94 86	0.5369		21,177.37 07

Luna Valley Solar Project - Fresno County, Summer

3.3 Month 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.1306	0.0000	37.1306	17.9741	0.0000	17.9741			0.0000			0.0000
Off-Road	14.2453	151.4993	110.2275	0.2354		6.6762	6.6762		6.1421	6.1421		22,796.88 17	22,796.88 17	7.3730		22,981.20 61
Total	14.2453	151.4993	110.2275	0.2354	37.1306	6.6762	43.8067	17.9741	6.1421	24.1162		22,796.88 17	22,796.88 17	7.3730		22,981.20 61

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2434	34.1493	6.2750	0.1507	3.8484	0.1474	3.9958	1.0549	0.1410	1.1959		15,824.17 36	15,824.17 36	0.4208		15,834.69 36
Worker	3.4708	2.0837	27.2911	0.0873	9.3627	0.0499	9.4126	2.4824	0.0459	2.5283		8,701.855 6	8,701.855 6	0.1892		8,706.584 9
Total	4.7142	36.2330	33.5660	0.2380	13.2111	0.1973	13.4084	3.5373	0.1870	3.7242		24,526.02 92	24,526.02 92	0.6100		24,541.27 85

Luna Valley Solar Project - Fresno County, Summer

3.3 Month 3 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.7569	0.0000	13.7569	6.6594	0.0000	6.6594			0.0000			0.0000
Off-Road	6.8259	59.2521	131.8521	0.2354		2.8031	2.8031		2.5991	2.5991	0.0000	22,796.88 17	22,796.88 17	7.3730		22,981.20 60
Total	6.8259	59.2521	131.8521	0.2354	13.7569	2.8031	16.5600	6.6594	2.5991	9.2585	0.0000	22,796.88 17	22,796.88 17	7.3730		22,981.20 60

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2434	34.1493	6.2750	0.1507	3.5866	0.1474	3.7340	0.9907	0.1410	1.1317		15,824.17 36	15,824.17 36	0.4208		15,834.69 36
Worker	3.4708	2.0837	27.2911	0.0873	8.6297	0.0499	8.6796	2.3024	0.0459	2.3484		8,701.855 6	8,701.855 6	0.1892		8,706.584 9
Total	4.7142	36.2330	33.5660	0.2380	12.2163	0.1973	12.4136	3.2931	0.1870	3.4800		24,526.02 92	24,526.02 92	0.6100		24,541.27 85

Luna Valley Solar Project - Fresno County, Summer

3.4 Month 4-7 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.2304	0.0000	37.2304	17.9849	0.0000	17.9849			0.0000			0.0000
Off-Road	17.4737	182.3686	138.7852	0.3455		7.9384	7.9384		7.3112	7.3112		33,445.29 30	33,445.29 30	10.7242		33,713.39 68
Total	17.4737	182.3686	138.7852	0.3455	37.2304	7.9384	45.1687	17.9849	7.3112	25.2961		33,445.29 30	33,445.29 30	10.7242		33,713.39 68

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4869	68.2986	12.5499	0.3015	7.6968	0.2948	7.9916	2.1098	0.2821	2.3919		31,648.34 72	31,648.34 72	0.8416		31,669.38 72
Worker	9.2178	5.5340	72.4809	0.2318	24.8659	0.1325	24.9983	6.5927	0.1220	6.7147		23,110.77 24	23,110.77 24	0.5024		23,123.33 25
Total	11.7047	73.8326	85.0308	0.5333	32.5627	0.4273	32.9899	8.7025	0.4040	9.1066		54,759.11 95	54,759.11 95	1.3440		54,792.71 97

Luna Valley Solar Project - Fresno County, Summer

3.4 Month 4-7 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.7939	0.0000	13.7939	6.6634	0.0000	6.6634			0.0000			0.0000
Off-Road	8.9086	71.3101	184.4240	0.3455		3.4543	3.4543		3.2194	3.2194	0.0000	33,445.29 30	33,445.29 30	10.7242		33,713.39 67
Total	8.9086	71.3101	184.4240	0.3455	13.7939	3.4543	17.2481	6.6634	3.2194	9.8828	0.0000	33,445.29 30	33,445.29 30	10.7242		33,713.39 67

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4869	68.2986	12.5499	0.3015	7.1732	0.2948	7.4681	1.9813	0.2821	2.2634		31,648.34 72	31,648.34 72	0.8416		31,669.38 72
Worker	9.2178	5.5340	72.4809	0.2318	22.9192	0.1325	23.0516	6.1149	0.1220	6.2369		23,110.77 24	23,110.77 24	0.5024		23,123.33 25
Total	11.7047	73.8326	85.0308	0.5333	30.0924	0.4273	30.5197	8.0962	0.4040	8.5002		54,759.11 95	54,759.11 95	1.3440		54,792.71 97

Luna Valley Solar Project - Fresno County, Summer

3.5 Month 8-9 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.7931	56.9887	63.0667	0.1619		2.5295	2.5295		2.3350	2.3350		15,658.54 56	15,658.54 56	4.9716		15,782.83 45
Total	5.7931	56.9887	63.0667	0.1619		2.5295	2.5295		2.3350	2.3350		15,658.54 56	15,658.54 56	4.9716		15,782.83 45

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4869	68.2986	12.5499	0.3015	7.6968	0.2948	7.9916	2.1098	0.2821	2.3919		31,648.34 72	31,648.34 72	0.8416		31,669.38 72
Worker	7.0542	4.2351	55.4682	0.1774	19.0294	0.1014	19.1307	5.0453	0.0933	5.1386		17,686.23 90	17,686.23 90	0.3845		17,695.85 11
Total	9.5411	72.5337	68.0181	0.4789	26.7262	0.3962	27.1224	7.1551	0.3754	7.5305		49,334.58 62	49,334.58 62	1.2261		49,365.23 82

Luna Valley Solar Project - Fresno County, Summer

3.5 Month 8-9 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9797	31.0546	90.0420	0.1619		1.5311	1.5311		1.4329	1.4329	0.0000	15,658.54 56	15,658.54 56	4.9716		15,782.83 45
Total	3.9797	31.0546	90.0420	0.1619		1.5311	1.5311		1.4329	1.4329	0.0000	15,658.54 56	15,658.54 56	4.9716		15,782.83 45

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4869	68.2986	12.5499	0.3015	7.1732	0.2948	7.4681	1.9813	0.2821	2.2634		31,648.34 72	31,648.34 72	0.8416		31,669.38 72
Worker	7.0542	4.2351	55.4682	0.1774	17.5396	0.1014	17.6410	4.6796	0.0933	4.7729		17,686.23 90	17,686.23 90	0.3845		17,695.85 11
Total	9.5411	72.5337	68.0181	0.4789	24.7129	0.3962	25.1091	6.6609	0.3754	7.0363		49,334.58 62	49,334.58 62	1.2261		49,365.23 82

Luna Valley Solar Project - Fresno County, Summer

3.6 Month 10 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6404	55.6279	62.0170	0.1606		2.4380	2.4380		2.2509	2.2509		15,534.33 11	15,534.33 11	4.9314		15,657.61 57
Total	5.6404	55.6279	62.0170	0.1606		2.4380	2.4380		2.2509	2.2509		15,534.33 11	15,534.33 11	4.9314		15,657.61 57

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4869	68.2986	12.5499	0.3015	7.6968	0.2948	7.9916	2.1098	0.2821	2.3919		31,648.34 72	31,648.34 72	0.8416		31,669.38 72
Worker	5.0484	3.0309	39.6961	0.1270	13.6185	0.0725	13.6910	3.6107	0.0668	3.6775		12,657.24 45	12,657.24 45	0.2752		12,664.12 34
Total	7.5353	71.3295	52.2460	0.4284	21.3153	0.3674	21.6826	5.7205	0.3489	6.0694		44,305.59 17	44,305.59 17	1.1168		44,333.51 06

Luna Valley Solar Project - Fresno County, Summer

3.6 Month 10 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8270	29.6938	88.9922	0.1606		1.4397	1.4397		1.3488	1.3488	0.0000	15,534.33 11	15,534.33 11	4.9314		15,657.61 57
Total	3.8270	29.6938	88.9922	0.1606		1.4397	1.4397		1.3488	1.3488	0.0000	15,534.33 11	15,534.33 11	4.9314		15,657.61 57

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4869	68.2986	12.5499	0.3015	7.1732	0.2948	7.4681	1.9813	0.2821	2.2634		31,648.34 72	31,648.34 72	0.8416		31,669.38 72
Worker	5.0484	3.0309	39.6961	0.1270	12.5523	0.0725	12.6249	3.3490	0.0668	3.4158		12,657.24 45	12,657.24 45	0.2752		12,664.12 34
Total	7.5353	71.3295	52.2460	0.4284	19.7256	0.3674	20.0929	5.3303	0.3489	5.6792		44,305.59 17	44,305.59 17	1.1168		44,333.51 06

Luna Valley Solar Project - Fresno County, Summer

3.7 Month 11 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.0491	50.3376	57.7660	0.1554		2.0831	2.0831		1.9244	1.9244		15,025.5650	15,025.5650	4.7668		15,144.7359
Total	5.0491	50.3376	57.7660	0.1554		2.0831	2.0831		1.9244	1.9244		15,025.5650	15,025.5650	4.7668		15,144.7359

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4974	13.6597	2.5100	0.0603	1.5394	0.0590	1.5983	0.4220	0.0564	0.4784		6,329.6694	6,329.6694	0.1683		6,333.8774
Worker	4.2145	2.5302	33.1392	0.1060	11.3690	0.0606	11.4296	3.0143	0.0558	3.0700		10,566.5390	10,566.5390	0.2297		10,572.2816
Total	4.7119	16.1899	35.6492	0.1663	12.9084	0.1195	13.0279	3.4362	0.1122	3.5484		16,896.2084	16,896.2084	0.3980		16,906.1591

Luna Valley Solar Project - Fresno County, Summer

3.7 Month 11 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2357	24.4035	84.7412	0.1554		1.0848	1.0848		1.0223	1.0223	0.0000	15,025.56 49	15,025.56 49	4.7668		15,144.73 59
Total	3.2357	24.4035	84.7412	0.1554		1.0848	1.0848		1.0223	1.0223	0.0000	15,025.56 49	15,025.56 49	4.7668		15,144.73 59

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4974	13.6597	2.5100	0.0603	1.4347	0.0590	1.4936	0.3963	0.0564	0.4527		6,329.669 4	6,329.669 4	0.1683		6,333.877 4
Worker	4.2145	2.5302	33.1392	0.1060	10.4790	0.0606	10.5395	2.7958	0.0558	2.8516		10,566.53 90	10,566.53 90	0.2297		10,572.28 16
Total	4.7119	16.1899	35.6492	0.1663	11.9136	0.1195	12.0331	3.1921	0.1122	3.3043		16,896.20 84	16,896.20 84	0.3980		16,906.15 91

Luna Valley Solar Project - Fresno County, Summer

3.8 Month 12 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236		417.9594	417.9594	0.0888		420.1796
Total	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236		417.9594	417.9594	0.0888		420.1796

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4974	13.6597	2.5100	0.0603	1.5394	0.0590	1.5983	0.4220	0.0564	0.4784		6,329.6694	6,329.6694	0.1683		6,333.8774
Worker	1.2959	0.7780	10.1899	0.0326	3.4958	0.0186	3.5144	0.9269	0.0171	0.9440		3,249.0695	3,249.0695	0.0706		3,250.8353
Total	1.7933	14.4377	12.6998	0.0929	5.0352	0.0776	5.1128	1.3488	0.0736	1.4224		9,578.7389	9,578.7389	0.2390		9,584.7127

Luna Valley Solar Project - Fresno County, Summer

3.8 Month 12 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236	0.0000	417.9594	417.9594	0.0888		420.1796
Total	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236	0.0000	417.9594	417.9594	0.0888		420.1796

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4974	13.6597	2.5100	0.0603	1.4347	0.0590	1.4936	0.3963	0.0564	0.4527		6,329.6694	6,329.6694	0.1683		6,333.8774
Worker	1.2959	0.7780	10.1899	0.0326	3.2221	0.0186	3.2408	0.8597	0.0171	0.8768		3,249.0695	3,249.0695	0.0706		3,250.8353
Total	1.7933	14.4377	12.6998	0.0929	4.6568	0.0776	4.7344	1.2559	0.0736	1.3295		9,578.7389	9,578.7389	0.2390		9,584.7127

Luna Valley Solar Project - Fresno County, Summer

3.9 Month 13-14 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059		418.0127	418.0127	0.0882		420.2179
Total	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059		418.0127	418.0127	0.0882		420.2179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3417	8.2370	2.1540	0.0583	1.5394	0.0230	1.5624	0.4220	0.0220	0.4440		6,116.4203	6,116.4203	0.1197		6,119.4128
Worker	0.8208	0.4732	6.3366	0.0213	2.3711	0.0123	2.3834	0.6287	0.0113	0.6400		2,120.8267	2,120.8267	0.0428		2,121.8963
Total	1.1625	8.7102	8.4906	0.0795	3.9105	0.0353	3.9458	1.0506	0.0333	1.0840		8,237.2470	8,237.2470	0.1625		8,241.3091

Luna Valley Solar Project - Fresno County, Summer

3.9 Month 13-14 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059	0.0000	418.0127	418.0127	0.0882		420.2179
Total	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059	0.0000	418.0127	418.0127	0.0882		420.2179

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3417	8.2370	2.1540	0.0583	1.4347	0.0230	1.4577	0.3963	0.0220	0.4183		6,116.4203	6,116.4203	0.1197		6,119.4128
Worker	0.8208	0.4732	6.3366	0.0213	2.1855	0.0123	2.1978	0.5831	0.0113	0.5944		2,120.8267	2,120.8267	0.0428		2,121.8963
Total	1.1625	8.7102	8.4906	0.0795	3.6201	0.0353	3.6554	0.9794	0.0333	1.0127		8,237.2470	8,237.2470	0.1625		8,241.3091

Luna Valley Solar Project - Fresno County, Summer

3.10 Month 15-16 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4284	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767		699.4608	699.4608	0.1051		702.0869
Total	2.4678	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767		699.4608	699.4608	0.1051		702.0869

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3417	8.2370	2.1540	0.0583	1.5394	0.0230	1.5624	0.4220	0.0220	0.4440		6,116.4203	6,116.4203	0.1197		6,119.4128
Worker	0.8208	0.4732	6.3366	0.0213	2.3711	0.0123	2.3834	0.6287	0.0113	0.6400		2,120.8267	2,120.8267	0.0428		2,121.8963
Total	1.1625	8.7102	8.4906	0.0795	3.9105	0.0353	3.9458	1.0506	0.0333	1.0840		8,237.2470	8,237.2470	0.1625		8,241.3091

Luna Valley Solar Project - Fresno County, Summer

3.10 Month 15-16 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4284	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767	0.0000	699.4608	699.4608	0.1051		702.0869
Total	2.4678	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767	0.0000	699.4608	699.4608	0.1051		702.0869

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3417	8.2370	2.1540	0.0583	1.4347	0.0230	1.4577	0.3963	0.0220	0.4183		6,116.4203	6,116.4203	0.1197		6,119.4128
Worker	0.8208	0.4732	6.3366	0.0213	2.1855	0.0123	2.1978	0.5831	0.0113	0.5944		2,120.8267	2,120.8267	0.0428		2,121.8963
Total	1.1625	8.7102	8.4906	0.0795	3.6201	0.0353	3.6554	0.9794	0.0333	1.0127		8,237.2470	8,237.2470	0.1625		8,241.3091

4.0 Operational Detail - Mobile

Luna Valley Solar Project - Fresno County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0331	0.3085	0.4114	2.3500e-003	0.1504	1.2200e-003	0.1516	0.0405	1.1500e-003	0.0416		240.9387	240.9387	0.0116		241.2278
Unmitigated	0.0331	0.3085	0.4114	2.3500e-003	0.1504	1.2200e-003	0.1516	0.0405	1.1500e-003	0.0416		240.9387	240.9387	0.0116		241.2278

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	13.00	0.00	0.00	49,686	49,686
Total	13.00	0.00	0.00	49,686	49,686

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.496766	0.030510	0.170483	0.111467	0.014688	0.004287	0.033704	0.127678	0.002360	0.001460	0.004966	0.001070	0.000562

Luna Valley Solar Project - Fresno County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Luna Valley Solar Project - Fresno County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Luna Valley Solar Project - Fresno County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Unmitigated	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0251					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Total	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032

Luna Valley Solar Project - Fresno County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0251					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Total	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Luna Valley Solar Project - Fresno County, Summer

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	66	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	lb/day										lb/day						
Emergency Generator - Diesel (50 - 75 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000

11.0 Vegetation

Luna Valley Solar Project - Fresno County, Winter

Luna Valley Solar Project
Fresno County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1,300.00	User Defined Unit	1,300.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	45
Climate Zone	3			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Luna Valley Solar Project - Fresno County, Winter

Project Characteristics - Project is located in Fresno County.

Land Use - Project would be on 1300 acres of privately owned agricultural land

Off-road Equipment - Construction equipment data provided by applicant.

Off-road Equipment - Construction equipment data provided by applicant.

Off-road Equipment - Construction equipment data provided by applicant.

Trips and VMT - Peak per phase; provided by applicant.

Grading - Acres of grading.

Architectural Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft

Vehicle Trips - 4 full-time personnel.

Area Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft

Energy Use - Energy rates based on Unrefrigerated Warehouse, Lighting rates based on Parking Lot.

Water And Wastewater - Estimated (conservative) water use for building facilities and occasional solar panel cleaning.

Solid Waste - Solid waste rates based on Unrefrigerated Warehouse.

Construction Off-road Equipment Mitigation - BMPs for fugitive dust control

Tier 4 Final Engines for equipment >100 hp

Mobile Commute Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator 49 kW or less located at substation; assume no more than 50 hours/year for maintenance, testing, and emergency response.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	3,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	9,900.00
tblAreaCoating	Area_Nonresidential_Exterior	0	3300
tblAreaCoating	Area_Nonresidential_Interior	0	9900
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Luna Valley Solar Project - Fresno County, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	60.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	71.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	35.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	15,500.00	85.00
tblEnergyUse	LightingElect	0.00	36,285.00
tblEnergyUse	NT24E	0.00	33,519.00
tblEnergyUse	T24E	0.00	6,795.00
tblGrading	AcresOfGrading	185.00	210.00
tblGrading	AcresOfGrading	115.63	130.00

Luna Valley Solar Project - Fresno County, Winter

tblGrading	AcresOfGrading	393.13	450.00
tblLandUse	LotAcreage	0.00	1,300.00
tblOffRoadEquipment	HorsePower	187.00	179.00
tblOffRoadEquipment	HorsePower	187.00	179.00
tblOffRoadEquipment	HorsePower	187.00	179.00
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Luna Valley Solar Project - Fresno County, Winter

tblOffRoadEquipment	HorsePower	402.00	84.00
tblOffRoadEquipment	HorsePower	402.00	84.00
tblOffRoadEquipment	HorsePower	402.00	84.00
tblOffRoadEquipment	HorsePower	402.00	84.00
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Luna Valley Solar Project - Fresno County, Winter

tblOffRoadEquipment	HorsePower	46.00	78.00
tblOffRoadEquipment	HorsePower	46.00	78.00
tblOffRoadEquipment	HorsePower	46.00	78.00
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tblOffRoadEquipment	LoadFactor	0.29	0.37
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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00

Luna Valley Solar Project - Fresno County, Winter

tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	0.00	6.20
tblTripsAndVMT	VendorTripLength	6.60	88.00
tblTripsAndVMT	VendorTripLength	6.60	88.00
tblTripsAndVMT	VendorTripLength	6.60	88.00
tblTripsAndVMT	VendorTripLength	6.60	88.00
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tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
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Luna Valley Solar Project - Fresno County, Winter

tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripNumber	138.00	189.00
tblTripsAndVMT	WorkerTripNumber	188.00	308.00
tblTripsAndVMT	WorkerTripNumber	240.00	818.00
tblTripsAndVMT	WorkerTripNumber	150.00	626.00
tblTripsAndVMT	WorkerTripNumber	148.00	448.00
tblTripsAndVMT	WorkerTripNumber	140.00	374.00
tblTripsAndVMT	WorkerTripNumber	23.00	115.00
tblTripsAndVMT	WorkerTripNumber	15.00	78.00
tblTripsAndVMT	WorkerTripNumber	0.00	78.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	WD_TR	0.00	0.01
tblWater	IndoorWaterUseRate	0.00	1,000,000.00
tblWater	OutdoorWaterUseRate	0.00	10,000,000.00

Luna Valley Solar Project - Fresno County, Winter

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	29.8712	260.8534	207.9319	0.8480	69.7930	8.3673	78.1603	26.6875	7.7168	34.4043	0.0000	85,130.1152	85,130.1152	12.0720	0.0000	85,431.9149
2023	3.6959	12.6359	11.7932	0.0839	3.9105	0.2175	4.1280	1.0506	0.2101	1.2607	0.0000	8,636.2968	8,636.2968	0.2721	0.0000	8,643.0986
Maximum	29.8712	260.8534	207.9319	0.8480	69.7930	8.3673	78.1603	26.6875	7.7168	34.4043	0.0000	85,130.1152	85,130.1152	12.0720	0.0000	85,431.9149

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	21.3061	149.7949	253.5707	0.8480	43.8863	3.8832	47.7694	14.7596	3.6250	18.3846	0.0000	85,130.1152	85,130.1152	12.0720	0.0000	85,431.9149
2023	3.6959	12.6359	11.7932	0.0839	3.6201	0.2175	3.8377	0.9794	0.2101	1.1895	0.0000	8,636.2968	8,636.2968	0.2721	0.0000	8,643.0986
Maximum	21.3061	149.7949	253.5707	0.8480	43.8863	3.8832	47.7694	14.7596	3.6250	18.3846	0.0000	85,130.1152	85,130.1152	12.0720	0.0000	85,431.9149

Luna Valley Solar Project - Fresno County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	25.52	40.61	-20.77	0.00	35.54	52.23	37.29	43.26	51.62	45.12	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0273	0.3179	0.3617	2.1800e-003	0.1504	1.2300e-003	0.1516	0.0405	1.1500e-003	0.0416		224.1562	224.1562	0.0123		224.4639
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0647	0.3191	0.4944	2.1900e-003	0.1504	1.7000e-003	0.1521	0.0405	1.6200e-003	0.0421		224.4407	224.4407	0.0131	0.0000	224.7671

Luna Valley Solar Project - Fresno County, Winter

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0273	0.3179	0.3617	2.1800e-003	0.1504	1.2300e-003	0.1516	0.0405	1.1500e-003	0.0416		224.1562	224.1562	0.0123		224.4639
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0647	0.3191	0.4944	2.1900e-003	0.1504	1.7000e-003	0.1521	0.0405	1.6200e-003	0.0421		224.4407	224.4407	0.0131	0.0000	224.7671

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Luna Valley Solar Project - Fresno County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Month 1-2	Grading	1/3/2022	2/26/2022	5	40	Stage 1: Mobilization, site prep, fencing, laydown, trenching
2	Month 3	Grading	2/27/2022	4/2/2022	5	25	Stage 1: Mobilization, site prep, fencing, laydown, trenching
3	Month 4-7	Grading	4/3/2022	7/30/2022	5	85	Stage 1 + Stage 2: Cable install, trench backfill, pile and racking install, inverter install, module install, bess install
4	Month 8-9	Trenching	7/31/2022	10/1/2022	5	45	Stage 1 + Stage 2: Cable install, trench backfill, pile and racking install, inverter install, module install, bess install
5	Month 10	Trenching	10/2/2022	10/29/2022	5	20	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
6	Month 11	Trenching	10/30/2022	12/3/2022	5	25	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
7	Month 12	Trenching	12/4/2022	12/31/2022	5	20	Stage 2 + Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
8	Month 13-14	Trenching	1/1/2023	2/25/2023	5	40	Stage 3: Inverter, pile racking, module, bess install, commissioning/testing
9	Month 15-16	Architectural Coating	2/26/2023	4/28/2023	5	45	Stage 3: Inverter, pile racking, module, bess install, commissioning/testing

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,900; Non-Residential Outdoor: 3,300; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Month 1-2	Excavators	2	8.00	158	0.38

Luna Valley Solar Project - Fresno County, Winter

Month 1-2	Forklifts	3	7.00	89	0.20
Month 1-2	Graders	6	7.00	179	0.41
Month 1-2	Off-Highway Trucks	12	7.00	84	0.38
Month 1-2	Rollers	6	7.00	131	0.38
Month 1-2	Rubber Tired Dozers	6	7.00	215	0.40
Month 1-2	Rubber Tired Loaders	6	7.00	225	0.36
Month 1-2	Scrapers	2	8.00	367	0.48
Month 1-2	Skid Steer Loaders	10	4.00	73	0.37
Month 1-2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Month 3	Aerial Lifts	8	4.00	49	0.31
Month 3	Cranes	2	7.00	81	0.37
Month 3	Cranes	1	4.00	81	0.37
Month 3	Excavators	2	8.00	158	0.38
Month 3	Forklifts	3	7.00	89	0.20
Month 3	Graders	6	7.00	179	0.41
Month 3	Off-Highway Trucks	12	7.00	84	0.38
Month 3	Rollers	6	7.00	131	0.38
Month 3	Rubber Tired Dozers	6	7.00	215	0.40
Month 3	Rubber Tired Loaders	6	7.00	225	0.36
Month 3	Scrapers	2	8.00	367	0.48
Month 3	Skid Steer Loaders	10	4.00	73	0.37
Month 3	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 3	Trenchers	4	7.00	78	0.50
Month 4-7	Aerial Lifts	8	4.00	49	0.31
Month 4-7	Bore/Drill Rigs	15	7.00	180	0.50
Month 4-7	Cranes	2	7.00	81	0.37
Month 4-7	Cranes	1	4.00	81	0.37

Luna Valley Solar Project - Fresno County, Winter

Month 4-7	Excavators	2	8.00	158	0.38
Month 4-7	Forklifts	10	7.00	89	0.20
Month 4-7	Forklifts	1	4.00	89	0.20
Month 4-7	Graders	6	7.00	179	0.41
Month 4-7	Off-Highway Trucks	12	7.00	84	0.38
Month 4-7	Rollers	6	7.00	131	0.38
Month 4-7	Rubber Tired Dozers	6	7.00	215	0.40
Month 4-7	Rubber Tired Loaders	6	7.00	225	0.36
Month 4-7	Scrapers	2	8.00	367	0.48
Month 4-7	Skid Steer Loaders	6	4.00	73	0.37
Month 4-7	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 4-7	Trenchers	4	7.00	78	0.50
Month 4-7	Welders	2	4.00	78	0.45
Month 8-9	Aerial Lifts	8	4.00	49	0.31
Month 8-9	Bore/Drill Rigs	15	7.00	180	0.50
Month 8-9	Cranes	2	7.00	81	0.37
Month 8-9	Cranes	1	4.00	81	0.37
Month 8-9	Forklifts	10	7.00	89	0.20
Month 8-9	Forklifts	1	4.00	89	0.20
Month 8-9	Off-Highway Trucks	8	7.00	84	0.38
Month 8-9	Skid Steer Loaders	6	4.00	73	0.37
Month 8-9	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 8-9	Welders	2	4.00	78	0.45
Month 10	Aerial Lifts	8	4.00	49	0.31
Month 10	Bore/Drill Rigs	15	7.00	180	0.50
Month 10	Cranes	2	7.00	81	0.37
Month 10	Forklifts	10	7.00	89	0.20

Luna Valley Solar Project - Fresno County, Winter

Month 10	Forklifts	1	4.00	89	0.20
Month 10	Off-Highway Trucks	8	7.00	84	0.38
Month 10	Skid Steer Loaders	6	4.00	73	0.37
Month 10	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 10	Welders	2	4.00	78	0.45
Month 11	Aerial Lifts	8	4.00	49	0.31
Month 11	Bore/Drill Rigs	15	7.00	180	0.50
Month 11	Forklifts	10	7.00	89	0.20
Month 11	Off-Highway Trucks	8	7.00	84	0.38
Month 11	Skid Steer Loaders	6	4.00	73	0.37
Month 11	Tractors/Loaders/Backhoes	7	7.00	127	0.37
Month 11	Welders	2	4.00	78	0.45
Month 12	Forklifts	1	7.00	89	0.20
Month 12	Off-Highway Trucks	6	7.00	84	0.38
Month 12	Skid Steer Loaders	1	4.00	73	0.37
Month 12	Welders	1	4.00	78	0.45
Month 13-14	Forklifts	1	7.00	89	0.20
Month 13-14	Off-Highway Trucks	3	7.00	84	0.38
Month 13-14	Skid Steer Loaders	1	4.00	73	0.37
Month 13-14	Welders	1	4.00	78	0.45
Month 15-16	Air Compressors	1	6.00	78	0.48
Month 15-16	Forklifts	1	7.00	89	0.20
Month 15-16	Off-Highway Trucks	2	7.00	84	0.38
Month 15-16	Skid Steer Loaders	1	4.00	73	0.37
Month 15-16	Welders	1	4.00	78	0.45

Trips and VMT

Luna Valley Solar Project - Fresno County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Month 1-2	55	189.00	50.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 3	75	308.00	50.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 4-7	96	818.00	100.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 8-9	60	626.00	100.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 10	59	448.00	100.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 11	56	374.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 12	9	115.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 13-14	6	78.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT
Month 15-16	6	78.00	20.00	0.00	40.00	88.00	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Luna Valley Solar Project - Fresno County, Winter

3.2 Month 1-2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.1836	0.0000	37.1836	17.9799	0.0000	17.9799			0.0000			0.0000
Off-Road	11.4256	124.8859	81.9162	0.1937		5.1282	5.1282		4.7180	4.7180		18,758.75 72	18,758.75 72	6.0670		18,910.43 12
Total	11.4256	124.8859	81.9162	0.1937	37.1836	5.1282	42.3118	17.9799	4.7180	22.6979		18,758.75 72	18,758.75 72	6.0670		18,910.43 12

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2550	35.9954	6.4667	0.1499	3.8484	0.1482	3.9966	1.0549	0.1418	1.1967		15,734.29 42	15,734.29 42	0.4643		15,745.90 16
Worker	2.2846	1.5004	12.9882	0.0468	5.7453	0.0306	5.7759	1.5233	0.0282	1.5514		4,670.988 0	4,670.988 0	0.0969		4,673.409 7
Total	3.5395	37.4958	19.4548	0.1967	9.5937	0.1788	9.7725	2.5782	0.1700	2.7482		20,405.28 22	20,405.28 22	0.5612		20,419.31 13

Luna Valley Solar Project - Fresno County, Winter

3.2 Month 1-2 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.7765	0.0000	13.7765	6.6615	0.0000	6.6615			0.0000			0.0000
Off-Road	4.4357	36.9207	100.7754	0.1937		1.4826	1.4826		1.3819	1.3819	0.0000	18,758.75 71	18,758.75 71	6.0670		18,910.43 12
Total	4.4357	36.9207	100.7754	0.1937	13.7765	1.4826	15.2591	6.6615	1.3819	8.0435	0.0000	18,758.75 71	18,758.75 71	6.0670		18,910.43 12

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2550	35.9954	6.4667	0.1499	3.5866	0.1482	3.7348	0.9907	0.1418	1.1325		15,734.29 42	15,734.29 42	0.4643		15,745.90 16
Worker	2.2846	1.5004	12.9882	0.0468	5.2955	0.0306	5.3261	1.4129	0.0282	1.4410		4,670.988 0	4,670.988 0	0.0969		4,673.409 7
Total	3.5395	37.4958	19.4548	0.1967	8.8821	0.1788	9.0610	2.4035	0.1700	2.5735		20,405.28 22	20,405.28 22	0.5612		20,419.31 13

Luna Valley Solar Project - Fresno County, Winter

3.3 Month 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.1306	0.0000	37.1306	17.9741	0.0000	17.9741			0.0000			0.0000
Off-Road	14.2453	151.4993	110.2275	0.2354		6.6762	6.6762		6.1421	6.1421		22,796.88 17	22,796.88 17	7.3730		22,981.20 61
Total	14.2453	151.4993	110.2275	0.2354	37.1306	6.6762	43.8067	17.9741	6.1421	24.1162		22,796.88 17	22,796.88 17	7.3730		22,981.20 61

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2550	35.9954	6.4667	0.1499	3.8484	0.1482	3.9966	1.0549	0.1418	1.1967		15,734.29 42	15,734.29 42	0.4643		15,745.90 16
Worker	3.7230	2.4452	21.1659	0.0763	9.3627	0.0499	9.4126	2.4824	0.0459	2.5283		7,611.980 5	7,611.980 5	0.1579		7,615.926 9
Total	4.9779	38.4406	27.6326	0.2262	13.2111	0.1981	13.4092	3.5373	0.1877	3.7250		23,346.27 47	23,346.27 47	0.6222		23,361.82 85

Luna Valley Solar Project - Fresno County, Winter

3.3 Month 3 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.7569	0.0000	13.7569	6.6594	0.0000	6.6594			0.0000			0.0000
Off-Road	6.8259	59.2521	131.8521	0.2354		2.8031	2.8031		2.5991	2.5991	0.0000	22,796.88 17	22,796.88 17	7.3730		22,981.20 60
Total	6.8259	59.2521	131.8521	0.2354	13.7569	2.8031	16.5600	6.6594	2.5991	9.2585	0.0000	22,796.88 17	22,796.88 17	7.3730		22,981.20 60

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2550	35.9954	6.4667	0.1499	3.5866	0.1482	3.7348	0.9907	0.1418	1.1325		15,734.29 42	15,734.29 42	0.4643		15,745.90 16
Worker	3.7230	2.4452	21.1659	0.0763	8.6297	0.0499	8.6796	2.3024	0.0459	2.3484		7,611.980 5	7,611.980 5	0.1579		7,615.926 9
Total	4.9779	38.4406	27.6326	0.2262	12.2163	0.1981	12.4144	3.2931	0.1877	3.4808		23,346.27 47	23,346.27 47	0.6222		23,361.82 85

Luna Valley Solar Project - Fresno County, Winter

3.4 Month 4-7 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.2304	0.0000	37.2304	17.9849	0.0000	17.9849			0.0000			0.0000
Off-Road	17.4737	182.3686	138.7852	0.3455		7.9384	7.9384		7.3112	7.3112		33,445.29 30	33,445.29 30	10.7242		33,713.39 68
Total	17.4737	182.3686	138.7852	0.3455	37.2304	7.9384	45.1687	17.9849	7.3112	25.2961		33,445.29 30	33,445.29 30	10.7242		33,713.39 68

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	71.9908	12.9333	0.2998	7.6968	0.2965	7.9932	2.1098	0.2836	2.3934		31,468.58 84	31,468.58 84	0.9286		31,491.80 32
Worker	9.8877	6.4940	56.2134	0.2027	24.8659	0.1325	24.9983	6.5927	0.1220	6.7147		20,216.23 38	20,216.23 38	0.4193		20,226.71 50
Total	12.3976	78.4848	69.1467	0.5024	32.5627	0.4289	32.9916	8.7025	0.4056	9.1081		51,684.82 22	51,684.82 22	1.3478		51,718.51 81

Luna Valley Solar Project - Fresno County, Winter

3.4 Month 4-7 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.7939	0.0000	13.7939	6.6634	0.0000	6.6634			0.0000			0.0000
Off-Road	8.9086	71.3101	184.4240	0.3455		3.4543	3.4543		3.2194	3.2194	0.0000	33,445.29 30	33,445.29 30	10.7242		33,713.39 67
Total	8.9086	71.3101	184.4240	0.3455	13.7939	3.4543	17.2481	6.6634	3.2194	9.8828	0.0000	33,445.29 30	33,445.29 30	10.7242		33,713.39 67

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	71.9908	12.9333	0.2998	7.1732	0.2965	7.4697	1.9813	0.2836	2.2649		31,468.58 84	31,468.58 84	0.9286		31,491.80 32
Worker	9.8877	6.4940	56.2134	0.2027	22.9192	0.1325	23.0516	6.1149	0.1220	6.2369		20,216.23 38	20,216.23 38	0.4193		20,226.71 50
Total	12.3976	78.4848	69.1467	0.5024	30.0924	0.4289	30.5213	8.0962	0.4056	8.5018		51,684.82 22	51,684.82 22	1.3478		51,718.51 81

Luna Valley Solar Project - Fresno County, Winter

3.5 Month 8-9 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.7931	56.9887	63.0667	0.1619		2.5295	2.5295		2.3350	2.3350		15,658.54 56	15,658.54 56	4.9716		15,782.83 45
Total	5.7931	56.9887	63.0667	0.1619		2.5295	2.5295		2.3350	2.3350		15,658.54 56	15,658.54 56	4.9716		15,782.83 45

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	71.9908	12.9333	0.2998	7.6968	0.2965	7.9932	2.1098	0.2836	2.3934		31,468.58 84	31,468.58 84	0.9286		31,491.80 32
Worker	7.5668	4.9697	43.0191	0.1551	19.0294	0.1014	19.1307	5.0453	0.0933	5.1386		15,471.10 31	15,471.10 31	0.3208		15,479.12 42
Total	10.0767	76.9605	55.9524	0.4549	26.7262	0.3978	27.1240	7.1551	0.3769	7.5321		46,939.69 16	46,939.69 16	1.2494		46,970.92 73

Luna Valley Solar Project - Fresno County, Winter

3.5 Month 8-9 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9797	31.0546	90.0420	0.1619		1.5311	1.5311		1.4329	1.4329	0.0000	15,658.54 56	15,658.54 56	4.9716		15,782.83 45
Total	3.9797	31.0546	90.0420	0.1619		1.5311	1.5311		1.4329	1.4329	0.0000	15,658.54 56	15,658.54 56	4.9716		15,782.83 45

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	71.9908	12.9333	0.2998	7.1732	0.2965	7.4697	1.9813	0.2836	2.2649		31,468.58 84	31,468.58 84	0.9286		31,491.80 32
Worker	7.5668	4.9697	43.0191	0.1551	17.5396	0.1014	17.6410	4.6796	0.0933	4.7729		15,471.10 31	15,471.10 31	0.3208		15,479.12 42
Total	10.0767	76.9605	55.9524	0.4549	24.7129	0.3978	25.1107	6.6609	0.3769	7.0379		46,939.69 16	46,939.69 16	1.2494		46,970.92 73

Luna Valley Solar Project - Fresno County, Winter

3.6 Month 10 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6404	55.6279	62.0170	0.1606		2.4380	2.4380		2.2509	2.2509		15,534.33 11	15,534.33 11	4.9314		15,657.61 57
Total	5.6404	55.6279	62.0170	0.1606		2.4380	2.4380		2.2509	2.2509		15,534.33 11	15,534.33 11	4.9314		15,657.61 57

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	71.9908	12.9333	0.2998	7.6968	0.2965	7.9932	2.1098	0.2836	2.3934		31,468.58 84	31,468.58 84	0.9286		31,491.80 32
Worker	5.4152	3.5566	30.7868	0.1110	13.6185	0.0725	13.6910	3.6107	0.0668	3.6775		11,071.97 16	11,071.97 16	0.2296		11,077.71 19
Total	7.9252	75.5474	43.7201	0.4108	21.3153	0.3690	21.6843	5.7205	0.3504	6.0709		42,540.56 00	42,540.56 00	1.1582		42,569.51 50

Luna Valley Solar Project - Fresno County, Winter

3.6 Month 10 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8270	29.6938	88.9922	0.1606		1.4397	1.4397		1.3488	1.3488	0.0000	15,534.33 11	15,534.33 11	4.9314		15,657.61 57
Total	3.8270	29.6938	88.9922	0.1606		1.4397	1.4397		1.3488	1.3488	0.0000	15,534.33 11	15,534.33 11	4.9314		15,657.61 57

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	71.9908	12.9333	0.2998	7.1732	0.2965	7.4697	1.9813	0.2836	2.2649		31,468.58 84	31,468.58 84	0.9286		31,491.80 32
Worker	5.4152	3.5566	30.7868	0.1110	12.5523	0.0725	12.6249	3.3490	0.0668	3.4158		11,071.97 16	11,071.97 16	0.2296		11,077.71 19
Total	7.9252	75.5474	43.7201	0.4108	19.7256	0.3690	20.0945	5.3303	0.3504	5.6807		42,540.56 00	42,540.56 00	1.1582		42,569.51 50

Luna Valley Solar Project - Fresno County, Winter

3.7 Month 11 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.0491	50.3376	57.7660	0.1554		2.0831	2.0831		1.9244	1.9244		15,025.56 50	15,025.56 50	4.7668		15,144.73 59
Total	5.0491	50.3376	57.7660	0.1554		2.0831	2.0831		1.9244	1.9244		15,025.56 50	15,025.56 50	4.7668		15,144.73 59

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5020	14.3982	2.5867	0.0600	1.5394	0.0593	1.5987	0.4220	0.0567	0.4787		6,293.717 7	6,293.717 7	0.1857		6,298.360 6
Worker	4.5208	2.9691	25.7015	0.0927	11.3690	0.0606	11.4296	3.0143	0.0558	3.0700		9,243.119 1	9,243.119 1	0.1917		9,247.911 3
Total	5.0227	17.3673	28.2881	0.1526	12.9084	0.1199	13.0282	3.4362	0.1125	3.5487		15,536.83 68	15,536.83 68	0.3774		15,546.27 19

Luna Valley Solar Project - Fresno County, Winter

3.7 Month 11 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2357	24.4035	84.7412	0.1554		1.0848	1.0848		1.0223	1.0223	0.0000	15,025.56 49	15,025.56 49	4.7668		15,144.73 59
Total	3.2357	24.4035	84.7412	0.1554		1.0848	1.0848		1.0223	1.0223	0.0000	15,025.56 49	15,025.56 49	4.7668		15,144.73 59

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5020	14.3982	2.5867	0.0600	1.4347	0.0593	1.4939	0.3963	0.0567	0.4530		6,293.717 7	6,293.717 7	0.1857		6,298.360 6
Worker	4.5208	2.9691	25.7015	0.0927	10.4790	0.0606	10.5395	2.7958	0.0558	2.8516		9,243.119 1	9,243.119 1	0.1917		9,247.911 3
Total	5.0227	17.3673	28.2881	0.1526	11.9136	0.1199	12.0334	3.1921	0.1125	3.3046		15,536.83 68	15,536.83 68	0.3774		15,546.27 19

Luna Valley Solar Project - Fresno County, Winter

3.8 Month 12 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236		417.9594	417.9594	0.0888		420.1796
Total	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236		417.9594	417.9594	0.0888		420.1796

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5020	14.3982	2.5867	0.0600	1.5394	0.0593	1.5987	0.4220	0.0567	0.4787		6,293.7177	6,293.7177	0.1857		6,298.3606
Worker	1.3901	0.9130	7.9029	0.0285	3.4958	0.0186	3.5144	0.9269	0.0171	0.9440		2,842.1356	2,842.1356	0.0589		2,843.6091
Total	1.8921	15.3111	10.4895	0.0884	5.0352	0.0779	5.1131	1.3488	0.0739	1.4227		9,135.8533	9,135.8533	0.2447		9,141.9697

Luna Valley Solar Project - Fresno County, Winter

3.8 Month 12 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236	0.0000	417.9594	417.9594	0.0888		420.1796
Total	0.2567	2.3136	2.8935	4.3600e-003		0.1301	0.1301		0.1236	0.1236	0.0000	417.9594	417.9594	0.0888		420.1796

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5020	14.3982	2.5867	0.0600	1.4347	0.0593	1.4939	0.3963	0.0567	0.4530		6,293.7177	6,293.7177	0.1857		6,298.3606
Worker	1.3901	0.9130	7.9029	0.0285	3.2221	0.0186	3.2408	0.8597	0.0171	0.8768		2,842.1356	2,842.1356	0.0589		2,843.6091
Total	1.8921	15.3111	10.4895	0.0884	4.6568	0.0779	4.7347	1.2559	0.0739	1.3298		9,135.8533	9,135.8533	0.2447		9,141.9697

Luna Valley Solar Project - Fresno County, Winter

3.9 Month 13-14 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059		418.0127	418.0127	0.0882		420.2179
Total	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059		418.0127	418.0127	0.0882		420.2179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3447	8.6484	2.2012	0.0579	1.5394	0.0231	1.5625	0.4220	0.0221	0.4441		6,081.5132	6,081.5132	0.1314		6,084.7973
Worker	0.8834	0.5548	4.8981	0.0186	2.3711	0.0123	2.3834	0.6287	0.0113	0.6400		1,855.3228	1,855.3228	0.0357		1,856.2144
Total	1.2281	9.2032	7.0993	0.0765	3.9105	0.0354	3.9459	1.0506	0.0334	1.0840		7,936.8360	7,936.8360	0.1670		7,941.0117

Luna Valley Solar Project - Fresno County, Winter

3.9 Month 13-14 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059	0.0000	418.0127	418.0127	0.0882		420.2179
Total	0.2368	2.1297	2.8828	4.3600e-003		0.1113	0.1113		0.1059	0.1059	0.0000	418.0127	418.0127	0.0882		420.2179

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3447	8.6484	2.2012	0.0579	1.4347	0.0231	1.4578	0.3963	0.0221	0.4184		6,081.5132	6,081.5132	0.1314		6,084.7973
Worker	0.8834	0.5548	4.8981	0.0186	2.1855	0.0123	2.1978	0.5831	0.0113	0.5944		1,855.3228	1,855.3228	0.0357		1,856.2144
Total	1.2281	9.2032	7.0993	0.0765	3.6201	0.0354	3.6555	0.9794	0.0334	1.0128		7,936.8360	7,936.8360	0.1670		7,941.0117

Luna Valley Solar Project - Fresno County, Winter

3.10 Month 15-16 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4284	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767		699.4608	699.4608	0.1051		702.0869
Total	2.4678	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767		699.4608	699.4608	0.1051		702.0869

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3447	8.6484	2.2012	0.0579	1.5394	0.0231	1.5625	0.4220	0.0221	0.4441		6,081.5132	6,081.5132	0.1314		6,084.7973
Worker	0.8834	0.5548	4.8981	0.0186	2.3711	0.0123	2.3834	0.6287	0.0113	0.6400		1,855.3228	1,855.3228	0.0357		1,856.2144
Total	1.2281	9.2032	7.0993	0.0765	3.9105	0.0354	3.9459	1.0506	0.0334	1.0840		7,936.8360	7,936.8360	0.1670		7,941.0117

Luna Valley Solar Project - Fresno County, Winter

3.10 Month 15-16 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4284	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767	0.0000	699.4608	699.4608	0.1051		702.0869
Total	2.4678	3.4327	4.6939	7.3300e-003		0.1822	0.1822		0.1767	0.1767	0.0000	699.4608	699.4608	0.1051		702.0869

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3447	8.6484	2.2012	0.0579	1.4347	0.0231	1.4578	0.3963	0.0221	0.4184		6,081.5132	6,081.5132	0.1314		6,084.7973
Worker	0.8834	0.5548	4.8981	0.0186	2.1855	0.0123	2.1978	0.5831	0.0113	0.5944		1,855.3228	1,855.3228	0.0357		1,856.2144
Total	1.2281	9.2032	7.0993	0.0765	3.6201	0.0354	3.6555	0.9794	0.0334	1.0128		7,936.8360	7,936.8360	0.1670		7,941.0117

4.0 Operational Detail - Mobile

Luna Valley Solar Project - Fresno County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0273	0.3179	0.3617	2.1800e-003	0.1504	1.2300e-003	0.1516	0.0405	1.1500e-003	0.0416		224.1562	224.1562	0.0123		224.4639
Unmitigated	0.0273	0.3179	0.3617	2.1800e-003	0.1504	1.2300e-003	0.1516	0.0405	1.1500e-003	0.0416		224.1562	224.1562	0.0123		224.4639

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	13.00	0.00	0.00	49,686	49,686
Total	13.00	0.00	0.00	49,686	49,686

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.496766	0.030510	0.170483	0.111467	0.014688	0.004287	0.033704	0.127678	0.002360	0.001460	0.004966	0.001070	0.000562

Luna Valley Solar Project - Fresno County, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Luna Valley Solar Project - Fresno County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Luna Valley Solar Project - Fresno County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Unmitigated	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0251					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Total	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032

Luna Valley Solar Project - Fresno County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0251					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032
Total	0.0374	1.2100e-003	0.1327	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		0.2845	0.2845	7.5000e-004		0.3032

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Luna Valley Solar Project - Fresno County, Winter

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	66	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	lb/day										lb/day						
Emergency Generator - Diesel (50 - 75 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000

11.0 Vegetation

Appendix B. Ambient Air Quality Analysis

Results Summary

C:\Users\tiffany.ramos\Documents\Working (Laptop)\Luna Valley Solar

Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	161.42421	ug/m^3	733521.38	4053631.50	61.64	0.00	61.64	1/15/2014, 8
3-HR	1ST	60.07241	ug/m^3	732799.70	4053253.51	63.34	0.00	63.34	1/14/2012, 9
8-HR	1ST	23.65347	ug/m^3	732813.81	4053250.67	63.34	0.00	63.34	12/25/2012, 16
24-HR	1ST	13.75154	ug/m^3	732813.81	4053250.67	63.34	0.00	63.34	1/24/2012, 24
PERIOD		3.29712	ug/m^3	733270.54	4052910.26	63.14	0.00	63.14	

Results Summary

C:\Users\tiffanie.ramos\Documents\Working (Laptop)\Luna Valley Solar

NO2 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	8TH	70.65351	ug/m^3	732813.81	4053250.67	63.34	0.00	63.34	

Ambient Air Quality Analysis - Luna Valley Solar Project

Table 1. CalEEMod On-Site Construction Emissions

Max. Rates	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Annual - Exhaust (ton/year)	0.72	5.83	15.51	0.03	0.28	0.26
Annual - Fugitives (ton/year)	0.00	0.00	0.00	0.00	1.03	0.50
Daily - Exhaust (lb/day)	8.9	71.3	184.4	0.35	3.5	3.2
Daily - Fugitives (lb/day)	0	0	0	0	13.8	6.7
Hourly Emission Rate - Exhaust (lb/hr)	1.1	8.9	23.1	0.0	0.4	0.4
Hourly Emission Rate - Fugitives (lb/hr)	0	0	0	0	1.7	0.8
Emission Rate - Exhaust (g/s)	0.14	1.12	2.90	0.005	0.054	0.051
Emission Rate - Fugitives (g/s)	NA	NA	NA	NA	0.22	0.10

Note: Daily maximum emission rates (lb/day) are maximum from CalEEMod Summer and Winter output. Hourly emission rates assume an 8 hour workday.

Table 2. AERMOD Unit Modeling Results X/Q (µg/m³)/(g/s)

Source	Max 1-hour	Max 3-hour	Max 8-hour	Max 24-hour	Max Period
Area Source (120 acres, 7a-4p daily)	161.4	60.1	23.7	13.8	3.3

Table 3. LEVEL 1 (Step 1) Ambient Air Quality Analysis

Pollutant	Averaging Period	CalEEMod Construction Emission Rates (g/s)	AERMOD Results X/Q (µg/m³)/(g/s)	Project Concentration (µg/m³)	Ambient Background Concentration (µg/m³)	Total Concentration (µg/m³)	CAAQS (µg/m³)	NAAQS (µg/m³)	LEVEL 1 (Step 1) Significance
CO	1-hour	2.90	161.4	469	1031	1500	23000	40000	PASS
	8-hour	2.90	23.7	69	802	871	10000	10000	PASS
NO ₂	1-hour	1.12	161.4	181	86	268	339	188	FAIL (Step 2)
	Annual	1.12	3.3	3.7	11	15	57	100	PASS
PM ₁₀ - Total	24-hour	0.27	13.8	3.7	155	159	50	150	FAIL (Step 2)
	Annual	0.27	3.3	0.9	46	47	20	--	FAIL (Step 2)
PM _{2.5} - Total	24-hour	0.16	13.8	2.1	95	97	--	35	FAIL (Step 2)
	Annual	0.16	3.3	0.5	11	11.6	12	12	PASS
SO ₂	1-hour	0.005	161.4	0.9	21	22	655	196	PASS
	24-hour	0.005	13.8	0.1	7	7	105	367	PASS
	Annual	0.005	3.3	0.02	2	2	--	79	PASS

Table 4. LEVEL 1 (Step 2) Ambient Air Quality Analysis

Pollutant	Averaging Period	CalEEMod Construction Emission Rates (g/s)	AERMOD Results X/Q (µg/m³)/(g/s)	Project Concentration (µg/m³)	Significant Impact Level (SIL) (µg/m³)	LEVEL 1 (Step 2) Significance
NO ₂	1-hour	1.12	161.4	181.3	7.5	FAIL (LEVEL 2)
PM ₁₀ - Exhaust	24-hour	0.05	13.8	0.75	5	PASS
	Annual	0.05	3.3	0.18	1	PASS
PM ₁₀ - Fugitives	24-hour	0.22	13.8	3.0	10.4	PASS
	Annual	0.22	3.3	0.7	2.08	PASS
PM _{2.5} - Exhaust	24-hour	0.05	13.8	0.7	1.2	PASS
PM _{2.5} - Fugitive	24-hour	0.10	13.8	1.4	2.5	PASS

Table 5. LEVEL 2 (Step 1) Ambient Air Quality Analysis

Pollutant	Averaging Period	Emission Rates (g/s)	Project Concentration (µg/m³)	Ambient Background Concentration (µg/m³)	Total Concentration (µg/m³)	CAAQS (µg/m³)	NAAQS (µg/m³)	LEVEL 2 (Step 1) Significance
NO ₂	1-hour	1.12	71	86	157	339	188	PASS

Health Risk Assessment - Luna Valley Solar Project

Table 1. AERMOD MEIR Unit Modeling Results

Receptor	UTM-E (m)	UTM-N (m)	Annual X/Q ($\mu\text{g}/\text{m}^3$)/(g/s)
Maximum exposed individual resident (MEIR)	733621	4052432	0.34

Table 2. Ambient Air Quality Analysis - On-site Diesel Particulate Matter (DPM)

Scenario	Averaging Period	CalEEMod Construction Emission Rates (g/s)	AERMOD Results X/Q ($\mu\text{g}/\text{m}^3$)/(g/s)	Project Concentration ($\mu\text{g}/\text{m}^3$)	HARP2 Cancer Risk	Cancer Risk (Persons per Million)	HARP2 Chronic Hazard Index
Unmitigated	Annual	0.125	0.34	0.043	1.47E-05	14.7	0.009
Mitigated	Annual	0.054	0.34	0.018	6.16E-06	6.2	0.004

Table 3. Construction Health Risk Assessment - On-site Diesel Particulate Matter (DPM)

Maximum Impact Receptor	Cancer Risk (Persons per Million)	Chronic Hazard Index
Unmitigated	14.7	0.009
Mitigated	6.2	0.004
<i>SJVAPCD Threshold</i>	20	1
Threshold Exceeded?	No	No

Appendix C. AERMOD and HARP2 Output Files


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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.1
** Lakes Environmental Software Inc.
** Date: 6/30/2020
** File: C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\LVS_UNIT_ST_0700-1600.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
CO STARTING
TITLEONE C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar
MODELOPT DEFAULT CONC
AVERTIME 1 3 8 24 PERIOD
POLLUTID OTHER
RUNORNOT RUN
ERRORFIL LVS_UNIT_ST_0700-1600.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION AREAL AREA 732835.014 4052897.482 63.000
** Source Parameters **
SRCPARAM AREAL 2.0592E-06 5.000 696.870 696.870 -2.000 1.000

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREAL HROFDY 0.0 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT AREAL HROFDY 1.0 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "RISK" "Receptors generated from Risk Grid"
DISCCART 730871.38 4052331.50 69.77 69.77
DISCCART 730871.38 4052356.50 69.61 69.61
DISCCART 730871.38 4052381.50 69.47 69.47
DISCCART 730871.38 4052406.50 69.44 69.44
DISCCART 730871.38 4052431.50 69.44 69.44
DISCCART 730871.38 4052456.50 69.44 69.44
DISCCART 730871.38 4052481.50 69.53 69.53
DISCCART 730871.38 4052506.50 69.48 69.48
DISCCART 730871.38 4052531.50 69.44 69.44
DISCCART 730871.38 4052556.50 69.35 69.35
DISCCART 730871.38 4052581.50 69.28 69.28
DISCCART 730871.38 4052606.50 69.20 69.20
DISCCART 730871.38 4052631.50 69.14 69.14
DISCCART 730871.38 4052656.50 69.04 69.04
DISCCART 730871.38 4052681.50 68.94 68.94
DISCCART 730871.38 4052706.50 68.85 68.85
DISCCART 730871.38 4052731.50 68.76 68.76
DISCCART 730871.38 4052756.50 68.72 68.72
DISCCART 730871.38 4052781.50 68.64 68.64
DISCCART 730871.38 4052806.50 68.54 68.54
DISCCART 730871.38 4052831.50 68.46 68.46
DISCCART 730871.38 4052856.50 68.38 68.38
DISCCART 730871.38 4052881.50 68.34 68.34
DISCCART 730871.38 4052906.50 68.25 68.25
DISCCART 730871.38 4052931.50 68.16 68.16
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DISCCART 730871.38 4053856.50 66.04 66.04
DISCCART 730871.38 4053881.50 66.04 66.04

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DISCCART	730871.38	4054231.50	65.55	65.55
DISCCART	730871.38	4054256.50	65.54	65.54
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DISCCART	730871.38	4055181.50	64.94	64.94
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DISCCART	730896.38	4053156.50	67.54	67.54
DISCCART	730896.38	4053181.50	67.45	67.45
DISCCART	730896.38	4053206.50	67.40	67.40
DISCCART	730896.38	4053231.50	67.34	67.34
DISCCART	730896.38	4053256.50	67.26	67.26
DISCCART	730896.38	4053281.50	67.24	67.24
DISCCART	730896.38	4053306.50	67.15	67.15
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DISCCART	730896.38	4053406.50	66.94	66.94
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DISCCART	730896.38	4053581.50	66.52	66.52
DISCCART	730896.38	4053606.50	66.44	66.44
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DISCCART	730896.38	4054106.50	65.70	65.70
DISCCART	730896.38	4054131.50	65.64	65.64
DISCCART	730896.38	4054156.50	65.64	65.64
DISCCART	730896.38	4054181.50	65.54	65.54
DISCCART	730896.38	4054206.50	65.54	65.54
DISCCART	730896.38	4054231.50	65.54	65.54
DISCCART	730896.38	4054256.50	65.52	65.52
DISCCART	730896.38	4054281.50	65.45	65.45
DISCCART	730896.38	4054306.50	65.44	65.44
DISCCART	730896.38	4054331.50	65.44	65.44
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DISCCART	730896.38	4054381.50	65.41	65.41
DISCCART	730896.38	4054406.50	65.36	65.36
DISCCART	730896.38	4054431.50	65.35	65.35
DISCCART	730896.38	4054456.50	65.34	65.34
DISCCART	730896.38	4054481.50	65.34	65.34
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DISCCART	730896.38	4055231.50	64.85	64.85
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DISCCART	730896.38	4055281.50	64.92	64.92
DISCCART	730896.38	4055306.50	64.94	64.94
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DISCCART	730921.38	4053081.50	67.64	67.64
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DISCCART	730921.38	4053131.50	67.54	67.54
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DISCCART	730921.38	4053481.50	66.66	66.66
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DISCCART	730921.38	4053681.50	66.24	66.24

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DISCCART	730921.38	4054506.50	65.34	65.34
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DISCCART	730921.38	4054581.50	65.26	65.26
DISCCART	730921.38	4054606.50	65.24	65.24
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DISCCART	730921.38	4054781.50	64.94	64.94
DISCCART	730921.38	4054806.50	64.90	64.90
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DISCCART	730921.38	4054881.50	64.74	64.74
DISCCART	730921.38	4054906.50	64.74	64.74
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DISCCART	730921.38	4055131.50	64.78	64.78
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DISCCART	730921.38	4055181.50	64.83	64.83
DISCCART	730921.38	4055206.50	64.84	64.84
DISCCART	730921.38	4055231.50	64.84	64.84
DISCCART	730921.38	4055256.50	64.84	64.84
DISCCART	730921.38	4055281.50	64.84	64.84
DISCCART	730921.38	4055306.50	64.84	64.84
DISCCART	730921.38	4055331.50	64.89	64.89
DISCCART	730946.38	4052331.50	69.74	69.74
DISCCART	730946.38	4052356.50	69.62	69.62
DISCCART	730946.38	4052381.50	69.48	69.48
DISCCART	730946.38	4052406.50	69.44	69.44
DISCCART	730946.38	4052431.50	69.44	69.44
DISCCART	730946.38	4052456.50	69.44	69.44
DISCCART	730946.38	4052481.50	69.44	69.44
DISCCART	730946.38	4052506.50	69.41	69.41
DISCCART	730946.38	4052531.50	69.34	69.34
DISCCART	730946.38	4052556.50	69.25	69.25
DISCCART	730946.38	4052581.50	69.15	69.15
DISCCART	730946.38	4052606.50	69.06	69.06
DISCCART	730946.38	4052631.50	68.97	68.97
DISCCART	730946.38	4052656.50	68.92	68.92
DISCCART	730946.38	4052681.50	68.83	68.83
DISCCART	730946.38	4052706.50	68.74	68.74
DISCCART	730946.38	4052731.50	68.64	68.64
DISCCART	730946.38	4052756.50	68.54	68.54
DISCCART	730946.38	4052781.50	68.48	68.48
DISCCART	730946.38	4052806.50	68.42	68.42
DISCCART	730946.38	4052831.50	68.33	68.33
DISCCART	730946.38	4052856.50	68.24	68.24
DISCCART	730946.38	4052881.50	68.17	68.17
DISCCART	730946.38	4052906.50	68.10	68.10
DISCCART	730946.38	4052931.50	68.04	68.04
DISCCART	730946.38	4052956.50	67.95	67.95
DISCCART	730946.38	4052981.50	67.87	67.87
DISCCART	730946.38	4053006.50	67.84	67.84
DISCCART	730946.38	4053031.50	67.74	67.74
DISCCART	730946.38	4053056.50	67.65	67.65
DISCCART	730946.38	4053081.50	67.63	67.63
DISCCART	730946.38	4053106.50	67.54	67.54
DISCCART	730946.38	4053131.50	67.48	67.48
DISCCART	730946.38	4053156.50	67.44	67.44
DISCCART	730946.38	4053181.50	67.35	67.35
DISCCART	730946.38	4053206.50	67.30	67.30
DISCCART	730946.38	4053231.50	67.24	67.24
DISCCART	730946.38	4053256.50	67.16	67.16
DISCCART	730946.38	4053281.50	67.13	67.13
DISCCART	730946.38	4053306.50	67.04	67.04
DISCCART	730946.38	4053331.50	66.96	66.96
DISCCART	730946.38	4053356.50	66.94	66.94
DISCCART	730946.38	4053381.50	66.84	66.84
DISCCART	730946.38	4053406.50	66.80	66.80
DISCCART	730946.38	4053431.50	66.74	66.74
DISCCART	730946.38	4053456.50	66.65	66.65
DISCCART	730946.38	4053481.50	66.62	66.62
DISCCART	730946.38	4053506.50	66.54	66.54
DISCCART	730946.38	4053531.50	66.52	66.52
DISCCART	730946.38	4053556.50	66.44	66.44
DISCCART	730946.38	4053581.50	66.38	66.38

DISCCART	730946.38	4053606.50	66.34	66.34
DISCCART	730946.38	4053631.50	66.33	66.33
DISCCART	730946.38	4053656.50	66.24	66.24
DISCCART	730946.38	4053681.50	66.24	66.24
DISCCART	730946.38	4053706.50	66.15	66.15
DISCCART	730946.38	4053731.50	66.14	66.14
DISCCART	730946.38	4053756.50	66.10	66.10
DISCCART	730946.38	4053781.50	66.04	66.04
DISCCART	730946.38	4053806.50	66.04	66.04
DISCCART	730946.38	4053831.50	65.98	65.98
DISCCART	730946.38	4053856.50	65.94	65.94
DISCCART	730946.38	4053881.50	65.88	65.88
DISCCART	730946.38	4053906.50	65.85	65.85
DISCCART	730946.38	4053931.50	65.84	65.84
DISCCART	730946.38	4053956.50	65.83	65.83
DISCCART	730946.38	4053981.50	65.74	65.74
DISCCART	730946.38	4054006.50	65.70	65.70
DISCCART	730946.38	4054031.50	65.64	65.64
DISCCART	730946.38	4054056.50	65.64	65.64
DISCCART	730946.38	4054081.50	65.62	65.62
DISCCART	730946.38	4054106.50	65.56	65.56
DISCCART	730946.38	4054131.50	65.54	65.54
DISCCART	730946.38	4054156.50	65.44	65.44
DISCCART	730946.38	4054181.50	65.44	65.44
DISCCART	730946.38	4054206.50	65.44	65.44
DISCCART	730946.38	4054231.50	65.42	65.42
DISCCART	730946.38	4054256.50	65.35	65.35
DISCCART	730946.38	4054281.50	65.34	65.34
DISCCART	730946.38	4054306.50	65.34	65.34
DISCCART	730946.38	4054331.50	65.34	65.34
DISCCART	730946.38	4054356.50	65.34	65.34
DISCCART	730946.38	4054381.50	65.32	65.32
DISCCART	730946.38	4054406.50	65.30	65.30
DISCCART	730946.38	4054431.50	65.26	65.26
DISCCART	730946.38	4054456.50	65.25	65.25
DISCCART	730946.38	4054481.50	65.24	65.24
DISCCART	730946.38	4054506.50	65.24	65.24
DISCCART	730946.38	4054531.50	65.24	65.24
DISCCART	730946.38	4054556.50	65.24	65.24
DISCCART	730946.38	4054581.50	65.24	65.24
DISCCART	730946.38	4054606.50	65.24	65.24
DISCCART	730946.38	4054631.50	65.24	65.24
DISCCART	730946.38	4054656.50	65.20	65.20
DISCCART	730946.38	4054681.50	65.14	65.14
DISCCART	730946.38	4054706.50	65.14	65.14
DISCCART	730946.38	4054731.50	65.04	65.04
DISCCART	730946.38	4054756.50	65.00	65.00
DISCCART	730946.38	4054781.50	64.94	64.94
DISCCART	730946.38	4054806.50	64.91	64.91
DISCCART	730946.38	4054831.50	64.84	64.84
DISCCART	730946.38	4054856.50	64.75	64.75
DISCCART	730946.38	4054881.50	64.67	64.67
DISCCART	730946.38	4054906.50	64.64	64.64
DISCCART	730946.38	4054931.50	64.64	64.64
DISCCART	730946.38	4054956.50	64.64	64.64
DISCCART	730946.38	4054981.50	64.66	64.66
DISCCART	730946.38	4055006.50	64.67	64.67
DISCCART	730946.38	4055031.50	64.72	64.72
DISCCART	730946.38	4055056.50	64.74	64.74
DISCCART	730946.38	4055081.50	64.74	64.74
DISCCART	730946.38	4055106.50	64.74	64.74
DISCCART	730946.38	4055131.50	64.74	64.74
DISCCART	730946.38	4055156.50	64.74	64.74
DISCCART	730946.38	4055181.50	64.74	64.74
DISCCART	730946.38	4055206.50	64.74	64.74
DISCCART	730946.38	4055231.50	64.75	64.75
DISCCART	730946.38	4055256.50	64.75	64.75
DISCCART	730946.38	4055281.50	64.82	64.82
DISCCART	730946.38	4055306.50	64.82	64.82
DISCCART	730946.38	4055331.50	64.84	64.84
DISCCART	730971.38	4052331.50	69.74	69.74
DISCCART	730971.38	4052356.50	69.62	69.62
DISCCART	730971.38	4052381.50	69.48	69.48
DISCCART	730971.38	4052406.50	69.44	69.44
DISCCART	730971.38	4052431.50	69.44	69.44
DISCCART	730971.38	4052456.50	69.44	69.44
DISCCART	730971.38	4052481.50	69.44	69.44
DISCCART	730971.38	4052506.50	69.36	69.36
DISCCART	730971.38	4052531.50	69.27	69.27
DISCCART	730971.38	4052556.50	69.20	69.20
DISCCART	730971.38	4052581.50	69.14	69.14
DISCCART	730971.38	4052606.50	69.04	69.04
DISCCART	730971.38	4052631.50	68.94	68.94
DISCCART	730971.38	4052656.50	68.84	68.84
DISCCART	730971.38	4052681.50	68.75	68.75
DISCCART	730971.38	4052706.50	68.67	68.67
DISCCART	730971.38	4052731.50	68.60	68.60
DISCCART	730971.38	4052756.50	68.53	68.53
DISCCART	730971.38	4052781.50	68.44	68.44
DISCCART	730971.38	4052806.50	68.35	68.35
DISCCART	730971.38	4052831.50	68.28	68.28
DISCCART	730971.38	4052856.50	68.20	68.20
DISCCART	730971.38	4052881.50	68.14	68.14
DISCCART	730971.38	4052906.50	68.05	68.05
DISCCART	730971.38	4052931.50	67.97	67.97
DISCCART	730971.38	4052956.50	67.92	67.92
DISCCART	730971.38	4052981.50	67.84	67.84
DISCCART	730971.38	4053006.50	67.74	67.74
DISCCART	730971.38	4053031.50	67.70	67.70
DISCCART	730971.38	4053056.50	67.64	67.64
DISCCART	730971.38	4053081.50	67.56	67.56
DISCCART	730971.38	4053106.50	67.52	67.52
DISCCART	730971.38	4053131.50	67.44	67.44
DISCCART	730971.38	4053156.50	67.34	67.34
DISCCART	730971.38	4053181.50	67.30	67.30
DISCCART	730971.38	4053206.50	67.24	67.24
DISCCART	730971.38	4053231.50	67.16	67.16
DISCCART	730971.38	4053256.50	67.12	67.12
DISCCART	730971.38	4053281.50	67.05	67.05
DISCCART	730971.38	4053306.50	66.97	66.97
DISCCART	730971.38	4053331.50	66.94	66.94
DISCCART	730971.38	4053356.50	66.84	66.84
DISCCART	730971.38	4053381.50	66.84	66.84
DISCCART	730971.38	4053406.50	66.74	66.74
DISCCART	730971.38	4053431.50	66.70	66.70
DISCCART	730971.38	4053456.50	66.64	66.64
DISCCART	730971.38	4053481.50	66.56	66.56

DISCCART	730971.38	4053506.50	66.53	66.53
DISCCART	730971.38	4053531.50	66.44	66.44
DISCCART	730971.38	4053556.50	66.37	66.37
DISCCART	730971.38	4053581.50	66.34	66.34
DISCCART	730971.38	4053606.50	66.32	66.32
DISCCART	730971.38	4053631.50	66.24	66.24
DISCCART	730971.38	4053656.50	66.24	66.24
DISCCART	730971.38	4053681.50	66.15	66.15
DISCCART	730971.38	4053706.50	66.14	66.14
DISCCART	730971.38	4053731.50	66.10	66.10
DISCCART	730971.38	4053756.50	66.04	66.04
DISCCART	730971.38	4053781.50	66.00	66.00
DISCCART	730971.38	4053806.50	65.98	65.98
DISCCART	730971.38	4053831.50	65.94	65.94
DISCCART	730971.38	4053856.50	65.87	65.87
DISCCART	730971.38	4053881.50	65.84	65.84
DISCCART	730971.38	4053906.50	65.81	65.81
DISCCART	730971.38	4053931.50	65.80	65.80
DISCCART	730971.38	4053956.50	65.74	65.74
DISCCART	730971.38	4053981.50	65.74	65.74
DISCCART	730971.38	4054006.50	65.63	65.63
DISCCART	730971.38	4054031.50	65.58	65.58
DISCCART	730971.38	4054056.50	65.55	65.55
DISCCART	730971.38	4054081.50	65.54	65.54
DISCCART	730971.38	4054106.50	65.52	65.52
DISCCART	730971.38	4054131.50	65.48	65.48
DISCCART	730971.38	4054156.50	65.44	65.44
DISCCART	730971.38	4054181.50	65.44	65.44
DISCCART	730971.38	4054206.50	65.34	65.34
DISCCART	730971.38	4054231.50	65.34	65.34
DISCCART	730971.38	4054256.50	65.34	65.34
DISCCART	730971.38	4054281.50	65.34	65.34
DISCCART	730971.38	4054306.50	65.32	65.32
DISCCART	730971.38	4054331.50	65.29	65.29
DISCCART	730971.38	4054356.50	65.25	65.25
DISCCART	730971.38	4054381.50	65.24	65.24
DISCCART	730971.38	4054406.50	65.24	65.24
DISCCART	730971.38	4054431.50	65.24	65.24
DISCCART	730971.38	4054456.50	65.24	65.24
DISCCART	730971.38	4054481.50	65.24	65.24
DISCCART	730971.38	4054506.50	65.24	65.24
DISCCART	730971.38	4054531.50	65.24	65.24
DISCCART	730971.38	4054556.50	65.24	65.24
DISCCART	730971.38	4054581.50	65.21	65.21
DISCCART	730971.38	4054606.50	65.19	65.19
DISCCART	730971.38	4054631.50	65.16	65.16
DISCCART	730971.38	4054656.50	65.14	65.14
DISCCART	730971.38	4054681.50	65.14	65.14
DISCCART	730971.38	4054706.50	65.14	65.14
DISCCART	730971.38	4054731.50	65.04	65.04
DISCCART	730971.38	4054756.50	65.00	65.00
DISCCART	730971.38	4054781.50	64.94	64.94
DISCCART	730971.38	4054806.50	64.91	64.91
DISCCART	730971.38	4054831.50	64.84	64.84
DISCCART	730971.38	4054856.50	64.74	64.74
DISCCART	730971.38	4054881.50	64.68	64.68
DISCCART	730971.38	4054906.50	64.64	64.64
DISCCART	730971.38	4054931.50	64.64	64.64
DISCCART	730971.38	4054956.50	64.64	64.64
DISCCART	730971.38	4054981.50	64.64	64.64
DISCCART	730971.38	4055006.50	64.64	64.64
DISCCART	730971.38	4055031.50	64.64	64.64
DISCCART	730971.38	4055056.50	64.64	64.64
DISCCART	730971.38	4055081.50	64.64	64.64
DISCCART	730971.38	4055106.50	64.68	64.68
DISCCART	730971.38	4055131.50	64.68	64.68
DISCCART	730971.38	4055156.50	64.68	64.68
DISCCART	730971.38	4055181.50	64.74	64.74
DISCCART	730971.38	4055206.50	64.74	64.74
DISCCART	730971.38	4055231.50	64.74	64.74
DISCCART	730971.38	4055256.50	64.74	64.74
DISCCART	730971.38	4055281.50	64.74	64.74
DISCCART	730971.38	4055306.50	64.74	64.74
DISCCART	730971.38	4055331.50	64.77	64.77
DISCCART	730996.38	4052331.50	69.74	69.74
DISCCART	730996.38	4052356.50	69.62	69.62
DISCCART	730996.38	4052381.50	69.48	69.48
DISCCART	730996.38	4052406.50	69.44	69.44
DISCCART	730996.38	4052431.50	69.44	69.44
DISCCART	730996.38	4052456.50	69.44	69.44
DISCCART	730996.38	4052481.50	69.42	69.42
DISCCART	730996.38	4052506.50	69.34	69.34
DISCCART	730996.38	4052531.50	69.24	69.24
DISCCART	730996.38	4052556.50	69.15	69.15
DISCCART	730996.38	4052581.50	69.06	69.06
DISCCART	730996.38	4052606.50	69.00	69.00
DISCCART	730996.38	4052631.50	68.88	68.88
DISCCART	730996.38	4052656.50	68.83	68.83
DISCCART	730996.38	4052681.50	68.73	68.73
DISCCART	730996.38	4052706.50	68.64	68.64
DISCCART	730996.38	4052731.50	68.54	68.54
DISCCART	730996.38	4052756.50	68.45	68.45
DISCCART	730996.38	4052781.50	68.39	68.39
DISCCART	730996.38	4052806.50	68.31	68.31
DISCCART	730996.38	4052831.50	68.24	68.24
DISCCART	730996.38	4052856.50	68.15	68.15
DISCCART	730996.38	4052881.50	68.06	68.06
DISCCART	730996.38	4052906.50	68.00	68.00
DISCCART	730996.38	4052931.50	67.94	67.94
DISCCART	730996.38	4052956.50	67.85	67.85
DISCCART	730996.38	4052981.50	67.77	67.77
DISCCART	730996.38	4053006.50	67.74	67.74
DISCCART	730996.38	4053031.50	67.64	67.64
DISCCART	730996.38	4053056.50	67.55	67.55
DISCCART	730996.38	4053081.50	67.53	67.53
DISCCART	730996.38	4053106.50	67.44	67.44
DISCCART	730996.38	4053131.50	67.38	67.38
DISCCART	730996.38	4053156.50	67.34	67.34
DISCCART	730996.38	4053181.50	67.25	67.25
DISCCART	730996.38	4053206.50	67.20	67.20
DISCCART	730996.38	4053231.50	67.14	67.14
DISCCART	730996.38	4053256.50	67.06	67.06
DISCCART	730996.38	4053281.50	67.03	67.03
DISCCART	730996.38	4053306.50	66.94	66.94
DISCCART	730996.38	4053331.50	66.86	66.86
DISCCART	730996.38	4053356.50	66.84	66.84
DISCCART	730996.38	4053381.50	66.74	66.74

DISCCART	730996.38	4053406.50	66.71	66.71
DISCCART	730996.38	4053431.50	66.64	66.64
DISCCART	730996.38	4053456.50	66.55	66.55
DISCCART	730996.38	4053481.50	66.52	66.52
DISCCART	730996.38	4053506.50	66.44	66.44
DISCCART	730996.38	4053531.50	66.38	66.38
DISCCART	730996.38	4053556.50	66.34	66.34
DISCCART	730996.38	4053581.50	66.33	66.33
DISCCART	730996.38	4053606.50	66.24	66.24
DISCCART	730996.38	4053631.50	66.24	66.24
DISCCART	730996.38	4053656.50	66.15	66.15
DISCCART	730996.38	4053681.50	66.14	66.14
DISCCART	730996.38	4053706.50	66.12	66.12
DISCCART	730996.38	4053731.50	66.04	66.04
DISCCART	730996.38	4053756.50	66.04	66.04
DISCCART	730996.38	4053781.50	65.94	65.94
DISCCART	730996.38	4053806.50	65.94	65.94
DISCCART	730996.38	4053831.50	65.88	65.88
DISCCART	730996.38	4053856.50	65.84	65.84
DISCCART	730996.38	4053881.50	65.79	65.79
DISCCART	730996.38	4053906.50	65.74	65.74
DISCCART	730996.38	4053931.50	65.74	65.74
DISCCART	730996.38	4053956.50	65.70	65.70
DISCCART	730996.38	4053981.50	65.64	65.64
DISCCART	730996.38	4054006.50	65.59	65.59
DISCCART	730996.38	4054031.50	65.54	65.54
DISCCART	730996.38	4054056.50	65.52	65.52
DISCCART	730996.38	4054081.50	65.46	65.46
DISCCART	730996.38	4054106.50	65.44	65.44
DISCCART	730996.38	4054131.50	65.35	65.35
DISCCART	730996.38	4054156.50	65.34	65.34
DISCCART	730996.38	4054181.50	65.34	65.34
DISCCART	730996.38	4054206.50	65.34	65.34
DISCCART	730996.38	4054231.50	65.28	65.28
DISCCART	730996.38	4054256.50	65.25	65.25
DISCCART	730996.38	4054281.50	65.24	65.24
DISCCART	730996.38	4054306.50	65.24	65.24
DISCCART	730996.38	4054331.50	65.24	65.24
DISCCART	730996.38	4054356.50	65.24	65.24
DISCCART	730996.38	4054381.50	65.22	65.22
DISCCART	730996.38	4054406.50	65.22	65.22
DISCCART	730996.38	4054431.50	65.17	65.17
DISCCART	730996.38	4054456.50	65.16	65.16
DISCCART	730996.38	4054481.50	65.16	65.16
DISCCART	730996.38	4054506.50	65.15	65.15
DISCCART	730996.38	4054531.50	65.15	65.15
DISCCART	730996.38	4054556.50	65.14	65.14
DISCCART	730996.38	4054581.50	65.14	65.14
DISCCART	730996.38	4054606.50	65.14	65.14
DISCCART	730996.38	4054631.50	65.14	65.14
DISCCART	730996.38	4054656.50	65.14	65.14
DISCCART	730996.38	4054681.50	65.14	65.14
DISCCART	730996.38	4054706.50	65.11	65.11
DISCCART	730996.38	4054731.50	65.04	65.04
DISCCART	730996.38	4054756.50	65.04	65.04
DISCCART	730996.38	4054781.50	64.94	64.94
DISCCART	730996.38	4054806.50	64.91	64.91
DISCCART	730996.38	4054831.50	64.84	64.84
DISCCART	730996.38	4054856.50	64.82	64.82
DISCCART	730996.38	4054881.50	64.68	64.68
DISCCART	730996.38	4054906.50	64.64	64.64
DISCCART	730996.38	4054931.50	64.63	64.63
DISCCART	730996.38	4054956.50	64.56	64.56
DISCCART	730996.38	4054981.50	64.56	64.56
DISCCART	730996.38	4055006.50	64.62	64.62
DISCCART	730996.38	4055031.50	64.64	64.64
DISCCART	730996.38	4055056.50	64.64	64.64
DISCCART	730996.38	4055081.50	64.64	64.64
DISCCART	730996.38	4055106.50	64.64	64.64
DISCCART	730996.38	4055131.50	64.64	64.64
DISCCART	730996.38	4055156.50	64.64	64.64
DISCCART	730996.38	4055181.50	64.64	64.64
DISCCART	730996.38	4055206.50	64.64	64.64
DISCCART	730996.38	4055231.50	64.65	64.65
DISCCART	730996.38	4055256.50	64.72	64.72
DISCCART	730996.38	4055281.50	64.73	64.73
DISCCART	730996.38	4055306.50	64.74	64.74
DISCCART	730996.38	4055331.50	64.74	64.74
DISCCART	731021.38	4052331.50	69.73	69.73
DISCCART	731021.38	4052356.50	69.62	69.62
DISCCART	731021.38	4052381.50	69.49	69.49
DISCCART	731021.38	4052406.50	69.44	69.44
DISCCART	731021.38	4052431.50	69.44	69.44
DISCCART	731021.38	4052456.50	69.44	69.44
DISCCART	731021.38	4052481.50	69.37	69.37
DISCCART	731021.38	4052506.50	69.28	69.28
DISCCART	731021.38	4052531.50	69.20	69.20
DISCCART	731021.38	4052556.50	69.12	69.12
DISCCART	731021.38	4052581.50	69.04	69.04
DISCCART	731021.38	4052606.50	68.94	68.94
DISCCART	731021.38	4052631.50	68.84	68.84
DISCCART	731021.38	4052656.50	68.74	68.74
DISCCART	731021.38	4052681.50	68.66	68.66
DISCCART	731021.38	4052706.50	68.57	68.57
DISCCART	731021.38	4052731.50	68.50	68.50
DISCCART	731021.38	4052756.50	68.44	68.44
DISCCART	731021.38	4052781.50	68.34	68.34
DISCCART	731021.38	4052806.50	68.26	68.26
DISCCART	731021.38	4052831.50	68.17	68.17
DISCCART	731021.38	4052856.50	68.12	68.12
DISCCART	731021.38	4052881.50	68.04	68.04
DISCCART	731021.38	4052906.50	67.95	67.95
DISCCART	731021.38	4052931.50	67.85	67.85
DISCCART	731021.38	4052956.50	67.83	67.83
DISCCART	731021.38	4052981.50	67.74	67.74
DISCCART	731021.38	4053006.50	67.64	67.64
DISCCART	731021.38	4053031.50	67.60	67.60
DISCCART	731021.38	4053056.50	67.54	67.54
DISCCART	731021.38	4053081.50	67.44	67.44
DISCCART	731021.38	4053106.50	67.38	67.38
DISCCART	731021.38	4053131.50	67.34	67.34
DISCCART	731021.38	4053156.50	67.25	67.25
DISCCART	731021.38	4053181.50	67.20	67.20
DISCCART	731021.38	4053206.50	67.14	67.14
DISCCART	731021.38	4053231.50	67.05	67.05
DISCCART	731021.38	4053256.50	67.02	67.02
DISCCART	731021.38	4053281.50	66.94	66.94

DISCCART	731021.38	4053306.50	66.87	66.87
DISCCART	731021.38	4053331.50	66.84	66.84
DISCCART	731021.38	4053356.50	66.74	66.74
DISCCART	731021.38	4053381.50	66.70	66.70
DISCCART	731021.38	4053406.50	66.64	66.64
DISCCART	731021.38	4053431.50	66.56	66.56
DISCCART	731021.38	4053456.50	66.53	66.53
DISCCART	731021.38	4053481.50	66.44	66.44
DISCCART	731021.38	4053506.50	66.38	66.38
DISCCART	731021.38	4053531.50	66.34	66.34
DISCCART	731021.38	4053556.50	66.32	66.32
DISCCART	731021.38	4053581.50	66.24	66.24
DISCCART	731021.38	4053606.50	66.24	66.24
DISCCART	731021.38	4053631.50	66.15	66.15
DISCCART	731021.38	4053656.50	66.14	66.14
DISCCART	731021.38	4053681.50	66.14	66.14
DISCCART	731021.38	4053706.50	66.04	66.04
DISCCART	731021.38	4053731.50	66.04	66.04
DISCCART	731021.38	4053756.50	65.94	65.94
DISCCART	731021.38	4053781.50	65.94	65.94
DISCCART	731021.38	4053806.50	65.84	65.84
DISCCART	731021.38	4053831.50	65.83	65.83
DISCCART	731021.38	4053856.50	65.82	65.82
DISCCART	731021.38	4053881.50	65.74	65.74
DISCCART	731021.38	4053906.50	65.67	65.67
DISCCART	731021.38	4053931.50	65.67	65.67
DISCCART	731021.38	4053956.50	65.64	65.64
DISCCART	731021.38	4053981.50	65.60	65.60
DISCCART	731021.38	4054006.50	65.51	65.51
DISCCART	731021.38	4054031.50	65.44	65.44
DISCCART	731021.38	4054056.50	65.44	65.44
DISCCART	731021.38	4054081.50	65.44	65.44
DISCCART	731021.38	4054106.50	65.38	65.38
DISCCART	731021.38	4054131.50	65.34	65.34
DISCCART	731021.38	4054156.50	65.34	65.34
DISCCART	731021.38	4054181.50	65.31	65.31
DISCCART	731021.38	4054206.50	65.25	65.25
DISCCART	731021.38	4054231.50	65.24	65.24
DISCCART	731021.38	4054256.50	65.24	65.24
DISCCART	731021.38	4054281.50	65.21	65.21
DISCCART	731021.38	4054306.50	65.19	65.19
DISCCART	731021.38	4054331.50	65.14	65.14
DISCCART	731021.38	4054356.50	65.14	65.14
DISCCART	731021.38	4054381.50	65.14	65.14
DISCCART	731021.38	4054406.50	65.14	65.14
DISCCART	731021.38	4054431.50	65.14	65.14
DISCCART	731021.38	4054456.50	65.14	65.14
DISCCART	731021.38	4054481.50	65.14	65.14
DISCCART	731021.38	4054506.50	65.14	65.14
DISCCART	731021.38	4054531.50	65.14	65.14
DISCCART	731021.38	4054556.50	65.14	65.14
DISCCART	731021.38	4054581.50	65.14	65.14
DISCCART	731021.38	4054606.50	65.14	65.14
DISCCART	731021.38	4054631.50	65.13	65.13
DISCCART	731021.38	4054656.50	65.09	65.09
DISCCART	731021.38	4054681.50	65.05	65.05
DISCCART	731021.38	4054706.50	65.04	65.04
DISCCART	731021.38	4054731.50	65.04	65.04
DISCCART	731021.38	4054756.50	65.04	65.04
DISCCART	731021.38	4054781.50	64.94	64.94
DISCCART	731021.38	4054806.50	64.92	64.92
DISCCART	731021.38	4054831.50	64.84	64.84
DISCCART	731021.38	4054856.50	64.82	64.82
DISCCART	731021.38	4054881.50	64.74	64.74
DISCCART	731021.38	4054906.50	64.64	64.64
DISCCART	731021.38	4054931.50	64.54	64.54
DISCCART	731021.38	4054956.50	64.54	64.54
DISCCART	731021.38	4054981.50	64.54	64.54
DISCCART	731021.38	4055006.50	64.54	64.54
DISCCART	731021.38	4055031.50	64.54	64.54
DISCCART	731021.38	4055056.50	64.54	64.54
DISCCART	731021.38	4055081.50	64.57	64.57
DISCCART	731021.38	4055106.50	64.55	64.55
DISCCART	731021.38	4055131.50	64.58	64.58
DISCCART	731021.38	4055156.50	64.65	64.65
DISCCART	731021.38	4055181.50	64.64	64.64
DISCCART	731021.38	4055206.50	64.64	64.64
DISCCART	731021.38	4055231.50	64.64	64.64
DISCCART	731021.38	4055256.50	64.64	64.64
DISCCART	731021.38	4055281.50	64.64	64.64
DISCCART	731021.38	4055306.50	64.65	64.65
DISCCART	731021.38	4055331.50	64.69	64.69
DISCCART	731046.38	4052331.50	69.73	69.73
DISCCART	731046.38	4052356.50	69.61	69.61
DISCCART	731046.38	4052381.50	69.48	69.48
DISCCART	731046.38	4052406.50	69.44	69.44
DISCCART	731046.38	4052431.50	69.44	69.44
DISCCART	731046.38	4052456.50	69.44	69.44
DISCCART	731046.38	4052481.50	69.34	69.34
DISCCART	731046.38	4052506.50	69.24	69.24
DISCCART	731046.38	4052531.50	69.15	69.15
DISCCART	731046.38	4052556.50	69.06	69.06
DISCCART	731046.38	4052581.50	68.96	68.96
DISCCART	731046.38	4052606.50	68.90	68.90
DISCCART	731046.38	4052631.50	68.82	68.82
DISCCART	731046.38	4052656.50	68.73	68.73
DISCCART	731046.38	4052681.50	68.63	68.63
DISCCART	731046.38	4052706.50	68.54	68.54
DISCCART	731046.38	4052731.50	68.44	68.44
DISCCART	731046.38	4052756.50	68.36	68.36
DISCCART	731046.38	4052781.50	68.32	68.32
DISCCART	731046.38	4052806.50	68.24	68.24
DISCCART	731046.38	4052831.50	68.14	68.14
DISCCART	731046.38	4052856.50	68.05	68.05
DISCCART	731046.38	4052881.50	67.97	67.97
DISCCART	731046.38	4052906.50	67.91	67.91
DISCCART	731046.38	4052931.50	67.84	67.84
DISCCART	731046.38	4052956.50	67.74	67.74
DISCCART	731046.38	4052981.50	67.67	67.67
DISCCART	731046.38	4053006.50	67.64	67.64
DISCCART	731046.38	4053031.50	67.54	67.54
DISCCART	731046.38	4053056.50	67.45	67.45
DISCCART	731046.38	4053081.50	67.42	67.42
DISCCART	731046.38	4053106.50	67.34	67.34
DISCCART	731046.38	4053131.50	67.28	67.28
DISCCART	731046.38	4053156.50	67.21	67.21
DISCCART	731046.38	4053181.50	67.14	67.14

DISCCART	731046.38	4053206.50	67.06	67.06
DISCCART	731046.38	4053231.50	67.03	67.03
DISCCART	731046.38	4053256.50	66.94	66.94
DISCCART	731046.38	4053281.50	66.87	66.87
DISCCART	731046.38	4053306.50	66.84	66.84
DISCCART	731046.38	4053331.50	66.74	66.74
DISCCART	731046.38	4053356.50	66.74	66.74
DISCCART	731046.38	4053381.50	66.64	66.64
DISCCART	731046.38	4053406.50	66.61	66.61
DISCCART	731046.38	4053431.50	66.54	66.54
DISCCART	731046.38	4053456.50	66.46	66.46
DISCCART	731046.38	4053481.50	66.42	66.42
DISCCART	731046.38	4053506.50	66.34	66.34
DISCCART	731046.38	4053531.50	66.32	66.32
DISCCART	731046.38	4053556.50	66.24	66.24
DISCCART	731046.38	4053581.50	66.24	66.24
DISCCART	731046.38	4053606.50	66.15	66.15
DISCCART	731046.38	4053631.50	66.14	66.14
DISCCART	731046.38	4053656.50	66.11	66.11
DISCCART	731046.38	4053681.50	66.04	66.04
DISCCART	731046.38	4053706.50	66.04	66.04
DISCCART	731046.38	4053731.50	65.98	65.98
DISCCART	731046.38	4053756.50	65.94	65.94
DISCCART	731046.38	4053781.50	65.88	65.88
DISCCART	731046.38	4053806.50	65.84	65.84
DISCCART	731046.38	4053831.50	65.77	65.77
DISCCART	731046.38	4053856.50	65.71	65.71
DISCCART	731046.38	4053881.50	65.73	65.73
DISCCART	731046.38	4053906.50	65.64	65.64
DISCCART	731046.38	4053931.50	65.54	65.54
DISCCART	731046.38	4053956.50	65.55	65.55
DISCCART	731046.38	4053981.50	65.54	65.54
DISCCART	731046.38	4054006.50	65.43	65.43
DISCCART	731046.38	4054031.50	65.42	65.42
DISCCART	731046.38	4054056.50	65.41	65.41
DISCCART	731046.38	4054081.50	65.35	65.35
DISCCART	731046.38	4054106.50	65.26	65.26
DISCCART	731046.38	4054131.50	65.26	65.26
DISCCART	731046.38	4054156.50	65.24	65.24
DISCCART	731046.38	4054181.50	65.24	65.24
DISCCART	731046.38	4054206.50	65.23	65.23
DISCCART	731046.38	4054231.50	65.15	65.15
DISCCART	731046.38	4054256.50	65.14	65.14
DISCCART	731046.38	4054281.50	65.14	65.14
DISCCART	731046.38	4054306.50	65.14	65.14
DISCCART	731046.38	4054331.50	65.14	65.14
DISCCART	731046.38	4054356.50	65.12	65.12
DISCCART	731046.38	4054381.50	65.12	65.12
DISCCART	731046.38	4054406.50	65.12	65.12
DISCCART	731046.38	4054431.50	65.12	65.12
DISCCART	731046.38	4054456.50	65.06	65.06
DISCCART	731046.38	4054481.50	65.06	65.06
DISCCART	731046.38	4054506.50	65.05	65.05
DISCCART	731046.38	4054531.50	65.05	65.05
DISCCART	731046.38	4054556.50	65.05	65.05
DISCCART	731046.38	4054581.50	65.04	65.04
DISCCART	731046.38	4054606.50	65.04	65.04
DISCCART	731046.38	4054631.50	65.04	65.04
DISCCART	731046.38	4054656.50	65.04	65.04
DISCCART	731046.38	4054681.50	65.04	65.04
DISCCART	731046.38	4054706.50	65.04	65.04
DISCCART	731046.38	4054731.50	65.04	65.04
DISCCART	731046.38	4054756.50	65.00	65.00
DISCCART	731046.38	4054781.50	64.94	64.94
DISCCART	731046.38	4054806.50	64.94	64.94
DISCCART	731046.38	4054831.50	64.84	64.84
DISCCART	731046.38	4054856.50	64.82	64.82
DISCCART	731046.38	4054881.50	64.73	64.73
DISCCART	731046.38	4054906.50	64.64	64.64
DISCCART	731046.38	4054931.50	64.54	64.54
DISCCART	731046.38	4054956.50	64.54	64.54
DISCCART	731046.38	4054981.50	64.54	64.54
DISCCART	731046.38	4055006.50	64.54	64.54
DISCCART	731046.38	4055031.50	64.54	64.54
DISCCART	731046.38	4055056.50	64.54	64.54
DISCCART	731046.38	4055081.50	64.54	64.54
DISCCART	731046.38	4055106.50	64.54	64.54
DISCCART	731046.38	4055131.50	64.54	64.54
DISCCART	731046.38	4055156.50	64.54	64.54
DISCCART	731046.38	4055181.50	64.54	64.54
DISCCART	731046.38	4055206.50	64.55	64.55
DISCCART	731046.38	4055231.50	64.60	64.60
DISCCART	731046.38	4055256.50	64.62	64.62
DISCCART	731046.38	4055281.50	64.64	64.64
DISCCART	731046.38	4055306.50	64.64	64.64
DISCCART	731046.38	4055331.50	64.64	64.64
DISCCART	731071.38	4052331.50	69.73	69.73
DISCCART	731071.38	4052356.50	69.61	69.61
DISCCART	731071.38	4052381.50	69.48	69.48
DISCCART	731071.38	4052406.50	69.44	69.44
DISCCART	731071.38	4052431.50	69.44	69.44
DISCCART	731071.38	4052456.50	69.38	69.38
DISCCART	731071.38	4052481.50	69.30	69.30
DISCCART	731071.38	4052506.50	69.20	69.20
DISCCART	731071.38	4052531.50	69.14	69.14
DISCCART	731071.38	4052556.50	69.03	69.03
DISCCART	731071.38	4052581.50	68.94	68.94
DISCCART	731071.38	4052606.50	68.84	68.84
DISCCART	731071.38	4052631.50	68.76	68.76
DISCCART	731071.38	4052656.50	68.64	68.64
DISCCART	731071.38	4052681.50	68.59	68.59
DISCCART	731071.38	4052706.50	68.51	68.51
DISCCART	731071.38	4052731.50	68.43	68.43
DISCCART	731071.38	4052756.50	68.34	68.34
DISCCART	731071.38	4052781.50	68.24	68.24
DISCCART	731071.38	4052806.50	68.18	68.18
DISCCART	731071.38	4052831.50	68.10	68.10
DISCCART	731071.38	4052856.50	68.02	68.02
DISCCART	731071.38	4052881.50	67.94	67.94
DISCCART	731071.38	4052906.50	67.84	67.84
DISCCART	731071.38	4052931.50	67.77	67.77
DISCCART	731071.38	4052956.50	67.73	67.73
DISCCART	731071.38	4052981.50	67.64	67.64
DISCCART	731071.38	4053006.50	67.54	67.54
DISCCART	731071.38	4053031.50	67.51	67.51
DISCCART	731071.38	4053056.50	67.44	67.44
DISCCART	731071.38	4053081.50	67.34	67.34

DISCCART	731071.38	4053106.50	67.28	67.28
DISCCART	731071.38	4053131.50	67.24	67.24
DISCCART	731071.38	4053156.50	67.15	67.15
DISCCART	731071.38	4053181.50	67.07	67.07
DISCCART	731071.38	4053206.50	67.02	67.02
DISCCART	731071.38	4053231.50	66.94	66.94
DISCCART	731071.38	4053256.50	66.87	66.87
DISCCART	731071.38	4053281.50	66.84	66.84
DISCCART	731071.38	4053306.50	66.77	66.77
DISCCART	731071.38	4053331.50	66.74	66.74
DISCCART	731071.38	4053356.50	66.64	66.64
DISCCART	731071.38	4053381.50	66.60	66.60
DISCCART	731071.38	4053406.50	66.54	66.54
DISCCART	731071.38	4053431.50	66.46	66.46
DISCCART	731071.38	4053456.50	66.42	66.42
DISCCART	731071.38	4053481.50	66.34	66.34
DISCCART	731071.38	4053506.50	66.34	66.34
DISCCART	731071.38	4053531.50	66.25	66.25
DISCCART	731071.38	4053556.50	66.24	66.24
DISCCART	731071.38	4053581.50	66.20	66.20
DISCCART	731071.38	4053606.50	66.14	66.14
DISCCART	731071.38	4053631.50	66.14	66.14
DISCCART	731071.38	4053656.50	66.04	66.04
DISCCART	731071.38	4053681.50	66.04	66.04
DISCCART	731071.38	4053706.50	65.94	65.94
DISCCART	731071.38	4053731.50	65.94	65.94
DISCCART	731071.38	4053756.50	65.89	65.89
DISCCART	731071.38	4053781.50	65.84	65.84
DISCCART	731071.38	4053806.50	65.82	65.82
DISCCART	731071.38	4053831.50	65.74	65.74
DISCCART	731071.38	4053856.50	65.66	65.66
DISCCART	731071.38	4053881.50	65.58	65.58
DISCCART	731071.38	4053906.50	65.60	65.60
DISCCART	731071.38	4053931.50	65.50	65.50
DISCCART	731071.38	4053956.50	65.48	65.48
DISCCART	731071.38	4053981.50	65.45	65.45
DISCCART	731071.38	4054006.50	65.41	65.41
DISCCART	731071.38	4054031.50	65.33	65.33
DISCCART	731071.38	4054056.50	65.34	65.34
DISCCART	731071.38	4054081.50	65.30	65.30
DISCCART	731071.38	4054106.50	65.24	65.24
DISCCART	731071.38	4054131.50	65.24	65.24
DISCCART	731071.38	4054156.50	65.18	65.18
DISCCART	731071.38	4054181.50	65.16	65.16
DISCCART	731071.38	4054206.50	65.14	65.14
DISCCART	731071.38	4054231.50	65.14	65.14
DISCCART	731071.38	4054256.50	65.12	65.12
DISCCART	731071.38	4054281.50	65.09	65.09
DISCCART	731071.38	4054306.50	65.04	65.04
DISCCART	731071.38	4054331.50	65.04	65.04
DISCCART	731071.38	4054356.50	65.04	65.04
DISCCART	731071.38	4054381.50	65.04	65.04
DISCCART	731071.38	4054406.50	65.04	65.04
DISCCART	731071.38	4054431.50	65.04	65.04
DISCCART	731071.38	4054456.50	65.04	65.04
DISCCART	731071.38	4054481.50	65.04	65.04
DISCCART	731071.38	4054506.50	65.04	65.04
DISCCART	731071.38	4054531.50	65.04	65.04
DISCCART	731071.38	4054556.50	65.04	65.04
DISCCART	731071.38	4054581.50	65.04	65.04
DISCCART	731071.38	4054606.50	65.04	65.04
DISCCART	731071.38	4054631.50	65.04	65.04
DISCCART	731071.38	4054656.50	65.04	65.04
DISCCART	731071.38	4054681.50	65.04	65.04
DISCCART	731071.38	4054706.50	64.99	64.99
DISCCART	731071.38	4054731.50	64.99	64.99
DISCCART	731071.38	4054756.50	64.94	64.94
DISCCART	731071.38	4054781.50	64.94	64.94
DISCCART	731071.38	4054806.50	64.94	64.94
DISCCART	731071.38	4054831.50	64.84	64.84
DISCCART	731071.38	4054856.50	64.82	64.82
DISCCART	731071.38	4054881.50	64.68	64.68
DISCCART	731071.38	4054906.50	64.63	64.63
DISCCART	731071.38	4054931.50	64.54	64.54
DISCCART	731071.38	4054956.50	64.54	64.54
DISCCART	731071.38	4054981.50	64.49	64.49
DISCCART	731071.38	4055006.50	64.44	64.44
DISCCART	731071.38	4055031.50	64.44	64.44
DISCCART	731071.38	4055056.50	64.46	64.46
DISCCART	731071.38	4055081.50	64.45	64.45
DISCCART	731071.38	4055106.50	64.46	64.46
DISCCART	731071.38	4055131.50	64.48	64.48
DISCCART	731071.38	4055156.50	64.54	64.54
DISCCART	731071.38	4055181.50	64.54	64.54
DISCCART	731071.38	4055206.50	64.54	64.54
DISCCART	731071.38	4055231.50	64.54	64.54
DISCCART	731071.38	4055256.50	64.54	64.54
DISCCART	731071.38	4055281.50	64.54	64.54
DISCCART	731071.38	4055306.50	64.56	64.56
DISCCART	731071.38	4055331.50	64.62	64.62
DISCCART	731096.38	4052331.50	69.68	69.68
DISCCART	731096.38	4052356.50	69.61	69.61
DISCCART	731096.38	4052381.50	69.48	69.48
DISCCART	731096.38	4052406.50	69.44	69.44
DISCCART	731096.38	4052431.50	69.44	69.44
DISCCART	731096.38	4052456.50	69.34	69.34
DISCCART	731096.38	4052481.50	69.25	69.25
DISCCART	731096.38	4052506.50	69.15	69.15
DISCCART	731096.38	4052531.50	69.06	69.06
DISCCART	731096.38	4052556.50	68.95	68.95
DISCCART	731096.38	4052581.50	68.89	68.89
DISCCART	731096.38	4052606.50	68.83	68.83
DISCCART	731096.38	4052631.50	68.72	68.72
DISCCART	731096.38	4052656.50	68.64	68.64
DISCCART	731096.38	4052681.50	68.54	68.54
DISCCART	731096.38	4052706.50	68.45	68.45
DISCCART	731096.38	4052731.50	68.37	68.37
DISCCART	731096.38	4052756.50	68.30	68.30
DISCCART	731096.38	4052781.50	68.23	68.23
DISCCART	731096.38	4052806.50	68.14	68.14
DISCCART	731096.38	4052831.50	68.04	68.04
DISCCART	731096.38	4052856.50	67.96	67.96
DISCCART	731096.38	4052881.50	67.87	67.87
DISCCART	731096.38	4052906.50	67.82	67.82
DISCCART	731096.38	4052931.50	67.74	67.74
DISCCART	731096.38	4052956.50	67.64	67.64
DISCCART	731096.38	4052981.50	67.58	67.58

DISCCART	731096.38	4053006.50	67.54	67.54
DISCCART	731096.38	4053031.50	67.44	67.44
DISCCART	731096.38	4053056.50	67.35	67.35
DISCCART	731096.38	4053081.50	67.32	67.32
DISCCART	731096.38	4053106.50	67.24	67.24
DISCCART	731096.38	4053131.50	67.15	67.15
DISCCART	731096.38	4053156.50	67.10	67.10
DISCCART	731096.38	4053181.50	67.04	67.04
DISCCART	731096.38	4053206.50	66.96	66.96
DISCCART	731096.38	4053231.50	66.93	66.93
DISCCART	731096.38	4053256.50	66.84	66.84
DISCCART	731096.38	4053281.50	66.77	66.77
DISCCART	731096.38	4053306.50	66.74	66.74
DISCCART	731096.38	4053331.50	66.64	66.64
DISCCART	731096.38	4053356.50	66.61	66.61
DISCCART	731096.38	4053381.50	66.54	66.54
DISCCART	731096.38	4053406.50	66.46	66.46
DISCCART	731096.38	4053431.50	66.43	66.43
DISCCART	731096.38	4053456.50	66.34	66.34
DISCCART	731096.38	4053481.50	66.34	66.34
DISCCART	731096.38	4053506.50	66.26	66.26
DISCCART	731096.38	4053531.50	66.24	66.24
DISCCART	731096.38	4053556.50	66.21	66.21
DISCCART	731096.38	4053581.50	66.14	66.14
DISCCART	731096.38	4053606.50	66.14	66.14
DISCCART	731096.38	4053631.50	66.04	66.04
DISCCART	731096.38	4053656.50	66.04	66.04
DISCCART	731096.38	4053681.50	65.98	65.98
DISCCART	731096.38	4053706.50	65.94	65.94
DISCCART	731096.38	4053731.50	65.89	65.89
DISCCART	731096.38	4053756.50	65.84	65.84
DISCCART	731096.38	4053781.50	65.78	65.78
DISCCART	731096.38	4053806.50	65.74	65.74
DISCCART	731096.38	4053831.50	65.71	65.71
DISCCART	731096.38	4053856.50	65.64	65.64
DISCCART	731096.38	4053881.50	65.54	65.54
DISCCART	731096.38	4053906.50	65.44	65.44
DISCCART	731096.38	4053931.50	65.46	65.46
DISCCART	731096.38	4053956.50	65.35	65.35
DISCCART	731096.38	4053981.50	65.44	65.44
DISCCART	731096.38	4054006.50	65.32	65.32
DISCCART	731096.38	4054031.50	65.30	65.30
DISCCART	731096.38	4054056.50	65.25	65.25
DISCCART	731096.38	4054081.50	65.16	65.16
DISCCART	731096.38	4054106.50	65.21	65.21
DISCCART	731096.38	4054131.50	65.16	65.16
DISCCART	731096.38	4054156.50	65.14	65.14
DISCCART	731096.38	4054181.50	65.14	65.14
DISCCART	731096.38	4054206.50	65.10	65.10
DISCCART	731096.38	4054231.50	65.05	65.05
DISCCART	731096.38	4054256.50	65.04	65.04
DISCCART	731096.38	4054281.50	65.04	65.04
DISCCART	731096.38	4054306.50	65.03	65.03
DISCCART	731096.38	4054331.50	65.02	65.02
DISCCART	731096.38	4054356.50	65.02	65.02
DISCCART	731096.38	4054381.50	64.97	64.97
DISCCART	731096.38	4054406.50	64.96	64.96
DISCCART	731096.38	4054431.50	64.96	64.96
DISCCART	731096.38	4054456.50	64.96	64.96
DISCCART	731096.38	4054481.50	64.95	64.95
DISCCART	731096.38	4054506.50	64.95	64.95
DISCCART	731096.38	4054531.50	64.95	64.95
DISCCART	731096.38	4054556.50	64.95	64.95
DISCCART	731096.38	4054581.50	64.94	64.94
DISCCART	731096.38	4054606.50	64.94	64.94
DISCCART	731096.38	4054631.50	64.94	64.94
DISCCART	731096.38	4054656.50	64.94	64.94
DISCCART	731096.38	4054681.50	64.94	64.94
DISCCART	731096.38	4054706.50	64.94	64.94
DISCCART	731096.38	4054731.50	64.94	64.94
DISCCART	731096.38	4054756.50	64.94	64.94
DISCCART	731096.38	4054781.50	64.94	64.94
DISCCART	731096.38	4054806.50	64.94	64.94
DISCCART	731096.38	4054831.50	64.84	64.84
DISCCART	731096.38	4054856.50	64.82	64.82
DISCCART	731096.38	4054881.50	64.69	64.69
DISCCART	731096.38	4054906.50	64.61	64.61
DISCCART	731096.38	4054931.50	64.54	64.54
DISCCART	731096.38	4054956.50	64.46	64.46
DISCCART	731096.38	4054981.50	64.44	64.44
DISCCART	731096.38	4055006.50	64.44	64.44
DISCCART	731096.38	4055031.50	64.44	64.44
DISCCART	731096.38	4055056.50	64.44	64.44
DISCCART	731096.38	4055081.50	64.44	64.44
DISCCART	731096.38	4055106.50	64.44	64.44
DISCCART	731096.38	4055131.50	64.44	64.44
DISCCART	731096.38	4055156.50	64.44	64.44
DISCCART	731096.38	4055181.50	64.45	64.45
DISCCART	731096.38	4055206.50	64.45	64.45
DISCCART	731096.38	4055231.50	64.52	64.52
DISCCART	731096.38	4055256.50	64.52	64.52
DISCCART	731096.38	4055281.50	64.54	64.54
DISCCART	731096.38	4055306.50	64.54	64.54
DISCCART	731096.38	4055331.50	64.54	64.54
DISCCART	731121.38	4052331.50	69.58	69.58
DISCCART	731121.38	4052356.50	69.55	69.55
DISCCART	731121.38	4052381.50	69.47	69.47
DISCCART	731121.38	4052406.50	69.40	69.40
DISCCART	731121.38	4052431.50	69.34	69.34
DISCCART	731121.38	4052456.50	69.28	69.28
DISCCART	731121.38	4052481.50	69.20	69.20
DISCCART	731121.38	4052506.50	69.11	69.11
DISCCART	731121.38	4052531.50	69.04	69.04
DISCCART	731121.38	4052556.50	68.93	68.93
DISCCART	731121.38	4052581.50	68.84	68.84
DISCCART	731121.38	4052606.50	68.74	68.74
DISCCART	731121.38	4052631.50	68.64	68.64
DISCCART	731121.38	4052656.50	68.55	68.55
DISCCART	731121.38	4052681.50	68.49	68.49
DISCCART	731121.38	4052706.50	68.40	68.40
DISCCART	731121.38	4052731.50	68.33	68.33
DISCCART	731121.38	4052756.50	68.24	68.24
DISCCART	731121.38	4052781.50	68.14	68.14
DISCCART	731121.38	4052806.50	68.08	68.08
DISCCART	731121.38	4052831.50	68.00	68.00
DISCCART	731121.38	4052856.50	67.93	67.93
DISCCART	731121.38	4052881.50	67.84	67.84

DISCCART	731121.38	4052906.50	67.74	67.74
DISCCART	731121.38	4052931.50	67.68	67.68
DISCCART	731121.38	4052956.50	67.63	67.63
DISCCART	731121.38	4052981.50	67.54	67.54
DISCCART	731121.38	4053006.50	67.44	67.44
DISCCART	731121.38	4053031.50	67.41	67.41
DISCCART	731121.38	4053056.50	67.33	67.33
DISCCART	731121.38	4053081.50	67.24	67.24
DISCCART	731121.38	4053106.50	67.18	67.18
DISCCART	731121.38	4053131.50	67.10	67.10
DISCCART	731121.38	4053156.50	67.04	67.04
DISCCART	731121.38	4053181.50	66.95	66.95
DISCCART	731121.38	4053206.50	66.92	66.92
DISCCART	731121.38	4053231.50	66.84	66.84
DISCCART	731121.38	4053256.50	66.77	66.77
DISCCART	731121.38	4053281.50	66.74	66.74
DISCCART	731121.38	4053306.50	66.64	66.64
DISCCART	731121.38	4053331.50	66.60	66.60
DISCCART	731121.38	4053356.50	66.54	66.54
DISCCART	731121.38	4053381.50	66.50	66.50
DISCCART	731121.38	4053406.50	66.44	66.44
DISCCART	731121.38	4053431.50	66.36	66.36
DISCCART	731121.38	4053456.50	66.34	66.34
DISCCART	731121.38	4053481.50	66.30	66.30
DISCCART	731121.38	4053506.50	66.24	66.24
DISCCART	731121.38	4053531.50	66.24	66.24
DISCCART	731121.38	4053556.50	66.15	66.15
DISCCART	731121.38	4053581.50	66.14	66.14
DISCCART	731121.38	4053606.50	66.07	66.07
DISCCART	731121.38	4053631.50	66.04	66.04
DISCCART	731121.38	4053656.50	66.03	66.03
DISCCART	731121.38	4053681.50	65.94	65.94
DISCCART	731121.38	4053706.50	65.94	65.94
DISCCART	731121.38	4053731.50	65.84	65.84
DISCCART	731121.38	4053756.50	65.83	65.83
DISCCART	731121.38	4053781.50	65.74	65.74
DISCCART	731121.38	4053806.50	65.66	65.66
DISCCART	731121.38	4053831.50	65.58	65.58
DISCCART	731121.38	4053856.50	65.54	65.54
DISCCART	731121.38	4053881.50	65.50	65.50
DISCCART	731121.38	4053906.50	65.40	65.40
DISCCART	731121.38	4053931.50	65.34	65.34
DISCCART	731121.38	4053956.50	65.31	65.31
DISCCART	731121.38	4053981.50	65.23	65.23
DISCCART	731121.38	4054006.50	65.31	65.31
DISCCART	731121.38	4054031.50	65.20	65.20
DISCCART	731121.38	4054056.50	65.22	65.22
DISCCART	731121.38	4054081.50	65.14	65.14
DISCCART	731121.38	4054106.50	65.14	65.14
DISCCART	731121.38	4054131.50	65.14	65.14
DISCCART	731121.38	4054156.50	65.09	65.09
DISCCART	731121.38	4054181.50	65.04	65.04
DISCCART	731121.38	4054206.50	65.04	65.04
DISCCART	731121.38	4054231.50	65.04	65.04
DISCCART	731121.38	4054256.50	64.97	64.97
DISCCART	731121.38	4054281.50	64.94	64.94
DISCCART	731121.38	4054306.50	64.94	64.94
DISCCART	731121.38	4054331.50	64.94	64.94
DISCCART	731121.38	4054356.50	64.94	64.94
DISCCART	731121.38	4054381.50	64.94	64.94
DISCCART	731121.38	4054406.50	64.94	64.94
DISCCART	731121.38	4054431.50	64.94	64.94
DISCCART	731121.38	4054456.50	64.94	64.94
DISCCART	731121.38	4054481.50	64.94	64.94
DISCCART	731121.38	4054506.50	64.94	64.94
DISCCART	731121.38	4054531.50	64.94	64.94
DISCCART	731121.38	4054556.50	64.94	64.94
DISCCART	731121.38	4054581.50	64.94	64.94
DISCCART	731121.38	4054606.50	64.94	64.94
DISCCART	731121.38	4054631.50	64.94	64.94
DISCCART	731121.38	4054656.50	64.94	64.94
DISCCART	731121.38	4054681.50	64.94	64.94
DISCCART	731121.38	4054706.50	64.94	64.94
DISCCART	731121.38	4054731.50	64.94	64.94
DISCCART	731121.38	4054756.50	64.93	64.93
DISCCART	731121.38	4054781.50	64.88	64.88
DISCCART	731121.38	4054806.50	64.88	64.88
DISCCART	731121.38	4054831.50	64.84	64.84
DISCCART	731121.38	4054856.50	64.81	64.81
DISCCART	731121.38	4054881.50	64.68	64.68
DISCCART	731121.38	4054906.50	64.60	64.60
DISCCART	731121.38	4054931.50	64.54	64.54
DISCCART	731121.38	4054956.50	64.45	64.45
DISCCART	731121.38	4054981.50	64.44	64.44
DISCCART	731121.38	4055006.50	64.44	64.44
DISCCART	731121.38	4055031.50	64.39	64.39
DISCCART	731121.38	4055056.50	64.34	64.34
DISCCART	731121.38	4055081.50	64.34	64.34
DISCCART	731121.38	4055106.50	64.38	64.38
DISCCART	731121.38	4055131.50	64.44	64.44
DISCCART	731121.38	4055156.50	64.44	64.44
DISCCART	731121.38	4055181.50	64.44	64.44
DISCCART	731121.38	4055206.50	64.44	64.44
DISCCART	731121.38	4055231.50	64.44	64.44
DISCCART	731121.38	4055256.50	64.44	64.44
DISCCART	731121.38	4055281.50	64.44	64.44
DISCCART	731121.38	4055306.50	64.48	64.48
DISCCART	731121.38	4055331.50	64.54	64.54
DISCCART	731146.38	4052331.50	69.45	69.45
DISCCART	731146.38	4052356.50	69.45	69.45
DISCCART	731146.38	4052381.50	69.44	69.44
DISCCART	731146.38	4052406.50	69.40	69.40
DISCCART	731146.38	4052431.50	69.26	69.26
DISCCART	731146.38	4052456.50	69.21	69.21
DISCCART	731146.38	4052481.50	69.14	69.14
DISCCART	731146.38	4052506.50	69.04	69.04
DISCCART	731146.38	4052531.50	68.97	68.97
DISCCART	731146.38	4052556.50	68.90	68.90
DISCCART	731146.38	4052581.50	68.79	68.79
DISCCART	731146.38	4052606.50	68.70	68.70
DISCCART	731146.38	4052631.50	68.62	68.62
DISCCART	731146.38	4052656.50	68.54	68.54
DISCCART	731146.38	4052681.50	68.44	68.44
DISCCART	731146.38	4052706.50	68.36	68.36
DISCCART	731146.38	4052731.50	68.27	68.27
DISCCART	731146.38	4052756.50	68.19	68.19
DISCCART	731146.38	4052781.50	68.13	68.13

DISCCART	731146.38	4052806.50	68.04	68.04
DISCCART	731146.38	4052831.50	67.94	67.94
DISCCART	731146.38	4052856.50	67.85	67.85
DISCCART	731146.38	4052881.50	67.78	67.78
DISCCART	731146.38	4052906.50	67.73	67.73
DISCCART	731146.38	4052931.50	67.64	67.64
DISCCART	731146.38	4052956.50	67.54	67.54
DISCCART	731146.38	4052981.50	67.48	67.48
DISCCART	731146.38	4053006.50	67.41	67.41
DISCCART	731146.38	4053031.50	67.34	67.34
DISCCART	731146.38	4053056.50	67.26	67.26
DISCCART	731146.38	4053081.50	67.18	67.18
DISCCART	731146.38	4053106.50	67.14	67.14
DISCCART	731146.38	4053131.50	67.05	67.05
DISCCART	731146.38	4053156.50	66.96	66.96
DISCCART	731146.38	4053181.50	66.93	66.93
DISCCART	731146.38	4053206.50	66.84	66.84
DISCCART	731146.38	4053231.50	66.77	66.77
DISCCART	731146.38	4053256.50	66.74	66.74
DISCCART	731146.38	4053281.50	66.64	66.64
DISCCART	731146.38	4053306.50	66.61	66.61
DISCCART	731146.38	4053331.50	66.54	66.54
DISCCART	731146.38	4053356.50	66.45	66.45
DISCCART	731146.38	4053381.50	66.44	66.44
DISCCART	731146.38	4053406.50	66.36	66.36
DISCCART	731146.38	4053431.50	66.34	66.34
DISCCART	731146.38	4053456.50	66.30	66.30
DISCCART	731146.38	4053481.50	66.24	66.24
DISCCART	731146.38	4053506.50	66.24	66.24
DISCCART	731146.38	4053531.50	66.16	66.16
DISCCART	731146.38	4053556.50	66.14	66.14
DISCCART	731146.38	4053581.50	66.13	66.13
DISCCART	731146.38	4053606.50	66.04	66.04
DISCCART	731146.38	4053631.50	66.03	66.03
DISCCART	731146.38	4053656.50	65.94	65.94
DISCCART	731146.38	4053681.50	65.94	65.94
DISCCART	731146.38	4053706.50	65.85	65.85
DISCCART	731146.38	4053731.50	65.84	65.84
DISCCART	731146.38	4053756.50	65.76	65.76
DISCCART	731146.38	4053781.50	65.72	65.72
DISCCART	731146.38	4053806.50	65.65	65.65
DISCCART	731146.38	4053831.50	65.55	65.55
DISCCART	731146.38	4053856.50	65.46	65.46
DISCCART	731146.38	4053881.50	65.36	65.36
DISCCART	731146.38	4053906.50	65.34	65.34
DISCCART	731146.38	4053931.50	65.26	65.26
DISCCART	731146.38	4053956.50	65.15	65.15
DISCCART	731146.38	4053981.50	65.15	65.15
DISCCART	731146.38	4054006.50	65.14	65.14
DISCCART	731146.38	4054031.50	65.12	65.12
DISCCART	731146.38	4054056.50	65.05	65.05
DISCCART	731146.38	4054081.50	65.09	65.09
DISCCART	731146.38	4054106.50	65.06	65.06
DISCCART	731146.38	4054131.50	65.04	65.04
DISCCART	731146.38	4054156.50	65.04	65.04
DISCCART	731146.38	4054181.50	65.03	65.03
DISCCART	731146.38	4054206.50	64.96	64.96
DISCCART	731146.38	4054231.50	64.94	64.94
DISCCART	731146.38	4054256.50	64.94	64.94
DISCCART	731146.38	4054281.50	64.93	64.93
DISCCART	731146.38	4054306.50	64.86	64.86
DISCCART	731146.38	4054331.50	64.86	64.86
DISCCART	731146.38	4054356.50	64.86	64.86
DISCCART	731146.38	4054381.50	64.86	64.86
DISCCART	731146.38	4054406.50	64.86	64.86
DISCCART	731146.38	4054431.50	64.86	64.86
DISCCART	731146.38	4054456.50	64.86	64.86
DISCCART	731146.38	4054481.50	64.85	64.85
DISCCART	731146.38	4054506.50	64.85	64.85
DISCCART	731146.38	4054531.50	64.84	64.84
DISCCART	731146.38	4054556.50	64.84	64.84
DISCCART	731146.38	4054581.50	64.84	64.84
DISCCART	731146.38	4054606.50	64.84	64.84
DISCCART	731146.38	4054631.50	64.84	64.84
DISCCART	731146.38	4054656.50	64.84	64.84
DISCCART	731146.38	4054681.50	64.84	64.84
DISCCART	731146.38	4054706.50	64.84	64.84
DISCCART	731146.38	4054731.50	64.84	64.84
DISCCART	731146.38	4054756.50	64.84	64.84
DISCCART	731146.38	4054781.50	64.84	64.84
DISCCART	731146.38	4054806.50	64.84	64.84
DISCCART	731146.38	4054831.50	64.84	64.84
DISCCART	731146.38	4054856.50	64.81	64.81
DISCCART	731146.38	4054881.50	64.68	64.68
DISCCART	731146.38	4054906.50	64.60	64.60
DISCCART	731146.38	4054931.50	64.54	64.54
DISCCART	731146.38	4054956.50	64.44	64.44
DISCCART	731146.38	4054981.50	64.44	64.44
DISCCART	731146.38	4055006.50	64.34	64.34
DISCCART	731146.38	4055031.50	64.34	64.34
DISCCART	731146.38	4055056.50	64.34	64.34
DISCCART	731146.38	4055081.50	64.34	64.34
DISCCART	731146.38	4055106.50	64.34	64.34
DISCCART	731146.38	4055131.50	64.34	64.34
DISCCART	731146.38	4055156.50	64.34	64.34
DISCCART	731146.38	4055181.50	64.35	64.35
DISCCART	731146.38	4055206.50	64.35	64.35
DISCCART	731146.38	4055231.50	64.36	64.36
DISCCART	731146.38	4055256.50	64.43	64.43
DISCCART	731146.38	4055281.50	64.44	64.44
DISCCART	731146.38	4055306.50	64.44	64.44
DISCCART	731146.38	4055331.50	64.44	64.44
DISCCART	731171.38	4052331.50	69.44	69.44
DISCCART	731171.38	4052356.50	69.42	69.42
DISCCART	731171.38	4052381.50	69.35	69.35
DISCCART	731171.38	4052406.50	69.32	69.32
DISCCART	731171.38	4052431.50	69.24	69.24
DISCCART	731171.38	4052456.50	69.14	69.14
DISCCART	731171.38	4052481.50	69.07	69.07
DISCCART	731171.38	4052506.50	69.02	69.02
DISCCART	731171.38	4052531.50	68.90	68.90
DISCCART	731171.38	4052556.50	68.83	68.83
DISCCART	731171.38	4052581.50	68.70	68.70
DISCCART	731171.38	4052606.50	68.62	68.62
DISCCART	731171.38	4052631.50	68.53	68.53
DISCCART	731171.38	4052656.50	68.45	68.45
DISCCART	731171.38	4052681.50	68.35	68.35

DISCCART	731171.38	4052706.50	68.27	68.27
DISCCART	731171.38	4052731.50	68.20	68.20
DISCCART	731171.38	4052756.50	68.14	68.14
DISCCART	731171.38	4052781.50	68.04	68.04
DISCCART	731171.38	4052806.50	67.95	67.95
DISCCART	731171.38	4052831.50	67.90	67.90
DISCCART	731171.38	4052856.50	67.83	67.83
DISCCART	731171.38	4052881.50	67.74	67.74
DISCCART	731171.38	4052906.50	67.64	67.64
DISCCART	731171.38	4052931.50	67.59	67.59
DISCCART	731171.38	4052956.50	67.53	67.53
DISCCART	731171.38	4052981.50	67.44	67.44
DISCCART	731171.38	4053006.50	67.35	67.35
DISCCART	731171.38	4053031.50	67.28	67.28
DISCCART	731171.38	4053056.50	67.22	67.22
DISCCART	731171.38	4053081.50	67.14	67.14
DISCCART	731171.38	4053106.50	67.05	67.05
DISCCART	731171.38	4053131.50	67.00	67.00
DISCCART	731171.38	4053156.50	66.92	66.92
DISCCART	731171.38	4053181.50	66.84	66.84
DISCCART	731171.38	4053206.50	66.77	66.77
DISCCART	731171.38	4053231.50	66.74	66.74
DISCCART	731171.38	4053256.50	66.64	66.64
DISCCART	731171.38	4053281.50	66.60	66.60
DISCCART	731171.38	4053306.50	66.54	66.54
DISCCART	731171.38	4053331.50	66.46	66.46
DISCCART	731171.38	4053356.50	66.44	66.44
DISCCART	731171.38	4053381.50	66.36	66.36
DISCCART	731171.38	4053406.50	66.34	66.34
DISCCART	731171.38	4053431.50	66.30	66.30
DISCCART	731171.38	4053456.50	66.24	66.24
DISCCART	731171.38	4053481.50	66.24	66.24
DISCCART	731171.38	4053506.50	66.15	66.15
DISCCART	731171.38	4053531.50	66.14	66.14
DISCCART	731171.38	4053556.50	66.12	66.12
DISCCART	731171.38	4053581.50	66.04	66.04
DISCCART	731171.38	4053606.50	66.04	66.04
DISCCART	731171.38	4053631.50	65.94	65.94
DISCCART	731171.38	4053656.50	65.94	65.94
DISCCART	731171.38	4053681.50	65.86	65.86
DISCCART	731171.38	4053706.50	65.84	65.84
DISCCART	731171.38	4053731.50	65.76	65.76
DISCCART	731171.38	4053756.50	65.74	65.74
DISCCART	731171.38	4053781.50	65.66	65.66
DISCCART	731171.38	4053806.50	65.60	65.60
DISCCART	731171.38	4053831.50	65.54	65.54
DISCCART	731171.38	4053856.50	65.44	65.44
DISCCART	731171.38	4053881.50	65.34	65.34
DISCCART	731171.38	4053906.50	65.24	65.24
DISCCART	731171.38	4053931.50	65.16	65.16
DISCCART	731171.38	4053956.50	65.13	65.13
DISCCART	731171.38	4053981.50	65.04	65.04
DISCCART	731171.38	4054006.50	64.99	64.99
DISCCART	731171.38	4054031.50	64.99	64.99
DISCCART	731171.38	4054056.50	65.00	65.00
DISCCART	731171.38	4054081.50	65.04	65.04
DISCCART	731171.38	4054106.50	65.04	65.04
DISCCART	731171.38	4054131.50	65.04	65.04
DISCCART	731171.38	4054156.50	64.97	64.97
DISCCART	731171.38	4054181.50	64.94	64.94
DISCCART	731171.38	4054206.50	64.94	64.94
DISCCART	731171.38	4054231.50	64.90	64.90
DISCCART	731171.38	4054256.50	64.84	64.84
DISCCART	731171.38	4054281.50	64.84	64.84
DISCCART	731171.38	4054306.50	64.84	64.84
DISCCART	731171.38	4054331.50	64.84	64.84
DISCCART	731171.38	4054356.50	64.84	64.84
DISCCART	731171.38	4054381.50	64.84	64.84
DISCCART	731171.38	4054406.50	64.84	64.84
DISCCART	731171.38	4054431.50	64.84	64.84
DISCCART	731171.38	4054456.50	64.84	64.84
DISCCART	731171.38	4054481.50	64.84	64.84
DISCCART	731171.38	4054506.50	64.78	64.78
DISCCART	731171.38	4054531.50	64.78	64.78
DISCCART	731171.38	4054556.50	64.79	64.79
DISCCART	731171.38	4054581.50	64.79	64.79
DISCCART	731171.38	4054606.50	64.79	64.79
DISCCART	731171.38	4054631.50	64.79	64.79
DISCCART	731171.38	4054656.50	64.79	64.79
DISCCART	731171.38	4054681.50	64.79	64.79
DISCCART	731171.38	4054706.50	64.79	64.79
DISCCART	731171.38	4054731.50	64.78	64.78
DISCCART	731171.38	4054756.50	64.78	64.78
DISCCART	731171.38	4054781.50	64.78	64.78
DISCCART	731171.38	4054806.50	64.75	64.75
DISCCART	731171.38	4054831.50	64.74	64.74
DISCCART	731171.38	4054856.50	64.74	64.74
DISCCART	731171.38	4054881.50	64.68	64.68
DISCCART	731171.38	4054906.50	64.60	64.60
DISCCART	731171.38	4054931.50	64.54	64.54
DISCCART	731171.38	4054956.50	64.44	64.44
DISCCART	731171.38	4054981.50	64.36	64.36
DISCCART	731171.38	4055006.50	64.34	64.34
DISCCART	731171.38	4055031.50	64.30	64.30
DISCCART	731171.38	4055056.50	64.28	64.28
DISCCART	731171.38	4055081.50	64.32	64.32
DISCCART	731171.38	4055106.50	64.34	64.34
DISCCART	731171.38	4055131.50	64.34	64.34
DISCCART	731171.38	4055156.50	64.34	64.34
DISCCART	731171.38	4055181.50	64.34	64.34
DISCCART	731171.38	4055206.50	64.34	64.34
DISCCART	731171.38	4055231.50	64.34	64.34
DISCCART	731171.38	4055256.50	64.34	64.34
DISCCART	731171.38	4055281.50	64.37	64.37
DISCCART	731171.38	4055306.50	64.44	64.44
DISCCART	731171.38	4055331.50	64.44	64.44
DISCCART	731196.38	4052331.50	69.46	69.46
DISCCART	731196.38	4052356.50	69.45	69.45
DISCCART	731196.38	4052381.50	69.36	69.36
DISCCART	731196.38	4052406.50	69.25	69.25
DISCCART	731196.38	4052431.50	69.16	69.16
DISCCART	731196.38	4052456.50	69.12	69.12
DISCCART	731196.38	4052481.50	69.04	69.04
DISCCART	731196.38	4052506.50	68.94	68.94
DISCCART	731196.38	4052531.50	68.87	68.87
DISCCART	731196.38	4052556.50	68.76	68.76
DISCCART	731196.38	4052581.50	68.67	68.67

DISCCART	731196.38	4052606.50	68.60	68.60
DISCCART	731196.38	4052631.50	68.53	68.53
DISCCART	731196.38	4052656.50	68.44	68.44
DISCCART	731196.38	4052681.50	68.34	68.34
DISCCART	731196.38	4052706.50	68.25	68.25
DISCCART	731196.38	4052731.50	68.16	68.16
DISCCART	731196.38	4052756.50	68.10	68.10
DISCCART	731196.38	4052781.50	68.03	68.03
DISCCART	731196.38	4052806.50	67.94	67.94
DISCCART	731196.38	4052831.50	67.84	67.84
DISCCART	731196.38	4052856.50	67.75	67.75
DISCCART	731196.38	4052881.50	67.68	67.68
DISCCART	731196.38	4052906.50	67.63	67.63
DISCCART	731196.38	4052931.50	67.54	67.54
DISCCART	731196.38	4052956.50	67.45	67.45
DISCCART	731196.38	4052981.50	67.38	67.38
DISCCART	731196.38	4053006.50	67.30	67.30
DISCCART	731196.38	4053031.50	67.24	67.24
DISCCART	731196.38	4053056.50	67.15	67.15
DISCCART	731196.38	4053081.50	67.07	67.07
DISCCART	731196.38	4053106.50	67.01	67.01
DISCCART	731196.38	4053131.50	66.94	66.94
DISCCART	731196.38	4053156.50	66.85	66.85
DISCCART	731196.38	4053181.50	66.78	66.78
DISCCART	731196.38	4053206.50	66.74	66.74
DISCCART	731196.38	4053231.50	66.65	66.65
DISCCART	731196.38	4053256.50	66.61	66.61
DISCCART	731196.38	4053281.50	66.54	66.54
DISCCART	731196.38	4053306.50	66.45	66.45
DISCCART	731196.38	4053331.50	66.43	66.43
DISCCART	731196.38	4053356.50	66.34	66.34
DISCCART	731196.38	4053381.50	66.34	66.34
DISCCART	731196.38	4053406.50	66.30	66.30
DISCCART	731196.38	4053431.50	66.24	66.24
DISCCART	731196.38	4053456.50	66.23	66.23
DISCCART	731196.38	4053481.50	66.17	66.17
DISCCART	731196.38	4053506.50	66.14	66.14
DISCCART	731196.38	4053531.50	66.12	66.12
DISCCART	731196.38	4053556.50	66.04	66.04
DISCCART	731196.38	4053581.50	66.03	66.03
DISCCART	731196.38	4053606.50	65.94	65.94
DISCCART	731196.38	4053631.50	65.94	65.94
DISCCART	731196.38	4053656.50	65.91	65.91
DISCCART	731196.38	4053681.50	65.84	65.84
DISCCART	731196.38	4053706.50	65.80	65.80
DISCCART	731196.38	4053731.50	65.73	65.73
DISCCART	731196.38	4053756.50	65.70	65.70
DISCCART	731196.38	4053781.50	65.62	65.62
DISCCART	731196.38	4053806.50	65.53	65.53
DISCCART	731196.38	4053831.50	65.46	65.46
DISCCART	731196.38	4053856.50	65.40	65.40
DISCCART	731196.38	4053881.50	65.33	65.33
DISCCART	731196.38	4053906.50	65.24	65.24
DISCCART	731196.38	4053931.50	65.17	65.17
DISCCART	731196.38	4053956.50	65.05	65.05
DISCCART	731196.38	4053981.50	64.97	64.97
DISCCART	731196.38	4054006.50	64.91	64.91
DISCCART	731196.38	4054031.50	64.86	64.86
DISCCART	731196.38	4054056.50	64.94	64.94
DISCCART	731196.38	4054081.50	65.00	65.00
DISCCART	731196.38	4054106.50	64.97	64.97
DISCCART	731196.38	4054131.50	64.94	64.94
DISCCART	731196.38	4054156.50	64.94	64.94
DISCCART	731196.38	4054181.50	64.93	64.93
DISCCART	731196.38	4054206.50	64.85	64.85
DISCCART	731196.38	4054231.50	64.84	64.84
DISCCART	731196.38	4054256.50	64.83	64.83
DISCCART	731196.38	4054281.50	64.75	64.75
DISCCART	731196.38	4054306.50	64.74	64.74
DISCCART	731196.38	4054331.50	64.74	64.74
DISCCART	731196.38	4054356.50	64.74	64.74
DISCCART	731196.38	4054381.50	64.74	64.74
DISCCART	731196.38	4054406.50	64.74	64.74
DISCCART	731196.38	4054431.50	64.74	64.74
DISCCART	731196.38	4054456.50	64.74	64.74
DISCCART	731196.38	4054481.50	64.74	64.74
DISCCART	731196.38	4054506.50	64.74	64.74
DISCCART	731196.38	4054531.50	64.74	64.74
DISCCART	731196.38	4054781.50	64.72	64.72
DISCCART	731196.38	4054806.50	64.73	64.73
DISCCART	731196.38	4054831.50	64.73	64.73
DISCCART	731196.38	4054856.50	64.66	64.66
DISCCART	731196.38	4054881.50	64.64	64.64
DISCCART	731196.38	4054906.50	64.60	64.60
DISCCART	731196.38	4054931.50	64.53	64.53
DISCCART	731196.38	4054956.50	64.44	64.44
DISCCART	731196.38	4054981.50	64.34	64.34
DISCCART	731196.38	4055006.50	64.33	64.33
DISCCART	731196.38	4055031.50	64.24	64.24
DISCCART	731196.38	4055056.50	64.24	64.24
DISCCART	731196.38	4055081.50	64.24	64.24
DISCCART	731196.38	4055106.50	64.24	64.24
DISCCART	731196.38	4055131.50	64.24	64.24
DISCCART	731196.38	4055156.50	64.25	64.25
DISCCART	731196.38	4055181.50	64.24	64.24
DISCCART	731196.38	4055206.50	64.25	64.25
DISCCART	731196.38	4055231.50	64.32	64.32
DISCCART	731196.38	4055256.50	64.34	64.34
DISCCART	731196.38	4055281.50	64.34	64.34
DISCCART	731196.38	4055306.50	64.38	64.38
DISCCART	731196.38	4055331.50	64.44	64.44
DISCCART	731221.38	4052331.50	69.54	69.54
DISCCART	731221.38	4052356.50	69.45	69.45
DISCCART	731221.38	4052381.50	69.34	69.34
DISCCART	731221.38	4052406.50	69.24	69.24
DISCCART	731221.38	4052431.50	69.14	69.14
DISCCART	731221.38	4052456.50	69.04	69.04
DISCCART	731221.38	4052481.50	69.00	69.00
DISCCART	731221.38	4052506.50	68.92	68.92
DISCCART	731221.38	4052531.50	68.84	68.84
DISCCART	731221.38	4052556.50	68.73	68.73
DISCCART	731221.38	4052581.50	68.64	68.64
DISCCART	731221.38	4052606.50	68.55	68.55
DISCCART	731221.38	4052631.50	68.45	68.45
DISCCART	731221.38	4052656.50	68.37	68.37
DISCCART	731221.38	4052681.50	68.30	68.30
DISCCART	731221.38	4052706.50	68.20	68.20

DISCCART	731221.38	4052731.50	68.14	68.14
DISCCART	731221.38	4052756.50	68.04	68.04
DISCCART	731221.38	4052781.50	67.94	67.94
DISCCART	731221.38	4052806.50	67.84	67.84
DISCCART	731221.38	4052831.50	67.80	67.80
DISCCART	731221.38	4052856.50	67.73	67.73
DISCCART	731221.38	4052881.50	67.64	67.64
DISCCART	731221.38	4052906.50	67.55	67.55
DISCCART	731221.38	4052931.50	67.46	67.46
DISCCART	731221.38	4052956.50	67.41	67.41
DISCCART	731221.38	4052981.50	67.34	67.34
DISCCART	731221.38	4053006.50	67.25	67.25
DISCCART	731221.38	4053031.50	67.15	67.15
DISCCART	731221.38	4053056.50	67.10	67.10
DISCCART	731221.38	4053081.50	67.04	67.04
DISCCART	731221.38	4053106.50	66.94	66.94
DISCCART	731221.38	4053131.50	66.85	66.85
DISCCART	731221.38	4053156.50	66.83	66.83
DISCCART	731221.38	4053181.50	66.74	66.74
DISCCART	731221.38	4053206.50	66.64	66.64
DISCCART	731221.38	4053231.50	66.60	66.60
DISCCART	731221.38	4053256.50	66.54	66.54
DISCCART	731221.38	4053281.50	66.45	66.45
DISCCART	731221.38	4053306.50	66.43	66.43
DISCCART	731221.38	4053331.50	66.34	66.34
DISCCART	731221.38	4053356.50	66.34	66.34
DISCCART	731221.38	4053381.50	66.30	66.30
DISCCART	731221.38	4053406.50	66.24	66.24
DISCCART	731221.38	4053431.50	66.24	66.24
DISCCART	731221.38	4053456.50	66.15	66.15
DISCCART	731221.38	4053481.50	66.14	66.14
DISCCART	731221.38	4053506.50	66.13	66.13
DISCCART	731221.38	4053531.50	66.04	66.04
DISCCART	731221.38	4053556.50	66.04	66.04
DISCCART	731221.38	4053581.50	65.96	65.96
DISCCART	731221.38	4053606.50	65.94	65.94
DISCCART	731221.38	4053631.50	65.88	65.88
DISCCART	731221.38	4053656.50	65.84	65.84
DISCCART	731221.38	4053681.50	65.81	65.81
DISCCART	731221.38	4053706.50	65.74	65.74
DISCCART	731221.38	4053731.50	65.66	65.66
DISCCART	731221.38	4053756.50	65.60	65.60
DISCCART	731221.38	4053781.50	65.54	65.54
DISCCART	731221.38	4053956.50	65.04	65.04
DISCCART	731221.38	4053981.50	64.94	64.94
DISCCART	731221.38	4054006.50	64.85	64.85
DISCCART	731221.38	4054031.50	64.84	64.84
DISCCART	731221.38	4054056.50	64.93	64.93
DISCCART	731221.38	4054781.50	64.64	64.64
DISCCART	731221.38	4054806.50	64.64	64.64
DISCCART	731221.38	4054831.50	64.64	64.64
DISCCART	731221.38	4054856.50	64.64	64.64
DISCCART	731221.38	4054881.50	64.55	64.55
DISCCART	731221.38	4054906.50	64.54	64.54
DISCCART	731221.38	4054931.50	64.47	64.47
DISCCART	731221.38	4054956.50	64.43	64.43
DISCCART	731221.38	4054981.50	64.34	64.34
DISCCART	731221.38	4055006.50	64.24	64.24
DISCCART	731221.38	4055031.50	64.24	64.24
DISCCART	731221.38	4055056.50	64.24	64.24
DISCCART	731221.38	4055081.50	64.24	64.24
DISCCART	731221.38	4055106.50	64.24	64.24
DISCCART	731221.38	4055131.50	64.21	64.21
DISCCART	731221.38	4055156.50	64.24	64.24
DISCCART	731221.38	4055181.50	64.24	64.24
DISCCART	731221.38	4055206.50	64.24	64.24
DISCCART	731221.38	4055231.50	64.25	64.25
DISCCART	731221.38	4055256.50	64.34	64.34
DISCCART	731221.38	4055281.50	64.34	64.34
DISCCART	731221.38	4055306.50	64.34	64.34
DISCCART	731221.38	4055331.50	64.34	64.34
DISCCART	731246.38	4052331.50	69.54	69.54
DISCCART	731246.38	4052356.50	69.41	69.41
DISCCART	731246.38	4052381.50	69.33	69.33
DISCCART	731246.38	4052406.50	69.22	69.22
DISCCART	731246.38	4052431.50	69.13	69.13
DISCCART	731246.38	4052456.50	69.04	69.04
DISCCART	731246.38	4052481.50	68.93	68.93
DISCCART	731246.38	4052506.50	68.84	68.84
DISCCART	731246.38	4052531.50	68.77	68.77
DISCCART	731246.38	4052556.50	68.65	68.65
DISCCART	731246.38	4052581.50	68.58	68.58
DISCCART	731246.38	4052606.50	68.51	68.51
DISCCART	731246.38	4052631.50	68.44	68.44
DISCCART	731246.38	4052656.50	68.34	68.34
DISCCART	731246.38	4052681.50	68.24	68.24
DISCCART	731246.38	4052706.50	68.15	68.15
DISCCART	731246.38	4052731.50	68.06	68.06
DISCCART	731246.38	4052756.50	67.95	67.95
DISCCART	731246.38	4052781.50	67.88	67.88
DISCCART	731246.38	4052806.50	67.84	67.84
DISCCART	731246.38	4052831.50	67.74	67.74
DISCCART	731246.38	4052856.50	67.64	67.64
DISCCART	731246.38	4052881.50	67.58	67.58
DISCCART	731246.38	4052906.50	67.50	67.50
DISCCART	731246.38	4052931.50	67.43	67.43
DISCCART	731246.38	4052956.50	67.34	67.34
DISCCART	731246.38	4052981.50	67.27	67.27
DISCCART	731246.38	4053006.50	67.20	67.20
DISCCART	731246.38	4053031.50	67.13	67.13
DISCCART	731246.38	4053056.50	67.04	67.04
DISCCART	731246.38	4053081.50	66.94	66.94
DISCCART	731246.38	4053106.50	66.90	66.90
DISCCART	731246.38	4053131.50	66.82	66.82
DISCCART	731246.38	4053156.50	66.74	66.74
DISCCART	731246.38	4053181.50	66.68	66.68
DISCCART	731246.38	4053956.50	65.02	65.02
DISCCART	731246.38	4053981.50	64.94	64.94
DISCCART	731246.38	4054006.50	64.85	64.85
DISCCART	731246.38	4054031.50	64.84	64.84
DISCCART	731246.38	4054056.50	64.93	64.93
DISCCART	731246.38	4054781.50	64.54	64.54
DISCCART	731246.38	4054806.50	64.54	64.54
DISCCART	731246.38	4054831.50	64.54	64.54
DISCCART	731246.38	4054856.50	64.53	64.53
DISCCART	731246.38	4054881.50	64.45	64.45
DISCCART	731246.38	4054906.50	64.50	64.50

DISCCART	731246.38	4054931.50	64.45	64.45
DISCCART	731246.38	4054956.50	64.43	64.43
DISCCART	731246.38	4054981.50	64.32	64.32
DISCCART	731246.38	4055006.50	64.22	64.22
DISCCART	731246.38	4055031.50	64.23	64.23
DISCCART	731246.38	4055056.50	64.24	64.24
DISCCART	731246.38	4055081.50	64.22	64.22
DISCCART	731246.38	4055106.50	64.16	64.16
DISCCART	731246.38	4055131.50	64.14	64.14
DISCCART	731246.38	4055156.50	64.14	64.14
DISCCART	731246.38	4055181.50	64.22	64.22
DISCCART	731246.38	4055206.50	64.24	64.24
DISCCART	731246.38	4055231.50	64.24	64.24
DISCCART	731246.38	4055256.50	64.25	64.25
DISCCART	731246.38	4055281.50	64.31	64.31
DISCCART	731246.38	4055306.50	64.35	64.35
DISCCART	731246.38	4055331.50	64.33	64.33
DISCCART	731271.38	4052331.50	69.46	69.46
DISCCART	731271.38	4052356.50	69.37	69.37
DISCCART	731271.38	4052381.50	69.27	69.27
DISCCART	731271.38	4052406.50	69.22	69.22
DISCCART	731271.38	4052431.50	69.08	69.08
DISCCART	731271.38	4052456.50	69.02	69.02
DISCCART	731271.38	4052481.50	68.91	68.91
DISCCART	731271.38	4052506.50	68.84	68.84
DISCCART	731271.38	4052531.50	68.68	68.68
DISCCART	731271.38	4052556.50	68.62	68.62
DISCCART	731271.38	4052581.50	68.54	68.54
DISCCART	731271.38	4052606.50	68.45	68.45
DISCCART	731271.38	4052631.50	68.35	68.35
DISCCART	731271.38	4052656.50	68.27	68.27
DISCCART	731271.38	4052681.50	68.20	68.20
DISCCART	731271.38	4052706.50	68.11	68.11
DISCCART	731271.38	4052731.50	68.04	68.04
DISCCART	731271.38	4052756.50	67.94	67.94
DISCCART	731271.38	4052781.50	67.84	67.84
DISCCART	731271.38	4052806.50	67.74	67.74
DISCCART	731271.38	4053981.50	64.94	64.94
DISCCART	731271.38	4054006.50	64.86	64.86
DISCCART	731271.38	4054031.50	64.84	64.84
DISCCART	731271.38	4054056.50	64.84	64.84
DISCCART	731271.38	4054781.50	64.44	64.44
DISCCART	731271.38	4054806.50	64.44	64.44
DISCCART	731271.38	4054831.50	64.44	64.44
DISCCART	731271.38	4054856.50	64.44	64.44
DISCCART	731271.38	4054881.50	64.34	64.34
DISCCART	731271.38	4054906.50	64.42	64.42
DISCCART	731271.38	4054931.50	64.39	64.39
DISCCART	731271.38	4054956.50	64.34	64.34
DISCCART	731271.38	4054981.50	64.25	64.25
DISCCART	731271.38	4055006.50	64.19	64.19
DISCCART	731271.38	4055031.50	64.14	64.14
DISCCART	731271.38	4055056.50	64.14	64.14
DISCCART	731271.38	4055081.50	64.11	64.11
DISCCART	731271.38	4055106.50	64.10	64.10
DISCCART	731271.38	4055131.50	64.14	64.14
DISCCART	731271.38	4055156.50	64.14	64.14
DISCCART	731271.38	4055181.50	64.17	64.17
DISCCART	731271.38	4055206.50	64.23	64.23
DISCCART	731271.38	4055231.50	64.24	64.24
DISCCART	731271.38	4055256.50	64.24	64.24
DISCCART	731271.38	4055281.50	64.24	64.24
DISCCART	731271.38	4055306.50	64.24	64.24
DISCCART	731271.38	4055331.50	64.24	64.24
DISCCART	731296.38	4052331.50	69.47	69.47
DISCCART	731296.38	4052356.50	69.34	69.34
DISCCART	731296.38	4052381.50	69.24	69.24
DISCCART	731296.38	4052406.50	69.14	69.14
DISCCART	731296.38	4052431.50	69.04	69.04
DISCCART	731296.38	4052456.50	68.95	68.95
DISCCART	731296.38	4052481.50	68.89	68.89
DISCCART	731296.38	4052506.50	68.75	68.75
DISCCART	731296.38	4052531.50	68.65	68.65
DISCCART	731296.38	4052556.50	68.59	68.59
DISCCART	731296.38	4052581.50	68.47	68.47
DISCCART	731296.38	4052606.50	68.40	68.40
DISCCART	731296.38	4052631.50	68.34	68.34
DISCCART	731296.38	4052656.50	68.24	68.24
DISCCART	731296.38	4052681.50	68.14	68.14
DISCCART	731296.38	4052706.50	68.04	68.04
DISCCART	731296.38	4052731.50	67.97	67.97
DISCCART	731296.38	4052756.50	67.85	67.85
DISCCART	731296.38	4052781.50	67.79	67.79
DISCCART	731296.38	4052806.50	67.73	67.73
DISCCART	731296.38	4053981.50	64.94	64.94
DISCCART	731296.38	4054006.50	64.86	64.86
DISCCART	731296.38	4054031.50	64.83	64.83
DISCCART	731296.38	4054056.50	64.83	64.83
DISCCART	731296.38	4054781.50	64.33	64.33
DISCCART	731296.38	4054806.50	64.35	64.35
DISCCART	731296.38	4054831.50	64.35	64.35
DISCCART	731296.38	4054856.50	64.33	64.33
DISCCART	731296.38	4054881.50	64.22	64.22
DISCCART	731296.38	4054906.50	64.32	64.32
DISCCART	731296.38	4054931.50	64.28	64.28
DISCCART	731296.38	4054956.50	64.24	64.24
DISCCART	731296.38	4054981.50	64.16	64.16
DISCCART	731296.38	4055006.50	64.16	64.16
DISCCART	731296.38	4055031.50	64.15	64.15
DISCCART	731296.38	4055056.50	64.10	64.10
DISCCART	731296.38	4055081.50	64.04	64.04
DISCCART	731296.38	4055106.50	64.05	64.05
DISCCART	731296.38	4055131.50	64.14	64.14
DISCCART	731296.38	4055156.50	64.14	64.14
DISCCART	731296.38	4055181.50	64.14	64.14
DISCCART	731296.38	4055206.50	64.14	64.14
DISCCART	731296.38	4055231.50	64.16	64.16
DISCCART	731296.38	4055256.50	64.16	64.16
DISCCART	731296.38	4055281.50	64.14	64.14
DISCCART	731296.38	4055306.50	64.16	64.16
DISCCART	731296.38	4055331.50	64.20	64.20
DISCCART	731321.38	4052331.50	69.44	69.44
DISCCART	731321.38	4052356.50	69.34	69.34
DISCCART	731321.38	4052381.50	69.24	69.24
DISCCART	731321.38	4052406.50	69.12	69.12
DISCCART	731321.38	4052431.50	69.03	69.03
DISCCART	731321.38	4052456.50	68.94	68.94

DISCCART	731321.38	4052481.50	68.84	68.84
DISCCART	731321.38	4052506.50	68.66	68.66
DISCCART	731321.38	4052531.50	68.61	68.61
DISCCART	731321.38	4052556.50	68.55	68.55
DISCCART	731321.38	4052581.50	68.45	68.45
DISCCART	731321.38	4052606.50	68.35	68.35
DISCCART	731321.38	4052631.50	68.26	68.26
DISCCART	731321.38	4052656.50	68.17	68.17
DISCCART	731321.38	4052681.50	68.10	68.10
DISCCART	731321.38	4052706.50	68.03	68.03
DISCCART	731321.38	4052731.50	67.94	67.94
DISCCART	731321.38	4052756.50	67.84	67.84
DISCCART	731321.38	4052781.50	67.74	67.74
DISCCART	731321.38	4052806.50	67.65	67.65
DISCCART	731321.38	4053981.50	64.93	64.93
DISCCART	731321.38	4054006.50	64.84	64.84
DISCCART	731321.38	4054031.50	64.77	64.77
DISCCART	731321.38	4054056.50	64.74	64.74
DISCCART	731321.38	4054781.50	64.20	64.20
DISCCART	731321.38	4054806.50	64.24	64.24
DISCCART	731321.38	4054831.50	64.24	64.24
DISCCART	731321.38	4054856.50	64.19	64.19
DISCCART	731321.38	4054881.50	64.14	64.14
DISCCART	731321.38	4054906.50	64.19	64.19
DISCCART	731321.38	4054931.50	64.19	64.19
DISCCART	731321.38	4054956.50	64.03	64.03
DISCCART	731321.38	4054981.50	64.05	64.05
DISCCART	731321.38	4055006.50	64.14	64.14
DISCCART	731321.38	4055031.50	64.10	64.10
DISCCART	731321.38	4055056.50	64.04	64.04
DISCCART	731321.38	4055081.50	64.04	64.04
DISCCART	731321.38	4055106.50	64.04	64.04
DISCCART	731321.38	4055131.50	64.04	64.04
DISCCART	731321.38	4055156.50	64.08	64.08
DISCCART	731321.38	4055181.50	64.09	64.09
DISCCART	731321.38	4055206.50	64.07	64.07
DISCCART	731321.38	4055231.50	64.04	64.04
DISCCART	731321.38	4055256.50	64.09	64.09
DISCCART	731321.38	4055281.50	64.14	64.14
DISCCART	731321.38	4055306.50	64.14	64.14
DISCCART	731321.38	4055331.50	64.14	64.14
DISCCART	731346.38	4052331.50	69.38	69.38
DISCCART	731346.38	4052356.50	69.25	69.25
DISCCART	731346.38	4052381.50	69.18	69.18
DISCCART	731346.38	4052406.50	69.12	69.12
DISCCART	731346.38	4052431.50	68.94	68.94
DISCCART	731346.38	4052456.50	68.90	68.90
DISCCART	731346.38	4052481.50	68.80	68.80
DISCCART	731346.38	4052506.50	68.64	68.64
DISCCART	731346.38	4052531.50	68.55	68.55
DISCCART	731346.38	4052556.50	68.50	68.50
DISCCART	731346.38	4052581.50	68.44	68.44
DISCCART	731346.38	4052606.50	68.34	68.34
DISCCART	731346.38	4052631.50	68.24	68.24
DISCCART	731346.38	4052656.50	68.14	68.14
DISCCART	731346.38	4052681.50	68.04	68.04
DISCCART	731346.38	4052706.50	67.94	67.94
DISCCART	731346.38	4052731.50	67.87	67.87
DISCCART	731346.38	4052756.50	67.81	67.81
DISCCART	731346.38	4052781.50	67.69	67.69
DISCCART	731346.38	4052806.50	67.62	67.62
DISCCART	731346.38	4053981.50	64.93	64.93
DISCCART	731346.38	4054006.50	64.84	64.84
DISCCART	731346.38	4054031.50	64.74	64.74
DISCCART	731346.38	4054056.50	64.70	64.70
DISCCART	731346.38	4054781.50	64.13	64.13
DISCCART	731346.38	4054806.50	64.08	64.08
DISCCART	731346.38	4054831.50	64.15	64.15
DISCCART	731346.38	4054856.50	64.05	64.05
DISCCART	731346.38	4054881.50	64.02	64.02
DISCCART	731346.38	4054906.50	64.12	64.12
DISCCART	731346.38	4054931.50	64.10	64.10
DISCCART	731346.38	4054956.50	63.94	63.94
DISCCART	731346.38	4054981.50	64.00	64.00
DISCCART	731346.38	4055006.50	64.00	64.00
DISCCART	731346.38	4055031.50	63.96	63.96
DISCCART	731346.38	4055056.50	64.02	64.02
DISCCART	731346.38	4055081.50	64.04	64.04
DISCCART	731346.38	4055106.50	64.04	64.04
DISCCART	731346.38	4055131.50	64.03	64.03
DISCCART	731346.38	4055156.50	63.97	63.97
DISCCART	731346.38	4055181.50	64.02	64.02
DISCCART	731346.38	4055206.50	64.03	64.03
DISCCART	731346.38	4055231.50	64.04	64.04
DISCCART	731346.38	4055256.50	64.04	64.04
DISCCART	731346.38	4055281.50	64.04	64.04
DISCCART	731346.38	4055306.50	64.06	64.06
DISCCART	731346.38	4055331.50	64.12	64.12
DISCCART	731371.38	4052331.50	69.35	69.35
DISCCART	731371.38	4052356.50	69.22	69.22
DISCCART	731371.38	4052381.50	69.16	69.16
DISCCART	731371.38	4052406.50	69.01	69.01
DISCCART	731371.38	4052431.50	68.89	68.89
DISCCART	731371.38	4052456.50	68.86	68.86
DISCCART	731371.38	4052481.50	68.67	68.67
DISCCART	731371.38	4052506.50	68.62	68.62
DISCCART	731371.38	4052531.50	68.54	68.54
DISCCART	731371.38	4052556.50	68.44	68.44
DISCCART	731371.38	4052581.50	68.35	68.35
DISCCART	731371.38	4052606.50	68.27	68.27
DISCCART	731371.38	4052631.50	68.20	68.20
DISCCART	731371.38	4052656.50	68.12	68.12
DISCCART	731371.38	4052681.50	68.00	68.00
DISCCART	731371.38	4052706.50	67.93	67.93
DISCCART	731371.38	4052731.50	67.83	67.83
DISCCART	731371.38	4052756.50	67.74	67.74
DISCCART	731371.38	4052781.50	67.64	67.64
DISCCART	731371.38	4052806.50	67.55	67.55
DISCCART	731371.38	4053981.50	64.94	64.94
DISCCART	731371.38	4054006.50	64.84	64.84
DISCCART	731371.38	4054031.50	64.74	64.74
DISCCART	731371.38	4054056.50	64.65	64.65
DISCCART	731371.38	4054781.50	64.04	64.04
DISCCART	731371.38	4054806.50	63.94	63.94
DISCCART	731371.38	4054831.50	64.02	64.02
DISCCART	731371.38	4054856.50	63.99	63.99
DISCCART	731371.38	4054881.50	63.88	63.88

DISCCART	731371.38	4054906.50	63.99	63.99
DISCCART	731371.38	4054931.50	63.84	63.84
DISCCART	731371.38	4054956.50	63.87	63.87
DISCCART	731371.38	4054981.50	63.90	63.90
DISCCART	731371.38	4055006.50	63.86	63.86
DISCCART	731371.38	4055031.50	63.94	63.94
DISCCART	731371.38	4055056.50	63.94	63.94
DISCCART	731371.38	4055081.50	63.94	63.94
DISCCART	731371.38	4055106.50	63.94	63.94
DISCCART	731371.38	4055131.50	63.94	63.94
DISCCART	731371.38	4055156.50	63.94	63.94
DISCCART	731371.38	4055181.50	63.94	63.94
DISCCART	731371.38	4055206.50	63.94	63.94
DISCCART	731371.38	4055231.50	63.97	63.97
DISCCART	731371.38	4055256.50	64.00	64.00
DISCCART	731371.38	4055281.50	64.04	64.04
DISCCART	731371.38	4055306.50	64.04	64.04
DISCCART	731371.38	4055331.50	64.04	64.04
DISCCART	731396.38	4052331.50	69.28	69.28
DISCCART	731396.38	4052356.50	69.15	69.15
DISCCART	731396.38	4052381.50	69.04	69.04
DISCCART	731396.38	4052406.50	68.96	68.96
DISCCART	731396.38	4052431.50	68.80	68.80
DISCCART	731396.38	4052456.50	68.77	68.77
DISCCART	731396.38	4052481.50	68.55	68.55
DISCCART	731396.38	4052506.50	68.54	68.54
DISCCART	731396.38	4052531.50	68.48	68.48
DISCCART	731396.38	4052556.50	68.41	68.41
DISCCART	731396.38	4052581.50	68.34	68.34
DISCCART	731396.38	4052606.50	68.24	68.24
DISCCART	731396.38	4052631.50	68.14	68.14
DISCCART	731396.38	4052656.50	68.04	68.04
DISCCART	731396.38	4052681.50	67.94	67.94
DISCCART	731396.38	4052706.50	67.84	67.84
DISCCART	731396.38	4052731.50	67.78	67.78
DISCCART	731396.38	4052756.50	67.70	67.70
DISCCART	731396.38	4052781.50	67.62	67.62
DISCCART	731396.38	4052806.50	67.51	67.51
DISCCART	731396.38	4053981.50	64.94	64.94
DISCCART	731396.38	4054006.50	64.84	64.84
DISCCART	731396.38	4054031.50	64.74	64.74
DISCCART	731396.38	4054056.50	64.65	64.65
DISCCART	731396.38	4054781.50	63.85	63.85
DISCCART	731396.38	4054806.50	63.91	63.91
DISCCART	731396.38	4054831.50	63.83	63.83
DISCCART	731396.38	4054856.50	63.85	63.85
DISCCART	731396.38	4054881.50	63.66	63.66
DISCCART	731396.38	4054906.50	63.76	63.76
DISCCART	731396.38	4054931.50	63.70	63.70
DISCCART	731396.38	4054956.50	63.79	63.79
DISCCART	731396.38	4054981.50	63.76	63.76
DISCCART	731396.38	4055006.50	63.84	63.84
DISCCART	731396.38	4055031.50	63.83	63.83
DISCCART	731396.38	4055056.50	63.85	63.85
DISCCART	731396.38	4055081.50	63.84	63.84
DISCCART	731396.38	4055106.50	63.85	63.85
DISCCART	731396.38	4055131.50	63.93	63.93
DISCCART	731396.38	4055156.50	63.92	63.92
DISCCART	731396.38	4055181.50	63.94	63.94
DISCCART	731396.38	4055206.50	63.94	63.94
DISCCART	731396.38	4055231.50	63.94	63.94
DISCCART	731396.38	4055256.50	63.94	63.94
DISCCART	731396.38	4055281.50	63.95	63.95
DISCCART	731396.38	4055306.50	63.97	63.97
DISCCART	731396.38	4055331.50	64.02	64.02
DISCCART	731421.38	4052331.50	69.20	69.20
DISCCART	731421.38	4052356.50	69.03	69.03
DISCCART	731421.38	4052381.50	68.94	68.94
DISCCART	731421.38	4052406.50	68.82	68.82
DISCCART	731421.38	4052431.50	68.61	68.61
DISCCART	731421.38	4052456.50	68.53	68.53
DISCCART	731421.38	4052481.50	68.54	68.54
DISCCART	731421.38	4052506.50	68.54	68.54
DISCCART	731421.38	4052531.50	68.44	68.44
DISCCART	731421.38	4052556.50	68.35	68.35
DISCCART	731421.38	4052581.50	68.27	68.27
DISCCART	731421.38	4052606.50	68.17	68.17
DISCCART	731421.38	4052631.50	68.10	68.10
DISCCART	731421.38	4052656.50	68.03	68.03
DISCCART	731421.38	4052681.50	67.93	67.93
DISCCART	731421.38	4052706.50	67.83	67.83
DISCCART	731421.38	4052731.50	67.74	67.74
DISCCART	731421.38	4052756.50	67.65	67.65
DISCCART	731421.38	4052781.50	67.54	67.54
DISCCART	731421.38	4052806.50	67.46	67.46
DISCCART	731421.38	4053981.50	64.94	64.94
DISCCART	731421.38	4054006.50	64.84	64.84
DISCCART	731421.38	4054031.50	64.74	64.74
DISCCART	731421.38	4054056.50	64.64	64.64
DISCCART	731421.38	4054781.50	63.80	63.80
DISCCART	731421.38	4054806.50	63.74	63.74
DISCCART	731421.38	4054831.50	63.70	63.70
DISCCART	731421.38	4054856.50	63.69	63.69
DISCCART	731421.38	4054881.50	63.57	63.57
DISCCART	731421.38	4054906.50	63.58	63.58
DISCCART	731421.38	4054931.50	63.64	63.64
DISCCART	731421.38	4054956.50	63.64	63.64
DISCCART	731421.38	4054981.50	63.73	63.73
DISCCART	731421.38	4055006.50	63.73	63.73
DISCCART	731421.38	4055031.50	63.74	63.74
DISCCART	731421.38	4055056.50	63.77	63.77
DISCCART	731421.38	4055081.50	63.84	63.84
DISCCART	731421.38	4055106.50	63.84	63.84
DISCCART	731421.38	4055131.50	63.84	63.84
DISCCART	731421.38	4055156.50	63.84	63.84
DISCCART	731421.38	4055181.50	63.84	63.84
DISCCART	731421.38	4055206.50	63.89	63.89
DISCCART	731421.38	4055231.50	63.94	63.94
DISCCART	731421.38	4055256.50	63.94	63.94
DISCCART	731421.38	4055281.50	63.94	63.94
DISCCART	731421.38	4055306.50	63.94	63.94
DISCCART	731421.38	4055331.50	63.94	63.94
DISCCART	731446.38	4052331.50	69.07	69.07
DISCCART	731446.38	4052356.50	68.93	68.93
DISCCART	731446.38	4052381.50	68.66	68.66
DISCCART	731446.38	4052406.50	68.40	68.40
DISCCART	731446.38	4052431.50	68.29	68.29

DISCCART	731446.38	4052456.50	68.39	68.39
DISCCART	731446.38	4052481.50	68.51	68.51
DISCCART	731446.38	4052506.50	68.45	68.45
DISCCART	731446.38	4052531.50	68.43	68.43
DISCCART	731446.38	4052556.50	68.34	68.34
DISCCART	731446.38	4052581.50	68.24	68.24
DISCCART	731446.38	4052606.50	68.14	68.14
DISCCART	731446.38	4052631.50	68.04	68.04
DISCCART	731446.38	4052656.50	67.95	67.95
DISCCART	731446.38	4052681.50	67.88	67.88
DISCCART	731446.38	4052706.50	67.76	67.76
DISCCART	731446.38	4052731.50	67.69	67.69
DISCCART	731446.38	4052756.50	67.59	67.59
DISCCART	731446.38	4052781.50	67.49	67.49
DISCCART	731446.38	4052806.50	67.41	67.41
DISCCART	731446.38	4053981.50	64.94	64.94
DISCCART	731446.38	4054006.50	64.84	64.84
DISCCART	731446.38	4054031.50	64.74	64.74
DISCCART	731446.38	4054056.50	64.64	64.64
DISCCART	731446.38	4054781.50	63.67	63.67
DISCCART	731446.38	4054806.50	63.64	63.64
DISCCART	731446.38	4054831.50	63.58	63.58
DISCCART	731446.38	4054856.50	63.53	63.53
DISCCART	731446.38	4054881.50	63.45	63.45
DISCCART	731446.38	4054906.50	63.50	63.50
DISCCART	731446.38	4054931.50	63.55	63.55
DISCCART	731446.38	4054956.50	63.59	63.59
DISCCART	731446.38	4054981.50	63.64	63.64
DISCCART	731446.38	4055006.50	63.68	63.68
DISCCART	731446.38	4055031.50	63.74	63.74
DISCCART	731446.38	4055056.50	63.74	63.74
DISCCART	731446.38	4055081.50	63.74	63.74
DISCCART	731446.38	4055106.50	63.75	63.75
DISCCART	731446.38	4055131.50	63.75	63.75
DISCCART	731446.38	4055156.50	63.83	63.83
DISCCART	731446.38	4055181.50	63.84	63.84
DISCCART	731446.38	4055206.50	63.84	63.84
DISCCART	731446.38	4055231.50	63.84	63.84
DISCCART	731446.38	4055256.50	63.86	63.86
DISCCART	731446.38	4055281.50	63.86	63.86
DISCCART	731446.38	4055306.50	63.92	63.92
DISCCART	731446.38	4055331.50	63.92	63.92
DISCCART	731471.38	4052331.50	69.08	69.08
DISCCART	731471.38	4052356.50	68.80	68.80
DISCCART	731471.38	4052381.50	68.43	68.43
DISCCART	731471.38	4052406.50	68.06	68.06
DISCCART	731471.38	4052431.50	67.98	67.98
DISCCART	731471.38	4052456.50	68.22	68.22
DISCCART	731471.38	4052481.50	68.43	68.43
DISCCART	731471.38	4052506.50	68.44	68.44
DISCCART	731471.38	4052531.50	68.35	68.35
DISCCART	731471.38	4052556.50	68.27	68.27
DISCCART	731471.38	4052581.50	68.18	68.18
DISCCART	731471.38	4052606.50	68.13	68.13
DISCCART	731471.38	4052631.50	68.00	68.00
DISCCART	731471.38	4052656.50	67.93	67.93
DISCCART	731471.38	4052681.50	67.83	67.83
DISCCART	731471.38	4052706.50	67.73	67.73
DISCCART	731471.38	4052731.50	67.64	67.64
DISCCART	731471.38	4052756.50	67.55	67.55
DISCCART	731471.38	4052781.50	67.44	67.44
DISCCART	731471.38	4052806.50	67.36	67.36
DISCCART	731471.38	4053981.50	64.94	64.94
DISCCART	731471.38	4054006.50	64.84	64.84
DISCCART	731471.38	4054031.50	64.74	64.74
DISCCART	731471.38	4054056.50	64.64	64.64
DISCCART	731471.38	4054781.50	63.64	63.64
DISCCART	731471.38	4054806.50	63.57	63.57
DISCCART	731471.38	4054831.50	63.48	63.48
DISCCART	731471.38	4054856.50	63.43	63.43
DISCCART	731471.38	4054881.50	63.34	63.34
DISCCART	731471.38	4054906.50	63.43	63.43
DISCCART	731471.38	4054931.50	63.50	63.50
DISCCART	731471.38	4054956.50	63.54	63.54
DISCCART	731471.38	4054981.50	63.64	63.64
DISCCART	731471.38	4055006.50	63.64	63.64
DISCCART	731471.38	4055031.50	63.67	63.67
DISCCART	731471.38	4055056.50	63.70	63.70
DISCCART	731471.38	4055081.50	63.74	63.74
DISCCART	731471.38	4055106.50	63.74	63.74
DISCCART	731471.38	4055131.50	63.74	63.74
DISCCART	731471.38	4055156.50	63.74	63.74
DISCCART	731471.38	4055181.50	63.74	63.74
DISCCART	731471.38	4055206.50	63.79	63.79
DISCCART	731471.38	4055231.50	63.82	63.82
DISCCART	731471.38	4055256.50	63.84	63.84
DISCCART	731471.38	4055281.50	63.84	63.84
DISCCART	731471.38	4055306.50	63.84	63.84
DISCCART	731471.38	4055331.50	63.84	63.84
DISCCART	731496.38	4052331.50	68.92	68.92
DISCCART	731496.38	4052356.50	68.63	68.63
DISCCART	731496.38	4052381.50	68.30	68.30
DISCCART	731496.38	4052406.50	68.02	68.02
DISCCART	731496.38	4052431.50	67.94	67.94
DISCCART	731496.38	4052456.50	68.01	68.01
DISCCART	731496.38	4052481.50	68.33	68.33
DISCCART	731496.38	4052506.50	68.35	68.35
DISCCART	731496.38	4052531.50	68.34	68.34
DISCCART	731496.38	4052556.50	68.24	68.24
DISCCART	731496.38	4052581.50	68.14	68.14
DISCCART	731496.38	4052606.50	68.04	68.04
DISCCART	731496.38	4052631.50	67.94	67.94
DISCCART	731496.38	4052656.50	67.85	67.85
DISCCART	731496.38	4052681.50	67.78	67.78
DISCCART	731496.38	4052706.50	67.66	67.66
DISCCART	731496.38	4052731.50	67.58	67.58
DISCCART	731496.38	4052756.50	67.49	67.49
DISCCART	731496.38	4052781.50	67.38	67.38
DISCCART	731496.38	4052806.50	67.31	67.31
DISCCART	731496.38	4053981.50	64.94	64.94
DISCCART	731496.38	4054006.50	64.84	64.84
DISCCART	731496.38	4054031.50	64.74	64.74
DISCCART	731496.38	4054056.50	64.64	64.64
DISCCART	731496.38	4054806.50	63.54	63.54
DISCCART	731496.38	4054831.50	63.44	63.44
DISCCART	731496.38	4054856.50	63.35	63.35
DISCCART	731496.38	4054881.50	63.34	63.34

DISCCART	731496.38	4054906.50	63.38	63.38
DISCCART	731496.38	4054931.50	63.44	63.44
DISCCART	731496.38	4054956.50	63.53	63.53
DISCCART	731496.38	4054981.50	63.54	63.54
DISCCART	731496.38	4055006.50	63.62	63.62
DISCCART	731496.38	4055031.50	63.64	63.64
DISCCART	731496.38	4055056.50	63.64	63.64
DISCCART	731496.38	4055081.50	63.64	63.64
DISCCART	731496.38	4055106.50	63.64	63.64
DISCCART	731496.38	4055131.50	63.65	63.65
DISCCART	731496.38	4055156.50	63.73	63.73
DISCCART	731496.38	4055181.50	63.73	63.73
DISCCART	731496.38	4055206.50	63.74	63.74
DISCCART	731496.38	4055231.50	63.74	63.74
DISCCART	731496.38	4055256.50	63.74	63.74
DISCCART	731496.38	4055281.50	63.75	63.75
DISCCART	731496.38	4055306.50	63.75	63.75
DISCCART	731496.38	4055331.50	63.82	63.82
DISCCART	731521.38	4052331.50	68.87	68.87
DISCCART	731521.38	4052356.50	68.52	68.52
DISCCART	731521.38	4052381.50	68.27	68.27
DISCCART	731521.38	4052406.50	68.02	68.02
DISCCART	731521.38	4052431.50	67.94	67.94
DISCCART	731521.38	4052456.50	67.96	67.96
DISCCART	731521.38	4052481.50	68.21	68.21
DISCCART	731521.38	4052506.50	68.34	68.34
DISCCART	731521.38	4052531.50	68.28	68.28
DISCCART	731521.38	4052556.50	68.17	68.17
DISCCART	731521.38	4052581.50	68.08	68.08
DISCCART	731521.38	4052606.50	68.02	68.02
DISCCART	731521.38	4052631.50	67.90	67.90
DISCCART	731521.38	4052656.50	67.83	67.83
DISCCART	731521.38	4052681.50	67.73	67.73
DISCCART	731521.38	4052706.50	67.62	67.62
DISCCART	731521.38	4052731.50	67.54	67.54
DISCCART	731521.38	4052756.50	67.45	67.45
DISCCART	731521.38	4052781.50	67.34	67.34
DISCCART	731521.38	4052806.50	67.25	67.25
DISCCART	731521.38	4053981.50	64.94	64.94
DISCCART	731521.38	4054006.50	64.84	64.84
DISCCART	731521.38	4054031.50	64.74	64.74
DISCCART	731521.38	4054056.50	64.64	64.64
DISCCART	731521.38	4054806.50	63.53	63.53
DISCCART	731521.38	4054831.50	63.44	63.44
DISCCART	731521.38	4054856.50	63.36	63.36
DISCCART	731521.38	4054881.50	63.34	63.34
DISCCART	731521.38	4054906.50	63.38	63.38
DISCCART	731521.38	4054931.50	63.44	63.44
DISCCART	731521.38	4054956.50	63.50	63.50
DISCCART	731521.38	4054981.50	63.54	63.54
DISCCART	731521.38	4055006.50	63.54	63.54
DISCCART	731521.38	4055031.50	63.54	63.54
DISCCART	731521.38	4055056.50	63.60	63.60
DISCCART	731521.38	4055081.50	63.64	63.64
DISCCART	731521.38	4055106.50	63.64	63.64
DISCCART	731521.38	4055131.50	63.64	63.64
DISCCART	731521.38	4055156.50	63.64	63.64
DISCCART	731521.38	4055181.50	63.64	63.64
DISCCART	731521.38	4055206.50	63.66	63.66
DISCCART	731521.38	4055231.50	63.69	63.69
DISCCART	731521.38	4055256.50	63.73	63.73
DISCCART	731521.38	4055281.50	63.74	63.74
DISCCART	731521.38	4055306.50	63.74	63.74
DISCCART	731521.38	4055331.50	63.74	63.74
DISCCART	731546.38	4052331.50	68.77	68.77
DISCCART	731546.38	4052356.50	68.52	68.52
DISCCART	731546.38	4052381.50	68.27	68.27
DISCCART	731546.38	4052406.50	68.02	68.02
DISCCART	731546.38	4052431.50	67.94	67.94
DISCCART	731546.38	4052456.50	67.94	67.94
DISCCART	731546.38	4052481.50	68.12	68.12
DISCCART	731546.38	4052506.50	68.31	68.31
DISCCART	731546.38	4052531.50	68.24	68.24
DISCCART	731546.38	4052556.50	68.14	68.14
DISCCART	731546.38	4052581.50	68.04	68.04
DISCCART	731546.38	4052606.50	67.95	67.95
DISCCART	731546.38	4052631.50	67.84	67.84
DISCCART	731546.38	4052656.50	67.75	67.75
DISCCART	731546.38	4052681.50	67.64	67.64
DISCCART	731546.38	4052706.50	67.56	67.56
DISCCART	731546.38	4052731.50	67.46	67.46
DISCCART	731546.38	4052756.50	67.36	67.36
DISCCART	731546.38	4052781.50	67.27	67.27
DISCCART	731546.38	4052806.50	67.20	67.20
DISCCART	731546.38	4053981.50	64.94	64.94
DISCCART	731546.38	4054006.50	64.84	64.84
DISCCART	731546.38	4054031.50	64.74	64.74
DISCCART	731546.38	4054056.50	64.65	64.65
DISCCART	731546.38	4054806.50	63.44	63.44
DISCCART	731546.38	4054831.50	63.43	63.43
DISCCART	731546.38	4054856.50	63.34	63.34
DISCCART	731546.38	4054881.50	63.34	63.34
DISCCART	731546.38	4054906.50	63.34	63.34
DISCCART	731546.38	4054931.50	63.44	63.44
DISCCART	731546.38	4054956.50	63.45	63.45
DISCCART	731546.38	4054981.50	63.51	63.51
DISCCART	731546.38	4055006.50	63.54	63.54
DISCCART	731546.38	4055031.50	63.54	63.54
DISCCART	731546.38	4055056.50	63.54	63.54
DISCCART	731546.38	4055081.50	63.54	63.54
DISCCART	731546.38	4055106.50	63.55	63.55
DISCCART	731546.38	4055131.50	63.59	63.59
DISCCART	731546.38	4055156.50	63.62	63.62
DISCCART	731546.38	4055181.50	63.64	63.64
DISCCART	731546.38	4055206.50	63.64	63.64
DISCCART	731546.38	4055231.50	63.64	63.64
DISCCART	731546.38	4055256.50	63.64	63.64
DISCCART	731546.38	4055281.50	63.64	63.64
DISCCART	731546.38	4055306.50	63.65	63.65
DISCCART	731546.38	4055331.50	63.72	63.72
DISCCART	731571.38	4052331.50	68.78	68.78
DISCCART	731571.38	4052356.50	68.49	68.49
DISCCART	731571.38	4052381.50	68.26	68.26
DISCCART	731571.38	4052406.50	68.02	68.02
DISCCART	731571.38	4052431.50	67.94	67.94
DISCCART	731571.38	4052456.50	67.94	67.94
DISCCART	731571.38	4052481.50	68.09	68.09

DISCCART	731571.38	4052506.50	68.24	68.24
DISCCART	731571.38	4052531.50	68.20	68.20
DISCCART	731571.38	4052556.50	68.12	68.12
DISCCART	731571.38	4052581.50	68.00	68.00
DISCCART	731571.38	4052606.50	67.91	67.91
DISCCART	731571.38	4052631.50	67.80	67.80
DISCCART	731571.38	4052656.50	67.70	67.70
DISCCART	731571.38	4052681.50	67.60	67.60
DISCCART	731571.38	4052706.50	67.52	67.52
DISCCART	731571.38	4052731.50	67.44	67.44
DISCCART	731571.38	4052756.50	67.32	67.32
DISCCART	731571.38	4052781.50	67.24	67.24
DISCCART	731571.38	4052806.50	67.13	67.13
DISCCART	731571.38	4052831.50	67.04	67.04
DISCCART	731571.38	4053981.50	64.93	64.93
DISCCART	731571.38	4054006.50	64.84	64.84
DISCCART	731571.38	4054031.50	64.74	64.74
DISCCART	731571.38	4054056.50	64.65	64.65
DISCCART	731571.38	4054806.50	63.39	63.39
DISCCART	731571.38	4054831.50	63.38	63.38
DISCCART	731571.38	4054856.50	63.34	63.34
DISCCART	731571.38	4054881.50	63.34	63.34
DISCCART	731571.38	4054906.50	63.34	63.34
DISCCART	731571.38	4054931.50	63.43	63.43
DISCCART	731571.38	4054956.50	63.44	63.44
DISCCART	731571.38	4054981.50	63.44	63.44
DISCCART	731571.38	4055006.50	63.44	63.44
DISCCART	731571.38	4055031.50	63.47	63.47
DISCCART	731571.38	4055056.50	63.49	63.49
DISCCART	731571.38	4055081.50	63.54	63.54
DISCCART	731571.38	4055106.50	63.54	63.54
DISCCART	731571.38	4055131.50	63.54	63.54
DISCCART	731571.38	4055156.50	63.54	63.54
DISCCART	731571.38	4055181.50	63.54	63.54
DISCCART	731571.38	4055206.50	63.54	63.54
DISCCART	731571.38	4055231.50	63.59	63.59
DISCCART	731571.38	4055256.50	63.58	63.58
DISCCART	731571.38	4055281.50	63.64	63.64
DISCCART	731571.38	4055306.50	63.64	63.64
DISCCART	731571.38	4055331.50	63.64	63.64
DISCCART	731596.38	4052331.50	68.67	68.67
DISCCART	731596.38	4052356.50	68.42	68.42
DISCCART	731596.38	4052381.50	68.23	68.23
DISCCART	731596.38	4052406.50	68.02	68.02
DISCCART	731596.38	4052431.50	67.94	67.94
DISCCART	731596.38	4052456.50	67.94	67.94
DISCCART	731596.38	4052481.50	67.97	67.97
DISCCART	731596.38	4052506.50	68.16	68.16
DISCCART	731596.38	4052531.50	68.14	68.14
DISCCART	731596.38	4052556.50	68.05	68.05
DISCCART	731596.38	4052581.50	67.98	67.98
DISCCART	731596.38	4052606.50	67.86	67.86
DISCCART	731596.38	4052631.50	67.74	67.74
DISCCART	731596.38	4052656.50	67.65	67.65
DISCCART	731596.38	4052681.50	67.54	67.54
DISCCART	731596.38	4052706.50	67.45	67.45
DISCCART	731596.38	4052731.50	67.34	67.34
DISCCART	731596.38	4052756.50	67.26	67.26
DISCCART	731596.38	4052781.50	67.16	67.16
DISCCART	731596.38	4052806.50	67.05	67.05
DISCCART	731596.38	4052831.50	66.98	66.98
DISCCART	731596.38	4053981.50	64.93	64.93
DISCCART	731596.38	4054006.50	64.84	64.84
DISCCART	731596.38	4054031.50	64.73	64.73
DISCCART	731596.38	4054056.50	64.64	64.64
DISCCART	731596.38	4054806.50	63.34	63.34
DISCCART	731596.38	4054831.50	63.34	63.34
DISCCART	731596.38	4054856.50	63.34	63.34
DISCCART	731596.38	4054881.50	63.34	63.34
DISCCART	731596.38	4054906.50	63.34	63.34
DISCCART	731596.38	4054931.50	63.34	63.34
DISCCART	731596.38	4054956.50	63.35	63.35
DISCCART	731596.38	4054981.50	63.36	63.36
DISCCART	731596.38	4055006.50	63.42	63.42
DISCCART	731596.38	4055031.50	63.44	63.44
DISCCART	731596.38	4055056.50	63.44	63.44
DISCCART	731596.38	4055081.50	63.44	63.44
DISCCART	731596.38	4055106.50	63.45	63.45
DISCCART	731596.38	4055131.50	63.46	63.46
DISCCART	731596.38	4055156.50	63.52	63.52
DISCCART	731596.38	4055181.50	63.52	63.52
DISCCART	731596.38	4055206.50	63.54	63.54
DISCCART	731596.38	4055231.50	63.54	63.54
DISCCART	731596.38	4055256.50	63.54	63.54
DISCCART	731596.38	4055281.50	63.54	63.54
DISCCART	731596.38	4055306.50	63.55	63.55
DISCCART	731596.38	4055331.50	63.62	63.62
DISCCART	731621.38	4052331.50	68.67	68.67
DISCCART	731621.38	4052356.50	68.42	68.42
DISCCART	731621.38	4052381.50	68.17	68.17
DISCCART	731621.38	4052406.50	68.02	68.02
DISCCART	731621.38	4052431.50	67.94	67.94
DISCCART	731621.38	4052456.50	67.94	67.94
DISCCART	731621.38	4052481.50	67.95	67.95
DISCCART	731621.38	4052506.50	68.14	68.14
DISCCART	731621.38	4052531.50	68.13	68.13
DISCCART	731621.38	4052556.50	68.02	68.02
DISCCART	731621.38	4052581.50	67.93	67.93
DISCCART	731621.38	4052606.50	67.82	67.82
DISCCART	731621.38	4052756.50	67.21	67.21
DISCCART	731621.38	4052781.50	67.10	67.10
DISCCART	731621.38	4052806.50	67.03	67.03
DISCCART	731621.38	4052831.50	66.94	66.94
DISCCART	731621.38	4053981.50	64.93	64.93
DISCCART	731621.38	4054006.50	64.84	64.84
DISCCART	731621.38	4054031.50	64.73	64.73
DISCCART	731621.38	4054056.50	64.60	64.60
DISCCART	731621.38	4054081.50	64.54	64.54
DISCCART	731621.38	4054806.50	63.27	63.27
DISCCART	731621.38	4054831.50	63.24	63.24
DISCCART	731621.38	4054856.50	63.24	63.24
DISCCART	731621.38	4054881.50	63.24	63.24
DISCCART	731621.38	4054906.50	63.28	63.28
DISCCART	731621.38	4054931.50	63.34	63.34
DISCCART	731621.38	4054956.50	63.34	63.34
DISCCART	731621.38	4054981.50	63.34	63.34
DISCCART	731621.38	4055006.50	63.34	63.34

DISCCART	731621.38	4055031.50	63.34	63.34
DISCCART	731621.38	4055056.50	63.39	63.39
DISCCART	731621.38	4055081.50	63.42	63.42
DISCCART	731621.38	4055106.50	63.44	63.44
DISCCART	731621.38	4055131.50	63.44	63.44
DISCCART	731621.38	4055156.50	63.44	63.44
DISCCART	731621.38	4055181.50	63.44	63.44
DISCCART	731621.38	4055206.50	63.44	63.44
DISCCART	731621.38	4055231.50	63.44	63.44
DISCCART	731621.38	4055256.50	63.48	63.48
DISCCART	731621.38	4055281.50	63.54	63.54
DISCCART	731621.38	4055306.50	63.54	63.54
DISCCART	731621.38	4055331.50	63.54	63.54
DISCCART	731646.38	4052331.50	68.67	68.67
DISCCART	731646.38	4052356.50	68.42	68.42
DISCCART	731646.38	4052381.50	68.17	68.17
DISCCART	731646.38	4052406.50	68.02	68.02
DISCCART	731646.38	4052756.50	67.14	67.14
DISCCART	731646.38	4052781.50	67.05	67.05
DISCCART	731646.38	4052806.50	66.94	66.94
DISCCART	731646.38	4052831.50	66.84	66.84
DISCCART	731646.38	4053981.50	64.93	64.93
DISCCART	731646.38	4054006.50	64.84	64.84
DISCCART	731646.38	4054031.50	64.73	64.73
DISCCART	731646.38	4054056.50	64.60	64.60
DISCCART	731646.38	4054081.50	64.47	64.47
DISCCART	731646.38	4054806.50	63.24	63.24
DISCCART	731646.38	4054831.50	63.24	63.24
DISCCART	731646.38	4054856.50	63.24	63.24
DISCCART	731646.38	4054881.50	63.24	63.24
DISCCART	731646.38	4054906.50	63.24	63.24
DISCCART	731646.38	4054931.50	63.24	63.24
DISCCART	731646.38	4054956.50	63.26	63.26
DISCCART	731646.38	4054981.50	63.26	63.26
DISCCART	731646.38	4055006.50	63.32	63.32
DISCCART	731646.38	4055031.50	63.34	63.34
DISCCART	731646.38	4055056.50	63.34	63.34
DISCCART	731646.38	4055081.50	63.34	63.34
DISCCART	731646.38	4055106.50	63.34	63.34
DISCCART	731646.38	4055131.50	63.36	63.36
DISCCART	731646.38	4055156.50	63.35	63.35
DISCCART	731646.38	4055181.50	63.42	63.42
DISCCART	731646.38	4055206.50	63.42	63.42
DISCCART	731646.38	4055231.50	63.44	63.44
DISCCART	731646.38	4055256.50	63.44	63.44
DISCCART	731646.38	4055281.50	63.44	63.44
DISCCART	731646.38	4055306.50	63.45	63.45
DISCCART	731646.38	4055331.50	63.45	63.45
DISCCART	731671.38	4052331.50	68.56	68.56
DISCCART	731671.38	4052356.50	68.42	68.42
DISCCART	731671.38	4052381.50	68.17	68.17
DISCCART	731671.38	4052406.50	68.02	68.02
DISCCART	731671.38	4052781.50	66.98	66.98
DISCCART	731671.38	4052806.50	66.87	66.87
DISCCART	731671.38	4052831.50	66.80	66.80
DISCCART	731671.38	4053981.50	64.93	64.93
DISCCART	731671.38	4054006.50	64.84	64.84
DISCCART	731671.38	4054031.50	64.73	64.73
DISCCART	731671.38	4054056.50	64.58	64.58
DISCCART	731671.38	4054081.50	64.46	64.46
DISCCART	731671.38	4054806.50	63.24	63.24
DISCCART	731671.38	4054831.50	63.24	63.24
DISCCART	731671.38	4054856.50	63.24	63.24
DISCCART	731671.38	4054881.50	63.24	63.24
DISCCART	731671.38	4054906.50	63.24	63.24
DISCCART	731671.38	4054931.50	63.24	63.24
DISCCART	731671.38	4054956.50	63.24	63.24
DISCCART	731671.38	4054981.50	63.24	63.24
DISCCART	731671.38	4055006.50	63.24	63.24
DISCCART	731671.38	4055031.50	63.25	63.25
DISCCART	731671.38	4055056.50	63.28	63.28
DISCCART	731671.38	4055081.50	63.32	63.32
DISCCART	731671.38	4055106.50	63.34	63.34
DISCCART	731671.38	4055131.50	63.34	63.34
DISCCART	731671.38	4055156.50	63.34	63.34
DISCCART	731671.38	4055181.50	63.34	63.34
DISCCART	731671.38	4055206.50	63.34	63.34
DISCCART	731671.38	4055231.50	63.34	63.34
DISCCART	731671.38	4055256.50	63.38	63.38
DISCCART	731671.38	4055281.50	63.43	63.43
DISCCART	731671.38	4055306.50	63.44	63.44
DISCCART	731671.38	4055331.50	63.44	63.44
DISCCART	731696.38	4052331.50	68.57	68.57
DISCCART	731696.38	4052356.50	68.42	68.42
DISCCART	731696.38	4052381.50	68.17	68.17
DISCCART	731696.38	4052406.50	68.02	68.02
DISCCART	731696.38	4052781.50	66.92	66.92
DISCCART	731696.38	4052806.50	66.84	66.84
DISCCART	731696.38	4052831.50	66.73	66.73
DISCCART	731696.38	4053981.50	64.93	64.93
DISCCART	731696.38	4054006.50	64.84	64.84
DISCCART	731696.38	4054031.50	64.67	64.67
DISCCART	731696.38	4054056.50	64.56	64.56
DISCCART	731696.38	4054081.50	64.44	64.44
DISCCART	731696.38	4054806.50	63.15	63.15
DISCCART	731696.38	4054831.50	63.14	63.14
DISCCART	731696.38	4054856.50	63.16	63.16
DISCCART	731696.38	4054881.50	63.14	63.14
DISCCART	731696.38	4054906.50	63.16	63.16
DISCCART	731696.38	4054931.50	63.22	63.22
DISCCART	731696.38	4054956.50	63.22	63.22
DISCCART	731696.38	4054981.50	63.24	63.24
DISCCART	731696.38	4055006.50	63.24	63.24
DISCCART	731696.38	4055031.50	63.24	63.24
DISCCART	731696.38	4055056.50	63.24	63.24
DISCCART	731696.38	4055081.50	63.24	63.24
DISCCART	731696.38	4055106.50	63.24	63.24
DISCCART	731696.38	4055131.50	63.26	63.26
DISCCART	731696.38	4055156.50	63.26	63.26
DISCCART	731696.38	4055181.50	63.32	63.32
DISCCART	731696.38	4055206.50	63.33	63.33
DISCCART	731696.38	4055231.50	63.34	63.34
DISCCART	731696.38	4055256.50	63.34	63.34
DISCCART	731696.38	4055281.50	63.34	63.34
DISCCART	731696.38	4055306.50	63.34	63.34
DISCCART	731696.38	4055331.50	63.35	63.35
DISCCART	731721.38	4052331.50	68.57	68.57

DISCCART	731721.38	4052356.50	68.38	68.38
DISCCART	731721.38	4052381.50	68.17	68.17
DISCCART	731721.38	4052406.50	68.02	68.02
DISCCART	731721.38	4052781.50	66.86	66.86
DISCCART	731721.38	4052806.50	66.75	66.75
DISCCART	731721.38	4052831.50	66.66	66.66
DISCCART	731721.38	4053981.50	64.93	64.93
DISCCART	731721.38	4054006.50	64.84	64.84
DISCCART	731721.38	4054031.50	64.67	64.67
DISCCART	731721.38	4054056.50	64.51	64.51
DISCCART	731721.38	4054081.50	64.32	64.32
DISCCART	731721.38	4054806.50	63.14	63.14
DISCCART	731721.38	4054831.50	63.14	63.14
DISCCART	731721.38	4054856.50	63.14	63.14
DISCCART	731721.38	4054881.50	63.14	63.14
DISCCART	731721.38	4054906.50	63.14	63.14
DISCCART	731721.38	4054931.50	63.14	63.14
DISCCART	731721.38	4054956.50	63.14	63.14
DISCCART	731721.38	4054981.50	63.15	63.15
DISCCART	731721.38	4055006.50	63.18	63.18
DISCCART	731721.38	4055031.50	63.22	63.22
DISCCART	731721.38	4055056.50	63.24	63.24
DISCCART	731721.38	4055081.50	63.24	63.24
DISCCART	731721.38	4055106.50	63.24	63.24
DISCCART	731721.38	4055131.50	63.24	63.24
DISCCART	731721.38	4055156.50	63.24	63.24
DISCCART	731721.38	4055181.50	63.24	63.24
DISCCART	731721.38	4055206.50	63.24	63.24
DISCCART	731721.38	4055231.50	63.24	63.24
DISCCART	731721.38	4055256.50	63.28	63.28
DISCCART	731721.38	4055281.50	63.34	63.34
DISCCART	731721.38	4055306.50	63.34	63.34
DISCCART	731721.38	4055331.50	63.34	63.34
DISCCART	731746.38	4052331.50	68.57	68.57
DISCCART	731746.38	4052356.50	68.34	68.34
DISCCART	731746.38	4052381.50	68.17	68.17
DISCCART	731746.38	4052406.50	68.02	68.02
DISCCART	731746.38	4052781.50	66.82	66.82
DISCCART	731746.38	4052806.50	66.71	66.71
DISCCART	731746.38	4052831.50	66.62	66.62
DISCCART	731746.38	4053981.50	64.94	64.94
DISCCART	731746.38	4054006.50	64.84	64.84
DISCCART	731746.38	4054031.50	64.67	64.67
DISCCART	731746.38	4054056.50	64.50	64.50
DISCCART	731746.38	4054081.50	64.17	64.17
DISCCART	731746.38	4054806.50	63.14	63.14
DISCCART	731746.38	4054831.50	63.14	63.14
DISCCART	731746.38	4054856.50	63.14	63.14
DISCCART	731746.38	4054881.50	63.14	63.14
DISCCART	731746.38	4054906.50	63.14	63.14
DISCCART	731746.38	4054931.50	63.14	63.14
DISCCART	731746.38	4054956.50	63.14	63.14
DISCCART	731746.38	4054981.50	63.14	63.14
DISCCART	731746.38	4055006.50	63.14	63.14
DISCCART	731746.38	4055031.50	63.14	63.14
DISCCART	731746.38	4055056.50	63.14	63.14
DISCCART	731746.38	4055081.50	63.15	63.15
DISCCART	731746.38	4055106.50	63.18	63.18
DISCCART	731746.38	4055131.50	63.22	63.22
DISCCART	731746.38	4055156.50	63.23	63.23
DISCCART	731746.38	4055181.50	63.24	63.24
DISCCART	731746.38	4055206.50	63.24	63.24
DISCCART	731746.38	4055231.50	63.24	63.24
DISCCART	731746.38	4055256.50	63.24	63.24
DISCCART	731746.38	4055281.50	63.24	63.24
DISCCART	731746.38	4055306.50	63.24	63.24
DISCCART	731746.38	4055331.50	63.26	63.26
DISCCART	731771.38	4052331.50	68.55	68.55
DISCCART	731771.38	4052356.50	68.34	68.34
DISCCART	731771.38	4052381.50	68.17	68.17
DISCCART	731771.38	4052406.50	68.01	68.01
DISCCART	731771.38	4052781.50	66.76	66.76
DISCCART	731771.38	4052806.50	66.66	66.66
DISCCART	731771.38	4052831.50	66.54	66.54
DISCCART	731771.38	4053981.50	64.94	64.94
DISCCART	731771.38	4054006.50	64.84	64.84
DISCCART	731771.38	4054031.50	64.62	64.62
DISCCART	731771.38	4054056.50	64.36	64.36
DISCCART	731771.38	4054081.50	64.10	64.10
DISCCART	731771.38	4054806.50	63.14	63.14
DISCCART	731771.38	4054831.50	63.09	63.09
DISCCART	731771.38	4054856.50	63.09	63.09
DISCCART	731771.38	4054881.50	63.05	63.05
DISCCART	731771.38	4054906.50	63.08	63.08
DISCCART	731771.38	4054931.50	63.09	63.09
DISCCART	731771.38	4054956.50	63.09	63.09
DISCCART	731771.38	4054981.50	63.14	63.14
DISCCART	731771.38	4055006.50	63.14	63.14
DISCCART	731771.38	4055031.50	63.14	63.14
DISCCART	731771.38	4055056.50	63.14	63.14
DISCCART	731771.38	4055081.50	63.14	63.14
DISCCART	731771.38	4055106.50	63.14	63.14
DISCCART	731771.38	4055131.50	63.14	63.14
DISCCART	731771.38	4055156.50	63.14	63.14
DISCCART	731771.38	4055181.50	63.14	63.14
DISCCART	731771.38	4055206.50	63.19	63.19
DISCCART	731771.38	4055231.50	63.24	63.24
DISCCART	731771.38	4055256.50	63.24	63.24
DISCCART	731771.38	4055281.50	63.24	63.24
DISCCART	731771.38	4055306.50	63.24	63.24
DISCCART	731771.38	4055331.50	63.24	63.24
DISCCART	731796.38	4052331.50	68.53	68.53
DISCCART	731796.38	4052356.50	68.34	68.34
DISCCART	731796.38	4052381.50	68.17	68.17
DISCCART	731796.38	4052406.50	68.01	68.01
DISCCART	731796.38	4052781.50	66.69	66.69
DISCCART	731796.38	4052806.50	66.59	66.59
DISCCART	731796.38	4052831.50	66.48	66.48
DISCCART	731796.38	4052981.50	66.07	66.07
DISCCART	731796.38	4053006.50	66.04	66.04
DISCCART	731796.38	4053031.50	65.97	65.97
DISCCART	731796.38	4053056.50	65.94	65.94
DISCCART	731796.38	4053081.50	65.85	65.85
DISCCART	731796.38	4053106.50	65.84	65.84
DISCCART	731796.38	4053981.50	64.94	64.94
DISCCART	731796.38	4054006.50	64.84	64.84
DISCCART	731796.38	4054031.50	64.45	64.45

DISCCART	731796.38	4054056.50	64.06	64.06
DISCCART	731796.38	4054081.50	63.87	63.87
DISCCART	731796.38	4054806.50	63.04	63.04
DISCCART	731796.38	4054831.50	63.04	63.04
DISCCART	731796.38	4054856.50	63.04	63.04
DISCCART	731796.38	4054881.50	63.04	63.04
DISCCART	731796.38	4054906.50	63.04	63.04
DISCCART	731796.38	4054931.50	63.04	63.04
DISCCART	731796.38	4054956.50	63.04	63.04
DISCCART	731796.38	4054981.50	63.04	63.04
DISCCART	731796.38	4055006.50	63.04	63.04
DISCCART	731796.38	4055031.50	63.04	63.04
DISCCART	731796.38	4055056.50	63.08	63.08
DISCCART	731796.38	4055081.50	63.13	63.13
DISCCART	731796.38	4055106.50	63.13	63.13
DISCCART	731796.38	4055131.50	63.14	63.14
DISCCART	731796.38	4055156.50	63.14	63.14
DISCCART	731796.38	4055181.50	63.14	63.14
DISCCART	731796.38	4055206.50	63.14	63.14
DISCCART	731796.38	4055231.50	63.14	63.14
DISCCART	731796.38	4055256.50	63.16	63.16
DISCCART	731796.38	4055281.50	63.16	63.16
DISCCART	731796.38	4055306.50	63.23	63.23
DISCCART	731796.38	4055331.50	63.24	63.24
DISCCART	731821.38	4052331.50	68.50	68.50
DISCCART	731821.38	4052356.50	68.31	68.31
DISCCART	731821.38	4052381.50	68.17	68.17
DISCCART	731821.38	4052406.50	68.00	68.00
DISCCART	731821.38	4052781.50	66.64	66.64
DISCCART	731821.38	4052806.50	66.52	66.52
DISCCART	731821.38	4052831.50	66.44	66.44
DISCCART	731821.38	4052981.50	66.04	66.04
DISCCART	731821.38	4053006.50	65.98	65.98
DISCCART	731821.38	4053031.50	65.94	65.94
DISCCART	731821.38	4053056.50	65.87	65.87
DISCCART	731821.38	4053081.50	65.84	65.84
DISCCART	731821.38	4053106.50	65.77	65.77
DISCCART	731821.38	4053981.50	64.94	64.94
DISCCART	731821.38	4054006.50	64.84	64.84
DISCCART	731821.38	4054031.50	63.53	63.53
DISCCART	731821.38	4054056.50	63.61	63.61
DISCCART	731821.38	4054081.50	63.76	63.76
DISCCART	731821.38	4054806.50	63.04	63.04
DISCCART	731821.38	4054831.50	63.04	63.04
DISCCART	731821.38	4054856.50	63.04	63.04
DISCCART	731821.38	4054881.50	63.04	63.04
DISCCART	731821.38	4054906.50	63.04	63.04
DISCCART	731821.38	4054931.50	63.04	63.04
DISCCART	731821.38	4054956.50	63.04	63.04
DISCCART	731821.38	4054981.50	63.04	63.04
DISCCART	731821.38	4055006.50	63.04	63.04
DISCCART	731821.38	4055031.50	63.04	63.04
DISCCART	731821.38	4055056.50	63.04	63.04
DISCCART	731821.38	4055081.50	63.04	63.04
DISCCART	731821.38	4055106.50	63.04	63.04
DISCCART	731821.38	4055131.50	63.04	63.04
DISCCART	731821.38	4055156.50	63.09	63.09
DISCCART	731821.38	4055181.50	63.14	63.14
DISCCART	731821.38	4055206.50	63.14	63.14
DISCCART	731821.38	4055231.50	63.14	63.14
DISCCART	731821.38	4055256.50	63.14	63.14
DISCCART	731821.38	4055281.50	63.14	63.14
DISCCART	731821.38	4055306.50	63.14	63.14
DISCCART	731821.38	4055331.50	63.14	63.14
DISCCART	731846.38	4052331.50	68.48	68.48
DISCCART	731846.38	4052356.50	68.32	68.32
DISCCART	731846.38	4052381.50	68.17	68.17
DISCCART	731846.38	4052406.50	68.00	68.00
DISCCART	731846.38	4052781.50	66.57	66.57
DISCCART	731846.38	4052806.50	66.46	66.46
DISCCART	731846.38	4052831.50	66.36	66.36
DISCCART	731846.38	4052981.50	66.02	66.02
DISCCART	731846.38	4053006.50	65.94	65.94
DISCCART	731846.38	4053031.50	65.89	65.89
DISCCART	731846.38	4053056.50	65.84	65.84
DISCCART	731846.38	4053081.50	65.82	65.82
DISCCART	731846.38	4053106.50	65.74	65.74
DISCCART	731846.38	4053981.50	64.94	64.94
DISCCART	731846.38	4054006.50	64.84	64.84
DISCCART	731846.38	4054031.50	63.36	63.36
DISCCART	731846.38	4054056.50	63.36	63.36
DISCCART	731846.38	4054081.50	63.64	63.64
DISCCART	731846.38	4054806.50	63.02	63.02
DISCCART	731846.38	4054831.50	63.02	63.02
DISCCART	731846.38	4054856.50	63.02	63.02
DISCCART	731846.38	4054881.50	62.96	62.96
DISCCART	731846.38	4054906.50	63.02	63.02
DISCCART	731846.38	4054931.50	63.02	63.02
DISCCART	731846.38	4054956.50	63.02	63.02
DISCCART	731846.38	4054981.50	63.02	63.02
DISCCART	731846.38	4055006.50	63.03	63.03
DISCCART	731846.38	4055031.50	63.04	63.04
DISCCART	731846.38	4055056.50	63.04	63.04
DISCCART	731846.38	4055081.50	63.04	63.04
DISCCART	731846.38	4055106.50	63.04	63.04
DISCCART	731846.38	4055131.50	63.04	63.04
DISCCART	731846.38	4055156.50	63.04	63.04
DISCCART	731846.38	4055181.50	63.05	63.05
DISCCART	731846.38	4055206.50	63.06	63.06
DISCCART	731846.38	4055231.50	63.09	63.09
DISCCART	731846.38	4055256.50	63.12	63.12
DISCCART	731846.38	4055281.50	63.14	63.14
DISCCART	731846.38	4055306.50	63.14	63.14
DISCCART	731846.38	4055331.50	63.14	63.14
DISCCART	731871.38	4052331.50	68.48	68.48
DISCCART	731871.38	4052356.50	68.32	68.32
DISCCART	731871.38	4052381.50	68.17	68.17
DISCCART	731871.38	4052406.50	68.00	68.00
DISCCART	731871.38	4052781.50	66.54	66.54
DISCCART	731871.38	4052806.50	66.42	66.42
DISCCART	731871.38	4052831.50	66.34	66.34
DISCCART	731871.38	4052981.50	65.94	65.94
DISCCART	731871.38	4053006.50	65.94	65.94
DISCCART	731871.38	4053031.50	65.86	65.86
DISCCART	731871.38	4053056.50	65.84	65.84
DISCCART	731871.38	4053081.50	65.74	65.74
DISCCART	731871.38	4053106.50	65.67	65.67

DISCCART	731871.38	4054006.50	64.88	64.88
DISCCART	731871.38	4054031.50	63.34	63.34
DISCCART	731871.38	4054056.50	63.34	63.34
DISCCART	731871.38	4054081.50	63.44	63.44
DISCCART	731871.38	4054806.50	62.94	62.94
DISCCART	731871.38	4054831.50	62.94	62.94
DISCCART	731871.38	4054856.50	62.94	62.94
DISCCART	731871.38	4054881.50	62.94	62.94
DISCCART	731871.38	4054906.50	62.94	62.94
DISCCART	731871.38	4054931.50	62.94	62.94
DISCCART	731871.38	4054956.50	62.94	62.94
DISCCART	731871.38	4054981.50	62.94	62.94
DISCCART	731871.38	4055006.50	62.94	62.94
DISCCART	731871.38	4055031.50	62.94	62.94
DISCCART	731871.38	4055056.50	62.94	62.94
DISCCART	731871.38	4055081.50	62.99	62.99
DISCCART	731871.38	4055106.50	62.99	62.99
DISCCART	731871.38	4055131.50	63.04	63.04
DISCCART	731871.38	4055156.50	63.04	63.04
DISCCART	731871.38	4055181.50	63.04	63.04
DISCCART	731871.38	4055206.50	63.04	63.04
DISCCART	731871.38	4055231.50	63.04	63.04
DISCCART	731871.38	4055256.50	63.04	63.04
DISCCART	731871.38	4055281.50	63.05	63.05
DISCCART	731871.38	4055306.50	63.06	63.06
DISCCART	731871.38	4055331.50	63.08	63.08
DISCCART	731896.38	4052331.50	68.48	68.48
DISCCART	731896.38	4052356.50	68.31	68.31
DISCCART	731896.38	4052381.50	68.17	68.17
DISCCART	731896.38	4052406.50	68.00	68.00
DISCCART	731896.38	4052781.50	66.44	66.44
DISCCART	731896.38	4052806.50	66.35	66.35
DISCCART	731896.38	4052831.50	66.27	66.27
DISCCART	731896.38	4052981.50	65.94	65.94
DISCCART	731896.38	4053006.50	65.92	65.92
DISCCART	731896.38	4053031.50	65.82	65.82
DISCCART	731896.38	4053056.50	65.74	65.74
DISCCART	731896.38	4053081.50	65.68	65.68
DISCCART	731896.38	4053106.50	65.64	65.64
DISCCART	731896.38	4054006.50	64.94	64.94
DISCCART	731896.38	4054031.50	63.34	63.34
DISCCART	731896.38	4054056.50	63.34	63.34
DISCCART	731896.38	4054081.50	63.34	63.34
DISCCART	731896.38	4054806.50	62.94	62.94
DISCCART	731896.38	4054831.50	62.94	62.94
DISCCART	731896.38	4054856.50	62.94	62.94
DISCCART	731896.38	4054881.50	62.94	62.94
DISCCART	731896.38	4054906.50	62.94	62.94
DISCCART	731896.38	4054931.50	62.94	62.94
DISCCART	731896.38	4054956.50	62.94	62.94
DISCCART	731896.38	4054981.50	62.94	62.94
DISCCART	731896.38	4055006.50	62.94	62.94
DISCCART	731896.38	4055031.50	62.94	62.94
DISCCART	731896.38	4055056.50	62.94	62.94
DISCCART	731896.38	4055081.50	62.94	62.94
DISCCART	731896.38	4055106.50	62.95	62.95
DISCCART	731896.38	4055131.50	62.96	62.96
DISCCART	731896.38	4055156.50	63.02	63.02
DISCCART	731896.38	4055181.50	63.02	63.02
DISCCART	731896.38	4055206.50	63.04	63.04
DISCCART	731896.38	4055231.50	63.04	63.04
DISCCART	731896.38	4055256.50	63.04	63.04
DISCCART	731896.38	4055281.50	63.04	63.04
DISCCART	731896.38	4055306.50	63.04	63.04
DISCCART	731896.38	4055331.50	63.04	63.04
DISCCART	731921.38	4052331.50	68.47	68.47
DISCCART	731921.38	4052356.50	68.30	68.30
DISCCART	731921.38	4052381.50	68.17	68.17
DISCCART	731921.38	4052406.50	68.01	68.01
DISCCART	731921.38	4052781.50	66.38	66.38
DISCCART	731921.38	4052806.50	66.34	66.34
DISCCART	731921.38	4052831.50	66.24	66.24
DISCCART	731921.38	4052981.50	65.88	65.88
DISCCART	731921.38	4053006.50	65.84	65.84
DISCCART	731921.38	4053031.50	65.74	65.74
DISCCART	731921.38	4053056.50	65.72	65.72
DISCCART	731921.38	4053081.50	65.64	65.64
DISCCART	731921.38	4053106.50	65.55	65.55
DISCCART	731921.38	4054006.50	65.02	65.02
DISCCART	731921.38	4054031.50	63.40	63.40
DISCCART	731921.38	4054056.50	63.34	63.34
DISCCART	731921.38	4054081.50	63.31	63.31
DISCCART	731921.38	4054306.50	63.14	63.14
DISCCART	731921.38	4054331.50	63.14	63.14
DISCCART	731921.38	4054356.50	63.14	63.14
DISCCART	731921.38	4054381.50	63.06	63.06
DISCCART	731921.38	4054406.50	63.04	63.04
DISCCART	731921.38	4054431.50	63.04	63.04
DISCCART	731921.38	4054456.50	63.04	63.04
DISCCART	731921.38	4054481.50	63.04	63.04
DISCCART	731921.38	4054506.50	63.04	63.04
DISCCART	731921.38	4054531.50	63.04	63.04
DISCCART	731921.38	4054556.50	62.99	62.99
DISCCART	731921.38	4054581.50	62.94	62.94
DISCCART	731921.38	4054606.50	62.94	62.94
DISCCART	731921.38	4054631.50	62.94	62.94
DISCCART	731921.38	4054656.50	62.94	62.94
DISCCART	731921.38	4054681.50	62.94	62.94
DISCCART	731921.38	4054706.50	62.94	62.94
DISCCART	731921.38	4054731.50	62.94	62.94
DISCCART	731921.38	4054756.50	62.94	62.94
DISCCART	731921.38	4054781.50	62.94	62.94
DISCCART	731921.38	4054806.50	62.94	62.94
DISCCART	731921.38	4054831.50	62.89	62.89
DISCCART	731921.38	4054856.50	62.89	62.89
DISCCART	731921.38	4054881.50	62.85	62.85
DISCCART	731921.38	4054906.50	62.88	62.88
DISCCART	731921.38	4054931.50	62.88	62.88
DISCCART	731921.38	4054956.50	62.88	62.88
DISCCART	731921.38	4054981.50	62.88	62.88
DISCCART	731921.38	4055006.50	62.90	62.90
DISCCART	731921.38	4055031.50	62.94	62.94
DISCCART	731921.38	4055056.50	62.94	62.94
DISCCART	731921.38	4055081.50	62.94	62.94
DISCCART	731921.38	4055106.50	62.94	62.94
DISCCART	731921.38	4055131.50	62.94	62.94
DISCCART	731921.38	4055156.50	62.94	62.94

DISCCART	731921.38	4055181.50	62.94	62.94
DISCCART	731921.38	4055206.50	62.94	62.94
DISCCART	731921.38	4055231.50	62.95	62.95
DISCCART	731921.38	4055256.50	62.96	62.96
DISCCART	731921.38	4055281.50	62.98	62.98
DISCCART	731921.38	4055306.50	63.04	63.04
DISCCART	731921.38	4055331.50	63.04	63.04
DISCCART	731946.38	4052331.50	68.44	68.44
DISCCART	731946.38	4052356.50	68.30	68.30
DISCCART	731946.38	4052381.50	68.17	68.17
DISCCART	731946.38	4052406.50	68.01	68.01
DISCCART	731946.38	4052781.50	66.34	66.34
DISCCART	731946.38	4052806.50	66.34	66.34
DISCCART	731946.38	4052831.50	66.34	66.34
DISCCART	731946.38	4052981.50	65.86	65.86
DISCCART	731946.38	4053006.50	65.77	65.77
DISCCART	731946.38	4053031.50	65.71	65.71
DISCCART	731946.38	4053056.50	65.66	65.66
DISCCART	731946.38	4053081.50	65.55	65.55
DISCCART	731946.38	4053106.50	65.47	65.47
DISCCART	731946.38	4053681.50	64.92	64.92
DISCCART	731946.38	4053706.50	64.92	64.92
DISCCART	731946.38	4053731.50	64.88	64.88
DISCCART	731946.38	4053756.50	64.85	64.85
DISCCART	731946.38	4053781.50	64.85	64.85
DISCCART	731946.38	4053806.50	64.85	64.85
DISCCART	731946.38	4053831.50	64.85	64.85
DISCCART	731946.38	4053856.50	64.86	64.86
DISCCART	731946.38	4053881.50	64.86	64.86
DISCCART	731946.38	4053906.50	64.86	64.86
DISCCART	731946.38	4053931.50	64.86	64.86
DISCCART	731946.38	4053956.50	64.88	64.88
DISCCART	731946.38	4053981.50	64.96	64.96
DISCCART	731946.38	4054006.50	64.93	64.93
DISCCART	731946.38	4054031.50	63.42	63.42
DISCCART	731946.38	4054056.50	63.25	63.25
DISCCART	731946.38	4054081.50	63.24	63.24
DISCCART	731946.38	4054106.50	63.24	63.24
DISCCART	731946.38	4054131.50	63.24	63.24
DISCCART	731946.38	4054156.50	63.24	63.24
DISCCART	731946.38	4054181.50	63.16	63.16
DISCCART	731946.38	4054206.50	63.14	63.14
DISCCART	731946.38	4054231.50	63.14	63.14
DISCCART	731946.38	4054256.50	63.14	63.14
DISCCART	731946.38	4054281.50	63.14	63.14
DISCCART	731946.38	4054306.50	63.12	63.12
DISCCART	731946.38	4054331.50	63.05	63.05
DISCCART	731946.38	4054356.50	63.04	63.04
DISCCART	731946.38	4054381.50	63.04	63.04
DISCCART	731946.38	4054406.50	63.04	63.04
DISCCART	731946.38	4054431.50	63.04	63.04
DISCCART	731946.38	4054456.50	63.04	63.04
DISCCART	731946.38	4054481.50	63.01	63.01
DISCCART	731946.38	4054506.50	62.96	62.96
DISCCART	731946.38	4054531.50	62.94	62.94
DISCCART	731946.38	4054556.50	62.94	62.94
DISCCART	731946.38	4054581.50	62.94	62.94
DISCCART	731946.38	4054606.50	62.94	62.94
DISCCART	731946.38	4054631.50	62.94	62.94
DISCCART	731946.38	4054656.50	62.94	62.94
DISCCART	731946.38	4054681.50	62.93	62.93
DISCCART	731946.38	4054706.50	62.85	62.85
DISCCART	731946.38	4054731.50	62.85	62.85
DISCCART	731946.38	4054756.50	62.84	62.84
DISCCART	731946.38	4054781.50	62.84	62.84
DISCCART	731946.38	4054806.50	62.84	62.84
DISCCART	731946.38	4054831.50	62.84	62.84
DISCCART	731946.38	4054856.50	62.84	62.84
DISCCART	731946.38	4054881.50	62.84	62.84
DISCCART	731946.38	4054906.50	62.84	62.84
DISCCART	731946.38	4054931.50	62.84	62.84
DISCCART	731946.38	4054956.50	62.84	62.84
DISCCART	731946.38	4054981.50	62.84	62.84
DISCCART	731946.38	4055006.50	62.84	62.84
DISCCART	731946.38	4055031.50	62.84	62.84
DISCCART	731946.38	4055206.50	62.94	62.94
DISCCART	731946.38	4055231.50	62.94	62.94
DISCCART	731946.38	4055256.50	62.94	62.94
DISCCART	731946.38	4055281.50	62.94	62.94
DISCCART	731946.38	4055306.50	62.94	62.94
DISCCART	731946.38	4055331.50	62.94	62.94
DISCCART	731971.38	4052331.50	68.44	68.44
DISCCART	731971.38	4052356.50	68.30	68.30
DISCCART	731971.38	4052381.50	68.16	68.16
DISCCART	731971.38	4052406.50	68.04	68.04
DISCCART	731971.38	4052756.50	66.44	66.44
DISCCART	731971.38	4052781.50	66.44	66.44
DISCCART	731971.38	4052806.50	66.38	66.38
DISCCART	731971.38	4052831.50	66.39	66.39
DISCCART	731971.38	4052856.50	66.34	66.34
DISCCART	731971.38	4052881.50	66.25	66.25
DISCCART	731971.38	4052906.50	66.13	66.13
DISCCART	731971.38	4052931.50	66.04	66.04
DISCCART	731971.38	4052956.50	65.95	65.95
DISCCART	731971.38	4052981.50	65.86	65.86
DISCCART	731971.38	4053006.50	65.82	65.82
DISCCART	731971.38	4053031.50	65.74	65.74
DISCCART	731971.38	4053056.50	65.62	65.62
DISCCART	731971.38	4053081.50	65.56	65.56
DISCCART	731971.38	4053106.50	65.47	65.47
DISCCART	731971.38	4053131.50	65.40	65.40
DISCCART	731971.38	4053156.50	65.33	65.33
DISCCART	731971.38	4053181.50	65.24	65.24
DISCCART	731971.38	4053206.50	65.18	65.18
DISCCART	731971.38	4053231.50	65.14	65.14
DISCCART	731971.38	4053256.50	65.04	65.04
DISCCART	731971.38	4053281.50	65.04	65.04
DISCCART	731971.38	4053306.50	64.95	64.95
DISCCART	731971.38	4053331.50	64.94	64.94
DISCCART	731971.38	4053356.50	64.88	64.88
DISCCART	731971.38	4053381.50	64.88	64.88
DISCCART	731971.38	4053406.50	64.84	64.84
DISCCART	731971.38	4053431.50	64.84	64.84
DISCCART	731971.38	4053456.50	64.84	64.84
DISCCART	731971.38	4053481.50	64.84	64.84
DISCCART	731971.38	4053506.50	64.84	64.84
DISCCART	731971.38	4053531.50	64.84	64.84

DISCCART	731971.38	4053556.50	64.84	64.84
DISCCART	731971.38	4053581.50	64.84	64.84
DISCCART	731971.38	4053606.50	64.84	64.84
DISCCART	731971.38	4053631.50	64.84	64.84
DISCCART	731971.38	4053656.50	64.84	64.84
DISCCART	731971.38	4053681.50	64.78	64.78
DISCCART	731971.38	4053706.50	64.78	64.78
DISCCART	731971.38	4053731.50	64.79	64.79
DISCCART	731971.38	4053756.50	64.79	64.79
DISCCART	731971.38	4053781.50	64.79	64.79
DISCCART	731971.38	4053806.50	64.74	64.74
DISCCART	731971.38	4053831.50	64.73	64.73
DISCCART	731971.38	4053856.50	64.63	64.63
DISCCART	731971.38	4053881.50	64.58	64.58
DISCCART	731971.38	4053906.50	64.49	64.49
DISCCART	731971.38	4053931.50	64.36	64.36
DISCCART	731971.38	4053956.50	64.23	64.23
DISCCART	731971.38	4053981.50	63.83	63.83
DISCCART	731971.38	4054006.50	63.89	63.89
DISCCART	731971.38	4054031.50	63.41	63.41
DISCCART	731971.38	4054056.50	63.26	63.26
DISCCART	731971.38	4054081.50	63.24	63.24
DISCCART	731971.38	4054106.50	63.24	63.24
DISCCART	731971.38	4054131.50	63.19	63.19
DISCCART	731971.38	4054156.50	63.14	63.14
DISCCART	731971.38	4054181.50	63.14	63.14
DISCCART	731971.38	4054206.50	63.14	63.14
DISCCART	731971.38	4054231.50	63.14	63.14
DISCCART	731971.38	4054256.50	63.13	63.13
DISCCART	731971.38	4054281.50	63.06	63.06
DISCCART	731971.38	4054306.50	63.04	63.04
DISCCART	731971.38	4054331.50	63.04	63.04
DISCCART	731971.38	4054356.50	63.04	63.04
DISCCART	731971.38	4054381.50	63.04	63.04
DISCCART	731971.38	4054406.50	63.04	63.04
DISCCART	731971.38	4054431.50	62.98	62.98
DISCCART	731971.38	4055206.50	62.88	62.88
DISCCART	731971.38	4055231.50	62.88	62.88
DISCCART	731971.38	4055256.50	62.94	62.94
DISCCART	731971.38	4055281.50	62.94	62.94
DISCCART	731971.38	4055306.50	62.94	62.94
DISCCART	731971.38	4055331.50	62.94	62.94
DISCCART	731996.38	4052331.50	68.36	68.36
DISCCART	731996.38	4052356.50	68.25	68.25
DISCCART	731996.38	4052381.50	68.14	68.14
DISCCART	731996.38	4052406.50	68.04	68.04
DISCCART	731996.38	4052431.50	67.93	67.93
DISCCART	731996.38	4052456.50	67.72	67.72
DISCCART	731996.38	4052481.50	67.50	67.50
DISCCART	731996.38	4052506.50	67.22	67.22
DISCCART	731996.38	4052531.50	66.99	66.99
DISCCART	731996.38	4052556.50	66.86	66.86
DISCCART	731996.38	4052581.50	66.73	66.73
DISCCART	731996.38	4052606.50	66.65	66.65
DISCCART	731996.38	4052631.50	66.64	66.64
DISCCART	731996.38	4052656.50	66.63	66.63
DISCCART	731996.38	4052681.50	66.57	66.57
DISCCART	731996.38	4052706.50	66.55	66.55
DISCCART	731996.38	4052731.50	66.46	66.46
DISCCART	731996.38	4052756.50	66.34	66.34
DISCCART	731996.38	4052781.50	66.34	66.34
DISCCART	731996.38	4052806.50	66.34	66.34
DISCCART	731996.38	4052831.50	66.34	66.34
DISCCART	731996.38	4052856.50	66.31	66.31
DISCCART	731996.38	4052881.50	66.23	66.23
DISCCART	731996.38	4052906.50	66.05	66.05
DISCCART	731996.38	4052931.50	65.90	65.90
DISCCART	731996.38	4052956.50	65.81	65.81
DISCCART	731996.38	4052981.50	65.76	65.76
DISCCART	731996.38	4053006.50	65.66	65.66
DISCCART	731996.38	4053031.50	65.57	65.57
DISCCART	731996.38	4053056.50	65.55	65.55
DISCCART	731996.38	4053081.50	65.44	65.44
DISCCART	731996.38	4053106.50	65.35	65.35
DISCCART	731996.38	4053131.50	65.33	65.33
DISCCART	731996.38	4053156.50	65.25	65.25
DISCCART	731996.38	4053181.50	65.17	65.17
DISCCART	731996.38	4053206.50	65.14	65.14
DISCCART	731996.38	4053231.50	65.05	65.05
DISCCART	731996.38	4053256.50	65.00	65.00
DISCCART	731996.38	4053281.50	64.95	64.95
DISCCART	731996.38	4053306.50	64.90	64.90
DISCCART	731996.38	4053331.50	64.85	64.85
DISCCART	731996.38	4053356.50	64.82	64.82
DISCCART	731996.38	4053381.50	64.82	64.82
DISCCART	731996.38	4053406.50	64.76	64.76
DISCCART	731996.38	4053431.50	64.75	64.75
DISCCART	731996.38	4053456.50	64.75	64.75
DISCCART	731996.38	4053481.50	64.75	64.75
DISCCART	731996.38	4053506.50	64.74	64.74
DISCCART	731996.38	4053531.50	64.72	64.72
DISCCART	731996.38	4053556.50	64.72	64.72
DISCCART	731996.38	4053581.50	64.72	64.72
DISCCART	731996.38	4053831.50	64.32	64.32
DISCCART	731996.38	4053856.50	64.10	64.10
DISCCART	731996.38	4053881.50	63.86	63.86
DISCCART	731996.38	4053906.50	63.58	63.58
DISCCART	731996.38	4053931.50	63.40	63.40
DISCCART	731996.38	4053956.50	63.35	63.35
DISCCART	731996.38	4053981.50	63.33	63.33
DISCCART	731996.38	4054006.50	63.34	63.34
DISCCART	731996.38	4054031.50	63.35	63.35
DISCCART	731996.38	4054056.50	63.25	63.25
DISCCART	731996.38	4054081.50	63.24	63.24
DISCCART	731996.38	4055206.50	62.84	62.84
DISCCART	731996.38	4055231.50	62.84	62.84
DISCCART	731996.38	4055256.50	62.84	62.84
DISCCART	731996.38	4055281.50	62.84	62.84
DISCCART	731996.38	4055306.50	62.84	62.84
DISCCART	731996.38	4055331.50	62.85	62.85
DISCCART	732021.38	4052331.50	68.36	68.36
DISCCART	732021.38	4052356.50	68.21	68.21
DISCCART	732021.38	4052381.50	68.07	68.07
DISCCART	732021.38	4052406.50	67.97	67.97
DISCCART	732021.38	4052431.50	67.85	67.85
DISCCART	732021.38	4052456.50	67.67	67.67
DISCCART	732021.38	4052481.50	67.48	67.48

DISCCART	732021.38	4052506.50	67.32	67.32
DISCCART	732021.38	4052531.50	67.19	67.19
DISCCART	732021.38	4052556.50	67.04	67.04
DISCCART	732021.38	4052581.50	66.92	66.92
DISCCART	732021.38	4052606.50	66.85	66.85
DISCCART	732021.38	4052631.50	66.82	66.82
DISCCART	732021.38	4052656.50	66.70	66.70
DISCCART	732021.38	4052681.50	66.64	66.64
DISCCART	732021.38	4052706.50	66.53	66.53
DISCCART	732021.38	4052731.50	66.44	66.44
DISCCART	732021.38	4052756.50	66.34	66.34
DISCCART	732021.38	4052781.50	66.26	66.26
DISCCART	732021.38	4052806.50	66.24	66.24
DISCCART	732021.38	4052831.50	66.24	66.24
DISCCART	732021.38	4052856.50	66.18	66.18
DISCCART	732021.38	4052881.50	66.11	66.11
DISCCART	732021.38	4052906.50	66.05	66.05
DISCCART	732021.38	4052931.50	65.93	65.93
DISCCART	732021.38	4052956.50	65.84	65.84
DISCCART	732021.38	4052981.50	65.71	65.71
DISCCART	732021.38	4053006.50	65.62	65.62
DISCCART	732021.38	4053031.50	65.54	65.54
DISCCART	732021.38	4053056.50	65.45	65.45
DISCCART	732021.38	4053081.50	65.40	65.40
DISCCART	732021.38	4053106.50	65.34	65.34
DISCCART	732021.38	4053131.50	65.25	65.25
DISCCART	732021.38	4053156.50	65.23	65.23
DISCCART	732021.38	4053181.50	65.14	65.14
DISCCART	732021.38	4053206.50	65.04	65.04
DISCCART	732021.38	4053831.50	63.84	63.84
DISCCART	732021.38	4053856.50	63.65	63.65
DISCCART	732021.38	4053881.50	63.41	63.41
DISCCART	732021.38	4053906.50	63.34	63.34
DISCCART	732021.38	4053931.50	63.28	63.28
DISCCART	732021.38	4053956.50	63.24	63.24
DISCCART	732021.38	4053981.50	63.24	63.24
DISCCART	732021.38	4054006.50	63.25	63.25
DISCCART	732021.38	4054031.50	63.24	63.24
DISCCART	732021.38	4054056.50	63.24	63.24
DISCCART	732021.38	4055206.50	62.84	62.84
DISCCART	732021.38	4055231.50	62.84	62.84
DISCCART	732021.38	4055256.50	62.84	62.84
DISCCART	732021.38	4055281.50	62.84	62.84
DISCCART	732021.38	4055306.50	62.84	62.84
DISCCART	732021.38	4055331.50	62.84	62.84
DISCCART	732046.38	4052331.50	68.27	68.27
DISCCART	732046.38	4052356.50	68.15	68.15
DISCCART	732046.38	4052381.50	68.03	68.03
DISCCART	732046.38	4052406.50	67.90	67.90
DISCCART	732046.38	4052431.50	67.77	67.77
DISCCART	732046.38	4052456.50	67.64	67.64
DISCCART	732046.38	4052481.50	67.48	67.48
DISCCART	732046.38	4052506.50	67.35	67.35
DISCCART	732046.38	4052531.50	67.23	67.23
DISCCART	732046.38	4052556.50	67.11	67.11
DISCCART	732046.38	4052581.50	66.99	66.99
DISCCART	732046.38	4052606.50	66.90	66.90
DISCCART	732046.38	4052631.50	66.78	66.78
DISCCART	732046.38	4052656.50	66.71	66.71
DISCCART	732046.38	4052681.50	66.62	66.62
DISCCART	732046.38	4052706.50	66.50	66.50
DISCCART	732046.38	4052731.50	66.37	66.37
DISCCART	732046.38	4052756.50	66.33	66.33
DISCCART	732046.38	4052781.50	66.24	66.24
DISCCART	732046.38	4052806.50	66.15	66.15
DISCCART	732046.38	4052831.50	66.14	66.14
DISCCART	732046.38	4052856.50	66.05	66.05
DISCCART	732046.38	4052881.50	66.04	66.04
DISCCART	732046.38	4052906.50	65.95	65.95
DISCCART	732046.38	4052931.50	65.87	65.87
DISCCART	732046.38	4052956.50	65.77	65.77
DISCCART	732046.38	4052981.50	65.72	65.72
DISCCART	732046.38	4053006.50	65.61	65.61
DISCCART	732046.38	4053031.50	65.50	65.50
DISCCART	732046.38	4053056.50	65.44	65.44
DISCCART	732046.38	4053081.50	65.34	65.34
DISCCART	732046.38	4053106.50	65.25	65.25
DISCCART	732046.38	4053131.50	65.23	65.23
DISCCART	732046.38	4053156.50	65.14	65.14
DISCCART	732046.38	4053181.50	65.08	65.08
DISCCART	732046.38	4053206.50	65.04	65.04
DISCCART	732046.38	4053856.50	63.35	63.35
DISCCART	732046.38	4053881.50	63.32	63.32
DISCCART	732046.38	4053906.50	63.24	63.24
DISCCART	732046.38	4053931.50	63.24	63.24
DISCCART	732046.38	4053956.50	63.24	63.24
DISCCART	732046.38	4053981.50	63.24	63.24
DISCCART	732046.38	4054006.50	63.24	63.24
DISCCART	732046.38	4054031.50	63.18	63.18
DISCCART	732046.38	4054056.50	63.20	63.20
DISCCART	732046.38	4055206.50	62.74	62.74
DISCCART	732046.38	4055231.50	62.74	62.74
DISCCART	732046.38	4055256.50	62.75	62.75
DISCCART	732046.38	4055281.50	62.75	62.75
DISCCART	732046.38	4055306.50	62.83	62.83
DISCCART	732046.38	4055331.50	62.83	62.83
DISCCART	732071.38	4052331.50	68.26	68.26
DISCCART	732071.38	4052356.50	68.12	68.12
DISCCART	732071.38	4052381.50	67.95	67.95
DISCCART	732071.38	4052406.50	67.83	67.83
DISCCART	732071.38	4052431.50	67.70	67.70
DISCCART	732071.38	4052456.50	67.57	67.57
DISCCART	732071.38	4052481.50	67.49	67.49
DISCCART	732071.38	4052506.50	67.33	67.33
DISCCART	732071.38	4052531.50	67.23	67.23
DISCCART	732071.38	4052556.50	67.10	67.10
DISCCART	732071.38	4052581.50	67.00	67.00
DISCCART	732071.38	4052606.50	66.90	66.90
DISCCART	732071.38	4052631.50	66.76	66.76
DISCCART	732071.38	4052656.50	66.65	66.65
DISCCART	732071.38	4052681.50	66.55	66.55
DISCCART	732071.38	4052706.50	66.44	66.44
DISCCART	732071.38	4052731.50	66.34	66.34
DISCCART	732071.38	4052756.50	66.24	66.24
DISCCART	732071.38	4052781.50	66.18	66.18
DISCCART	732071.38	4052806.50	66.14	66.14
DISCCART	732071.38	4052831.50	66.08	66.08

DISCCART	732071.38	4052856.50	66.03	66.03
DISCCART	732071.38	4052881.50	65.96	65.96
DISCCART	732071.38	4052906.50	65.88	65.88
DISCCART	732071.38	4052931.50	65.83	65.83
DISCCART	732071.38	4052956.50	65.73	65.73
DISCCART	732071.38	4052981.50	65.64	65.64
DISCCART	732071.38	4053006.50	65.55	65.55
DISCCART	732071.38	4053031.50	65.45	65.45
DISCCART	732071.38	4053056.50	65.42	65.42
DISCCART	732071.38	4053081.50	65.34	65.34
DISCCART	732071.38	4053106.50	65.24	65.24
DISCCART	732071.38	4053131.50	65.16	65.16
DISCCART	732071.38	4053156.50	65.12	65.12
DISCCART	732071.38	4053181.50	65.04	65.04
DISCCART	732071.38	4053206.50	64.95	64.95
DISCCART	732071.38	4053856.50	63.33	63.33
DISCCART	732071.38	4053881.50	63.24	63.24
DISCCART	732071.38	4053906.50	63.24	63.24
DISCCART	732071.38	4053931.50	63.24	63.24
DISCCART	732071.38	4053956.50	63.24	63.24
DISCCART	732071.38	4053981.50	63.20	63.20
DISCCART	732071.38	4054006.50	63.14	63.14
DISCCART	732071.38	4054031.50	63.14	63.14
DISCCART	732071.38	4054056.50	63.14	63.14
DISCCART	732071.38	4055206.50	62.74	62.74
DISCCART	732071.38	4055231.50	62.74	62.74
DISCCART	732071.38	4055256.50	62.74	62.74
DISCCART	732071.38	4055281.50	62.74	62.74
DISCCART	732071.38	4055306.50	62.74	62.74
DISCCART	732071.38	4055331.50	62.74	62.74
DISCCART	732096.38	4052331.50	68.18	68.18
DISCCART	732096.38	4052356.50	68.04	68.04
DISCCART	732096.38	4052381.50	67.89	67.89
DISCCART	732096.38	4052406.50	67.75	67.75
DISCCART	732096.38	4052431.50	67.65	67.65
DISCCART	732096.38	4052456.50	67.54	67.54
DISCCART	732096.38	4052481.50	67.43	67.43
DISCCART	732096.38	4052506.50	67.31	67.31
DISCCART	732096.38	4052531.50	67.18	67.18
DISCCART	732096.38	4052556.50	67.06	67.06
DISCCART	732096.38	4052581.50	66.95	66.95
DISCCART	732096.38	4052606.50	66.84	66.84
DISCCART	732096.38	4052631.50	66.75	66.75
DISCCART	732096.38	4052656.50	66.62	66.62
DISCCART	732096.38	4052681.50	66.52	66.52
DISCCART	732096.38	4052706.50	66.40	66.40
DISCCART	732096.38	4052731.50	66.32	66.32
DISCCART	732096.38	4052756.50	66.24	66.24
DISCCART	732096.38	4052781.50	66.14	66.14
DISCCART	732096.38	4052806.50	66.05	66.05
DISCCART	732096.38	4052831.50	66.04	66.04
DISCCART	732096.38	4052856.50	65.95	65.95
DISCCART	732096.38	4052881.50	65.88	65.88
DISCCART	732096.38	4052906.50	65.84	65.84
DISCCART	732096.38	4052931.50	65.74	65.74
DISCCART	732096.38	4052956.50	65.66	65.66
DISCCART	732096.38	4052981.50	65.56	65.56
DISCCART	732096.38	4053006.50	65.46	65.46
DISCCART	732096.38	4053031.50	65.43	65.43
DISCCART	732096.38	4053056.50	65.34	65.34
DISCCART	732096.38	4053081.50	65.27	65.27
DISCCART	732096.38	4053106.50	65.21	65.21
DISCCART	732096.38	4053131.50	65.13	65.13
DISCCART	732096.38	4053156.50	65.04	65.04
DISCCART	732096.38	4053181.50	64.98	64.98
DISCCART	732096.38	4053206.50	64.94	64.94
DISCCART	732096.38	4053856.50	63.24	63.24
DISCCART	732096.38	4053881.50	63.24	63.24
DISCCART	732096.38	4053906.50	63.24	63.24
DISCCART	732096.38	4053931.50	63.21	63.21
DISCCART	732096.38	4053956.50	63.15	63.15
DISCCART	732096.38	4053981.50	63.14	63.14
DISCCART	732096.38	4054006.50	63.14	63.14
DISCCART	732096.38	4054031.50	63.13	63.13
DISCCART	732096.38	4054056.50	63.13	63.13
DISCCART	732096.38	4055206.50	62.65	62.65
DISCCART	732096.38	4055231.50	62.71	62.71
DISCCART	732096.38	4055256.50	62.73	62.73
DISCCART	732096.38	4055281.50	62.73	62.73
DISCCART	732096.38	4055306.50	62.74	62.74
DISCCART	732096.38	4055331.50	62.74	62.74
DISCCART	732121.38	4052331.50	68.14	68.14
DISCCART	732121.38	4052356.50	67.98	67.98
DISCCART	732121.38	4052381.50	67.85	67.85
DISCCART	732121.38	4052406.50	67.73	67.73
DISCCART	732121.38	4052431.50	67.60	67.60
DISCCART	732121.38	4052456.50	67.51	67.51
DISCCART	732121.38	4052481.50	67.38	67.38
DISCCART	732121.38	4052506.50	67.26	67.26
DISCCART	732121.38	4052531.50	67.14	67.14
DISCCART	732121.38	4052556.50	67.02	67.02
DISCCART	732121.38	4052581.50	66.90	66.90
DISCCART	732121.38	4052606.50	66.80	66.80
DISCCART	732121.38	4052631.50	66.66	66.66
DISCCART	732121.38	4052656.50	66.54	66.54
DISCCART	732121.38	4052681.50	66.45	66.45
DISCCART	732121.38	4052706.50	66.34	66.34
DISCCART	732121.38	4052731.50	66.26	66.26
DISCCART	732121.38	4052756.50	66.17	66.17
DISCCART	732121.38	4052781.50	66.13	66.13
DISCCART	732121.38	4052806.50	66.04	66.04
DISCCART	732121.38	4052831.50	65.95	65.95
DISCCART	732121.38	4052856.50	65.87	65.87
DISCCART	732121.38	4052881.50	65.84	65.84
DISCCART	732121.38	4052906.50	65.77	65.77
DISCCART	732121.38	4052931.50	65.66	65.66
DISCCART	732121.38	4052956.50	65.62	65.62
DISCCART	732121.38	4052981.50	65.54	65.54
DISCCART	732121.38	4053006.50	65.44	65.44
DISCCART	732121.38	4053031.50	65.34	65.34
DISCCART	732121.38	4053056.50	65.27	65.27
DISCCART	732121.38	4053081.50	65.24	65.24
DISCCART	732121.38	4053106.50	65.14	65.14
DISCCART	732121.38	4053131.50	65.06	65.06
DISCCART	732121.38	4053156.50	65.03	65.03
DISCCART	732121.38	4053181.50	64.94	64.94
DISCCART	732121.38	4053206.50	64.86	64.86

DISCCART	732121.38	4053981.50	63.14	63.14
DISCCART	732121.38	4054006.50	63.14	63.14
DISCCART	732121.38	4054031.50	63.07	63.07
DISCCART	732121.38	4054056.50	63.04	63.04
DISCCART	732121.38	4055206.50	62.64	62.64
DISCCART	732121.38	4055231.50	62.64	62.64
DISCCART	732121.38	4055256.50	62.64	62.64
DISCCART	732121.38	4055281.50	62.64	62.64
DISCCART	732121.38	4055306.50	62.64	62.64
DISCCART	732121.38	4055331.50	62.64	62.64
DISCCART	732146.38	4052331.50	68.08	68.08
DISCCART	732146.38	4052356.50	67.94	67.94
DISCCART	732146.38	4052381.50	67.79	67.79
DISCCART	732146.38	4052406.50	67.66	67.66
DISCCART	732146.38	4052431.50	67.57	67.57
DISCCART	732146.38	4052456.50	67.45	67.45
DISCCART	732146.38	4052481.50	67.32	67.32
DISCCART	732146.38	4052506.50	67.20	67.20
DISCCART	732146.38	4052531.50	67.07	67.07
DISCCART	732146.38	4052556.50	66.96	66.96
DISCCART	732146.38	4052581.50	66.86	66.86
DISCCART	732146.38	4052606.50	66.74	66.74
DISCCART	732146.38	4052631.50	66.62	66.62
DISCCART	732146.38	4052656.50	66.51	66.51
DISCCART	732146.38	4052681.50	66.39	66.39
DISCCART	732146.38	4052706.50	66.33	66.33
DISCCART	732146.38	4052731.50	66.23	66.23
DISCCART	732146.38	4052756.50	66.14	66.14
DISCCART	732146.38	4052781.50	66.08	66.08
DISCCART	732146.38	4052806.50	66.00	66.00
DISCCART	732146.38	4052831.50	65.94	65.94
DISCCART	732146.38	4052856.50	65.86	65.86
DISCCART	732146.38	4052881.50	65.76	65.76
DISCCART	732146.38	4052906.50	65.74	65.74
DISCCART	732146.38	4052931.50	65.65	65.65
DISCCART	732146.38	4052956.50	65.53	65.53
DISCCART	732146.38	4052981.50	65.44	65.44
DISCCART	732146.38	4053006.50	65.40	65.40
DISCCART	732146.38	4053031.50	65.32	65.32
DISCCART	732146.38	4053056.50	65.24	65.24
DISCCART	732146.38	4053081.50	65.14	65.14
DISCCART	732146.38	4053106.50	65.11	65.11
DISCCART	732146.38	4053131.50	65.02	65.02
DISCCART	732146.38	4053156.50	64.94	64.94
DISCCART	732146.38	4053181.50	64.88	64.88
DISCCART	732146.38	4053206.50	64.84	64.84
DISCCART	732146.38	4053981.50	63.07	63.07
DISCCART	732146.38	4054006.50	63.04	63.04
DISCCART	732146.38	4054031.50	63.04	63.04
DISCCART	732146.38	4054056.50	63.04	63.04
DISCCART	732146.38	4055206.50	62.62	62.62
DISCCART	732146.38	4055231.50	62.62	62.62
DISCCART	732146.38	4055256.50	62.63	62.63
DISCCART	732146.38	4055281.50	62.64	62.64
DISCCART	732146.38	4055306.50	62.64	62.64
DISCCART	732146.38	4055331.50	62.64	62.64
DISCCART	732171.38	4052331.50	68.03	68.03
DISCCART	732171.38	4052356.50	67.88	67.88
DISCCART	732171.38	4052381.50	67.75	67.75
DISCCART	732171.38	4052406.50	67.63	67.63
DISCCART	732171.38	4052431.50	67.50	67.50
DISCCART	732171.38	4052456.50	67.41	67.41
DISCCART	732171.38	4052481.50	67.27	67.27
DISCCART	732171.38	4052506.50	67.15	67.15
DISCCART	732171.38	4052531.50	67.04	67.04
DISCCART	732171.38	4052556.50	66.93	66.93
DISCCART	732171.38	4052581.50	66.80	66.80
DISCCART	732171.38	4052606.50	66.68	66.68
DISCCART	732171.38	4052631.50	66.56	66.56
DISCCART	732171.38	4052656.50	66.44	66.44
DISCCART	732171.38	4052681.50	66.34	66.34
DISCCART	732171.38	4052706.50	66.25	66.25
DISCCART	732171.38	4052731.50	66.19	66.19
DISCCART	732171.38	4052756.50	66.11	66.11
DISCCART	732171.38	4052781.50	66.04	66.04
DISCCART	732171.38	4052806.50	65.95	65.95
DISCCART	732171.38	4052831.50	65.87	65.87
DISCCART	732171.38	4052856.50	65.80	65.80
DISCCART	732171.38	4052881.50	65.74	65.74
DISCCART	732171.38	4052906.50	65.64	65.64
DISCCART	732171.38	4052931.50	65.56	65.56
DISCCART	732171.38	4052956.50	65.51	65.51
DISCCART	732171.38	4052981.50	65.40	65.40
DISCCART	732171.38	4053006.50	65.34	65.34
DISCCART	732171.38	4053031.50	65.26	65.26
DISCCART	732171.38	4053056.50	65.17	65.17
DISCCART	732171.38	4053081.50	65.10	65.10
DISCCART	732171.38	4053106.50	65.04	65.04
DISCCART	732171.38	4053131.50	64.96	64.96
DISCCART	732171.38	4053156.50	64.90	64.90
DISCCART	732171.38	4053181.50	64.84	64.84
DISCCART	732171.38	4053206.50	64.75	64.75
DISCCART	732171.38	4053981.50	63.04	63.04
DISCCART	732171.38	4054006.50	63.04	63.04
DISCCART	732171.38	4054031.50	63.00	63.00
DISCCART	732171.38	4054056.50	62.97	62.97
DISCCART	732171.38	4055206.50	62.54	62.54
DISCCART	732171.38	4055231.50	62.54	62.54
DISCCART	732171.38	4055256.50	62.54	62.54
DISCCART	732171.38	4055281.50	62.54	62.54
DISCCART	732171.38	4055306.50	62.54	62.54
DISCCART	732171.38	4055331.50	62.59	62.59
DISCCART	732196.38	4052331.50	67.98	67.98
DISCCART	732196.38	4052356.50	67.84	67.84
DISCCART	732196.38	4052381.50	67.72	67.72
DISCCART	732196.38	4052406.50	67.59	67.59
DISCCART	732196.38	4052431.50	67.47	67.47
DISCCART	732196.38	4052456.50	67.35	67.35
DISCCART	732196.38	4052481.50	67.23	67.23
DISCCART	732196.38	4052506.50	67.10	67.10
DISCCART	732196.38	4052531.50	66.97	66.97
DISCCART	732196.38	4052556.50	66.85	66.85
DISCCART	732196.38	4052581.50	66.75	66.75
DISCCART	732196.38	4052606.50	66.64	66.64
DISCCART	732196.38	4052631.50	66.52	66.52
DISCCART	732196.38	4052656.50	66.40	66.40
DISCCART	732196.38	4052681.50	66.32	66.32

DISCCART	732196.38	4052706.50	66.24	66.24
DISCCART	732196.38	4052731.50	66.14	66.14
DISCCART	732196.38	4052756.50	66.05	66.05
DISCCART	732196.38	4052781.50	65.98	65.98
DISCCART	732196.38	4052806.50	65.90	65.90
DISCCART	732196.38	4052831.50	65.84	65.84
DISCCART	732196.38	4052856.50	65.75	65.75
DISCCART	732196.38	4052881.50	65.66	65.66
DISCCART	732196.38	4052906.50	65.60	65.60
DISCCART	732196.38	4052931.50	65.52	65.52
DISCCART	732196.38	4052956.50	65.44	65.44
DISCCART	732196.38	4052981.50	65.34	65.34
DISCCART	732196.38	4053006.50	65.25	65.25
DISCCART	732196.38	4053031.50	65.22	65.22
DISCCART	732196.38	4053056.50	65.14	65.14
DISCCART	732196.38	4053081.50	65.04	65.04
DISCCART	732196.38	4053106.50	64.95	64.95
DISCCART	732196.38	4053131.50	64.93	64.93
DISCCART	732196.38	4053156.50	64.84	64.84
DISCCART	732196.38	4053181.50	64.77	64.77
DISCCART	732196.38	4053206.50	64.71	64.71
DISCCART	732196.38	4053981.50	63.04	63.04
DISCCART	732196.38	4054006.50	63.04	63.04
DISCCART	732196.38	4054031.50	62.96	62.96
DISCCART	732196.38	4054056.50	62.94	62.94
DISCCART	732196.38	4055206.50	62.53	62.53
DISCCART	732196.38	4055231.50	62.53	62.53
DISCCART	732196.38	4055256.50	62.53	62.53
DISCCART	732196.38	4055281.50	62.54	62.54
DISCCART	732196.38	4055306.50	62.54	62.54
DISCCART	732196.38	4055331.50	62.54	62.54
DISCCART	732221.38	4052331.50	67.93	67.93
DISCCART	732221.38	4052356.50	67.81	67.81
DISCCART	732221.38	4052381.50	67.65	67.65
DISCCART	732221.38	4052406.50	67.52	67.52
DISCCART	732221.38	4052431.50	67.40	67.40
DISCCART	732221.38	4052456.50	67.30	67.30
DISCCART	732221.38	4052481.50	67.17	67.17
DISCCART	732221.38	4052506.50	67.05	67.05
DISCCART	732221.38	4052531.50	66.94	66.94
DISCCART	732221.38	4052556.50	66.82	66.82
DISCCART	732221.38	4052581.50	66.70	66.70
DISCCART	732221.38	4052606.50	66.58	66.58
DISCCART	732221.38	4052631.50	66.45	66.45
DISCCART	732221.38	4052656.50	66.34	66.34
DISCCART	732221.38	4052681.50	66.26	66.26
DISCCART	732221.38	4052706.50	66.17	66.17
DISCCART	732221.38	4052731.50	66.10	66.10
DISCCART	732221.38	4052756.50	66.04	66.04
DISCCART	732221.38	4052781.50	65.94	65.94
DISCCART	732221.38	4052806.50	65.86	65.86
DISCCART	732221.38	4052831.50	65.80	65.80
DISCCART	732221.38	4052856.50	65.72	65.72
DISCCART	732221.38	4052881.50	65.64	65.64
DISCCART	732221.38	4052906.50	65.54	65.54
DISCCART	732221.38	4052931.50	65.45	65.45
DISCCART	732221.38	4052956.50	65.38	65.38
DISCCART	732221.38	4052981.50	65.30	65.30
DISCCART	732221.38	4053006.50	65.23	65.23
DISCCART	732221.38	4053031.50	65.14	65.14
DISCCART	732221.38	4053056.50	65.07	65.07
DISCCART	732221.38	4053081.50	65.00	65.00
DISCCART	732221.38	4053106.50	64.94	64.94
DISCCART	732221.38	4053131.50	64.84	64.84
DISCCART	732221.38	4053156.50	64.78	64.78
DISCCART	732221.38	4053181.50	64.74	64.74
DISCCART	732221.38	4053206.50	64.65	64.65
DISCCART	732221.38	4053231.50	64.60	64.60
DISCCART	732221.38	4053981.50	63.00	63.00
DISCCART	732221.38	4054006.50	62.94	62.94
DISCCART	732221.38	4054031.50	62.94	62.94
DISCCART	732221.38	4054056.50	62.94	62.94
DISCCART	732221.38	4055206.50	62.44	62.44
DISCCART	732221.38	4055231.50	62.44	62.44
DISCCART	732221.38	4055256.50	62.44	62.44
DISCCART	732221.38	4055281.50	62.44	62.44
DISCCART	732221.38	4055306.50	62.44	62.44
DISCCART	732221.38	4055331.50	62.49	62.49
DISCCART	732246.38	4052331.50	67.87	67.87
DISCCART	732246.38	4052356.50	67.74	67.74
DISCCART	732246.38	4052381.50	67.62	67.62
DISCCART	732246.38	4052406.50	67.49	67.49
DISCCART	732246.38	4052431.50	67.36	67.36
DISCCART	732246.38	4052456.50	67.25	67.25
DISCCART	732246.38	4052481.50	67.14	67.14
DISCCART	732246.38	4052506.50	67.00	67.00
DISCCART	732246.38	4052531.50	66.87	66.87
DISCCART	732246.38	4052556.50	66.75	66.75
DISCCART	732246.38	4052581.50	66.64	66.64
DISCCART	732246.38	4052606.50	66.54	66.54
DISCCART	732246.38	4052631.50	66.42	66.42
DISCCART	732246.38	4052656.50	66.32	66.32
DISCCART	732246.38	4052681.50	66.23	66.23
DISCCART	732246.38	4052706.50	66.14	66.14
DISCCART	732246.38	4052731.50	66.05	66.05
DISCCART	732246.38	4052756.50	65.96	65.96
DISCCART	732246.38	4052781.50	65.93	65.93
DISCCART	732246.38	4052806.50	65.84	65.84
DISCCART	732246.38	4052831.50	65.74	65.74
DISCCART	732246.38	4052856.50	65.65	65.65
DISCCART	732246.38	4052881.50	65.54	65.54
DISCCART	732246.38	4052906.50	65.50	65.50
DISCCART	732246.38	4052931.50	65.42	65.42
DISCCART	732246.38	4052956.50	65.34	65.34
DISCCART	732246.38	4052981.50	65.25	65.25
DISCCART	732246.38	4053006.50	65.15	65.15
DISCCART	732246.38	4053031.50	65.09	65.09
DISCCART	732246.38	4053056.50	65.04	65.04
DISCCART	732246.38	4053081.50	64.94	64.94
DISCCART	732246.38	4053106.50	64.86	64.86
DISCCART	732246.38	4053131.50	64.83	64.83
DISCCART	732246.38	4053156.50	64.74	64.74
DISCCART	732246.38	4053181.50	64.66	64.66
DISCCART	732246.38	4053206.50	64.61	64.61
DISCCART	732246.38	4053231.50	64.54	64.54
DISCCART	732246.38	4053981.50	62.94	62.94
DISCCART	732246.38	4054006.50	62.94	62.94

DISCCART	732246.38	4054031.50	62.93	62.93
DISCCART	732246.38	4054056.50	62.85	62.85
DISCCART	732246.38	4055206.50	62.42	62.42
DISCCART	732246.38	4055231.50	62.43	62.43
DISCCART	732246.38	4055256.50	62.44	62.44
DISCCART	732246.38	4055281.50	62.44	62.44
DISCCART	732246.38	4055306.50	62.44	62.44
DISCCART	732246.38	4055331.50	62.44	62.44
DISCCART	732271.38	4052331.50	67.80	67.80
DISCCART	732271.38	4052356.50	67.68	67.68
DISCCART	732271.38	4052381.50	67.55	67.55
DISCCART	732271.38	4052406.50	67.43	67.43
DISCCART	732271.38	4052431.50	67.30	67.30
DISCCART	732271.38	4052456.50	67.17	67.17
DISCCART	732271.38	4052481.50	67.05	67.05
DISCCART	732271.38	4052506.50	66.94	66.94
DISCCART	732271.38	4052531.50	66.84	66.84
DISCCART	732271.38	4052556.50	66.72	66.72
DISCCART	732271.38	4052581.50	66.58	66.58
DISCCART	732271.38	4052606.50	66.48	66.48
DISCCART	732271.38	4052631.50	66.36	66.36
DISCCART	732271.38	4052656.50	66.28	66.28
DISCCART	732271.38	4052681.50	66.18	66.18
DISCCART	732271.38	4052706.50	66.11	66.11
DISCCART	732271.38	4052731.50	66.04	66.04
DISCCART	732271.38	4052756.50	65.94	65.94
DISCCART	732271.38	4052781.50	65.85	65.85
DISCCART	732271.38	4052806.50	65.75	65.75
DISCCART	732271.38	4052831.50	65.70	65.70
DISCCART	732271.38	4052856.50	65.61	65.61
DISCCART	732271.38	4052881.50	65.54	65.54
DISCCART	732271.38	4052906.50	65.44	65.44
DISCCART	732271.38	4052931.50	65.36	65.36
DISCCART	732271.38	4052956.50	65.27	65.27
DISCCART	732271.38	4052981.50	65.23	65.23
DISCCART	732271.38	4053006.50	65.13	65.13
DISCCART	732271.38	4053031.50	65.04	65.04
DISCCART	732271.38	4053056.50	64.96	64.96
DISCCART	732271.38	4053081.50	64.90	64.90
DISCCART	732271.38	4053106.50	64.84	64.84
DISCCART	732271.38	4053131.50	64.74	64.74
DISCCART	732271.38	4053156.50	64.68	64.68
DISCCART	732271.38	4053181.50	64.64	64.64
DISCCART	732271.38	4053206.50	64.54	64.54
DISCCART	732271.38	4053231.50	64.50	64.50
DISCCART	732271.38	4053981.50	62.94	62.94
DISCCART	732271.38	4054006.50	62.94	62.94
DISCCART	732271.38	4054031.50	62.88	62.88
DISCCART	732271.38	4054056.50	62.84	62.84
DISCCART	732271.38	4055206.50	62.34	62.34
DISCCART	732271.38	4055231.50	62.34	62.34
DISCCART	732271.38	4055256.50	62.34	62.34
DISCCART	732271.38	4055281.50	62.34	62.34
DISCCART	732271.38	4055306.50	62.36	62.36
DISCCART	732271.38	4055331.50	62.39	62.39
DISCCART	732296.38	4052331.50	67.72	67.72
DISCCART	732296.38	4052356.50	67.61	67.61
DISCCART	732296.38	4052381.50	67.48	67.48
DISCCART	732296.38	4052406.50	67.36	67.36
DISCCART	732296.38	4052431.50	67.25	67.25
DISCCART	732296.38	4052456.50	67.11	67.11
DISCCART	732296.38	4052481.50	66.97	66.97
DISCCART	732296.38	4052506.50	66.91	66.91
DISCCART	732296.38	4052531.50	66.77	66.77
DISCCART	732296.38	4052556.50	66.64	66.64
DISCCART	732296.38	4052581.50	66.54	66.54
DISCCART	732296.38	4052606.50	66.42	66.42
DISCCART	732296.38	4052631.50	66.33	66.33
DISCCART	732296.38	4052656.50	66.24	66.24
DISCCART	732296.38	4052681.50	66.15	66.15
DISCCART	732296.38	4052706.50	66.06	66.06
DISCCART	732296.38	4052731.50	65.97	65.97
DISCCART	732296.38	4052756.50	65.90	65.90
DISCCART	732296.38	4052781.50	65.84	65.84
DISCCART	732296.38	4052806.50	65.74	65.74
DISCCART	732296.38	4052831.50	65.65	65.65
DISCCART	732296.38	4052856.50	65.54	65.54
DISCCART	732296.38	4052881.50	65.47	65.47
DISCCART	732296.38	4052906.50	65.41	65.41
DISCCART	732296.38	4052931.50	65.32	65.32
DISCCART	732296.38	4052956.50	65.24	65.24
DISCCART	732296.38	4052981.50	65.15	65.15
DISCCART	732296.38	4053006.50	65.06	65.06
DISCCART	732296.38	4053031.50	64.99	64.99
DISCCART	732296.38	4053056.50	64.94	64.94
DISCCART	732296.38	4053081.50	64.84	64.84
DISCCART	732296.38	4053106.50	64.76	64.76
DISCCART	732296.38	4053131.50	64.73	64.73
DISCCART	732296.38	4053156.50	64.64	64.64
DISCCART	732296.38	4053181.50	64.54	64.54
DISCCART	732296.38	4053206.50	64.52	64.52
DISCCART	732296.38	4053231.50	64.44	64.44
DISCCART	732296.38	4053981.50	62.93	62.93
DISCCART	732296.38	4054006.50	62.84	62.84
DISCCART	732296.38	4054031.50	62.84	62.84
DISCCART	732296.38	4054056.50	62.84	62.84
DISCCART	732296.38	4055206.50	62.33	62.33
DISCCART	732296.38	4055231.50	62.34	62.34
DISCCART	732296.38	4055256.50	62.34	62.34
DISCCART	732296.38	4055281.50	62.34	62.34
DISCCART	732296.38	4055306.50	62.34	62.34
DISCCART	732296.38	4055331.50	62.34	62.34
DISCCART	732321.38	4052331.50	67.65	67.65
DISCCART	732321.38	4052356.50	67.53	67.53
DISCCART	732321.38	4052381.50	67.44	67.44
DISCCART	732321.38	4052406.50	67.31	67.31
DISCCART	732321.38	4052431.50	67.16	67.16
DISCCART	732321.38	4052456.50	67.04	67.04
DISCCART	732321.38	4052481.50	66.95	66.95
DISCCART	732321.38	4052506.50	66.83	66.83
DISCCART	732321.38	4052531.50	66.70	66.70
DISCCART	732321.38	4052556.50	66.62	66.62
DISCCART	732321.38	4052581.50	66.48	66.48
DISCCART	732321.38	4052606.50	66.38	66.38
DISCCART	732321.38	4052631.50	66.28	66.28
DISCCART	732321.38	4052656.50	66.20	66.20
DISCCART	732321.38	4052681.50	66.10	66.10

DISCCART	732321.38	4052706.50	66.02	66.02
DISCCART	732321.38	4052731.50	65.94	65.94
DISCCART	732321.38	4052756.50	65.85	65.85
DISCCART	732321.38	4052781.50	65.75	65.75
DISCCART	732321.38	4052806.50	65.68	65.68
DISCCART	732321.38	4052831.50	65.60	65.60
DISCCART	732321.38	4052856.50	65.52	65.52
DISCCART	732321.38	4052881.50	65.44	65.44
DISCCART	732321.38	4052906.50	65.34	65.34
DISCCART	732321.38	4052931.50	65.26	65.26
DISCCART	732321.38	4052956.50	65.17	65.17
DISCCART	732321.38	4052981.50	65.10	65.10
DISCCART	732321.38	4053006.50	65.04	65.04
DISCCART	732321.38	4053031.50	64.94	64.94
DISCCART	732321.38	4053056.50	64.85	64.85
DISCCART	732321.38	4053081.50	64.80	64.80
DISCCART	732321.38	4053106.50	64.74	64.74
DISCCART	732321.38	4053131.50	64.64	64.64
DISCCART	732321.38	4053156.50	64.58	64.58
DISCCART	732321.38	4053181.50	64.54	64.54
DISCCART	732321.38	4053206.50	64.44	64.44
DISCCART	732321.38	4053231.50	64.40	64.40
DISCCART	732321.38	4053981.50	62.84	62.84
DISCCART	732321.38	4054006.50	62.84	62.84
DISCCART	732321.38	4054031.50	62.84	62.84
DISCCART	732321.38	4054056.50	62.77	62.77
DISCCART	732321.38	4055231.50	62.24	62.24
DISCCART	732321.38	4055256.50	62.24	62.24
DISCCART	732321.38	4055281.50	62.24	62.24
DISCCART	732321.38	4055306.50	62.29	62.29
DISCCART	732321.38	4055331.50	62.34	62.34
DISCCART	732346.38	4052331.50	67.57	67.57
DISCCART	732346.38	4052356.50	67.46	67.46
DISCCART	732346.38	4052381.50	67.35	67.35
DISCCART	732346.38	4052406.50	67.24	67.24
DISCCART	732346.38	4052431.50	67.13	67.13
DISCCART	732346.38	4052456.50	67.01	67.01
DISCCART	732346.38	4052481.50	66.88	66.88
DISCCART	732346.38	4052506.50	66.74	66.74
DISCCART	732346.38	4052531.50	66.64	66.64
DISCCART	732346.38	4052556.50	66.54	66.54
DISCCART	732346.38	4052581.50	66.43	66.43
DISCCART	732346.38	4052606.50	66.34	66.34
DISCCART	732346.38	4052631.50	66.24	66.24
DISCCART	732346.38	4052656.50	66.15	66.15
DISCCART	732346.38	4052681.50	66.05	66.05
DISCCART	732346.38	4052706.50	65.96	65.96
DISCCART	732346.38	4052731.50	65.87	65.87
DISCCART	732346.38	4052756.50	65.81	65.81
DISCCART	732346.38	4052781.50	65.74	65.74
DISCCART	732346.38	4052806.50	65.64	65.64
DISCCART	732346.38	4052831.50	65.55	65.55
DISCCART	732346.38	4052856.50	65.44	65.44
DISCCART	732346.38	4052881.50	65.37	65.37
DISCCART	732346.38	4052906.50	65.30	65.30
DISCCART	732346.38	4052931.50	65.22	65.22
DISCCART	732346.38	4052956.50	65.14	65.14
DISCCART	732346.38	4052981.50	65.05	65.05
DISCCART	732346.38	4053006.50	64.96	64.96
DISCCART	732346.38	4053031.50	64.88	64.88
DISCCART	732346.38	4053056.50	64.84	64.84
DISCCART	732346.38	4053081.50	64.74	64.74
DISCCART	732346.38	4053106.50	64.65	64.65
DISCCART	732346.38	4053131.50	64.63	64.63
DISCCART	732346.38	4053156.50	64.54	64.54
DISCCART	732346.38	4053181.50	64.46	64.46
DISCCART	732346.38	4053206.50	64.43	64.43
DISCCART	732346.38	4053231.50	64.34	64.34
DISCCART	732346.38	4053981.50	62.84	62.84
DISCCART	732346.38	4053981.50	62.84	62.84
DISCCART	732346.38	4054006.50	62.84	62.84
DISCCART	732346.38	4054031.50	62.78	62.78
DISCCART	732346.38	4054056.50	62.74	62.74
DISCCART	732346.38	4055231.50	62.24	62.24
DISCCART	732346.38	4055256.50	62.24	62.24
DISCCART	732346.38	4055281.50	62.24	62.24
DISCCART	732346.38	4055306.50	62.24	62.24
DISCCART	732346.38	4055331.50	62.24	62.24
DISCCART	732371.38	4052331.50	67.50	67.50
DISCCART	732371.38	4052356.50	67.41	67.41
DISCCART	732371.38	4052381.50	67.26	67.26
DISCCART	732371.38	4052406.50	67.17	67.17
DISCCART	732371.38	4052431.50	67.05	67.05
DISCCART	732371.38	4052456.50	66.93	66.93
DISCCART	732371.38	4052481.50	66.84	66.84
DISCCART	732371.38	4052506.50	66.72	66.72
DISCCART	732371.38	4052531.50	66.61	66.61
DISCCART	732371.38	4052556.50	66.48	66.48
DISCCART	732371.38	4052581.50	66.38	66.38
DISCCART	732371.38	4052606.50	66.28	66.28
DISCCART	732371.38	4052631.50	66.20	66.20
DISCCART	732371.38	4052656.50	66.10	66.10
DISCCART	732371.38	4052681.50	66.04	66.04
DISCCART	732371.38	4052706.50	65.94	65.94
DISCCART	732371.38	4052731.50	65.84	65.84
DISCCART	732371.38	4052756.50	65.74	65.74
DISCCART	732371.38	4052781.50	65.65	65.65
DISCCART	732371.38	4052806.50	65.58	65.58
DISCCART	732371.38	4052831.50	65.50	65.50
DISCCART	732371.38	4052856.50	65.43	65.43
DISCCART	732371.38	4052881.50	65.34	65.34
DISCCART	732371.38	4052906.50	65.25	65.25
DISCCART	732371.38	4052931.50	65.16	65.16
DISCCART	732371.38	4052956.50	65.08	65.08
DISCCART	732371.38	4052981.50	65.00	65.00
DISCCART	732371.38	4053006.50	64.92	64.92
DISCCART	732371.38	4053031.50	64.84	64.84
DISCCART	732371.38	4053056.50	64.75	64.75
DISCCART	732371.38	4053081.50	64.70	64.70
DISCCART	732371.38	4053106.50	64.64	64.64
DISCCART	732371.38	4053131.50	64.54	64.54
DISCCART	732371.38	4053156.50	64.48	64.48
DISCCART	732371.38	4053181.50	64.44	64.44
DISCCART	732371.38	4053206.50	64.34	64.34
DISCCART	732371.38	4053231.50	64.30	64.30
DISCCART	732371.38	4053981.50	62.80	62.80
DISCCART	732371.38	4054006.50	62.74	62.74
DISCCART	732371.38	4054031.50	62.74	62.74

DISCCART	732371.38	4054056.50	62.74	62.74
DISCCART	732371.38	4055231.50	62.14	62.14
DISCCART	732371.38	4055256.50	62.19	62.19
DISCCART	732371.38	4055281.50	62.19	62.19
DISCCART	732371.38	4055306.50	62.24	62.24
DISCCART	732371.38	4055331.50	62.24	62.24
DISCCART	732396.38	4052331.50	67.45	67.45
DISCCART	732396.38	4052356.50	67.34	67.34
DISCCART	732396.38	4052381.50	67.23	67.23
DISCCART	732396.38	4052406.50	67.11	67.11
DISCCART	732396.38	4052431.50	66.98	66.98
DISCCART	732396.38	4052456.50	66.84	66.84
DISCCART	732396.38	4052481.50	66.77	66.77
DISCCART	732396.38	4052506.50	66.65	66.65
DISCCART	732396.38	4052531.50	66.53	66.53
DISCCART	732396.38	4052556.50	66.44	66.44
DISCCART	732396.38	4052581.50	66.33	66.33
DISCCART	732396.38	4052606.50	66.25	66.25
DISCCART	732396.38	4052631.50	66.15	66.15
DISCCART	732396.38	4052656.50	66.05	66.05
DISCCART	732396.38	4052681.50	65.96	65.96
DISCCART	732396.38	4052706.50	65.90	65.90
DISCCART	732396.38	4052731.50	65.83	65.83
DISCCART	732396.38	4052756.50	65.72	65.72
DISCCART	732396.38	4052781.50	65.64	65.64
DISCCART	732396.38	4052806.50	65.54	65.54
DISCCART	732396.38	4052831.50	65.45	65.45
DISCCART	732396.38	4052856.50	65.35	65.35
DISCCART	732396.38	4052881.50	65.29	65.29
DISCCART	732396.38	4052906.50	65.22	65.22
DISCCART	732396.38	4052931.50	65.13	65.13
DISCCART	732396.38	4052956.50	65.05	65.05
DISCCART	732396.38	4052981.50	64.95	64.95
DISCCART	732396.38	4053006.50	64.86	64.86
DISCCART	732396.38	4053031.50	64.77	64.77
DISCCART	732396.38	4053056.50	64.74	64.74
DISCCART	732396.38	4053081.50	64.64	64.64
DISCCART	732396.38	4053106.50	64.55	64.55
DISCCART	732396.38	4053131.50	64.53	64.53
DISCCART	732396.38	4053156.50	64.44	64.44
DISCCART	732396.38	4053181.50	64.37	64.37
DISCCART	732396.38	4053206.50	64.34	64.34
DISCCART	732396.38	4053231.50	64.24	64.24
DISCCART	732396.38	4053981.50	62.74	62.74
DISCCART	732396.38	4054006.50	62.74	62.74
DISCCART	732396.38	4054031.50	62.74	62.74
DISCCART	732396.38	4054056.50	62.66	62.66
DISCCART	732396.38	4055231.50	62.14	62.14
DISCCART	732396.38	4055256.50	62.14	62.14
DISCCART	732396.38	4055281.50	62.14	62.14
DISCCART	732396.38	4055306.50	62.14	62.14
DISCCART	732396.38	4055331.50	62.14	62.14
DISCCART	732421.38	4052331.50	67.35	67.35
DISCCART	732421.38	4052356.50	67.24	67.24
DISCCART	732421.38	4052381.50	67.14	67.14
DISCCART	732421.38	4052406.50	67.03	67.03
DISCCART	732421.38	4052431.50	66.94	66.94
DISCCART	732421.38	4052456.50	66.83	66.83
DISCCART	732421.38	4052481.50	66.70	66.70
DISCCART	732421.38	4052506.50	66.57	66.57
DISCCART	732421.38	4052531.50	66.48	66.48
DISCCART	732421.38	4052556.50	66.38	66.38
DISCCART	732421.38	4052581.50	66.27	66.27
DISCCART	732421.38	4052606.50	66.20	66.20
DISCCART	732421.38	4052631.50	66.10	66.10
DISCCART	732421.38	4052656.50	66.02	66.02
DISCCART	732421.38	4052681.50	65.94	65.94
DISCCART	732421.38	4052706.50	65.84	65.84
DISCCART	732421.38	4052731.50	65.74	65.74
DISCCART	732421.38	4052756.50	65.64	65.64
DISCCART	732421.38	4052781.50	65.58	65.58
DISCCART	732421.38	4052806.50	65.52	65.52
DISCCART	732421.38	4052831.50	65.43	65.43
DISCCART	732421.38	4052856.50	65.33	65.33
DISCCART	732421.38	4052881.50	65.23	65.23
DISCCART	732421.38	4052906.50	65.15	65.15
DISCCART	732421.38	4052931.50	65.06	65.06
DISCCART	732421.38	4052956.50	64.98	64.98
DISCCART	732421.38	4052981.50	64.90	64.90
DISCCART	732421.38	4053006.50	64.84	64.84
DISCCART	732421.38	4053031.50	64.74	64.74
DISCCART	732421.38	4053056.50	64.67	64.67
DISCCART	732421.38	4053081.50	64.60	64.60
DISCCART	732421.38	4053106.50	64.54	64.54
DISCCART	732421.38	4053131.50	64.46	64.46
DISCCART	732421.38	4053156.50	64.42	64.42
DISCCART	732421.38	4053181.50	64.34	64.34
DISCCART	732421.38	4053206.50	64.24	64.24
DISCCART	732421.38	4053231.50	64.20	64.20
DISCCART	732421.38	4053981.50	62.74	62.74
DISCCART	732421.38	4054006.50	62.74	62.74
DISCCART	732421.38	4054031.50	62.66	62.66
DISCCART	732421.38	4054056.50	62.64	62.64
DISCCART	732421.38	4055231.50	62.09	62.09
DISCCART	732421.38	4055256.50	62.09	62.09
DISCCART	732421.38	4055281.50	62.14	62.14
DISCCART	732421.38	4055306.50	62.14	62.14
DISCCART	732421.38	4055331.50	62.14	62.14
DISCCART	732446.38	4052331.50	67.28	67.28
DISCCART	732446.38	4052356.50	67.20	67.20
DISCCART	732446.38	4052381.50	67.07	67.07
DISCCART	732446.38	4052406.50	66.95	66.95
DISCCART	732446.38	4052431.50	66.84	66.84
DISCCART	732446.38	4052456.50	66.74	66.74
DISCCART	732446.38	4052481.50	66.63	66.63
DISCCART	732446.38	4052506.50	66.51	66.51
DISCCART	732446.38	4052531.50	66.42	66.42
DISCCART	732446.38	4052556.50	66.34	66.34
DISCCART	732446.38	4052581.50	66.24	66.24
DISCCART	732446.38	4052606.50	66.14	66.14
DISCCART	732446.38	4052631.50	66.05	66.05
DISCCART	732446.38	4052656.50	65.96	65.96
DISCCART	732446.38	4052681.50	65.86	65.86
DISCCART	732446.38	4052706.50	65.80	65.80
DISCCART	732446.38	4052731.50	65.73	65.73
DISCCART	732446.38	4052756.50	65.64	65.64
DISCCART	732446.38	4052781.50	65.54	65.54

DISCCART	732446.38	4052806.50	65.44	65.44
DISCCART	732446.38	4052831.50	65.35	65.35
DISCCART	732446.38	4052856.50	65.26	65.26
DISCCART	732446.38	4052881.50	65.19	65.19
DISCCART	732446.38	4052906.50	65.11	65.11
DISCCART	732446.38	4052931.50	65.04	65.04
DISCCART	732446.38	4052956.50	64.95	64.95
DISCCART	732446.38	4052981.50	64.85	64.85
DISCCART	732446.38	4053006.50	64.76	64.76
DISCCART	732446.38	4053031.50	64.73	64.73
DISCCART	732446.38	4053056.50	64.64	64.64
DISCCART	732446.38	4053081.50	64.54	64.54
DISCCART	732446.38	4053106.50	64.51	64.51
DISCCART	732446.38	4053131.50	64.44	64.44
DISCCART	732446.38	4053156.50	64.34	64.34
DISCCART	732446.38	4053181.50	64.28	64.28
DISCCART	732446.38	4053206.50	64.24	64.24
DISCCART	732446.38	4053231.50	64.14	64.14
DISCCART	732446.38	4053981.50	62.73	62.73
DISCCART	732446.38	4054006.50	62.64	62.64
DISCCART	732446.38	4054031.50	62.64	62.64
DISCCART	732446.38	4054056.50	62.64	62.64
DISCCART	732446.38	4055231.50	62.04	62.04
DISCCART	732446.38	4055256.50	62.04	62.04
DISCCART	732446.38	4055281.50	62.04	62.04
DISCCART	732446.38	4055306.50	62.04	62.04
DISCCART	732446.38	4055331.50	62.04	62.04
DISCCART	732471.38	4052331.50	67.24	67.24
DISCCART	732471.38	4052356.50	67.13	67.13
DISCCART	732471.38	4052381.50	67.00	67.00
DISCCART	732471.38	4052406.50	66.93	66.93
DISCCART	732471.38	4052431.50	66.79	66.79
DISCCART	732471.38	4052456.50	66.68	66.68
DISCCART	732471.38	4052481.50	66.56	66.56
DISCCART	732471.38	4052506.50	66.45	66.45
DISCCART	732471.38	4052531.50	66.36	66.36
DISCCART	732471.38	4052556.50	66.26	66.26
DISCCART	732471.38	4052581.50	66.17	66.17
DISCCART	732471.38	4052606.50	66.10	66.10
DISCCART	732471.38	4052631.50	66.00	66.00
DISCCART	732471.38	4052656.50	65.92	65.92
DISCCART	732471.38	4052681.50	65.84	65.84
DISCCART	732471.38	4052706.50	65.74	65.74
DISCCART	732471.38	4052731.50	65.66	65.66
DISCCART	732471.38	4052756.50	65.54	65.54
DISCCART	732471.38	4052781.50	65.48	65.48
DISCCART	732471.38	4052806.50	65.41	65.41
DISCCART	732471.38	4052831.50	65.33	65.33
DISCCART	732471.38	4052856.50	65.24	65.24
DISCCART	732471.38	4052881.50	65.14	65.14
DISCCART	732471.38	4052906.50	65.06	65.06
DISCCART	732471.38	4052931.50	64.97	64.97
DISCCART	732471.38	4052956.50	64.90	64.90
DISCCART	732471.38	4052981.50	64.84	64.84
DISCCART	732471.38	4053006.50	64.74	64.74
DISCCART	732471.38	4053031.50	64.65	64.65
DISCCART	732471.38	4053056.50	64.57	64.57
DISCCART	732471.38	4053081.50	64.54	64.54
DISCCART	732471.38	4053106.50	64.44	64.44
DISCCART	732471.38	4053131.50	64.36	64.36
DISCCART	732471.38	4053156.50	64.32	64.32
DISCCART	732471.38	4053181.50	64.24	64.24
DISCCART	732471.38	4053206.50	64.15	64.15
DISCCART	732471.38	4053231.50	64.10	64.10
DISCCART	732471.38	4053981.50	62.64	62.64
DISCCART	732471.38	4054006.50	62.64	62.64
DISCCART	732471.38	4054031.50	62.64	62.64
DISCCART	732471.38	4054056.50	62.57	62.57
DISCCART	732471.38	4055231.50	62.03	62.03
DISCCART	732471.38	4055256.50	62.04	62.04
DISCCART	732471.38	4055281.50	62.04	62.04
DISCCART	732471.38	4055306.50	62.04	62.04
DISCCART	732471.38	4055331.50	62.04	62.04
DISCCART	732496.38	4052331.50	67.15	67.15
DISCCART	732496.38	4052356.50	67.03	67.03
DISCCART	732496.38	4052381.50	66.94	66.94
DISCCART	732496.38	4052406.50	66.84	66.84
DISCCART	732496.38	4052431.50	66.72	66.72
DISCCART	732496.38	4052456.50	66.61	66.61
DISCCART	732496.38	4052481.50	66.52	66.52
DISCCART	732496.38	4052506.50	66.39	66.39
DISCCART	732496.38	4052531.50	66.32	66.32
DISCCART	732496.38	4052556.50	66.21	66.21
DISCCART	732496.38	4052581.50	66.14	66.14
DISCCART	732496.38	4052606.50	66.04	66.04
DISCCART	732496.38	4052631.50	65.95	65.95
DISCCART	732496.38	4052656.50	65.85	65.85
DISCCART	732496.38	4052681.50	65.77	65.77
DISCCART	732496.38	4052706.50	65.71	65.71
DISCCART	732496.38	4052731.50	65.63	65.63
DISCCART	732496.38	4052756.50	65.54	65.54
DISCCART	732496.38	4052781.50	65.44	65.44
DISCCART	732496.38	4052806.50	65.35	65.35
DISCCART	732496.38	4052831.50	65.27	65.27
DISCCART	732496.38	4052856.50	65.16	65.16
DISCCART	732496.38	4052881.50	65.08	65.08
DISCCART	732496.38	4052906.50	65.01	65.01
DISCCART	732496.38	4052931.50	64.94	64.94
DISCCART	732496.38	4052956.50	64.84	64.84
DISCCART	732496.38	4052981.50	64.76	64.76
DISCCART	732496.38	4053006.50	64.70	64.70
DISCCART	732496.38	4053031.50	64.63	64.63
DISCCART	732496.38	4053056.50	64.54	64.54
DISCCART	732496.38	4053081.50	64.44	64.44
DISCCART	732496.38	4053106.50	64.41	64.41
DISCCART	732496.38	4053131.50	64.33	64.33
DISCCART	732496.38	4053156.50	64.24	64.24
DISCCART	732496.38	4053181.50	64.18	64.18
DISCCART	732496.38	4053206.50	64.14	64.14
DISCCART	732496.38	4053231.50	64.04	64.04
DISCCART	732496.38	4053981.50	62.64	62.64
DISCCART	732496.38	4054006.50	62.64	62.64
DISCCART	732496.38	4054031.50	62.56	62.56
DISCCART	732496.38	4054056.50	62.54	62.54
DISCCART	732496.38	4054081.50	62.54	62.54
DISCCART	732496.38	4055231.50	61.94	61.94
DISCCART	732496.38	4055256.50	61.94	61.94

DISCCART	732496.38	4055281.50	61.94	61.94
DISCCART	732496.38	4055306.50	61.94	61.94
DISCCART	732496.38	4055331.50	61.94	61.94
DISCCART	732521.38	4052331.50	67.08	67.08
DISCCART	732521.38	4052356.50	66.97	66.97
DISCCART	732521.38	4052381.50	66.86	66.86
DISCCART	732521.38	4052406.50	66.75	66.75
DISCCART	732521.38	4052431.50	66.65	66.65
DISCCART	732521.38	4052456.50	66.55	66.55
DISCCART	732521.38	4052481.50	66.44	66.44
DISCCART	732521.38	4052506.50	66.35	66.35
DISCCART	732521.38	4052531.50	66.24	66.24
DISCCART	732521.38	4052556.50	66.15	66.15
DISCCART	732521.38	4052581.50	66.06	66.06
DISCCART	732521.38	4052606.50	65.97	65.97
DISCCART	732521.38	4052631.50	65.90	65.90
DISCCART	732521.38	4052656.50	65.83	65.83
DISCCART	732521.38	4052681.50	65.74	65.74
DISCCART	732521.38	4052706.50	65.64	65.64
DISCCART	732521.38	4052731.50	65.56	65.56
DISCCART	732521.38	4052756.50	65.47	65.47
DISCCART	732521.38	4052781.50	65.38	65.38
DISCCART	732521.38	4052806.50	65.30	65.30
DISCCART	732521.38	4052831.50	65.23	65.23
DISCCART	732521.38	4052856.50	65.14	65.14
DISCCART	732521.38	4052881.50	65.04	65.04
DISCCART	732521.38	4052906.50	64.95	64.95
DISCCART	732521.38	4052931.50	64.86	64.86
DISCCART	732521.38	4052956.50	64.81	64.81
DISCCART	732521.38	4052981.50	64.74	64.74
DISCCART	732521.38	4053006.50	64.64	64.64
DISCCART	732521.38	4053031.50	64.55	64.55
DISCCART	732521.38	4053056.50	64.53	64.53
DISCCART	732521.38	4053081.50	64.44	64.44
DISCCART	732521.38	4053106.50	64.34	64.34
DISCCART	732521.38	4053131.50	64.26	64.26
DISCCART	732521.38	4053156.50	64.22	64.22
DISCCART	732521.38	4053181.50	64.14	64.14
DISCCART	732521.38	4053206.50	64.05	64.05
DISCCART	732521.38	4053231.50	64.00	64.00
DISCCART	732521.38	4053981.50	62.64	62.64
DISCCART	732521.38	4054006.50	62.55	62.55
DISCCART	732521.38	4054031.50	62.54	62.54
DISCCART	732521.38	4054056.50	62.54	62.54
DISCCART	732521.38	4054081.50	62.50	62.50
DISCCART	732521.38	4055231.50	61.94	61.94
DISCCART	732521.38	4055256.50	61.94	61.94
DISCCART	732521.38	4055281.50	61.94	61.94
DISCCART	732521.38	4055306.50	61.94	61.94
DISCCART	732521.38	4055331.50	61.94	61.94
DISCCART	732546.38	4052331.50	67.02	67.02
DISCCART	732546.38	4052356.50	66.90	66.90
DISCCART	732546.38	4052381.50	66.79	66.79
DISCCART	732546.38	4052406.50	66.70	66.70
DISCCART	732546.38	4052431.50	66.58	66.58
DISCCART	732546.38	4052456.50	66.46	66.46
DISCCART	732546.38	4052481.50	66.37	66.37
DISCCART	732546.38	4052506.50	66.29	66.29
DISCCART	732546.38	4052531.50	66.17	66.17
DISCCART	732546.38	4052556.50	66.11	66.11
DISCCART	732546.38	4052581.50	66.04	66.04
DISCCART	732546.38	4052606.50	65.94	65.94
DISCCART	732546.38	4052631.50	65.85	65.85
DISCCART	732546.38	4052656.50	65.75	65.75
DISCCART	732546.38	4052681.50	65.68	65.68
DISCCART	732546.38	4052706.50	65.61	65.61
DISCCART	732546.38	4052731.50	65.52	65.52
DISCCART	732546.38	4052756.50	65.44	65.44
DISCCART	732546.38	4052781.50	65.34	65.34
DISCCART	732546.38	4052806.50	65.25	65.25
DISCCART	732546.38	4052831.50	65.17	65.17
DISCCART	732546.38	4052856.50	65.09	65.09
DISCCART	732546.38	4052881.50	65.03	65.03
DISCCART	732546.38	4052906.50	64.94	64.94
DISCCART	732546.38	4052931.50	64.84	64.84
DISCCART	732546.38	4052956.50	64.74	64.74
DISCCART	732546.38	4052981.50	64.66	64.66
DISCCART	732546.38	4053006.50	64.61	64.61
DISCCART	732546.38	4053031.50	64.54	64.54
DISCCART	732546.38	4053056.50	64.44	64.44
DISCCART	732546.38	4053081.50	64.38	64.38
DISCCART	732546.38	4053106.50	64.31	64.31
DISCCART	732546.38	4053131.50	64.24	64.24
DISCCART	732546.38	4053156.50	64.15	64.15
DISCCART	732546.38	4053181.50	64.08	64.08
DISCCART	732546.38	4053206.50	64.01	64.01
DISCCART	732546.38	4053231.50	63.94	63.94
DISCCART	732546.38	4053981.50	62.54	62.54
DISCCART	732546.38	4054006.50	62.54	62.54
DISCCART	732546.38	4054031.50	62.54	62.54
DISCCART	732546.38	4054056.50	62.50	62.50
DISCCART	732546.38	4054081.50	62.44	62.44
DISCCART	732546.38	4055231.50	61.84	61.84
DISCCART	732546.38	4055256.50	61.84	61.84
DISCCART	732546.38	4055281.50	61.84	61.84
DISCCART	732546.38	4055306.50	61.84	61.84
DISCCART	732546.38	4055331.50	61.85	61.85
DISCCART	732571.38	4052331.50	66.94	66.94
DISCCART	732571.38	4052356.50	66.85	66.85
DISCCART	732571.38	4052381.50	66.73	66.73
DISCCART	732571.38	4052406.50	66.62	66.62
DISCCART	732571.38	4052431.50	66.50	66.50
DISCCART	732571.38	4052456.50	66.40	66.40
DISCCART	732571.38	4052481.50	66.34	66.34
DISCCART	732571.38	4052506.50	66.24	66.24
DISCCART	732571.38	4052531.50	66.14	66.14
DISCCART	732571.38	4052556.50	66.04	66.04
DISCCART	732571.38	4052581.50	65.95	65.95
DISCCART	732571.38	4052606.50	65.88	65.88
DISCCART	732571.38	4052631.50	65.80	65.80
DISCCART	732571.38	4052656.50	65.73	65.73
DISCCART	732571.38	4052681.50	65.64	65.64
DISCCART	732571.38	4052706.50	65.55	65.55
DISCCART	732571.38	4052731.50	65.46	65.46
DISCCART	732571.38	4052756.50	65.38	65.38
DISCCART	732571.38	4052781.50	65.30	65.30
DISCCART	732571.38	4052806.50	65.22	65.22

DISCCART	732571.38	4052831.50	65.14	65.14
DISCCART	732571.38	4052856.50	65.05	65.05
DISCCART	732571.38	4052881.50	64.94	64.94
DISCCART	732571.38	4052906.50	64.85	64.85
DISCCART	732571.38	4052931.50	64.76	64.76
DISCCART	732571.38	4052956.50	64.73	64.73
DISCCART	732571.38	4052981.50	64.64	64.64
DISCCART	732571.38	4053006.50	64.54	64.54
DISCCART	732571.38	4053031.50	64.45	64.45
DISCCART	732571.38	4053056.50	64.42	64.42
DISCCART	732571.38	4053081.50	64.34	64.34
DISCCART	732571.38	4053106.50	64.25	64.25
DISCCART	732571.38	4053131.50	64.16	64.16
DISCCART	732571.38	4053156.50	64.12	64.12
DISCCART	732571.38	4053181.50	64.04	64.04
DISCCART	732571.38	4053206.50	63.95	63.95
DISCCART	732571.38	4053231.50	63.90	63.90
DISCCART	732571.38	4054006.50	62.54	62.54
DISCCART	732571.38	4054031.50	62.50	62.50
DISCCART	732571.38	4054056.50	62.44	62.44
DISCCART	732571.38	4054081.50	62.44	62.44
DISCCART	732571.38	4055231.50	61.84	61.84
DISCCART	732571.38	4055256.50	61.84	61.84
DISCCART	732571.38	4055281.50	61.84	61.84
DISCCART	732571.38	4055306.50	61.84	61.84
DISCCART	732571.38	4055331.50	61.84	61.84
DISCCART	732596.38	4052331.50	66.88	66.88
DISCCART	732596.38	4052356.50	66.76	66.76
DISCCART	732596.38	4052381.50	66.67	66.67
DISCCART	732596.38	4052406.50	66.56	66.56
DISCCART	732596.38	4052431.50	66.44	66.44
DISCCART	732596.38	4052456.50	66.35	66.35
DISCCART	732596.38	4052481.50	66.24	66.24
DISCCART	732596.38	4052506.50	66.16	66.16
DISCCART	732596.38	4052531.50	66.07	66.07
DISCCART	732596.38	4052556.50	66.00	66.00
DISCCART	732596.38	4052581.50	65.93	65.93
DISCCART	732596.38	4052606.50	65.84	65.84
DISCCART	732596.38	4052631.50	65.75	65.75
DISCCART	732596.38	4052656.50	65.65	65.65
DISCCART	732596.38	4052681.50	65.58	65.58
DISCCART	732596.38	4052706.50	65.50	65.50
DISCCART	732596.38	4052731.50	65.42	65.42
DISCCART	732596.38	4052756.50	65.34	65.34
DISCCART	732596.38	4052781.50	65.24	65.24
DISCCART	732596.38	4052806.50	65.15	65.15
DISCCART	732596.38	4052831.50	65.06	65.06
DISCCART	732596.38	4052856.50	64.99	64.99
DISCCART	732596.38	4052881.50	64.92	64.92
DISCCART	732596.38	4052906.50	64.84	64.84
DISCCART	732596.38	4052931.50	64.74	64.74
DISCCART	732596.38	4052956.50	64.64	64.64
DISCCART	732596.38	4052981.50	64.58	64.58
DISCCART	732596.38	4053006.50	64.53	64.53
DISCCART	732596.38	4053031.50	64.43	64.43
DISCCART	732596.38	4053056.50	64.34	64.34
DISCCART	732596.38	4053081.50	64.28	64.28
DISCCART	732596.38	4053106.50	64.20	64.20
DISCCART	732596.38	4053131.50	64.13	64.13
DISCCART	732596.38	4053156.50	64.04	64.04
DISCCART	732596.38	4053181.50	63.96	63.96
DISCCART	732596.38	4053206.50	63.91	63.91
DISCCART	732596.38	4053231.50	63.84	63.84
DISCCART	732596.38	4054006.50	62.54	62.54
DISCCART	732596.38	4054031.50	62.45	62.45
DISCCART	732596.38	4054056.50	62.44	62.44
DISCCART	732596.38	4054081.50	62.44	62.44
DISCCART	732596.38	4055231.50	61.74	61.74
DISCCART	732596.38	4055256.50	61.74	61.74
DISCCART	732596.38	4055281.50	61.74	61.74
DISCCART	732596.38	4055306.50	61.75	61.75
DISCCART	732596.38	4055331.50	61.76	61.76
DISCCART	732621.38	4052331.50	66.80	66.80
DISCCART	732621.38	4052356.50	66.71	66.71
DISCCART	732621.38	4052381.50	66.60	66.60
DISCCART	732621.38	4052406.50	66.50	66.50
DISCCART	732621.38	4052431.50	66.37	66.37
DISCCART	732621.38	4052456.50	66.27	66.27
DISCCART	732621.38	4052481.50	66.20	66.20
DISCCART	732621.38	4052506.50	66.13	66.13
DISCCART	732621.38	4052531.50	66.04	66.04
DISCCART	732621.38	4052556.50	65.94	65.94
DISCCART	732621.38	4052581.50	65.86	65.86
DISCCART	732621.38	4052606.50	65.77	65.77
DISCCART	732621.38	4052631.50	65.70	65.70
DISCCART	732621.38	4052656.50	65.63	65.63
DISCCART	732621.38	4052681.50	65.54	65.54
DISCCART	732621.38	4052706.50	65.45	65.45
DISCCART	732621.38	4052731.50	65.36	65.36
DISCCART	732621.38	4052756.50	65.28	65.28
DISCCART	732621.38	4052781.50	65.20	65.20
DISCCART	732621.38	4052806.50	65.12	65.12
DISCCART	732621.38	4052831.50	65.04	65.04
DISCCART	732621.38	4052856.50	64.95	64.95
DISCCART	732621.38	4052881.50	64.85	64.85
DISCCART	732621.38	4052906.50	64.77	64.77
DISCCART	732621.38	4052931.50	64.70	64.70
DISCCART	732621.38	4052956.50	64.63	64.63
DISCCART	732621.38	4052981.50	64.54	64.54
DISCCART	732621.38	4053006.50	64.44	64.44
DISCCART	732621.38	4053031.50	64.36	64.36
DISCCART	732621.38	4053056.50	64.31	64.31
DISCCART	732621.38	4053081.50	64.24	64.24
DISCCART	732621.38	4053106.50	64.15	64.15
DISCCART	732621.38	4053131.50	64.05	64.05
DISCCART	732621.38	4053156.50	64.00	64.00
DISCCART	732621.38	4053181.50	63.94	63.94
DISCCART	732621.38	4053206.50	63.85	63.85
DISCCART	732621.38	4053231.50	63.76	63.76
DISCCART	732621.38	4054006.50	62.44	62.44
DISCCART	732621.38	4054031.50	62.44	62.44
DISCCART	732621.38	4054056.50	62.43	62.43
DISCCART	732621.38	4054081.50	62.36	62.36
DISCCART	732621.38	4055231.50	61.74	61.74
DISCCART	732621.38	4055256.50	61.74	61.74
DISCCART	732621.38	4055281.50	61.74	61.74
DISCCART	732621.38	4055306.50	61.74	61.74

DISCCART	732621.38	4055331.50	61.74	61.74
DISCCART	732646.38	4052331.50	66.74	66.74
DISCCART	732646.38	4052356.50	66.64	66.64
DISCCART	732646.38	4052381.50	66.54	66.54
DISCCART	732646.38	4052406.50	66.44	66.44
DISCCART	732646.38	4052431.50	66.34	66.34
DISCCART	732646.38	4052456.50	66.24	66.24
DISCCART	732646.38	4052481.50	66.15	66.15
DISCCART	732646.38	4052506.50	66.05	66.05
DISCCART	732646.38	4052531.50	65.97	65.97
DISCCART	732646.38	4052556.50	65.90	65.90
DISCCART	732646.38	4052581.50	65.82	65.82
DISCCART	732646.38	4052606.50	65.74	65.74
DISCCART	732646.38	4052631.50	65.64	65.64
DISCCART	732646.38	4052656.50	65.55	65.55
DISCCART	732646.38	4052681.50	65.48	65.48
DISCCART	732646.38	4052706.50	65.40	65.40
DISCCART	732646.38	4052731.50	65.33	65.33
DISCCART	732646.38	4052756.50	65.24	65.24
DISCCART	732646.38	4052781.50	65.14	65.14
DISCCART	732646.38	4052806.50	65.05	65.05
DISCCART	732646.38	4052831.50	64.96	64.96
DISCCART	732646.38	4052856.50	64.90	64.90
DISCCART	732646.38	4052881.50	64.82	64.82
DISCCART	732646.38	4052906.50	64.74	64.74
DISCCART	732646.38	4052931.50	64.64	64.64
DISCCART	732646.38	4052956.50	64.54	64.54
DISCCART	732646.38	4052981.50	64.48	64.48
DISCCART	732646.38	4053006.50	64.42	64.42
DISCCART	732646.38	4053031.50	64.33	64.33
DISCCART	732646.38	4053056.50	64.24	64.24
DISCCART	732646.38	4053081.50	64.17	64.17
DISCCART	732646.38	4053106.50	64.10	64.10
DISCCART	732646.38	4053131.50	64.04	64.04
DISCCART	732646.38	4053156.50	63.94	63.94
DISCCART	732646.38	4053181.50	63.86	63.86
DISCCART	732646.38	4053206.50	63.80	63.80
DISCCART	732646.38	4053231.50	63.74	63.74
DISCCART	732646.38	4054006.50	62.44	62.44
DISCCART	732646.38	4054031.50	62.43	62.43
DISCCART	732646.38	4054056.50	62.34	62.34
DISCCART	732646.38	4054081.50	62.34	62.34
DISCCART	732646.38	4055231.50	61.68	61.68
DISCCART	732646.38	4055256.50	61.68	61.68
DISCCART	732646.38	4055281.50	61.72	61.72
DISCCART	732646.38	4055306.50	61.72	61.72
DISCCART	732646.38	4055331.50	61.72	61.72
DISCCART	732671.38	4052331.50	66.66	66.66
DISCCART	732671.38	4052356.50	66.58	66.58
DISCCART	732671.38	4052381.50	66.45	66.45
DISCCART	732671.38	4052406.50	66.38	66.38
DISCCART	732671.38	4052431.50	66.26	66.26
DISCCART	732671.38	4052456.50	66.17	66.17
DISCCART	732671.38	4052481.50	66.10	66.10
DISCCART	732671.38	4052506.50	66.03	66.03
DISCCART	732671.38	4052531.50	65.94	65.94
DISCCART	732671.38	4052556.50	65.84	65.84
DISCCART	732671.38	4052581.50	65.76	65.76
DISCCART	732671.38	4052606.50	65.67	65.67
DISCCART	732671.38	4052631.50	65.59	65.59
DISCCART	732671.38	4052656.50	65.51	65.51
DISCCART	732671.38	4052681.50	65.43	65.43
DISCCART	732671.38	4052706.50	65.34	65.34
DISCCART	732671.38	4052731.50	65.25	65.25
DISCCART	732671.38	4052756.50	65.18	65.18
DISCCART	732671.38	4052781.50	65.10	65.10
DISCCART	732671.38	4052806.50	65.02	65.02
DISCCART	732671.38	4052831.50	64.94	64.94
DISCCART	732671.38	4052856.50	64.84	64.84
DISCCART	732671.38	4052881.50	64.76	64.76
DISCCART	732671.38	4052906.50	64.67	64.67
DISCCART	732671.38	4052931.50	64.60	64.60
DISCCART	732671.38	4052956.50	64.53	64.53
DISCCART	732671.38	4052981.50	64.44	64.44
DISCCART	732671.38	4053006.50	64.35	64.35
DISCCART	732671.38	4053031.50	64.25	64.25
DISCCART	732671.38	4053056.50	64.20	64.20
DISCCART	732671.38	4053081.50	64.14	64.14
DISCCART	732671.38	4053106.50	64.05	64.05
DISCCART	732671.38	4053131.50	63.95	63.95
DISCCART	732671.38	4053156.50	63.90	63.90
DISCCART	732671.38	4053181.50	63.84	63.84
DISCCART	732671.38	4053206.50	63.74	63.74
DISCCART	732671.38	4053231.50	63.65	63.65
DISCCART	732671.38	4054006.50	62.43	62.43
DISCCART	732671.38	4054031.50	62.34	62.34
DISCCART	732671.38	4054056.50	62.34	62.34
DISCCART	732671.38	4054081.50	62.34	62.34
DISCCART	732671.38	4055231.50	61.64	61.64
DISCCART	732671.38	4055256.50	61.64	61.64
DISCCART	732671.38	4055281.50	61.64	61.64
DISCCART	732671.38	4055306.50	61.64	61.64
DISCCART	732671.38	4055331.50	61.64	61.64
DISCCART	732696.38	4052331.50	66.58	66.58
DISCCART	732696.38	4052356.50	66.50	66.50
DISCCART	732696.38	4052381.50	66.37	66.37
DISCCART	732696.38	4052406.50	66.31	66.31
DISCCART	732696.38	4052431.50	66.23	66.23
DISCCART	732696.38	4052456.50	66.14	66.14
DISCCART	732696.38	4052481.50	66.04	66.04
DISCCART	732696.38	4052506.50	65.94	65.94
DISCCART	732696.38	4052531.50	65.87	65.87
DISCCART	732696.38	4052556.50	65.75	65.75
DISCCART	732696.38	4052581.50	65.69	65.69
DISCCART	732696.38	4052606.50	65.62	65.62
DISCCART	732696.38	4052631.50	65.53	65.53
DISCCART	732696.38	4052656.50	65.44	65.44
DISCCART	732696.38	4052681.50	65.34	65.34
DISCCART	732696.38	4052706.50	65.30	65.30
DISCCART	732696.38	4052731.50	65.23	65.23
DISCCART	732696.38	4052756.50	65.14	65.14
DISCCART	732696.38	4052781.50	65.04	65.04
DISCCART	732696.38	4052806.50	64.95	64.95
DISCCART	732696.38	4052831.50	64.86	64.86
DISCCART	732696.38	4052856.50	64.80	64.80
DISCCART	732696.38	4052881.50	64.72	64.72
DISCCART	732696.38	4052906.50	64.64	64.64

DISCCART	732696.38	4052931.50	64.54	64.54
DISCCART	732696.38	4052956.50	64.45	64.45
DISCCART	732696.38	4052981.50	64.38	64.38
DISCCART	732696.38	4053006.50	64.30	64.30
DISCCART	732696.38	4053031.50	64.23	64.23
DISCCART	732696.38	4053056.50	64.14	64.14
DISCCART	732696.38	4053081.50	64.06	64.06
DISCCART	732696.38	4053106.50	63.99	63.99
DISCCART	732696.38	4053131.50	63.93	63.93
DISCCART	732696.38	4053156.50	63.84	63.84
DISCCART	732696.38	4053181.50	63.75	63.75
DISCCART	732696.38	4053206.50	63.70	63.70
DISCCART	732696.38	4053231.50	63.64	63.64
DISCCART	732696.38	4054006.50	62.34	62.34
DISCCART	732696.38	4054031.50	62.34	62.34
DISCCART	732696.38	4054056.50	62.34	62.34
DISCCART	732696.38	4054081.50	62.25	62.25
DISCCART	732696.38	4055231.50	61.64	61.64
DISCCART	732696.38	4055256.50	61.64	61.64
DISCCART	732696.38	4055281.50	61.64	61.64
DISCCART	732696.38	4055306.50	61.64	61.64
DISCCART	732696.38	4055331.50	61.64	61.64
DISCCART	732721.38	4052331.50	66.54	66.54
DISCCART	732721.38	4052356.50	66.42	66.42
DISCCART	732721.38	4052381.50	66.34	66.34
DISCCART	732721.38	4052406.50	66.24	66.24
DISCCART	732721.38	4052431.50	66.15	66.15
DISCCART	732721.38	4052456.50	66.04	66.04
DISCCART	732721.38	4052481.50	65.98	65.98
DISCCART	732721.38	4052506.50	65.92	65.92
DISCCART	732721.38	4052531.50	65.80	65.80
DISCCART	732721.38	4052556.50	65.73	65.73
DISCCART	732721.38	4052581.50	65.64	65.64
DISCCART	732721.38	4052606.50	65.55	65.55
DISCCART	732721.38	4052631.50	65.46	65.46
DISCCART	732721.38	4052656.50	65.37	65.37
DISCCART	732721.38	4052681.50	65.34	65.34
DISCCART	732721.38	4052706.50	65.24	65.24
DISCCART	732721.38	4052731.50	65.14	65.14
DISCCART	732721.38	4052756.50	65.05	65.05
DISCCART	732721.38	4052781.50	64.96	64.96
DISCCART	732721.38	4052806.50	64.93	64.93
DISCCART	732721.38	4052831.50	64.84	64.84
DISCCART	732721.38	4052856.50	64.74	64.74
DISCCART	732721.38	4052881.50	64.64	64.64
DISCCART	732721.38	4052906.50	64.55	64.55
DISCCART	732721.38	4052931.50	64.50	64.50
DISCCART	732721.38	4052956.50	64.43	64.43
DISCCART	732721.38	4052981.50	64.34	64.34
DISCCART	732721.38	4053006.50	64.25	64.25
DISCCART	732721.38	4053031.50	64.15	64.15
DISCCART	732721.38	4053056.50	64.08	64.08
DISCCART	732721.38	4053081.50	64.04	64.04
DISCCART	732721.38	4053106.50	63.94	63.94
DISCCART	732721.38	4053131.50	63.85	63.85
DISCCART	732721.38	4053156.50	63.77	63.77
DISCCART	732721.38	4053181.50	63.74	63.74
DISCCART	732721.38	4053206.50	63.64	63.64
DISCCART	732721.38	4053231.50	63.56	63.56
DISCCART	732721.38	4054006.50	62.34	62.34
DISCCART	732721.38	4054031.50	62.31	62.31
DISCCART	732721.38	4054056.50	62.24	62.24
DISCCART	732721.38	4054081.50	62.24	62.24
DISCCART	732721.38	4055231.50	61.54	61.54
DISCCART	732721.38	4055256.50	61.58	61.58
DISCCART	732721.38	4055281.50	61.59	61.59
DISCCART	732721.38	4055306.50	61.58	61.58
DISCCART	732721.38	4055331.50	61.58	61.58
DISCCART	732746.38	4052331.50	66.44	66.44
DISCCART	732746.38	4052356.50	66.35	66.35
DISCCART	732746.38	4052381.50	66.26	66.26
DISCCART	732746.38	4052406.50	66.15	66.15
DISCCART	732746.38	4052431.50	66.08	66.08
DISCCART	732746.38	4052456.50	66.01	66.01
DISCCART	732746.38	4052481.50	65.92	65.92
DISCCART	732746.38	4052506.50	65.84	65.84
DISCCART	732746.38	4052531.50	65.74	65.74
DISCCART	732746.38	4052556.50	65.66	65.66
DISCCART	732746.38	4052581.50	65.58	65.58
DISCCART	732746.38	4052606.50	65.50	65.50
DISCCART	732746.38	4052631.50	65.43	65.43
DISCCART	732746.38	4052656.50	65.34	65.34
DISCCART	732746.38	4052681.50	65.24	65.24
DISCCART	732746.38	4052706.50	65.15	65.15
DISCCART	732746.38	4052731.50	65.07	65.07
DISCCART	732746.38	4052756.50	65.04	65.04
DISCCART	732746.38	4052781.50	64.94	64.94
DISCCART	732746.38	4052806.50	64.84	64.84
DISCCART	732746.38	4052831.50	64.77	64.77
DISCCART	732746.38	4052856.50	64.65	64.65
DISCCART	732746.38	4052881.50	64.59	64.59
DISCCART	732746.38	4052906.50	64.54	64.54
DISCCART	732746.38	4052931.50	64.44	64.44
DISCCART	732746.38	4052956.50	64.35	64.35
DISCCART	732746.38	4052981.50	64.27	64.27
DISCCART	732746.38	4053006.50	64.20	64.20
DISCCART	732746.38	4053031.50	64.13	64.13
DISCCART	732746.38	4053056.50	64.04	64.04
DISCCART	732746.38	4053081.50	63.94	63.94
DISCCART	732746.38	4053106.50	63.86	63.86
DISCCART	732746.38	4053131.50	63.83	63.83
DISCCART	732746.38	4053156.50	63.74	63.74
DISCCART	732746.38	4053181.50	63.65	63.65
DISCCART	732746.38	4053206.50	63.60	63.60
DISCCART	732746.38	4053231.50	63.52	63.52
DISCCART	732746.38	4054006.50	62.32	62.32
DISCCART	732746.38	4054031.50	62.25	62.25
DISCCART	732746.38	4054056.50	62.24	62.24
DISCCART	732746.38	4054081.50	62.24	62.24
DISCCART	732746.38	4055231.50	61.54	61.54
DISCCART	732746.38	4055256.50	61.54	61.54
DISCCART	732746.38	4055281.50	61.54	61.54
DISCCART	732746.38	4055306.50	61.54	61.54
DISCCART	732746.38	4055331.50	61.54	61.54
DISCCART	732771.38	4052331.50	66.40	66.40
DISCCART	732771.38	4052356.50	66.31	66.31
DISCCART	732771.38	4052381.50	66.20	66.20

DISCCART	732771.38	4052406.50	66.13	66.13
DISCCART	732771.38	4052431.50	66.04	66.04
DISCCART	732771.38	4052456.50	65.94	65.94
DISCCART	732771.38	4052481.50	65.86	65.86
DISCCART	732771.38	4052506.50	65.78	65.78
DISCCART	732771.38	4052531.50	65.70	65.70
DISCCART	732771.38	4052556.50	65.61	65.61
DISCCART	732771.38	4052581.50	65.53	65.53
DISCCART	732771.38	4052606.50	65.44	65.44
DISCCART	732771.38	4052631.50	65.35	65.35
DISCCART	732771.38	4052656.50	65.27	65.27
DISCCART	732771.38	4052681.50	65.20	65.20
DISCCART	732771.38	4052706.50	65.12	65.12
DISCCART	732771.38	4052731.50	65.04	65.04
DISCCART	732771.38	4052756.50	64.94	64.94
DISCCART	732771.38	4052781.50	64.87	64.87
DISCCART	732771.38	4052806.50	64.82	64.82
DISCCART	732771.38	4052831.50	64.70	64.70
DISCCART	732771.38	4052856.50	64.63	64.63
DISCCART	732771.38	4052881.50	64.54	64.54
DISCCART	732771.38	4052906.50	64.45	64.45
DISCCART	732771.38	4052931.50	64.36	64.36
DISCCART	732771.38	4052956.50	64.31	64.31
DISCCART	732771.38	4052981.50	64.24	64.24
DISCCART	732771.38	4053006.50	64.14	64.14
DISCCART	732771.38	4053031.50	64.05	64.05
DISCCART	732771.38	4053056.50	63.98	63.98
DISCCART	732771.38	4053081.50	63.90	63.90
DISCCART	732771.38	4053106.50	63.84	63.84
DISCCART	732771.38	4053131.50	63.74	63.74
DISCCART	732771.38	4053156.50	63.68	63.68
DISCCART	732771.38	4053181.50	63.60	63.60
DISCCART	732771.38	4053206.50	63.54	63.54
DISCCART	732771.38	4053231.50	63.46	63.46
DISCCART	732771.38	4054006.50	62.24	62.24
DISCCART	732771.38	4054031.50	62.24	62.24
DISCCART	732771.38	4054056.50	62.22	62.22
DISCCART	732771.38	4054081.50	62.14	62.14
DISCCART	732771.38	4055231.50	61.54	61.54
DISCCART	732771.38	4055256.50	61.54	61.54
DISCCART	732771.38	4055281.50	61.54	61.54
DISCCART	732771.38	4055306.50	61.54	61.54
DISCCART	732771.38	4055331.50	61.54	61.54
DISCCART	732796.38	4052331.50	66.34	66.34
DISCCART	732796.38	4052356.50	66.24	66.24
DISCCART	732796.38	4052381.50	66.15	66.15
DISCCART	732796.38	4052406.50	66.04	66.04
DISCCART	732796.38	4052431.50	65.97	65.97
DISCCART	732796.38	4052456.50	65.85	65.85
DISCCART	732796.38	4052481.50	65.79	65.79
DISCCART	732796.38	4052506.50	65.72	65.72
DISCCART	732796.38	4052531.50	65.62	65.62
DISCCART	732796.38	4052556.50	65.54	65.54
DISCCART	732796.38	4052581.50	65.44	65.44
DISCCART	732796.38	4052606.50	65.36	65.36
DISCCART	732796.38	4052631.50	65.27	65.27
DISCCART	732796.38	4052656.50	65.24	65.24
DISCCART	732796.38	4052681.50	65.14	65.14
DISCCART	732796.38	4052706.50	65.05	65.05
DISCCART	732796.38	4052731.50	64.97	64.97
DISCCART	732796.38	4052756.50	64.93	64.93
DISCCART	732796.38	4052781.50	64.84	64.84
DISCCART	732796.38	4052806.50	64.74	64.74
DISCCART	732796.38	4052831.50	64.64	64.64
DISCCART	732796.38	4052856.50	64.55	64.55
DISCCART	732796.38	4052881.50	64.48	64.48
DISCCART	732796.38	4052906.50	64.40	64.40
DISCCART	732796.38	4052931.50	64.32	64.32
DISCCART	732796.38	4052956.50	64.24	64.24
DISCCART	732796.38	4052981.50	64.14	64.14
DISCCART	732796.38	4053006.50	64.06	64.06
DISCCART	732796.38	4053031.50	63.97	63.97
DISCCART	732796.38	4053056.50	63.94	63.94
DISCCART	732796.38	4053081.50	63.84	63.84
DISCCART	732796.38	4053106.50	63.75	63.75
DISCCART	732796.38	4053131.50	63.68	63.68
DISCCART	732796.38	4053156.50	63.64	63.64
DISCCART	732796.38	4053181.50	63.55	63.55
DISCCART	732796.38	4053206.50	63.45	63.45
DISCCART	732796.38	4053231.50	63.42	63.42
DISCCART	732796.38	4054006.50	62.24	62.24
DISCCART	732796.38	4054031.50	62.22	62.22
DISCCART	732796.38	4054056.50	62.14	62.14
DISCCART	732796.38	4054081.50	62.14	62.14
DISCCART	732796.38	4055231.50	61.46	61.46
DISCCART	732796.38	4055256.50	61.46	61.46
DISCCART	732796.38	4055281.50	61.46	61.46
DISCCART	732796.38	4055306.50	61.46	61.46
DISCCART	732796.38	4055331.50	61.46	61.46
DISCCART	732821.38	4052331.50	66.25	66.25
DISCCART	732821.38	4052356.50	66.17	66.17
DISCCART	732821.38	4052381.50	66.08	66.08
DISCCART	732821.38	4052406.50	65.97	65.97
DISCCART	732821.38	4052431.50	65.90	65.90
DISCCART	732821.38	4052456.50	65.83	65.83
DISCCART	732821.38	4052481.50	65.73	65.73
DISCCART	732821.38	4052506.50	65.65	65.65
DISCCART	732821.38	4052531.50	65.56	65.56
DISCCART	732821.38	4052556.50	65.48	65.48
DISCCART	732821.38	4052581.50	65.40	65.40
DISCCART	732821.38	4052606.50	65.32	65.32
DISCCART	732821.38	4052631.50	65.25	65.25
DISCCART	732821.38	4052656.50	65.14	65.14
DISCCART	732821.38	4052681.50	65.05	65.05
DISCCART	732821.38	4052706.50	65.03	65.03
DISCCART	732821.38	4052731.50	64.94	64.94
DISCCART	732821.38	4052756.50	64.84	64.84
DISCCART	732821.38	4052781.50	64.76	64.76
DISCCART	732821.38	4052806.50	64.68	64.68
DISCCART	732821.38	4052831.50	64.60	64.60
DISCCART	732821.38	4052856.50	64.52	64.52
DISCCART	732821.38	4052881.50	64.44	64.44
DISCCART	732821.38	4052906.50	64.35	64.35
DISCCART	732821.38	4052931.50	64.25	64.25
DISCCART	732821.38	4052956.50	64.17	64.17
DISCCART	732821.38	4052981.50	64.10	64.10
DISCCART	732821.38	4053006.50	64.02	64.02

DISCCART	732821.38	4053031.50	63.94	63.94
DISCCART	732821.38	4053056.50	63.84	63.84
DISCCART	732821.38	4053081.50	63.77	63.77
DISCCART	732821.38	4054006.50	62.22	62.22
DISCCART	732821.38	4054031.50	62.14	62.14
DISCCART	732821.38	4054056.50	62.14	62.14
DISCCART	732821.38	4054081.50	62.14	62.14
DISCCART	732821.38	4055256.50	61.44	61.44
DISCCART	732821.38	4055281.50	61.44	61.44
DISCCART	732821.38	4055306.50	61.44	61.44
DISCCART	732821.38	4055331.50	61.44	61.44
DISCCART	732846.38	4052331.50	66.23	66.23
DISCCART	732846.38	4052356.50	66.13	66.13
DISCCART	732846.38	4052381.50	66.03	66.03
DISCCART	732846.38	4052406.50	65.94	65.94
DISCCART	732846.38	4052431.50	65.84	65.84
DISCCART	732846.38	4052456.50	65.75	65.75
DISCCART	732846.38	4052481.50	65.67	65.67
DISCCART	732846.38	4052506.50	65.56	65.56
DISCCART	732846.38	4052531.50	65.48	65.48
DISCCART	732846.38	4052556.50	65.41	65.41
DISCCART	732846.38	4052581.50	65.34	65.34
DISCCART	732846.38	4052606.50	65.24	65.24
DISCCART	732846.38	4052631.50	65.16	65.16
DISCCART	732846.38	4052656.50	65.10	65.10
DISCCART	732846.38	4052681.50	65.03	65.03
DISCCART	732846.38	4052706.50	64.94	64.94
DISCCART	732846.38	4052731.50	64.84	64.84
DISCCART	732846.38	4052756.50	64.75	64.75
DISCCART	732846.38	4052781.50	64.72	64.72
DISCCART	732846.38	4052806.50	64.62	64.62
DISCCART	732846.38	4052831.50	64.53	64.53
DISCCART	732846.38	4052856.50	64.44	64.44
DISCCART	732846.38	4052881.50	64.35	64.35
DISCCART	732846.38	4054006.50	62.14	62.14
DISCCART	732846.38	4054031.50	62.14	62.14
DISCCART	732846.38	4054056.50	62.12	62.12
DISCCART	732846.38	4054081.50	62.04	62.04
DISCCART	732846.38	4055256.50	61.44	61.44
DISCCART	732846.38	4055281.50	61.44	61.44
DISCCART	732846.38	4055306.50	61.44	61.44
DISCCART	732846.38	4055331.50	61.44	61.44
DISCCART	732871.38	4052331.50	66.14	66.14
DISCCART	732871.38	4052356.50	66.04	66.04
DISCCART	732871.38	4052381.50	65.96	65.96
DISCCART	732871.38	4052406.50	65.84	65.84
DISCCART	732871.38	4052431.50	65.76	65.76
DISCCART	732871.38	4052456.50	65.68	65.68
DISCCART	732871.38	4052481.50	65.60	65.60
DISCCART	732871.38	4052506.50	65.52	65.52
DISCCART	732871.38	4052531.50	65.44	65.44
DISCCART	732871.38	4052556.50	65.35	65.35
DISCCART	732871.38	4052581.50	65.25	65.25
DISCCART	732871.38	4052606.50	65.17	65.17
DISCCART	732871.38	4052631.50	65.10	65.10
DISCCART	732871.38	4052656.50	65.04	65.04
DISCCART	732871.38	4052681.50	64.94	64.94
DISCCART	732871.38	4052706.50	64.88	64.88
DISCCART	732871.38	4052731.50	64.80	64.80
DISCCART	732871.38	4052756.50	64.73	64.73
DISCCART	732871.38	4052781.50	64.64	64.64
DISCCART	732871.38	4052806.50	64.55	64.55
DISCCART	732871.38	4052831.50	64.46	64.46
DISCCART	732871.38	4052856.50	64.38	64.38
DISCCART	732871.38	4052881.50	64.30	64.30
DISCCART	732871.38	4054006.50	62.14	62.14
DISCCART	732871.38	4054031.50	62.10	62.10
DISCCART	732871.38	4054056.50	62.04	62.04
DISCCART	732871.38	4054081.50	62.04	62.04
DISCCART	732871.38	4055256.50	61.34	61.34
DISCCART	732871.38	4055281.50	61.34	61.34
DISCCART	732871.38	4055306.50	61.34	61.34
DISCCART	732871.38	4055331.50	61.34	61.34
DISCCART	732896.38	4052331.50	66.08	66.08
DISCCART	732896.38	4052356.50	66.01	66.01
DISCCART	732896.38	4052381.50	65.89	65.89
DISCCART	732896.38	4052406.50	65.81	65.81
DISCCART	732896.38	4052431.50	65.72	65.72
DISCCART	732896.38	4052456.50	65.61	65.61
DISCCART	732896.38	4052481.50	65.52	65.52
DISCCART	732896.38	4052506.50	65.44	65.44
DISCCART	732896.38	4052531.50	65.34	65.34
DISCCART	732896.38	4052556.50	65.26	65.26
DISCCART	732896.38	4052581.50	65.17	65.17
DISCCART	732896.38	4052606.50	65.14	65.14
DISCCART	732896.38	4052631.50	65.04	65.04
DISCCART	732896.38	4052656.50	64.95	64.95
DISCCART	732896.38	4052681.50	64.87	64.87
DISCCART	732896.38	4052706.50	64.81	64.81
DISCCART	732896.38	4052731.50	64.73	64.73
DISCCART	732896.38	4052756.50	64.64	64.64
DISCCART	732896.38	4052781.50	64.55	64.55
DISCCART	732896.38	4052806.50	64.46	64.46
DISCCART	732896.38	4052831.50	64.39	64.39
DISCCART	732896.38	4052856.50	64.34	64.34
DISCCART	732896.38	4052881.50	64.24	64.24
DISCCART	732896.38	4054006.50	62.10	62.10
DISCCART	732896.38	4054031.50	62.04	62.04
DISCCART	732896.38	4054056.50	62.04	62.04
DISCCART	732896.38	4054081.50	62.02	62.02
DISCCART	732896.38	4055256.50	61.34	61.34
DISCCART	732896.38	4055281.50	61.34	61.34
DISCCART	732896.38	4055306.50	61.34	61.34
DISCCART	732896.38	4055331.50	61.34	61.34
DISCCART	732921.38	4052331.50	66.04	66.04
DISCCART	732921.38	4052356.50	65.94	65.94
DISCCART	732921.38	4052381.50	65.83	65.83
DISCCART	732921.38	4052406.50	65.73	65.73
DISCCART	732921.38	4052431.50	65.63	65.63
DISCCART	732921.38	4052456.50	65.55	65.55
DISCCART	732921.38	4052481.50	65.46	65.46
DISCCART	732921.38	4052506.50	65.38	65.38
DISCCART	732921.38	4052531.50	65.30	65.30
DISCCART	732921.38	4052556.50	65.22	65.22
DISCCART	732921.38	4052581.50	65.14	65.14
DISCCART	732921.38	4052606.50	65.04	65.04
DISCCART	732921.38	4052631.50	64.95	64.95

DISCCART	732921.38	4052656.50	64.87	64.87
DISCCART	732921.38	4052681.50	64.84	64.84
DISCCART	732921.38	4052706.50	64.74	64.74
DISCCART	732921.38	4052731.50	64.66	64.66
DISCCART	732921.38	4052756.50	64.58	64.58
DISCCART	732921.38	4052781.50	64.50	64.50
DISCCART	732921.38	4052806.50	64.42	64.42
DISCCART	732921.38	4052831.50	64.34	64.34
DISCCART	732921.38	4052856.50	64.25	64.25
DISCCART	732921.38	4052881.50	64.15	64.15
DISCCART	732921.38	4054006.50	62.04	62.04
DISCCART	732921.38	4054031.50	62.04	62.04
DISCCART	732921.38	4054056.50	62.03	62.03
DISCCART	732921.38	4054081.50	61.94	61.94
DISCCART	732921.38	4055256.50	61.34	61.34
DISCCART	732921.38	4055281.50	61.34	61.34
DISCCART	732921.38	4055306.50	61.34	61.34
DISCCART	732921.38	4055331.50	61.34	61.34
DISCCART	732946.38	4052331.50	65.94	65.94
DISCCART	732946.38	4052356.50	65.85	65.85
DISCCART	732946.38	4052381.50	65.74	65.74
DISCCART	732946.38	4052406.50	65.66	65.66
DISCCART	732946.38	4052431.50	65.57	65.57
DISCCART	732946.38	4052456.50	65.46	65.46
DISCCART	732946.38	4052481.50	65.37	65.37
DISCCART	732946.38	4052506.50	65.30	65.30
DISCCART	732946.38	4052531.50	65.23	65.23
DISCCART	732946.38	4052556.50	65.14	65.14
DISCCART	732946.38	4052581.50	65.05	65.05
DISCCART	732946.38	4052606.50	64.95	64.95
DISCCART	732946.38	4052631.50	64.88	64.88
DISCCART	732946.38	4052656.50	64.84	64.84
DISCCART	732946.38	4052681.50	64.74	64.74
DISCCART	732946.38	4052706.50	64.65	64.65
DISCCART	732946.38	4052731.50	64.58	64.58
DISCCART	732946.38	4052756.50	64.50	64.50
DISCCART	732946.38	4052781.50	64.42	64.42
DISCCART	732946.38	4052806.50	64.34	64.34
DISCCART	732946.38	4052831.50	64.25	64.25
DISCCART	732946.38	4052856.50	64.16	64.16
DISCCART	732946.38	4052881.50	64.07	64.07
DISCCART	732946.38	4054006.50	62.04	62.04
DISCCART	732946.38	4054031.50	62.02	62.02
DISCCART	732946.38	4054056.50	61.94	61.94
DISCCART	732946.38	4054081.50	61.94	61.94
DISCCART	732946.38	4055256.50	61.24	61.24
DISCCART	732946.38	4055281.50	61.24	61.24
DISCCART	732946.38	4055306.50	61.24	61.24
DISCCART	732946.38	4055331.50	61.24	61.24
DISCCART	732971.38	4052331.50	65.89	65.89
DISCCART	732971.38	4052356.50	65.77	65.77
DISCCART	732971.38	4052381.50	65.68	65.68
DISCCART	732971.38	4052406.50	65.57	65.57
DISCCART	732971.38	4052431.50	65.50	65.50
DISCCART	732971.38	4052456.50	65.40	65.40
DISCCART	732971.38	4052481.50	65.30	65.30
DISCCART	732971.38	4052506.50	65.22	65.22
DISCCART	732971.38	4052531.50	65.14	65.14
DISCCART	732971.38	4052556.50	65.04	65.04
DISCCART	732971.38	4052581.50	64.95	64.95
DISCCART	732971.38	4052606.50	64.93	64.93
DISCCART	732971.38	4052631.50	64.84	64.84
DISCCART	732971.38	4052656.50	64.74	64.74
DISCCART	732971.38	4052681.50	64.66	64.66
DISCCART	732971.38	4052706.50	64.57	64.57
DISCCART	732971.38	4052731.50	64.50	64.50
DISCCART	732971.38	4052756.50	64.44	64.44
DISCCART	732971.38	4052781.50	64.34	64.34
DISCCART	732971.38	4052806.50	64.28	64.28
DISCCART	732971.38	4052831.50	64.20	64.20
DISCCART	732971.38	4052856.50	64.12	64.12
DISCCART	732971.38	4052881.50	64.04	64.04
DISCCART	732971.38	4054006.50	61.99	61.99
DISCCART	732971.38	4054031.50	61.94	61.94
DISCCART	732971.38	4054056.50	61.94	61.94
DISCCART	732971.38	4054081.50	61.94	61.94
DISCCART	732971.38	4055256.50	61.24	61.24
DISCCART	732971.38	4055281.50	61.24	61.24
DISCCART	732971.38	4055306.50	61.24	61.24
DISCCART	732971.38	4055331.50	61.24	61.24
DISCCART	732996.38	4052331.50	65.83	65.83
DISCCART	732996.38	4052356.50	65.70	65.70
DISCCART	732996.38	4052381.50	65.63	65.63
DISCCART	732996.38	4052406.50	65.50	65.50
DISCCART	732996.38	4052431.50	65.43	65.43
DISCCART	732996.38	4052456.50	65.34	65.34
DISCCART	732996.38	4052481.50	65.25	65.25
DISCCART	732996.38	4052506.50	65.13	65.13
DISCCART	732996.38	4052531.50	65.05	65.05
DISCCART	732996.38	4052556.50	64.95	64.95
DISCCART	732996.38	4052581.50	64.87	64.87
DISCCART	732996.38	4052606.50	64.84	64.84
DISCCART	732996.38	4052631.50	64.74	64.74
DISCCART	732996.38	4052656.50	64.65	64.65
DISCCART	732996.38	4052681.50	64.58	64.58
DISCCART	732996.38	4052706.50	64.54	64.54
DISCCART	732996.38	4052731.50	64.44	64.44
DISCCART	732996.38	4052756.50	64.36	64.36
DISCCART	732996.38	4052781.50	64.27	64.27
DISCCART	732996.38	4052806.50	64.20	64.20
DISCCART	732996.38	4052831.50	64.13	64.13
DISCCART	732996.38	4052856.50	64.04	64.04
DISCCART	732996.38	4052881.50	63.94	63.94
DISCCART	732996.38	4054006.50	61.94	61.94
DISCCART	732996.38	4054031.50	61.94	61.94
DISCCART	732996.38	4054056.50	61.91	61.91
DISCCART	732996.38	4054081.50	61.84	61.84
DISCCART	732996.38	4055256.50	61.22	61.22
DISCCART	732996.38	4055281.50	61.22	61.22
DISCCART	732996.38	4055306.50	61.22	61.22
DISCCART	732996.38	4055331.50	61.22	61.22
DISCCART	733021.38	4052331.50	65.74	65.74
DISCCART	733021.38	4052356.50	65.63	65.63
DISCCART	733021.38	4052381.50	65.54	65.54
DISCCART	733021.38	4052406.50	65.45	65.45
DISCCART	733021.38	4052431.50	65.34	65.34
DISCCART	733021.38	4052456.50	65.24	65.24

DISCCART	733021.38	4052481.50	65.15	65.15
DISCCART	733021.38	4052506.50	65.07	65.07
DISCCART	733021.38	4052531.50	64.97	64.97
DISCCART	733021.38	4052556.50	64.92	64.92
DISCCART	733021.38	4052581.50	64.84	64.84
DISCCART	733021.38	4052606.50	64.74	64.74
DISCCART	733021.38	4052631.50	64.65	64.65
DISCCART	733021.38	4052656.50	64.63	64.63
DISCCART	733021.38	4052681.50	64.54	64.54
DISCCART	733021.38	4052706.50	64.45	64.45
DISCCART	733021.38	4052731.50	64.35	64.35
DISCCART	733021.38	4052756.50	64.28	64.28
DISCCART	733021.38	4052781.50	64.20	64.20
DISCCART	733021.38	4052806.50	64.12	64.12
DISCCART	733021.38	4052831.50	64.04	64.04
DISCCART	733021.38	4052856.50	63.94	63.94
DISCCART	733021.38	4052881.50	63.90	63.90
DISCCART	733021.38	4054006.50	61.94	61.94
DISCCART	733021.38	4054031.50	61.90	61.90
DISCCART	733021.38	4054056.50	61.84	61.84
DISCCART	733021.38	4054081.50	61.84	61.84
DISCCART	733021.38	4055256.50	61.14	61.14
DISCCART	733021.38	4055281.50	61.14	61.14
DISCCART	733021.38	4055306.50	61.14	61.14
DISCCART	733021.38	4055331.50	61.14	61.14
DISCCART	733046.38	4052331.50	65.64	65.64
DISCCART	733046.38	4052356.50	65.56	65.56
DISCCART	733046.38	4052381.50	65.44	65.44
DISCCART	733046.38	4052406.50	65.36	65.36
DISCCART	733046.38	4052431.50	65.26	65.26
DISCCART	733046.38	4052456.50	65.16	65.16
DISCCART	733046.38	4052481.50	65.07	65.07
DISCCART	733046.38	4052506.50	65.00	65.00
DISCCART	733046.38	4052531.50	64.93	64.93
DISCCART	733046.38	4052556.50	64.84	64.84
DISCCART	733046.38	4052581.50	64.75	64.75
DISCCART	733046.38	4052606.50	64.65	64.65
DISCCART	733046.38	4052631.50	64.63	64.63
DISCCART	733046.38	4052656.50	64.54	64.54
DISCCART	733046.38	4052681.50	64.44	64.44
DISCCART	733046.38	4052706.50	64.36	64.36
DISCCART	733046.38	4052731.50	64.27	64.27
DISCCART	733046.38	4052756.50	64.20	64.20
DISCCART	733046.38	4052781.50	64.13	64.13
DISCCART	733046.38	4052806.50	64.04	64.04
DISCCART	733046.38	4052831.50	63.96	63.96
DISCCART	733046.38	4052856.50	63.90	63.90
DISCCART	733046.38	4052881.50	63.83	63.83
DISCCART	733046.38	4054006.50	61.85	61.85
DISCCART	733046.38	4054031.50	61.84	61.84
DISCCART	733046.38	4054056.50	61.84	61.84
DISCCART	733046.38	4054081.50	61.81	61.81
DISCCART	733046.38	4055256.50	61.14	61.14
DISCCART	733046.38	4055281.50	61.14	61.14
DISCCART	733046.38	4055306.50	61.14	61.14
DISCCART	733046.38	4055331.50	61.14	61.14
DISCCART	733071.38	4052331.50	65.55	65.55
DISCCART	733071.38	4052356.50	65.47	65.47
DISCCART	733071.38	4052381.50	65.36	65.36
DISCCART	733071.38	4052406.50	65.28	65.28
DISCCART	733071.38	4052431.50	65.20	65.20
DISCCART	733071.38	4052456.50	65.11	65.11
DISCCART	733071.38	4052481.50	65.00	65.00
DISCCART	733071.38	4052506.50	64.93	64.93
DISCCART	733071.38	4052531.50	64.84	64.84
DISCCART	733071.38	4052556.50	64.74	64.74
DISCCART	733071.38	4052581.50	64.69	64.69
DISCCART	733071.38	4052606.50	64.63	64.63
DISCCART	733071.38	4052631.50	64.54	64.54
DISCCART	733071.38	4052656.50	64.45	64.45
DISCCART	733071.38	4052681.50	64.35	64.35
DISCCART	733071.38	4052706.50	64.28	64.28
DISCCART	733071.38	4052731.50	64.20	64.20
DISCCART	733071.38	4052756.50	64.14	64.14
DISCCART	733071.38	4052781.50	64.05	64.05
DISCCART	733071.38	4052806.50	63.97	63.97
DISCCART	733071.38	4052831.50	63.90	63.90
DISCCART	733071.38	4052856.50	63.83	63.83
DISCCART	733071.38	4052881.50	63.74	63.74
DISCCART	733071.38	4054006.50	61.84	61.84
DISCCART	733071.38	4054031.50	61.84	61.84
DISCCART	733071.38	4054056.50	61.77	61.77
DISCCART	733071.38	4054081.50	61.74	61.74
DISCCART	733071.38	4055256.50	61.04	61.04
DISCCART	733071.38	4055281.50	61.04	61.04
DISCCART	733071.38	4055306.50	61.06	61.06
DISCCART	733071.38	4055331.50	61.08	61.08
DISCCART	733096.38	4052331.50	65.47	65.47
DISCCART	733096.38	4052356.50	65.40	65.40
DISCCART	733096.38	4052381.50	65.33	65.33
DISCCART	733096.38	4052406.50	65.20	65.20
DISCCART	733096.38	4052431.50	65.13	65.13
DISCCART	733096.38	4052456.50	65.04	65.04
DISCCART	733096.38	4052481.50	64.94	64.94
DISCCART	733096.38	4052506.50	64.84	64.84
DISCCART	733096.38	4052531.50	64.77	64.77
DISCCART	733096.38	4052556.50	64.70	64.70
DISCCART	733096.38	4052581.50	64.62	64.62
DISCCART	733096.38	4052606.50	64.54	64.54
DISCCART	733096.38	4052631.50	64.44	64.44
DISCCART	733096.38	4052656.50	64.36	64.36
DISCCART	733096.38	4052681.50	64.33	64.33
DISCCART	733096.38	4052706.50	64.24	64.24
DISCCART	733096.38	4052731.50	64.15	64.15
DISCCART	733096.38	4052756.50	64.06	64.06
DISCCART	733096.38	4052781.50	63.97	63.97
DISCCART	733096.38	4052806.50	63.90	63.90
DISCCART	733096.38	4052831.50	63.83	63.83
DISCCART	733096.38	4052856.50	63.74	63.74
DISCCART	733096.38	4052881.50	63.65	63.65
DISCCART	733096.38	4054006.50	61.84	61.84
DISCCART	733096.38	4054031.50	61.75	61.75
DISCCART	733096.38	4054056.50	61.74	61.74
DISCCART	733096.38	4054081.50	61.74	61.74
DISCCART	733096.38	4054106.50	61.74	61.74
DISCCART	733096.38	4055256.50	61.04	61.04
DISCCART	733096.38	4055281.50	61.04	61.04

DISCCART	733096.38	4055306.50	61.04	61.04
DISCCART	733096.38	4055331.50	61.04	61.04
DISCCART	733121.38	4052331.50	65.44	65.44
DISCCART	733121.38	4052356.50	65.32	65.32
DISCCART	733121.38	4052381.50	65.24	65.24
DISCCART	733121.38	4052406.50	65.13	65.13
DISCCART	733121.38	4052431.50	65.04	65.04
DISCCART	733121.38	4052456.50	64.94	64.94
DISCCART	733121.38	4052481.50	64.86	64.86
DISCCART	733121.38	4052506.50	64.77	64.77
DISCCART	733121.38	4052531.50	64.70	64.70
DISCCART	733121.38	4052556.50	64.63	64.63
DISCCART	733121.38	4052581.50	64.54	64.54
DISCCART	733121.38	4052606.50	64.47	64.47
DISCCART	733121.38	4052631.50	64.40	64.40
DISCCART	733121.38	4052656.50	64.32	64.32
DISCCART	733121.38	4052681.50	64.24	64.24
DISCCART	733121.38	4052706.50	64.14	64.14
DISCCART	733121.38	4052731.50	64.05	64.05
DISCCART	733121.38	4052756.50	63.97	63.97
DISCCART	733121.38	4052781.50	63.90	63.90
DISCCART	733121.38	4052806.50	63.83	63.83
DISCCART	733121.38	4052831.50	63.74	63.74
DISCCART	733121.38	4052856.50	63.64	63.64
DISCCART	733121.38	4052881.50	63.60	63.60
DISCCART	733121.38	4054006.50	61.75	61.75
DISCCART	733121.38	4054031.50	61.74	61.74
DISCCART	733121.38	4054056.50	61.74	61.74
DISCCART	733121.38	4054081.50	61.70	61.70
DISCCART	733121.38	4054106.50	61.64	61.64
DISCCART	733121.38	4055256.50	60.95	60.95
DISCCART	733121.38	4055281.50	60.95	60.95
DISCCART	733121.38	4055306.50	60.95	60.95
DISCCART	733121.38	4055331.50	60.98	60.98
DISCCART	733146.38	4052331.50	65.34	65.34
DISCCART	733146.38	4052356.50	65.25	65.25
DISCCART	733146.38	4052381.50	65.14	65.14
DISCCART	733146.38	4052406.50	65.05	65.05
DISCCART	733146.38	4052431.50	64.97	64.97
DISCCART	733146.38	4052456.50	64.85	64.85
DISCCART	733146.38	4052481.50	64.78	64.78
DISCCART	733146.38	4052506.50	64.74	64.74
DISCCART	733146.38	4052531.50	64.64	64.64
DISCCART	733146.38	4052556.50	64.56	64.56
DISCCART	733146.38	4052581.50	64.48	64.48
DISCCART	733146.38	4052606.50	64.40	64.40
DISCCART	733146.38	4052631.50	64.33	64.33
DISCCART	733146.38	4052656.50	64.24	64.24
DISCCART	733146.38	4052681.50	64.14	64.14
DISCCART	733146.38	4052706.50	64.05	64.05
DISCCART	733146.38	4052731.50	63.97	63.97
DISCCART	733146.38	4052756.50	63.90	63.90
DISCCART	733146.38	4052781.50	63.83	63.83
DISCCART	733146.38	4052806.50	63.74	63.74
DISCCART	733146.38	4052831.50	63.65	63.65
DISCCART	733146.38	4052856.50	63.55	63.55
DISCCART	733146.38	4052881.50	63.52	63.52
DISCCART	733146.38	4054006.50	61.74	61.74
DISCCART	733146.38	4054031.50	61.74	61.74
DISCCART	733146.38	4054056.50	61.66	61.66
DISCCART	733146.38	4054081.50	61.64	61.64
DISCCART	733146.38	4054106.50	61.64	61.64
DISCCART	733146.38	4055256.50	60.94	60.94
DISCCART	733146.38	4055281.50	60.94	60.94
DISCCART	733146.38	4055306.50	60.94	60.94
DISCCART	733146.38	4055331.50	60.94	60.94
DISCCART	733171.38	4052331.50	65.25	65.25
DISCCART	733171.38	4052356.50	65.17	65.17
DISCCART	733171.38	4052381.50	65.07	65.07
DISCCART	733171.38	4052406.50	64.98	64.98
DISCCART	733171.38	4052431.50	64.90	64.90
DISCCART	733171.38	4052456.50	64.83	64.83
DISCCART	733171.38	4052481.50	64.74	64.74
DISCCART	733171.38	4052506.50	64.65	64.65
DISCCART	733171.38	4052531.50	64.56	64.56
DISCCART	733171.38	4052556.50	64.51	64.51
DISCCART	733171.38	4052581.50	64.44	64.44
DISCCART	733171.38	4052606.50	64.35	64.35
DISCCART	733171.38	4052631.50	64.25	64.25
DISCCART	733171.38	4052656.50	64.17	64.17
DISCCART	733171.38	4052681.50	64.10	64.10
DISCCART	733171.38	4052706.50	64.01	64.01
DISCCART	733171.38	4052731.50	63.90	63.90
DISCCART	733171.38	4052756.50	63.83	63.83
DISCCART	733171.38	4052781.50	63.74	63.74
DISCCART	733171.38	4052806.50	63.64	63.64
DISCCART	733171.38	4052831.50	63.56	63.56
DISCCART	733171.38	4052856.50	63.53	63.53
DISCCART	733171.38	4052881.50	63.44	63.44
DISCCART	733171.38	4054031.50	61.66	61.66
DISCCART	733171.38	4054056.50	61.64	61.64
DISCCART	733171.38	4054081.50	61.64	61.64
DISCCART	733171.38	4054106.50	61.62	61.62
DISCCART	733171.38	4055256.50	60.88	60.88
DISCCART	733171.38	4055281.50	60.88	60.88
DISCCART	733171.38	4055306.50	60.88	60.88
DISCCART	733171.38	4055331.50	60.88	60.88
DISCCART	733196.38	4052331.50	65.17	65.17
DISCCART	733196.38	4052356.50	65.11	65.11
DISCCART	733196.38	4052381.50	65.03	65.03
DISCCART	733196.38	4052406.50	64.91	64.91
DISCCART	733196.38	4052431.50	64.84	64.84
DISCCART	733196.38	4052456.50	64.74	64.74
DISCCART	733196.38	4052481.50	64.67	64.67
DISCCART	733196.38	4052506.50	64.60	64.60
DISCCART	733196.38	4052531.50	64.52	64.52
DISCCART	733196.38	4052556.50	64.44	64.44
DISCCART	733196.38	4052581.50	64.34	64.34
DISCCART	733196.38	4052606.50	64.26	64.26
DISCCART	733196.38	4052631.50	64.17	64.17
DISCCART	733196.38	4052656.50	64.11	64.11
DISCCART	733196.38	4052681.50	64.03	64.03
DISCCART	733196.38	4052706.50	63.94	63.94
DISCCART	733196.38	4052731.50	63.85	63.85
DISCCART	733196.38	4052756.50	63.74	63.74
DISCCART	733196.38	4052781.50	63.65	63.65
DISCCART	733196.38	4052806.50	63.55	63.55

DISCCART	733196.38	4052831.50	63.48	63.48
DISCCART	733196.38	4052856.50	63.44	63.44
DISCCART	733196.38	4052881.50	63.34	63.34
DISCCART	733196.38	4052906.50	63.30	63.30
DISCCART	733196.38	4054031.50	61.64	61.64
DISCCART	733196.38	4054056.50	61.63	61.63
DISCCART	733196.38	4054081.50	61.57	61.57
DISCCART	733196.38	4054106.50	61.54	61.54
DISCCART	733196.38	4055256.50	60.84	60.84
DISCCART	733196.38	4055281.50	60.84	60.84
DISCCART	733196.38	4055306.50	60.84	60.84
DISCCART	733196.38	4055331.50	60.84	60.84
DISCCART	733221.38	4052331.50	65.14	65.14
DISCCART	733221.38	4052356.50	65.03	65.03
DISCCART	733221.38	4052381.50	64.94	64.94
DISCCART	733221.38	4052406.50	64.84	64.84
DISCCART	733221.38	4052431.50	64.76	64.76
DISCCART	733221.38	4052456.50	64.68	64.68
DISCCART	733221.38	4052481.50	64.63	64.63
DISCCART	733221.38	4052506.50	64.54	64.54
DISCCART	733221.38	4052531.50	64.46	64.46
DISCCART	733221.38	4052556.50	64.37	64.37
DISCCART	733221.38	4052581.50	64.30	64.30
DISCCART	733221.38	4052606.50	64.22	64.22
DISCCART	733221.38	4052631.50	64.14	64.14
DISCCART	733221.38	4052656.50	64.04	64.04
DISCCART	733221.38	4052681.50	63.94	63.94
DISCCART	733221.38	4052706.50	63.84	63.84
DISCCART	733221.38	4052731.50	63.76	63.76
DISCCART	733221.38	4052756.50	63.68	63.68
DISCCART	733221.38	4052781.50	63.60	63.60
DISCCART	733221.38	4052806.50	63.53	63.53
DISCCART	733221.38	4052831.50	63.44	63.44
DISCCART	733221.38	4052856.50	63.35	63.35
DISCCART	733221.38	4052881.50	63.30	63.30
DISCCART	733221.38	4052906.50	63.24	63.24
DISCCART	733221.38	4054031.50	61.64	61.64
DISCCART	733221.38	4054056.50	61.55	61.55
DISCCART	733221.38	4054081.50	61.54	61.54
DISCCART	733221.38	4054106.50	61.54	61.54
DISCCART	733221.38	4055256.50	60.84	60.84
DISCCART	733221.38	4055281.50	60.84	60.84
DISCCART	733221.38	4055306.50	60.84	60.84
DISCCART	733221.38	4055331.50	60.84	60.84
DISCCART	733246.38	4052331.50	65.05	65.05
DISCCART	733246.38	4052356.50	64.95	64.95
DISCCART	733246.38	4052381.50	64.85	64.85
DISCCART	733246.38	4052406.50	64.75	64.75
DISCCART	733246.38	4052431.50	64.72	64.72
DISCCART	733246.38	4052456.50	64.64	64.64
DISCCART	733246.38	4052481.50	64.55	64.55
DISCCART	733246.38	4052506.50	64.46	64.46
DISCCART	733246.38	4052531.50	64.43	64.43
DISCCART	733246.38	4052556.50	64.34	64.34
DISCCART	733246.38	4052581.50	64.24	64.24
DISCCART	733246.38	4052606.50	64.15	64.15
DISCCART	733246.38	4052631.50	64.06	64.06
DISCCART	733246.38	4052656.50	63.95	63.95
DISCCART	733246.38	4052681.50	63.87	63.87
DISCCART	733246.38	4052706.50	63.81	63.81
DISCCART	733246.38	4052731.50	63.72	63.72
DISCCART	733246.38	4052756.50	63.63	63.63
DISCCART	733246.38	4052781.50	63.52	63.52
DISCCART	733246.38	4052806.50	63.44	63.44
DISCCART	733246.38	4052831.50	63.35	63.35
DISCCART	733246.38	4052856.50	63.30	63.30
DISCCART	733246.38	4052881.50	63.24	63.24
DISCCART	733246.38	4052906.50	63.24	63.24
DISCCART	733246.38	4054031.50	61.55	61.55
DISCCART	733246.38	4054056.50	61.54	61.54
DISCCART	733246.38	4054081.50	61.54	61.54
DISCCART	733246.38	4054106.50	61.50	61.50
DISCCART	733246.38	4055256.50	60.74	60.74
DISCCART	733246.38	4055281.50	60.74	60.74
DISCCART	733246.38	4055306.50	60.74	60.74
DISCCART	733246.38	4055331.50	60.74	60.74
DISCCART	733271.38	4052331.50	64.96	64.96
DISCCART	733271.38	4052356.50	64.87	64.87
DISCCART	733271.38	4052381.50	64.80	64.80
DISCCART	733271.38	4052406.50	64.74	64.74
DISCCART	733271.38	4052431.50	64.64	64.64
DISCCART	733271.38	4052456.50	64.58	64.58
DISCCART	733271.38	4052481.50	64.50	64.50
DISCCART	733271.38	4052506.50	64.44	64.44
DISCCART	733271.38	4052531.50	64.34	64.34
DISCCART	733271.38	4052556.50	64.25	64.25
DISCCART	733271.38	4052581.50	64.16	64.16
DISCCART	733271.38	4052606.50	64.11	64.11
DISCCART	733271.38	4052631.50	64.00	64.00
DISCCART	733271.38	4052656.50	63.93	63.93
DISCCART	733271.38	4052681.50	63.84	63.84
DISCCART	733271.38	4052706.50	63.74	63.74
DISCCART	733271.38	4052731.50	63.64	63.64
DISCCART	733271.38	4052756.50	63.54	63.54
DISCCART	733271.38	4052781.50	63.46	63.46
DISCCART	733271.38	4052806.50	63.36	63.36
DISCCART	733271.38	4052831.50	63.30	63.30
DISCCART	733271.38	4052856.50	63.24	63.24
DISCCART	733271.38	4052881.50	63.24	63.24
DISCCART	733271.38	4052906.50	63.15	63.15
DISCCART	733271.38	4054031.50	61.54	61.54
DISCCART	733271.38	4054056.50	61.52	61.52
DISCCART	733271.38	4054081.50	61.45	61.45
DISCCART	733271.38	4054106.50	61.44	61.44
DISCCART	733271.38	4055256.50	60.74	60.74
DISCCART	733271.38	4055281.50	60.74	60.74
DISCCART	733271.38	4055306.50	60.74	60.74
DISCCART	733271.38	4055331.50	60.74	60.74
DISCCART	733296.38	4052331.50	64.88	64.88
DISCCART	733296.38	4052356.50	64.84	64.84
DISCCART	733296.38	4052381.50	64.74	64.74
DISCCART	733296.38	4052406.50	64.66	64.66
DISCCART	733296.38	4052431.50	64.59	64.59
DISCCART	733296.38	4052456.50	64.54	64.54
DISCCART	733296.38	4052481.50	64.45	64.45
DISCCART	733296.38	4052506.50	64.36	64.36
DISCCART	733296.38	4052531.50	64.27	64.27

DISCCART	733296.38	4052556.50	64.21	64.21
DISCCART	733296.38	4052581.50	64.14	64.14
DISCCART	733296.38	4052606.50	64.04	64.04
DISCCART	733296.38	4052631.50	63.94	63.94
DISCCART	733296.38	4052656.50	63.85	63.85
DISCCART	733296.38	4052681.50	63.77	63.77
DISCCART	733296.38	4052706.50	63.70	63.70
DISCCART	733296.38	4052731.50	63.59	63.59
DISCCART	733296.38	4052756.50	63.50	63.50
DISCCART	733296.38	4052781.50	63.39	63.39
DISCCART	733296.38	4052806.50	63.34	63.34
DISCCART	733296.38	4052831.50	63.24	63.24
DISCCART	733296.38	4052856.50	63.24	63.24
DISCCART	733296.38	4052881.50	63.14	63.14
DISCCART	733296.38	4052906.50	63.14	63.14
DISCCART	733296.38	4054031.50	61.53	61.53
DISCCART	733296.38	4054056.50	61.44	61.44
DISCCART	733296.38	4054081.50	61.44	61.44
DISCCART	733296.38	4054106.50	61.44	61.44
DISCCART	733296.38	4055256.50	60.66	60.66
DISCCART	733296.38	4055281.50	60.65	60.65
DISCCART	733296.38	4055306.50	60.65	60.65
DISCCART	733296.38	4055331.50	60.64	60.64
DISCCART	733321.38	4052331.50	64.84	64.84
DISCCART	733321.38	4052356.50	64.74	64.74
DISCCART	733321.38	4052381.50	64.70	64.70
DISCCART	733321.38	4052406.50	64.62	64.62
DISCCART	733321.38	4052431.50	64.54	64.54
DISCCART	733321.38	4052456.50	64.46	64.46
DISCCART	733321.38	4052481.50	64.40	64.40
DISCCART	733321.38	4052506.50	64.32	64.32
DISCCART	733321.38	4052531.50	64.24	64.24
DISCCART	733321.38	4052556.50	64.15	64.15
DISCCART	733321.38	4052581.50	64.05	64.05
DISCCART	733321.38	4052606.50	63.97	63.97
DISCCART	733321.38	4052631.50	63.90	63.90
DISCCART	733321.38	4052656.50	63.83	63.83
DISCCART	733321.38	4052681.50	63.73	63.73
DISCCART	733321.38	4052706.50	63.64	63.64
DISCCART	733321.38	4052731.50	63.53	63.53
DISCCART	733321.38	4052756.50	63.45	63.45
DISCCART	733321.38	4052781.50	63.34	63.34
DISCCART	733321.38	4052806.50	63.27	63.27
DISCCART	733321.38	4052831.50	63.24	63.24
DISCCART	733321.38	4052856.50	63.17	63.17
DISCCART	733321.38	4052881.50	63.14	63.14
DISCCART	733321.38	4052906.50	63.12	63.12
DISCCART	733321.38	4054031.50	61.44	61.44
DISCCART	733321.38	4054056.50	61.44	61.44
DISCCART	733321.38	4054081.50	61.44	61.44
DISCCART	733321.38	4054106.50	61.37	61.37
DISCCART	733321.38	4055256.50	60.64	60.64
DISCCART	733321.38	4055281.50	60.64	60.64
DISCCART	733321.38	4055306.50	60.64	60.64
DISCCART	733321.38	4055331.50	60.64	60.64
DISCCART	733346.38	4052331.50	64.78	64.78
DISCCART	733346.38	4052356.50	64.71	64.71
DISCCART	733346.38	4052381.50	64.64	64.64
DISCCART	733346.38	4052406.50	64.56	64.56
DISCCART	733346.38	4052431.50	64.52	64.52
DISCCART	733346.38	4052456.50	64.43	64.43
DISCCART	733346.38	4052481.50	64.34	64.34
DISCCART	733346.38	4052506.50	64.26	64.26
DISCCART	733346.38	4052531.50	64.17	64.17
DISCCART	733346.38	4052556.50	64.12	64.12
DISCCART	733346.38	4052581.50	64.03	64.03
DISCCART	733346.38	4052606.50	63.94	63.94
DISCCART	733346.38	4052631.50	63.84	63.84
DISCCART	733346.38	4052656.50	63.74	63.74
DISCCART	733346.38	4052681.50	63.68	63.68
DISCCART	733346.38	4052706.50	63.60	63.60
DISCCART	733346.38	4052731.50	63.49	63.49
DISCCART	733346.38	4052756.50	63.39	63.39
DISCCART	733346.38	4052781.50	63.33	63.33
DISCCART	733346.38	4052806.50	63.24	63.24
DISCCART	733346.38	4052831.50	63.23	63.23
DISCCART	733346.38	4052856.50	63.14	63.14
DISCCART	733346.38	4052881.50	63.14	63.14
DISCCART	733346.38	4052906.50	63.04	63.04
DISCCART	733346.38	4054031.50	61.44	61.44
DISCCART	733346.38	4054056.50	61.35	61.35
DISCCART	733346.38	4054081.50	61.35	61.35
DISCCART	733346.38	4054106.50	61.34	61.34
DISCCART	733346.38	4055256.50	60.62	60.62
DISCCART	733346.38	4055281.50	60.55	60.55
DISCCART	733346.38	4055306.50	60.55	60.55
DISCCART	733346.38	4055331.50	60.54	60.54
DISCCART	733371.38	4052331.50	64.74	64.74
DISCCART	733371.38	4052356.50	64.65	64.65
DISCCART	733371.38	4052381.50	64.60	64.60
DISCCART	733371.38	4052406.50	64.52	64.52
DISCCART	733371.38	4052431.50	64.44	64.44
DISCCART	733371.38	4052456.50	64.37	64.37
DISCCART	733371.38	4052481.50	64.30	64.30
DISCCART	733371.38	4052506.50	64.22	64.22
DISCCART	733371.38	4052531.50	64.14	64.14
DISCCART	733371.38	4052556.50	64.04	64.04
DISCCART	733371.38	4052581.50	63.95	63.95
DISCCART	733371.38	4052606.50	63.87	63.87
DISCCART	733371.38	4052631.50	63.80	63.80
DISCCART	733371.38	4052656.50	63.73	63.73
DISCCART	733371.38	4052681.50	63.64	63.64
DISCCART	733371.38	4052706.50	63.55	63.55
DISCCART	733371.38	4052731.50	63.44	63.44
DISCCART	733371.38	4052756.50	63.36	63.36
DISCCART	733371.38	4052781.50	63.27	63.27
DISCCART	733371.38	4052806.50	63.24	63.24
DISCCART	733371.38	4052831.50	63.15	63.15
DISCCART	733371.38	4052856.50	63.14	63.14
DISCCART	733371.38	4052881.50	63.05	63.05
DISCCART	733371.38	4052906.50	63.04	63.04
DISCCART	733371.38	4054031.50	61.38	61.38
DISCCART	733371.38	4054056.50	61.34	61.34
DISCCART	733371.38	4054081.50	61.34	61.34
DISCCART	733371.38	4054106.50	61.34	61.34
DISCCART	733371.38	4055256.50	60.54	60.54
DISCCART	733371.38	4055281.50	60.54	60.54

DISCCART	733371.38	4055306.50	60.54	60.54
DISCCART	733371.38	4055331.50	60.54	60.54
DISCCART	733396.38	4052331.50	64.68	64.68
DISCCART	733396.38	4052356.50	64.61	64.61
DISCCART	733396.38	4052381.50	64.54	64.54
DISCCART	733396.38	4052406.50	64.46	64.46
DISCCART	733396.38	4052431.50	64.38	64.38
DISCCART	733396.38	4052456.50	64.34	64.34
DISCCART	733396.38	4052481.50	64.25	64.25
DISCCART	733396.38	4052506.50	64.15	64.15
DISCCART	733396.38	4052531.50	64.08	64.08
DISCCART	733396.38	4052556.50	64.03	64.03
DISCCART	733396.38	4052581.50	63.94	63.94
DISCCART	733396.38	4052606.50	63.84	63.84
DISCCART	733396.38	4052631.50	63.74	63.74
DISCCART	733396.38	4052656.50	63.66	63.66
DISCCART	733396.38	4052681.50	63.59	63.59
DISCCART	733396.38	4052706.50	63.49	63.49
DISCCART	733396.38	4052731.50	63.42	63.42
DISCCART	733396.38	4052756.50	63.33	63.33
DISCCART	733396.38	4052781.50	63.24	63.24
DISCCART	733396.38	4052806.50	63.21	63.21
DISCCART	733396.38	4052831.50	63.14	63.14
DISCCART	733396.38	4052856.50	63.11	63.11
DISCCART	733396.38	4052881.50	63.04	63.04
DISCCART	733396.38	4052906.50	63.02	63.02
DISCCART	733396.38	4054031.50	61.34	61.34
DISCCART	733396.38	4054056.50	61.34	61.34
DISCCART	733396.38	4054081.50	61.34	61.34
DISCCART	733396.38	4054106.50	61.25	61.25
DISCCART	733396.38	4055256.50	60.52	60.52
DISCCART	733396.38	4055281.50	60.52	60.52
DISCCART	733396.38	4055306.50	60.46	60.46
DISCCART	733396.38	4055331.50	60.44	60.44
DISCCART	733421.38	4052331.50	64.64	64.64
DISCCART	733421.38	4052356.50	64.56	64.56
DISCCART	733421.38	4052381.50	64.50	64.50
DISCCART	733421.38	4052406.50	64.42	64.42
DISCCART	733421.38	4052431.50	64.34	64.34
DISCCART	733421.38	4052456.50	64.25	64.25
DISCCART	733421.38	4052481.50	64.20	64.20
DISCCART	733421.38	4052506.50	64.14	64.14
DISCCART	733421.38	4052531.50	64.04	64.04
DISCCART	733421.38	4052556.50	63.94	63.94
DISCCART	733421.38	4052581.50	63.88	63.88
DISCCART	733421.38	4052606.50	63.82	63.82
DISCCART	733421.38	4052631.50	63.73	63.73
DISCCART	733421.38	4052656.50	63.63	63.63
DISCCART	733421.38	4052681.50	63.54	63.54
DISCCART	733421.38	4052706.50	63.45	63.45
DISCCART	733421.38	4052731.50	63.36	63.36
DISCCART	733421.38	4052756.50	63.30	63.30
DISCCART	733421.38	4052781.50	63.24	63.24
DISCCART	733421.38	4052806.50	63.17	63.17
DISCCART	733421.38	4052831.50	63.14	63.14
DISCCART	733421.38	4052856.50	63.04	63.04
DISCCART	733421.38	4052881.50	63.04	63.04
DISCCART	733421.38	4052906.50	62.94	62.94
DISCCART	733421.38	4054031.50	61.34	61.34
DISCCART	733421.38	4054056.50	61.25	61.25
DISCCART	733421.38	4054081.50	61.24	61.24
DISCCART	733421.38	4054106.50	61.24	61.24
DISCCART	733421.38	4055256.50	60.44	60.44
DISCCART	733421.38	4055281.50	60.44	60.44
DISCCART	733421.38	4055306.50	60.44	60.44
DISCCART	733421.38	4055331.50	60.44	60.44
DISCCART	733446.38	4052331.50	64.57	64.57
DISCCART	733446.38	4052356.50	64.54	64.54
DISCCART	733446.38	4052381.50	64.44	64.44
DISCCART	733446.38	4052406.50	64.36	64.36
DISCCART	733446.38	4052431.50	64.32	64.32
DISCCART	733446.38	4052456.50	64.24	64.24
DISCCART	733446.38	4052481.50	64.15	64.15
DISCCART	733446.38	4052506.50	64.05	64.05
DISCCART	733446.38	4052531.50	64.03	64.03
DISCCART	733446.38	4052556.50	63.92	63.92
DISCCART	733446.38	4052581.50	63.84	63.84
DISCCART	733446.38	4052606.50	63.75	63.75
DISCCART	733446.38	4052631.50	63.68	63.68
DISCCART	733446.38	4052656.50	63.56	63.56
DISCCART	733446.38	4052681.50	63.49	63.49
DISCCART	733446.38	4052706.50	63.41	63.41
DISCCART	733446.38	4052731.50	63.34	63.34
DISCCART	733446.38	4052756.50	63.25	63.25
DISCCART	733446.38	4052781.50	63.24	63.24
DISCCART	733446.38	4052806.50	63.14	63.14
DISCCART	733446.38	4052831.50	63.13	63.13
DISCCART	733446.38	4052856.50	63.04	63.04
DISCCART	733446.38	4052881.50	62.98	62.98
DISCCART	733446.38	4052906.50	62.94	62.94
DISCCART	733446.38	4054031.50	61.26	61.26
DISCCART	733446.38	4054056.50	61.24	61.24
DISCCART	733446.38	4054081.50	61.24	61.24
DISCCART	733446.38	4054106.50	61.24	61.24
DISCCART	733446.38	4055256.50	60.44	60.44
DISCCART	733446.38	4055281.50	60.42	60.42
DISCCART	733446.38	4055306.50	60.43	60.43
DISCCART	733446.38	4055331.50	60.43	60.43
DISCCART	733471.38	4052331.50	64.54	64.54
DISCCART	733471.38	4052356.50	64.45	64.45
DISCCART	733471.38	4052381.50	64.40	64.40
DISCCART	733471.38	4052406.50	64.34	64.34
DISCCART	733471.38	4052431.50	64.25	64.25
DISCCART	733471.38	4052456.50	64.22	64.22
DISCCART	733471.38	4052481.50	64.14	64.14
DISCCART	733471.38	4052506.50	64.04	64.04
DISCCART	733471.38	4052531.50	63.94	63.94
DISCCART	733471.38	4052556.50	63.87	63.87
DISCCART	733471.38	4052581.50	63.78	63.78
DISCCART	733471.38	4052606.50	63.73	63.73
DISCCART	733471.38	4052631.50	63.63	63.63
DISCCART	733471.38	4052656.50	63.54	63.54
DISCCART	733471.38	4052681.50	63.44	63.44
DISCCART	733471.38	4052706.50	63.35	63.35
DISCCART	733471.38	4052731.50	63.30	63.30
DISCCART	733471.38	4052756.50	63.24	63.24
DISCCART	733471.38	4052781.50	63.16	63.16

DISCCART	733471.38	4052806.50	63.14	63.14
DISCCART	733471.38	4052831.50	63.05	63.05
DISCCART	733471.38	4052856.50	63.04	63.04
DISCCART	733471.38	4052881.50	62.94	62.94
DISCCART	733471.38	4052906.50	62.93	62.93
DISCCART	733471.38	4054031.50	61.24	61.24
DISCCART	733471.38	4054056.50	61.24	61.24
DISCCART	733471.38	4054081.50	61.24	61.24
DISCCART	733471.38	4054106.50	61.19	61.19
DISCCART	733471.38	4055231.50	60.36	60.36
DISCCART	733471.38	4055256.50	60.34	60.34
DISCCART	733471.38	4055281.50	60.34	60.34
DISCCART	733471.38	4055306.50	60.34	60.34
DISCCART	733471.38	4055331.50	60.34	60.34
DISCCART	733496.38	4052331.50	64.47	64.47
DISCCART	733496.38	4052356.50	64.44	64.44
DISCCART	733496.38	4052381.50	64.35	64.35
DISCCART	733496.38	4052406.50	64.30	64.30
DISCCART	733496.38	4052431.50	64.22	64.22
DISCCART	733496.38	4052456.50	64.14	64.14
DISCCART	733496.38	4052481.50	64.07	64.07
DISCCART	733496.38	4052506.50	64.01	64.01
DISCCART	733496.38	4052531.50	63.92	63.92
DISCCART	733496.38	4052556.50	63.84	63.84
DISCCART	733496.38	4052581.50	63.74	63.74
DISCCART	733496.38	4052606.50	63.66	63.66
DISCCART	733496.38	4052631.50	63.58	63.58
DISCCART	733496.38	4052656.50	63.50	63.50
DISCCART	733496.38	4052681.50	63.44	63.44
DISCCART	733496.38	4052706.50	63.34	63.34
DISCCART	733496.38	4052731.50	63.25	63.25
DISCCART	733496.38	4052756.50	63.24	63.24
DISCCART	733496.38	4052781.50	63.14	63.14
DISCCART	733496.38	4052806.50	63.11	63.11
DISCCART	733496.38	4052831.50	63.04	63.04
DISCCART	733496.38	4052856.50	63.01	63.01
DISCCART	733496.38	4052881.50	62.94	62.94
DISCCART	733496.38	4052906.50	62.85	62.85
DISCCART	733496.38	4053981.50	61.25	61.25
DISCCART	733496.38	4054006.50	61.24	61.24
DISCCART	733496.38	4054031.50	61.24	61.24
DISCCART	733496.38	4054056.50	61.16	61.16
DISCCART	733496.38	4054081.50	61.14	61.14
DISCCART	733496.38	4054106.50	61.14	61.14
DISCCART	733496.38	4054906.50	60.54	60.54
DISCCART	733496.38	4054931.50	60.54	60.54
DISCCART	733496.38	4054956.50	60.54	60.54
DISCCART	733496.38	4054981.50	60.54	60.54
DISCCART	733496.38	4055006.50	60.54	60.54
DISCCART	733496.38	4055031.50	60.52	60.52
DISCCART	733496.38	4055056.50	60.45	60.45
DISCCART	733496.38	4055081.50	60.44	60.44
DISCCART	733496.38	4055106.50	60.44	60.44
DISCCART	733496.38	4055131.50	60.44	60.44
DISCCART	733496.38	4055156.50	60.44	60.44
DISCCART	733496.38	4055181.50	60.43	60.43
DISCCART	733496.38	4055206.50	60.35	60.35
DISCCART	733496.38	4055231.50	60.34	60.34
DISCCART	733496.38	4055256.50	60.34	60.34
DISCCART	733496.38	4055281.50	60.33	60.33
DISCCART	733496.38	4055306.50	60.33	60.33
DISCCART	733496.38	4055331.50	60.33	60.33
DISCCART	733521.38	4052331.50	64.44	64.44
DISCCART	733521.38	4052356.50	64.41	64.41
DISCCART	733521.38	4052381.50	64.34	64.34
DISCCART	733521.38	4052406.50	64.24	64.24
DISCCART	733521.38	4052431.50	64.16	64.16
DISCCART	733521.38	4052456.50	64.13	64.13
DISCCART	733521.38	4052481.50	64.04	64.04
DISCCART	733521.38	4052506.50	63.94	63.94
DISCCART	733521.38	4052531.50	63.86	63.86
DISCCART	733521.38	4052556.50	63.81	63.81
DISCCART	733521.38	4052581.50	63.73	63.73
DISCCART	733521.38	4052606.50	63.64	63.64
DISCCART	733521.38	4052631.50	63.54	63.54
DISCCART	733521.38	4052656.50	63.45	63.45
DISCCART	733521.38	4052681.50	63.36	63.36
DISCCART	733521.38	4052706.50	63.31	63.31
DISCCART	733521.38	4052731.50	63.24	63.24
DISCCART	733521.38	4052756.50	63.17	63.17
DISCCART	733521.38	4052781.50	63.14	63.14
DISCCART	733521.38	4052806.50	63.04	63.04
DISCCART	733521.38	4052831.50	63.04	63.04
DISCCART	733521.38	4052856.50	62.94	62.94
DISCCART	733521.38	4052881.50	62.90	62.90
DISCCART	733521.38	4052906.50	62.84	62.84
DISCCART	733521.38	4052931.50	62.84	62.84
DISCCART	733521.38	4053481.50	61.80	61.80
DISCCART	733521.38	4053506.50	61.74	61.74
DISCCART	733521.38	4053531.50	61.74	61.74
DISCCART	733521.38	4053556.50	61.74	61.74
DISCCART	733521.38	4053581.50	61.66	61.66
DISCCART	733521.38	4053606.50	61.64	61.64
DISCCART	733521.38	4053631.50	61.64	61.64
DISCCART	733521.38	4053656.50	61.57	61.57
DISCCART	733521.38	4053681.50	61.54	61.54
DISCCART	733521.38	4053706.50	61.54	61.54
DISCCART	733521.38	4053731.50	61.54	61.54
DISCCART	733521.38	4053756.50	61.45	61.45
DISCCART	733521.38	4053781.50	61.44	61.44
DISCCART	733521.38	4053806.50	61.44	61.44
DISCCART	733521.38	4053831.50	61.35	61.35
DISCCART	733521.38	4053856.50	61.34	61.34
DISCCART	733521.38	4053881.50	61.34	61.34
DISCCART	733521.38	4053906.50	61.34	61.34
DISCCART	733521.38	4053931.50	61.26	61.26
DISCCART	733521.38	4053956.50	61.24	61.24
DISCCART	733521.38	4053981.50	61.24	61.24
DISCCART	733521.38	4054006.50	61.24	61.24
DISCCART	733521.38	4054031.50	61.16	61.16
DISCCART	733521.38	4054056.50	61.14	61.14
DISCCART	733521.38	4054081.50	61.14	61.14
DISCCART	733521.38	4054106.50	61.14	61.14
DISCCART	733521.38	4054131.50	61.09	61.09
DISCCART	733521.38	4054156.50	61.04	61.04
DISCCART	733521.38	4054181.50	61.04	61.04
DISCCART	733521.38	4054206.50	61.04	61.04

DISCCART	733521.38	4054231.50	60.99	60.99
DISCCART	733521.38	4054256.50	60.94	60.94
DISCCART	733521.38	4054281.50	60.94	60.94
DISCCART	733521.38	4054306.50	60.94	60.94
DISCCART	733521.38	4054331.50	60.91	60.91
DISCCART	733521.38	4054356.50	60.85	60.85
DISCCART	733521.38	4054381.50	60.84	60.84
DISCCART	733521.38	4054406.50	60.84	60.84
DISCCART	733521.38	4054431.50	60.84	60.84
DISCCART	733521.38	4054456.50	60.80	60.80
DISCCART	733521.38	4054481.50	60.74	60.74
DISCCART	733521.38	4054506.50	60.74	60.74
DISCCART	733521.38	4054531.50	60.74	60.74
DISCCART	733521.38	4054556.50	60.74	60.74
DISCCART	733521.38	4054581.50	60.74	60.74
DISCCART	733521.38	4054606.50	60.68	60.68
DISCCART	733521.38	4054631.50	60.66	60.66
DISCCART	733521.38	4054656.50	60.64	60.64
DISCCART	733521.38	4054681.50	60.64	60.64
DISCCART	733521.38	4054706.50	60.64	60.64
DISCCART	733521.38	4054731.50	60.64	60.64
DISCCART	733521.38	4054756.50	60.64	60.64
DISCCART	733521.38	4054781.50	60.58	60.58
DISCCART	733521.38	4054806.50	60.54	60.54
DISCCART	733521.38	4054831.50	60.54	60.54
DISCCART	733521.38	4054856.50	60.54	60.54
DISCCART	733521.38	4054881.50	60.54	60.54
DISCCART	733521.38	4054906.50	60.54	60.54
DISCCART	733521.38	4054931.50	60.54	60.54
DISCCART	733521.38	4054956.50	60.48	60.48
DISCCART	733521.38	4054981.50	60.45	60.45
DISCCART	733521.38	4055006.50	60.44	60.44
DISCCART	733521.38	4055031.50	60.44	60.44
DISCCART	733521.38	4055056.50	60.44	60.44
DISCCART	733521.38	4055081.50	60.44	60.44
DISCCART	733521.38	4055106.50	60.44	60.44
DISCCART	733521.38	4055131.50	60.43	60.43
DISCCART	733521.38	4055156.50	60.38	60.38
DISCCART	733521.38	4055181.50	60.36	60.36
DISCCART	733521.38	4055206.50	60.34	60.34
DISCCART	733521.38	4055231.50	60.25	60.25
DISCCART	733521.38	4055256.50	60.24	60.24
DISCCART	733521.38	4055281.50	60.24	60.24
DISCCART	733521.38	4055306.50	60.24	60.24
DISCCART	733521.38	4055331.50	60.24	60.24
DISCCART	733546.38	4052331.50	64.44	64.44
DISCCART	733546.38	4052356.50	64.34	64.34
DISCCART	733546.38	4052381.50	64.26	64.26
DISCCART	733546.38	4052406.50	64.21	64.21
DISCCART	733546.38	4052431.50	64.14	64.14
DISCCART	733546.38	4052456.50	64.04	64.04
DISCCART	733546.38	4052481.50	63.97	63.97
DISCCART	733546.38	4052506.50	63.90	63.90
DISCCART	733546.38	4052531.50	63.83	63.83
DISCCART	733546.38	4052556.50	63.74	63.74
DISCCART	733546.38	4052581.50	63.67	63.67
DISCCART	733546.38	4052606.50	63.60	63.60
DISCCART	733546.38	4052631.50	63.54	63.54
DISCCART	733546.38	4052656.50	63.44	63.44
DISCCART	733546.38	4052681.50	63.34	63.34
DISCCART	733546.38	4052706.50	63.26	63.26
DISCCART	733546.38	4052731.50	63.24	63.24
DISCCART	733546.38	4052756.50	63.14	63.14
DISCCART	733546.38	4052781.50	63.08	63.08
DISCCART	733546.38	4052806.50	63.04	63.04
DISCCART	733546.38	4052831.50	62.98	62.98
DISCCART	733546.38	4052856.50	62.94	62.94
DISCCART	733546.38	4052881.50	62.84	62.84
DISCCART	733546.38	4052906.50	62.84	62.84
DISCCART	733546.38	4052931.50	62.77	62.77
DISCCART	733546.38	4052956.50	62.74	62.74
DISCCART	733546.38	4052981.50	62.66	62.66
DISCCART	733546.38	4053006.50	62.64	62.64
DISCCART	733546.38	4053031.50	62.57	62.57
DISCCART	733546.38	4053056.50	62.54	62.54
DISCCART	733546.38	4053081.50	62.47	62.47
DISCCART	733546.38	4053106.50	62.44	62.44
DISCCART	733546.38	4053131.50	62.37	62.37
DISCCART	733546.38	4053156.50	62.34	62.34
DISCCART	733546.38	4053181.50	62.33	62.33
DISCCART	733546.38	4053206.50	62.24	62.24
DISCCART	733546.38	4053231.50	62.24	62.24
DISCCART	733546.38	4053256.50	62.16	62.16
DISCCART	733546.38	4053281.50	62.14	62.14
DISCCART	733546.38	4053306.50	62.10	62.10
DISCCART	733546.38	4053331.50	62.04	62.04
DISCCART	733546.38	4053356.50	62.04	62.04
DISCCART	733546.38	4053381.50	61.94	61.94
DISCCART	733546.38	4053406.50	61.94	61.94
DISCCART	733546.38	4053431.50	61.84	61.84
DISCCART	733546.38	4053456.50	61.82	61.82
DISCCART	733546.38	4053481.50	61.74	61.74
DISCCART	733546.38	4053506.50	61.74	61.74
DISCCART	733546.38	4053531.50	61.73	61.73
DISCCART	733546.38	4053556.50	61.65	61.65
DISCCART	733546.38	4053581.50	61.64	61.64
DISCCART	733546.38	4053606.50	61.64	61.64
DISCCART	733546.38	4053631.50	61.58	61.58
DISCCART	733546.38	4053656.50	61.54	61.54
DISCCART	733546.38	4053681.50	61.54	61.54
DISCCART	733546.38	4053706.50	61.49	61.49
DISCCART	733546.38	4053731.50	61.44	61.44
DISCCART	733546.38	4053756.50	61.44	61.44
DISCCART	733546.38	4053781.50	61.44	61.44
DISCCART	733546.38	4053806.50	61.35	61.35
DISCCART	733546.38	4053831.50	61.34	61.34
DISCCART	733546.38	4053856.50	61.34	61.34
DISCCART	733546.38	4053881.50	61.25	61.25
DISCCART	733546.38	4053906.50	61.25	61.25
DISCCART	733546.38	4053931.50	61.24	61.24
DISCCART	733546.38	4053956.50	61.24	61.24
DISCCART	733546.38	4053981.50	61.22	61.22
DISCCART	733546.38	4054006.50	61.15	61.15
DISCCART	733546.38	4054031.50	61.14	61.14
DISCCART	733546.38	4054056.50	61.06	61.06
DISCCART	733546.38	4054081.50	61.14	61.14
DISCCART	733546.38	4054106.50	61.05	61.05

DISCCART	733546.38	4054131.50	61.04	61.04
DISCCART	733546.38	4054156.50	61.04	61.04
DISCCART	733546.38	4054181.50	61.03	61.03
DISCCART	733546.38	4054206.50	60.95	60.95
DISCCART	733546.38	4054231.50	60.94	60.94
DISCCART	733546.38	4054256.50	60.92	60.92
DISCCART	733546.38	4054281.50	60.91	60.91
DISCCART	733546.38	4054306.50	60.85	60.85
DISCCART	733546.38	4054331.50	60.84	60.84
DISCCART	733546.38	4054356.50	60.84	60.84
DISCCART	733546.38	4054381.50	60.84	60.84
DISCCART	733546.38	4054406.50	60.83	60.83
DISCCART	733546.38	4054431.50	60.74	60.74
DISCCART	733546.38	4054456.50	60.74	60.74
DISCCART	733546.38	4054481.50	60.74	60.74
DISCCART	733546.38	4054506.50	60.74	60.74
DISCCART	733546.38	4054531.50	60.74	60.74
DISCCART	733546.38	4054556.50	60.70	60.70
DISCCART	733546.38	4054581.50	60.65	60.65
DISCCART	733546.38	4054606.50	60.64	60.64
DISCCART	733546.38	4054631.50	60.64	60.64
DISCCART	733546.38	4054656.50	60.64	60.64
DISCCART	733546.38	4054681.50	60.64	60.64
DISCCART	733546.38	4054706.50	60.63	60.63
DISCCART	733546.38	4054731.50	60.55	60.55
DISCCART	733546.38	4054756.50	60.54	60.54
DISCCART	733546.38	4054781.50	60.54	60.54
DISCCART	733546.38	4054806.50	60.54	60.54
DISCCART	733546.38	4054831.50	60.54	60.54
DISCCART	733546.38	4054856.50	60.53	60.53
DISCCART	733546.38	4054881.50	60.52	60.52
DISCCART	733546.38	4054906.50	60.46	60.46
DISCCART	733546.38	4054931.50	60.44	60.44
DISCCART	733546.38	4054956.50	60.44	60.44
DISCCART	733546.38	4054981.50	60.44	60.44
DISCCART	733546.38	4055006.50	60.44	60.44
DISCCART	733546.38	4055031.50	60.44	60.44
DISCCART	733546.38	4055056.50	60.43	60.43
DISCCART	733546.38	4055081.50	60.38	60.38
DISCCART	733546.38	4055106.50	60.36	60.36
DISCCART	733546.38	4055131.50	60.34	60.34
DISCCART	733546.38	4055156.50	60.34	60.34
DISCCART	733546.38	4055181.50	60.34	60.34
DISCCART	733546.38	4055206.50	60.34	60.34
DISCCART	733546.38	4055231.50	60.34	60.34
DISCCART	733546.38	4055256.50	60.26	60.26
DISCCART	733546.38	4055281.50	60.24	60.24
DISCCART	733546.38	4055306.50	60.24	60.24
DISCCART	733546.38	4055331.50	60.24	60.24
DISCCART	733571.38	4052331.50	64.35	64.35
DISCCART	733571.38	4052356.50	64.32	64.32
DISCCART	733571.38	4052381.50	64.24	64.24
DISCCART	733571.38	4052406.50	64.14	64.14
DISCCART	733571.38	4052431.50	64.08	64.08
DISCCART	733571.38	4052456.50	64.02	64.02
DISCCART	733571.38	4052481.50	63.94	63.94
DISCCART	733571.38	4052506.50	63.85	63.85
DISCCART	733571.38	4052531.50	63.78	63.78
DISCCART	733571.38	4052556.50	63.72	63.72
DISCCART	733571.38	4052581.50	63.64	63.64
DISCCART	733571.38	4052606.50	63.55	63.55
DISCCART	733571.38	4052631.50	63.50	63.50
DISCCART	733571.38	4052656.50	63.41	63.41
DISCCART	733571.38	4052681.50	63.34	63.34
DISCCART	733571.38	4052706.50	63.24	63.24
DISCCART	733571.38	4052731.50	63.17	63.17
DISCCART	733571.38	4052756.50	63.14	63.14
DISCCART	733571.38	4052781.50	63.04	63.04
DISCCART	733571.38	4052806.50	63.04	63.04
DISCCART	733571.38	4052831.50	62.94	62.94
DISCCART	733571.38	4052856.50	62.94	62.94
DISCCART	733571.38	4052881.50	62.84	62.84
DISCCART	733571.38	4052906.50	62.80	62.80
DISCCART	733571.38	4052931.50	62.74	62.74
DISCCART	733571.38	4052956.50	62.70	62.70
DISCCART	733571.38	4052981.50	62.64	62.64
DISCCART	733571.38	4053006.50	62.60	62.60
DISCCART	733571.38	4053031.50	62.54	62.54
DISCCART	733571.38	4053056.50	62.47	62.47
DISCCART	733571.38	4053081.50	62.44	62.44
DISCCART	733571.38	4053106.50	62.43	62.43
DISCCART	733571.38	4053131.50	62.34	62.34
DISCCART	733571.38	4053156.50	62.34	62.34
DISCCART	733571.38	4053181.50	62.24	62.24
DISCCART	733571.38	4053206.50	62.24	62.24
DISCCART	733571.38	4053231.50	62.16	62.16
DISCCART	733571.38	4053256.50	62.14	62.14
DISCCART	733571.38	4053281.50	62.10	62.10
DISCCART	733571.38	4053306.50	62.04	62.04
DISCCART	733571.38	4053331.50	62.04	62.04
DISCCART	733571.38	4053356.50	61.95	61.95
DISCCART	733571.38	4053381.50	61.94	61.94
DISCCART	733571.38	4053406.50	61.87	61.87
DISCCART	733571.38	4053431.50	61.84	61.84
DISCCART	733571.38	4053456.50	61.74	61.74
DISCCART	733571.38	4053481.50	61.74	61.74
DISCCART	733571.38	4053506.50	61.74	61.74
DISCCART	733571.38	4053531.50	61.64	61.64
DISCCART	733571.38	4053556.50	61.64	61.64
DISCCART	733571.38	4053581.50	61.64	61.64
DISCCART	733571.38	4053606.50	61.58	61.58
DISCCART	733571.38	4053631.50	61.54	61.54
DISCCART	733571.38	4053656.50	61.54	61.54
DISCCART	733571.38	4053681.50	61.45	61.45
DISCCART	733571.38	4053706.50	61.44	61.44
DISCCART	733571.38	4053731.50	61.44	61.44
DISCCART	733571.38	4053756.50	61.44	61.44
DISCCART	733571.38	4053781.50	61.35	61.35
DISCCART	733571.38	4053806.50	61.34	61.34
DISCCART	733571.38	4053831.50	61.34	61.34
DISCCART	733571.38	4053856.50	61.24	61.24
DISCCART	733571.38	4053881.50	61.24	61.24
DISCCART	733571.38	4053906.50	61.24	61.24
DISCCART	733571.38	4053931.50	61.24	61.24
DISCCART	733571.38	4053956.50	61.19	61.19
DISCCART	733571.38	4053981.50	61.14	61.14
DISCCART	733571.38	4054006.50	61.14	61.14

DISCCART	733571.38	4054031.50	61.14	61.14
DISCCART	733571.38	4054056.50	61.06	61.06
DISCCART	733571.38	4054081.50	61.04	61.04
DISCCART	733571.38	4054106.50	61.04	61.04
DISCCART	733571.38	4054131.50	61.04	61.04
DISCCART	733571.38	4054156.50	60.99	60.99
DISCCART	733571.38	4054181.50	60.94	60.94
DISCCART	733571.38	4054206.50	60.94	60.94
DISCCART	733571.38	4054231.50	60.84	60.84
DISCCART	733571.38	4054256.50	60.84	60.84
DISCCART	733571.38	4054281.50	60.84	60.84
DISCCART	733571.38	4054306.50	60.84	60.84
DISCCART	733571.38	4054331.50	60.84	60.84
DISCCART	733571.38	4054356.50	60.84	60.84
DISCCART	733571.38	4054381.50	60.75	60.75
DISCCART	733571.38	4054406.50	60.74	60.74
DISCCART	733571.38	4054431.50	60.74	60.74
DISCCART	733571.38	4054456.50	60.74	60.74
DISCCART	733571.38	4054481.50	60.74	60.74
DISCCART	733571.38	4054506.50	60.67	60.67
DISCCART	733571.38	4054531.50	60.64	60.64
DISCCART	733571.38	4054556.50	60.64	60.64
DISCCART	733571.38	4054581.50	60.64	60.64
DISCCART	733571.38	4054606.50	60.64	60.64
DISCCART	733571.38	4054631.50	60.64	60.64
DISCCART	733571.38	4054656.50	60.58	60.58
DISCCART	733571.38	4054681.50	60.54	60.54
DISCCART	733571.38	4054706.50	60.54	60.54
DISCCART	733571.38	4054731.50	60.54	60.54
DISCCART	733571.38	4054756.50	60.54	60.54
DISCCART	733571.38	4054781.50	60.54	60.54
DISCCART	733571.38	4054806.50	60.52	60.52
DISCCART	733571.38	4054831.50	60.49	60.49
DISCCART	733571.38	4054856.50	60.44	60.44
DISCCART	733571.38	4054881.50	60.44	60.44
DISCCART	733571.38	4054906.50	60.44	60.44
DISCCART	733571.38	4054931.50	60.44	60.44
DISCCART	733571.38	4054956.50	60.44	60.44
DISCCART	733571.38	4054981.50	60.44	60.44
DISCCART	733571.38	4055006.50	60.39	60.39
DISCCART	733571.38	4055031.50	60.34	60.34
DISCCART	733571.38	4055056.50	60.34	60.34
DISCCART	733571.38	4055081.50	60.34	60.34
DISCCART	733571.38	4055106.50	60.34	60.34
DISCCART	733571.38	4055131.50	60.34	60.34
DISCCART	733571.38	4055156.50	60.34	60.34
DISCCART	733571.38	4055181.50	60.30	60.30
DISCCART	733571.38	4055206.50	60.28	60.28
DISCCART	733571.38	4055231.50	60.25	60.25
DISCCART	733571.38	4055256.50	60.24	60.24
DISCCART	733571.38	4055281.50	60.24	60.24
DISCCART	733571.38	4055306.50	60.24	60.24
DISCCART	733571.38	4055331.50	60.24	60.24
DISCCART	733596.38	4052331.50	64.36	64.36
DISCCART	733596.38	4052356.50	64.32	64.32
DISCCART	733596.38	4052381.50	64.24	64.24
DISCCART	733596.38	4052406.50	64.14	64.14
DISCCART	733596.38	4052431.50	64.04	64.04
DISCCART	733596.38	4052456.50	63.96	63.96
DISCCART	733596.38	4052481.50	63.92	63.92
DISCCART	733596.38	4052506.50	63.84	63.84
DISCCART	733596.38	4052531.50	63.74	63.74
DISCCART	733596.38	4052556.50	63.70	63.70
DISCCART	733596.38	4052581.50	63.63	63.63
DISCCART	733596.38	4052606.50	63.54	63.54
DISCCART	733596.38	4052631.50	63.45	63.45
DISCCART	733596.38	4052656.50	63.40	63.40
DISCCART	733596.38	4052681.50	63.34	63.34
DISCCART	733596.38	4052706.50	63.24	63.24
DISCCART	733596.38	4052731.50	63.18	63.18
DISCCART	733596.38	4052756.50	63.14	63.14
DISCCART	733596.38	4052781.50	63.04	63.04
DISCCART	733596.38	4052806.50	63.02	63.02
DISCCART	733596.38	4052831.50	62.94	62.94
DISCCART	733596.38	4052856.50	62.90	62.90
DISCCART	733596.38	4052881.50	62.84	62.84
DISCCART	733596.38	4052906.50	62.76	62.76
DISCCART	733596.38	4052931.50	62.74	62.74
DISCCART	733596.38	4052956.50	62.66	62.66
DISCCART	733596.38	4052981.50	62.64	62.64
DISCCART	733596.38	4053006.50	62.55	62.55
DISCCART	733596.38	4053031.50	62.53	62.53
DISCCART	733596.38	4053056.50	62.44	62.44
DISCCART	733596.38	4053081.50	62.43	62.43
DISCCART	733596.38	4053106.50	62.34	62.34
DISCCART	733596.38	4053131.50	62.33	62.33
DISCCART	733596.38	4053156.50	62.24	62.24
DISCCART	733596.38	4053181.50	62.24	62.24
DISCCART	733596.38	4053206.50	62.15	62.15
DISCCART	733596.38	4053231.50	62.14	62.14
DISCCART	733596.38	4053256.50	62.10	62.10
DISCCART	733596.38	4053281.50	62.04	62.04
DISCCART	733596.38	4053306.50	62.04	62.04
DISCCART	733596.38	4053331.50	61.94	61.94
DISCCART	733596.38	4053356.50	61.94	61.94
DISCCART	733596.38	4053381.50	61.87	61.87
DISCCART	733596.38	4053406.50	61.84	61.84
DISCCART	733596.38	4053431.50	61.83	61.83
DISCCART	733596.38	4053456.50	61.74	61.74
DISCCART	733596.38	4053481.50	61.74	61.74
DISCCART	733596.38	4053506.50	61.65	61.65
DISCCART	733596.38	4053531.50	61.64	61.64
DISCCART	733596.38	4053556.50	61.64	61.64
DISCCART	733596.38	4053581.50	61.58	61.58
DISCCART	733596.38	4053606.50	61.54	61.54
DISCCART	733596.38	4053631.50	61.54	61.54
DISCCART	733596.38	4053656.50	61.46	61.46
DISCCART	733596.38	4053681.50	61.44	61.44
DISCCART	733596.38	4053706.50	61.44	61.44
DISCCART	733596.38	4053731.50	61.36	61.36
DISCCART	733596.38	4053756.50	61.34	61.34
DISCCART	733596.38	4053781.50	61.34	61.34
DISCCART	733596.38	4053806.50	61.34	61.34
DISCCART	733596.38	4053831.50	61.28	61.28
DISCCART	733596.38	4053856.50	61.24	61.24
DISCCART	733596.38	4053881.50	61.22	61.22
DISCCART	733596.38	4053906.50	61.16	61.16

DISCCART	733596.38	4053931.50	61.18	61.18
DISCCART	733596.38	4053956.50	61.14	61.14
DISCCART	733596.38	4053981.50	61.14	61.14
DISCCART	733596.38	4054006.50	61.14	61.14
DISCCART	733596.38	4054031.50	61.05	61.05
DISCCART	733596.38	4054056.50	60.96	60.96
DISCCART	733596.38	4054081.50	61.04	61.04
DISCCART	733596.38	4054106.50	61.03	61.03
DISCCART	733596.38	4054131.50	60.94	60.94
DISCCART	733596.38	4054156.50	60.94	60.94
DISCCART	733596.38	4054181.50	60.94	60.94
DISCCART	733596.38	4054206.50	60.90	60.90
DISCCART	733596.38	4054231.50	60.84	60.84
DISCCART	733596.38	4054256.50	60.84	60.84
DISCCART	733596.38	4054281.50	60.84	60.84
DISCCART	733596.38	4054306.50	60.84	60.84
DISCCART	733596.38	4054331.50	60.78	60.78
DISCCART	733596.38	4054356.50	60.74	60.74
DISCCART	733596.38	4054381.50	60.74	60.74
DISCCART	733596.38	4054406.50	60.74	60.74
DISCCART	733596.38	4054431.50	60.73	60.73
DISCCART	733596.38	4054456.50	60.66	60.66
DISCCART	733596.38	4054481.50	60.64	60.64
DISCCART	733596.38	4054506.50	60.64	60.64
DISCCART	733596.38	4054531.50	60.64	60.64
DISCCART	733596.38	4054556.50	60.64	60.64
DISCCART	733596.38	4054581.50	60.62	60.62
DISCCART	733596.38	4054606.50	60.55	60.55
DISCCART	733596.38	4054631.50	60.54	60.54
DISCCART	733596.38	4054656.50	60.54	60.54
DISCCART	733596.38	4054681.50	60.54	60.54
DISCCART	733596.38	4054706.50	60.54	60.54
DISCCART	733596.38	4054731.50	60.54	60.54
DISCCART	733596.38	4054756.50	60.50	60.50
DISCCART	733596.38	4054781.50	60.46	60.46
DISCCART	733596.38	4054806.50	60.44	60.44
DISCCART	733596.38	4054831.50	60.44	60.44
DISCCART	733596.38	4054856.50	60.44	60.44
DISCCART	733596.38	4054881.50	60.44	60.44
DISCCART	733596.38	4054906.50	60.42	60.42
DISCCART	733596.38	4054931.50	60.38	60.38
DISCCART	733596.38	4054956.50	60.35	60.35
DISCCART	733596.38	4054981.50	60.34	60.34
DISCCART	733596.38	4055006.50	60.34	60.34
DISCCART	733596.38	4055031.50	60.34	60.34
DISCCART	733596.38	4055056.50	60.34	60.34
DISCCART	733596.38	4055081.50	60.34	60.34
DISCCART	733596.38	4055106.50	60.32	60.32
DISCCART	733596.38	4055131.50	60.26	60.26
DISCCART	733596.38	4055156.50	60.24	60.24
DISCCART	733596.38	4055181.50	60.24	60.24
DISCCART	733596.38	4055206.50	60.24	60.24
DISCCART	733596.38	4055231.50	60.24	60.24
DISCCART	733596.38	4055256.50	60.24	60.24
DISCCART	733596.38	4055281.50	60.24	60.24
DISCCART	733596.38	4055306.50	60.24	60.24
DISCCART	733596.38	4055331.50	60.24	60.24
DISCCART	733621.38	4052331.50	64.34	64.34
DISCCART	733621.38	4052356.50	64.24	64.24
DISCCART	733621.38	4052381.50	64.16	64.16
DISCCART	733621.38	4052406.50	64.07	64.07
DISCCART	733621.38	4052431.50	64.00	64.00
DISCCART	733621.38	4052456.50	63.94	63.94
DISCCART	733621.38	4052481.50	63.84	63.84
DISCCART	733621.38	4052506.50	63.77	63.77
DISCCART	733621.38	4052531.50	63.74	63.74
DISCCART	733621.38	4052556.50	63.64	63.64
DISCCART	733621.38	4052581.50	63.55	63.55
DISCCART	733621.38	4052606.50	63.48	63.48
DISCCART	733621.38	4052631.50	63.44	63.44
DISCCART	733621.38	4052656.50	63.34	63.34
DISCCART	733621.38	4052681.50	63.30	63.30
DISCCART	733621.38	4052706.50	63.24	63.24
DISCCART	733621.38	4052731.50	63.16	63.16
DISCCART	733621.38	4052756.50	63.13	63.13
DISCCART	733621.38	4052781.50	63.04	63.04
DISCCART	733621.38	4052806.50	62.95	62.95
DISCCART	733621.38	4052831.50	62.93	62.93
DISCCART	733621.38	4052856.50	62.84	62.84
DISCCART	733621.38	4052881.50	62.80	62.80
DISCCART	733621.38	4052906.50	62.74	62.74
DISCCART	733621.38	4052931.50	62.66	62.66
DISCCART	733621.38	4052956.50	62.64	62.64
DISCCART	733621.38	4052981.50	62.55	62.55
DISCCART	733621.38	4053006.50	62.54	62.54
DISCCART	733621.38	4053031.50	62.44	62.44
DISCCART	733621.38	4053056.50	62.43	62.43
DISCCART	733621.38	4053081.50	62.34	62.34
DISCCART	733621.38	4053106.50	62.34	62.34
DISCCART	733621.38	4053131.50	62.26	62.26
DISCCART	733621.38	4053156.50	62.24	62.24
DISCCART	733621.38	4053181.50	62.16	62.16
DISCCART	733621.38	4053206.50	62.14	62.14
DISCCART	733621.38	4053231.50	62.10	62.10
DISCCART	733621.38	4053256.50	62.04	62.04
DISCCART	733621.38	4053281.50	62.04	62.04
DISCCART	733621.38	4053306.50	61.95	61.95
DISCCART	733621.38	4053331.50	61.94	61.94
DISCCART	733621.38	4053356.50	61.87	61.87
DISCCART	733621.38	4053381.50	61.84	61.84
DISCCART	733621.38	4053406.50	61.83	61.83
DISCCART	733621.38	4053431.50	61.74	61.74
DISCCART	733621.38	4053456.50	61.74	61.74
DISCCART	733621.38	4053481.50	61.68	61.68
DISCCART	733621.38	4053506.50	61.64	61.64
DISCCART	733621.38	4053531.50	61.64	61.64
DISCCART	733621.38	4053556.50	61.58	61.58
DISCCART	733621.38	4053581.50	61.54	61.54
DISCCART	733621.38	4053606.50	61.54	61.54
DISCCART	733621.38	4053631.50	61.45	61.45
DISCCART	733621.38	4053656.50	61.44	61.44
DISCCART	733621.38	4053681.50	61.44	61.44
DISCCART	733621.38	4053706.50	61.37	61.37
DISCCART	733621.38	4053731.50	61.34	61.34
DISCCART	733621.38	4053756.50	61.34	61.34
DISCCART	733621.38	4053781.50	61.29	61.29
DISCCART	733621.38	4053806.50	61.28	61.28

DISCCART	733621.38	4053831.50	61.24	61.24
DISCCART	733621.38	4053856.50	61.24	61.24
DISCCART	733621.38	4053881.50	61.16	61.16
DISCCART	733621.38	4053906.50	61.14	61.14
DISCCART	733621.38	4053931.50	61.12	61.12
DISCCART	733621.38	4053956.50	61.14	61.14
DISCCART	733621.38	4053981.50	61.10	61.10
DISCCART	733621.38	4054006.50	61.05	61.05
DISCCART	733621.38	4054031.50	61.04	61.04
DISCCART	733621.38	4054056.50	60.95	60.95
DISCCART	733621.38	4054081.50	60.99	60.99
DISCCART	733621.38	4054106.50	60.94	60.94
DISCCART	733621.38	4054131.50	60.94	60.94
DISCCART	733621.38	4054156.50	60.94	60.94
DISCCART	733621.38	4054181.50	60.88	60.88
DISCCART	733621.38	4054206.50	60.84	60.84
DISCCART	733621.38	4054231.50	60.84	60.84
DISCCART	733621.38	4054256.50	60.84	60.84
DISCCART	733621.38	4054281.50	60.78	60.78
DISCCART	733621.38	4054306.50	60.75	60.75
DISCCART	733621.38	4054331.50	60.74	60.74
DISCCART	733621.38	4054356.50	60.74	60.74
DISCCART	733621.38	4054381.50	60.74	60.74
DISCCART	733621.38	4054406.50	60.67	60.67
DISCCART	733621.38	4054431.50	60.64	60.64
DISCCART	733621.38	4054456.50	60.64	60.64
DISCCART	733621.38	4054481.50	60.64	60.64
DISCCART	733621.38	4054506.50	60.64	60.64
DISCCART	733621.38	4054531.50	60.60	60.60
DISCCART	733621.38	4054556.50	60.54	60.54
DISCCART	733621.38	4054581.50	60.54	60.54
DISCCART	733621.38	4054606.50	60.54	60.54
DISCCART	733621.38	4054631.50	60.54	60.54
DISCCART	733621.38	4054656.50	60.54	60.54
DISCCART	733621.38	4054681.50	60.53	60.53
DISCCART	733621.38	4054706.50	60.47	60.47
DISCCART	733621.38	4054731.50	60.44	60.44
DISCCART	733621.38	4054756.50	60.44	60.44
DISCCART	733621.38	4054781.50	60.44	60.44
DISCCART	733621.38	4054806.50	60.44	60.44
DISCCART	733621.38	4054831.50	60.44	60.44
DISCCART	733621.38	4054856.50	60.38	60.38
DISCCART	733621.38	4054881.50	60.36	60.36
DISCCART	733621.38	4054906.50	60.34	60.34
DISCCART	733621.38	4054931.50	60.34	60.34
DISCCART	733621.38	4054956.50	60.34	60.34
DISCCART	733621.38	4054981.50	60.34	60.34
DISCCART	733621.38	4055006.50	60.34	60.34
DISCCART	733621.38	4055031.50	60.31	60.31
DISCCART	733621.38	4055056.50	60.29	60.29
DISCCART	733621.38	4055081.50	60.24	60.24
DISCCART	733621.38	4055106.50	60.24	60.24
DISCCART	733621.38	4055131.50	60.24	60.24
DISCCART	733621.38	4055156.50	60.24	60.24
DISCCART	733621.38	4055181.50	60.24	60.24
DISCCART	733621.38	4055206.50	60.24	60.24
DISCCART	733621.38	4055231.50	60.25	60.25
DISCCART	733621.38	4055256.50	60.18	60.18
DISCCART	733621.38	4055281.50	60.18	60.18
DISCCART	733621.38	4055306.50	60.19	60.19
DISCCART	733621.38	4055331.50	60.18	60.18
DISCCART	733646.38	4052331.50	64.28	64.28
DISCCART	733646.38	4052356.50	64.20	64.20
DISCCART	733646.38	4052381.50	64.12	64.12
DISCCART	733646.38	4052406.50	64.04	64.04
DISCCART	733646.38	4052431.50	63.95	63.95
DISCCART	733646.38	4052456.50	63.86	63.86
DISCCART	733646.38	4052481.50	63.82	63.82
DISCCART	733646.38	4052506.50	63.74	63.74
DISCCART	733646.38	4052531.50	63.64	63.64
DISCCART	733646.38	4052556.50	63.60	63.60
DISCCART	733646.38	4052581.50	63.54	63.54
DISCCART	733646.38	4052606.50	63.44	63.44
DISCCART	733646.38	4052631.50	63.36	63.36
DISCCART	733646.38	4052656.50	63.31	63.31
DISCCART	733646.38	4052681.50	63.24	63.24
DISCCART	733646.38	4052706.50	63.20	63.20
DISCCART	733646.38	4052731.50	63.14	63.14
DISCCART	733646.38	4052756.50	63.05	63.05
DISCCART	733646.38	4052781.50	63.02	63.02
DISCCART	733646.38	4052806.50	62.94	62.94
DISCCART	733646.38	4052831.50	62.88	62.88
DISCCART	733646.38	4052856.50	62.84	62.84
DISCCART	733646.38	4052881.50	62.74	62.74
DISCCART	733646.38	4052906.50	62.71	62.71
DISCCART	733646.38	4052931.50	62.64	62.64
DISCCART	733646.38	4052956.50	62.59	62.59
DISCCART	733646.38	4052981.50	62.54	62.54
DISCCART	733646.38	4053006.50	62.45	62.45
DISCCART	733646.38	4053031.50	62.44	62.44
DISCCART	733646.38	4053056.50	62.35	62.35
DISCCART	733646.38	4053081.50	62.34	62.34
DISCCART	733646.38	4053106.50	62.25	62.25
DISCCART	733646.38	4053131.50	62.24	62.24
DISCCART	733646.38	4053156.50	62.15	62.15
DISCCART	733646.38	4053181.50	62.14	62.14
DISCCART	733646.38	4053206.50	62.10	62.10
DISCCART	733646.38	4053231.50	62.04	62.04
DISCCART	733646.38	4053256.50	62.04	62.04
DISCCART	733646.38	4053281.50	61.94	61.94
DISCCART	733646.38	4053306.50	61.94	61.94
DISCCART	733646.38	4053331.50	61.87	61.87
DISCCART	733646.38	4053356.50	61.84	61.84
DISCCART	733646.38	4053381.50	61.83	61.83
DISCCART	733646.38	4053406.50	61.74	61.74
DISCCART	733646.38	4053431.50	61.74	61.74
DISCCART	733646.38	4053456.50	61.71	61.71
DISCCART	733646.38	4053481.50	61.64	61.64
DISCCART	733646.38	4053506.50	61.64	61.64
DISCCART	733646.38	4053531.50	61.55	61.55
DISCCART	733646.38	4053556.50	61.54	61.54
DISCCART	733646.38	4053581.50	61.54	61.54
DISCCART	733646.38	4053606.50	61.46	61.46
DISCCART	733646.38	4053631.50	61.44	61.44
DISCCART	733646.38	4053656.50	61.44	61.44
DISCCART	733646.38	4053681.50	61.37	61.37
DISCCART	733646.38	4053706.50	61.34	61.34

DISCCART	733646.38	4053731.50	61.34	61.34
DISCCART	733646.38	4053756.50	61.24	61.24
DISCCART	733646.38	4053781.50	61.24	61.24
DISCCART	733646.38	4053806.50	61.24	61.24
DISCCART	733646.38	4053831.50	61.24	61.24
DISCCART	733646.38	4053856.50	61.15	61.15
DISCCART	733646.38	4053881.50	61.14	61.14
DISCCART	733646.38	4053906.50	61.09	61.09
DISCCART	733646.38	4053931.50	61.05	61.05
DISCCART	733646.38	4053956.50	61.07	61.07
DISCCART	733646.38	4053981.50	61.04	61.04
DISCCART	733646.38	4054006.50	61.04	61.04
DISCCART	733646.38	4054031.50	61.03	61.03
DISCCART	733646.38	4054056.50	60.85	60.85
DISCCART	733646.38	4054081.50	60.94	60.94
DISCCART	733646.38	4054106.50	60.94	60.94
DISCCART	733646.38	4054131.50	60.93	60.93
DISCCART	733646.38	4054156.50	60.85	60.85
DISCCART	733646.38	4054181.50	60.82	60.82
DISCCART	733646.38	4054206.50	60.76	60.76
DISCCART	733646.38	4054231.50	60.76	60.76
DISCCART	733646.38	4054256.50	60.74	60.74
DISCCART	733646.38	4054281.50	60.74	60.74
DISCCART	733646.38	4054306.50	60.74	60.74
DISCCART	733646.38	4054331.50	60.73	60.73
DISCCART	733646.38	4054356.50	60.65	60.65
DISCCART	733646.38	4054381.50	60.64	60.64
DISCCART	733646.38	4054406.50	60.64	60.64
DISCCART	733646.38	4054431.50	60.64	60.64
DISCCART	733646.38	4054456.50	60.64	60.64
DISCCART	733646.38	4054481.50	60.62	60.62
DISCCART	733646.38	4054506.50	60.56	60.56
DISCCART	733646.38	4054531.50	60.54	60.54
DISCCART	733646.38	4054556.50	60.54	60.54
DISCCART	733646.38	4054581.50	60.54	60.54
DISCCART	733646.38	4054606.50	60.54	60.54
DISCCART	733646.38	4054631.50	60.52	60.52
DISCCART	733646.38	4054656.50	60.44	60.44
DISCCART	733646.38	4054681.50	60.44	60.44
DISCCART	733646.38	4054706.50	60.44	60.44
DISCCART	733646.38	4054731.50	60.44	60.44
DISCCART	733646.38	4054756.50	60.44	60.44
DISCCART	733646.38	4054781.50	60.42	60.42
DISCCART	733646.38	4054806.50	60.40	60.40
DISCCART	733646.38	4054831.50	60.34	60.34
DISCCART	733646.38	4054856.50	60.34	60.34
DISCCART	733646.38	4054881.50	60.34	60.34
DISCCART	733646.38	4054906.50	60.34	60.34
DISCCART	733646.38	4054931.50	60.34	60.34
DISCCART	733646.38	4054956.50	60.33	60.33
DISCCART	733646.38	4054981.50	60.24	60.24
DISCCART	733646.38	4055006.50	60.24	60.24
DISCCART	733646.38	4055031.50	60.24	60.24
DISCCART	733646.38	4055056.50	60.24	60.24
DISCCART	733646.38	4055081.50	60.24	60.24
DISCCART	733646.38	4055106.50	60.24	60.24
DISCCART	733646.38	4055131.50	60.22	60.22
DISCCART	733646.38	4055156.50	60.20	60.20
DISCCART	733646.38	4055181.50	60.16	60.16
DISCCART	733646.38	4055206.50	60.14	60.14
DISCCART	733646.38	4055231.50	60.14	60.14
DISCCART	733646.38	4055256.50	60.14	60.14
DISCCART	733646.38	4055281.50	60.14	60.14
DISCCART	733646.38	4055306.50	60.14	60.14
DISCCART	733646.38	4055331.50	60.14	60.14
DISCCART	733671.38	4052331.50	64.26	64.26
DISCCART	733671.38	4052356.50	64.18	64.18
DISCCART	733671.38	4052381.50	64.09	64.09
DISCCART	733671.38	4052406.50	63.97	63.97
DISCCART	733671.38	4052431.50	63.93	63.93
DISCCART	733671.38	4052456.50	63.84	63.84
DISCCART	733671.38	4052481.50	63.75	63.75
DISCCART	733671.38	4052506.50	63.70	63.70
DISCCART	733671.38	4052531.50	63.64	63.64
DISCCART	733671.38	4052556.50	63.55	63.55
DISCCART	733671.38	4052581.50	63.46	63.46
DISCCART	733671.38	4052606.50	63.42	63.42
DISCCART	733671.38	4052631.50	63.34	63.34
DISCCART	733671.38	4052656.50	63.24	63.24
DISCCART	733671.38	4052681.50	63.23	63.23
DISCCART	733671.38	4052706.50	63.14	63.14
DISCCART	733671.38	4052731.50	63.09	63.09
DISCCART	733671.38	4052756.50	63.04	63.04
DISCCART	733671.38	4052781.50	62.96	62.96
DISCCART	733671.38	4052806.50	62.92	62.92
DISCCART	733671.38	4052831.50	62.84	62.84
DISCCART	733671.38	4052856.50	62.80	62.80
DISCCART	733671.38	4052881.50	62.74	62.74
DISCCART	733671.38	4052906.50	62.65	62.65
DISCCART	733671.38	4052931.50	62.64	62.64
DISCCART	733671.38	4052956.50	62.54	62.54
DISCCART	733671.38	4052981.50	62.46	62.46
DISCCART	733671.38	4053006.50	62.44	62.44
DISCCART	733671.38	4053031.50	62.36	62.36
DISCCART	733671.38	4053056.50	62.34	62.34
DISCCART	733671.38	4053081.50	62.26	62.26
DISCCART	733671.38	4053106.50	62.24	62.24
DISCCART	733671.38	4053131.50	62.19	62.19
DISCCART	733671.38	4053156.50	62.14	62.14
DISCCART	733671.38	4053181.50	62.10	62.10
DISCCART	733671.38	4053206.50	62.04	62.04
DISCCART	733671.38	4053231.50	62.04	62.04
DISCCART	733671.38	4053256.50	61.95	61.95
DISCCART	733671.38	4053281.50	61.94	61.94
DISCCART	733671.38	4053306.50	61.87	61.87
DISCCART	733671.38	4053331.50	61.84	61.84
DISCCART	733671.38	4053356.50	61.83	61.83
DISCCART	733671.38	4053381.50	61.74	61.74
DISCCART	733671.38	4053406.50	61.74	61.74
DISCCART	733671.38	4053431.50	61.70	61.70
DISCCART	733671.38	4053456.50	61.64	61.64
DISCCART	733671.38	4053481.50	61.64	61.64
DISCCART	733671.38	4053506.50	61.55	61.55
DISCCART	733671.38	4053531.50	61.54	61.54
DISCCART	733671.38	4053556.50	61.52	61.52
DISCCART	733671.38	4053581.50	61.44	61.44
DISCCART	733671.38	4053606.50	61.44	61.44

DISCCART	733671.38	4053631.50	61.44	61.44
DISCCART	733671.38	4053656.50	61.37	61.37
DISCCART	733671.38	4053681.50	61.34	61.34
DISCCART	733671.38	4053706.50	61.34	61.34
DISCCART	733671.38	4053731.50	61.25	61.25
DISCCART	733671.38	4053756.50	61.24	61.24
DISCCART	733671.38	4053781.50	61.24	61.24
DISCCART	733671.38	4053806.50	61.14	61.14
DISCCART	733671.38	4053831.50	61.14	61.14
DISCCART	733671.38	4053856.50	61.14	61.14
DISCCART	733671.38	4053881.50	61.13	61.13
DISCCART	733671.38	4053906.50	61.04	61.04
DISCCART	733671.38	4053931.50	60.98	60.98
DISCCART	733671.38	4053956.50	61.00	61.00
DISCCART	733671.38	4053981.50	61.04	61.04
DISCCART	733671.38	4054006.50	60.99	60.99
DISCCART	733671.38	4054031.50	60.94	60.94
DISCCART	733671.38	4054056.50	60.85	60.85
DISCCART	733671.38	4054081.50	60.94	60.94
DISCCART	733671.38	4054106.50	60.88	60.88
DISCCART	733671.38	4054131.50	60.84	60.84
DISCCART	733671.38	4054156.50	60.84	60.84
DISCCART	733671.38	4054181.50	60.74	60.74
DISCCART	733671.38	4054206.50	60.74	60.74
DISCCART	733671.38	4054231.50	60.74	60.74
DISCCART	733671.38	4054256.50	60.74	60.74
DISCCART	733671.38	4054281.50	60.74	60.74
DISCCART	733671.38	4054306.50	60.67	60.67
DISCCART	733671.38	4054331.50	60.64	60.64
DISCCART	733671.38	4054356.50	60.64	60.64
DISCCART	733671.38	4054381.50	60.64	60.64
DISCCART	733671.38	4054406.50	60.64	60.64
DISCCART	733671.38	4054431.50	60.60	60.60
DISCCART	733671.38	4054456.50	60.54	60.54
DISCCART	733671.38	4054481.50	60.54	60.54
DISCCART	733671.38	4054506.50	60.54	60.54
DISCCART	733671.38	4054531.50	60.54	60.54
DISCCART	733671.38	4054556.50	60.53	60.53
DISCCART	733671.38	4054581.50	60.48	60.48
DISCCART	733671.38	4054606.50	60.44	60.44
DISCCART	733671.38	4054631.50	60.44	60.44
DISCCART	733671.38	4054656.50	60.44	60.44
DISCCART	733671.38	4054681.50	60.44	60.44
DISCCART	733671.38	4054706.50	60.44	60.44
DISCCART	733671.38	4054731.50	60.40	60.40
DISCCART	733671.38	4054756.50	60.34	60.34
DISCCART	733671.38	4054781.50	60.34	60.34
DISCCART	733671.38	4054806.50	60.34	60.34
DISCCART	733671.38	4054831.50	60.34	60.34
DISCCART	733671.38	4054856.50	60.34	60.34
DISCCART	733671.38	4054881.50	60.34	60.34
DISCCART	733671.38	4054906.50	60.27	60.27
DISCCART	733671.38	4054931.50	60.24	60.24
DISCCART	733671.38	4054956.50	60.24	60.24
DISCCART	733671.38	4054981.50	60.24	60.24
DISCCART	733671.38	4055006.50	60.24	60.24
DISCCART	733671.38	4055031.50	60.24	60.24
DISCCART	733671.38	4055056.50	60.24	60.24
DISCCART	733671.38	4055081.50	60.19	60.19
DISCCART	733671.38	4055106.50	60.15	60.15
DISCCART	733671.38	4055131.50	60.14	60.14
DISCCART	733671.38	4055156.50	60.14	60.14
DISCCART	733671.38	4055181.50	60.14	60.14
DISCCART	733671.38	4055206.50	60.14	60.14
DISCCART	733671.38	4055231.50	60.14	60.14
DISCCART	733671.38	4055256.50	60.14	60.14
DISCCART	733671.38	4055281.50	60.14	60.14
DISCCART	733671.38	4055306.50	60.13	60.13
DISCCART	733671.38	4055331.50	60.12	60.12
DISCCART	733696.38	4052331.50	64.19	64.19
DISCCART	733696.38	4052356.50	64.14	64.14
DISCCART	733696.38	4052381.50	64.05	64.05
DISCCART	733696.38	4052406.50	63.95	63.95
DISCCART	733696.38	4052431.50	63.88	63.88
DISCCART	733696.38	4052456.50	63.80	63.80
DISCCART	733696.38	4052481.50	63.74	63.74
DISCCART	733696.38	4052506.50	63.65	63.65
DISCCART	733696.38	4052531.50	63.56	63.56
DISCCART	733696.38	4052556.50	63.51	63.51
DISCCART	733696.38	4052581.50	63.44	63.44
DISCCART	733696.38	4052606.50	63.34	63.34
DISCCART	733696.38	4052631.50	63.28	63.28
DISCCART	733696.38	4052656.50	63.24	63.24
DISCCART	733696.38	4052681.50	63.15	63.15
DISCCART	733696.38	4052706.50	63.12	63.12
DISCCART	733696.38	4052731.50	63.04	63.04
DISCCART	733696.38	4052756.50	62.96	62.96
DISCCART	733696.38	4052781.50	62.94	62.94
DISCCART	733696.38	4052806.50	62.85	62.85
DISCCART	733696.38	4052831.50	62.83	62.83
DISCCART	733696.38	4052856.50	62.74	62.74
DISCCART	733696.38	4052881.50	62.73	62.73
DISCCART	733696.38	4052906.50	62.64	62.64
DISCCART	733696.38	4052931.50	62.54	62.54
DISCCART	733696.38	4052956.50	62.52	62.52
DISCCART	733696.38	4052981.50	62.44	62.44
DISCCART	733696.38	4053006.50	62.41	62.41
DISCCART	733696.38	4053031.50	62.34	62.34
DISCCART	733696.38	4053056.50	62.31	62.31
DISCCART	733696.38	4053081.50	62.24	62.24
DISCCART	733696.38	4053106.50	62.20	62.20
DISCCART	733696.38	4053131.50	62.14	62.14
DISCCART	733696.38	4053156.50	62.10	62.10
DISCCART	733696.38	4053181.50	62.04	62.04
DISCCART	733696.38	4053206.50	62.04	62.04
DISCCART	733696.38	4053231.50	61.94	61.94
DISCCART	733696.38	4053256.50	61.94	61.94
DISCCART	733696.38	4053281.50	61.86	61.86
DISCCART	733696.38	4053306.50	61.84	61.84
DISCCART	733696.38	4053331.50	61.82	61.82
DISCCART	733696.38	4053356.50	61.74	61.74
DISCCART	733696.38	4053381.50	61.74	61.74
DISCCART	733696.38	4053406.50	61.71	61.71
DISCCART	733696.38	4053431.50	61.64	61.64
DISCCART	733696.38	4053456.50	61.64	61.64
DISCCART	733696.38	4053481.50	61.58	61.58
DISCCART	733696.38	4053506.50	61.54	61.54

DISCCART	733696.38	4053531.50	61.54	61.54
DISCCART	733696.38	4053556.50	61.45	61.45
DISCCART	733696.38	4053581.50	61.44	61.44
DISCCART	733696.38	4053606.50	61.40	61.40
DISCCART	733696.38	4053631.50	61.36	61.36
DISCCART	733696.38	4053656.50	61.34	61.34
DISCCART	733696.38	4053681.50	61.34	61.34
DISCCART	733696.38	4053706.50	61.31	61.31
DISCCART	733696.38	4053731.50	61.24	61.24
DISCCART	733696.38	4053756.50	61.24	61.24
DISCCART	733696.38	4053781.50	61.18	61.18
DISCCART	733696.38	4053806.50	61.14	61.14
DISCCART	733696.38	4053831.50	61.09	61.09
DISCCART	733696.38	4053856.50	61.08	61.08
DISCCART	733696.38	4053881.50	61.07	61.07
DISCCART	733696.38	4053906.50	61.03	61.03
DISCCART	733696.38	4053931.50	60.94	60.94
DISCCART	733696.38	4053956.50	60.90	60.90
DISCCART	733696.38	4053981.50	60.95	60.95
DISCCART	733696.38	4054006.50	60.94	60.94
DISCCART	733696.38	4054031.50	60.94	60.94
DISCCART	733696.38	4054056.50	60.75	60.75
DISCCART	733696.38	4054081.50	60.84	60.84
DISCCART	733696.38	4054106.50	60.84	60.84
DISCCART	733696.38	4054131.50	60.84	60.84
DISCCART	733696.38	4054156.50	60.80	60.80
DISCCART	733696.38	4054181.50	60.74	60.74
DISCCART	733696.38	4054206.50	60.74	60.74
DISCCART	733696.38	4054231.50	60.74	60.74
DISCCART	733696.38	4054256.50	60.74	60.74
DISCCART	733696.38	4054281.50	60.65	60.65
DISCCART	733696.38	4054306.50	60.64	60.64
DISCCART	733696.38	4054331.50	60.64	60.64
DISCCART	733696.38	4054356.50	60.64	60.64
DISCCART	733696.38	4054381.50	60.63	60.63
DISCCART	733696.38	4054406.50	60.55	60.55
DISCCART	733696.38	4054431.50	60.54	60.54
DISCCART	733696.38	4054456.50	60.54	60.54
DISCCART	733696.38	4054481.50	60.54	60.54
DISCCART	733696.38	4054506.50	60.51	60.51
DISCCART	733696.38	4054531.50	60.46	60.46
DISCCART	733696.38	4054556.50	60.44	60.44
DISCCART	733696.38	4054581.50	60.44	60.44
DISCCART	733696.38	4054606.50	60.44	60.44
DISCCART	733696.38	4054631.50	60.44	60.44
DISCCART	733696.38	4054656.50	60.43	60.43
DISCCART	733696.38	4054681.50	60.35	60.35
DISCCART	733696.38	4054706.50	60.34	60.34
DISCCART	733696.38	4054731.50	60.34	60.34
DISCCART	733696.38	4054756.50	60.34	60.34
DISCCART	733696.38	4054781.50	60.34	60.34
DISCCART	733696.38	4054806.50	60.34	60.34
DISCCART	733696.38	4054831.50	60.32	60.32
DISCCART	733696.38	4054856.50	60.26	60.26
DISCCART	733696.38	4054881.50	60.24	60.24
DISCCART	733696.38	4054906.50	60.24	60.24
DISCCART	733696.38	4054931.50	60.24	60.24
DISCCART	733696.38	4054956.50	60.24	60.24
DISCCART	733696.38	4054981.50	60.23	60.23
DISCCART	733696.38	4055006.50	60.16	60.16
DISCCART	733696.38	4055031.50	60.15	60.15
DISCCART	733696.38	4055056.50	60.14	60.14
DISCCART	733696.38	4055081.50	60.14	60.14
DISCCART	733696.38	4055106.50	60.14	60.14
DISCCART	733696.38	4055131.50	60.14	60.14
DISCCART	733696.38	4055156.50	60.14	60.14
DISCCART	733696.38	4055181.50	60.12	60.12
DISCCART	733696.38	4055206.50	60.11	60.11
DISCCART	733696.38	4055231.50	60.05	60.05
DISCCART	733696.38	4055256.50	60.04	60.04
DISCCART	733696.38	4055281.50	60.04	60.04
DISCCART	733696.38	4055306.50	60.04	60.04
DISCCART	733696.38	4055331.50	60.04	60.04
DISCCART	733721.38	4052331.50	64.18	64.18
DISCCART	733721.38	4052356.50	64.05	64.05
DISCCART	733721.38	4052381.50	63.98	63.98
DISCCART	733721.38	4052406.50	63.92	63.92
DISCCART	733721.38	4052431.50	63.84	63.84
DISCCART	733721.38	4052456.50	63.76	63.76
DISCCART	733721.38	4052481.50	63.66	63.66
DISCCART	733721.38	4052506.50	63.62	63.62
DISCCART	733721.38	4052531.50	63.54	63.54
DISCCART	733721.38	4052556.50	63.44	63.44
DISCCART	733721.38	4052581.50	63.40	63.40
DISCCART	733721.38	4052606.50	63.34	63.34
DISCCART	733721.38	4052631.50	63.24	63.24
DISCCART	733721.38	4052656.50	63.22	63.22
DISCCART	733721.38	4052681.50	63.14	63.14
DISCCART	733721.38	4052706.50	63.05	63.05
DISCCART	733721.38	4052731.50	63.03	63.03
DISCCART	733721.38	4052756.50	62.94	62.94
DISCCART	733721.38	4052781.50	62.88	62.88
DISCCART	733721.38	4052806.50	62.84	62.84
DISCCART	733721.38	4052831.50	62.75	62.75
DISCCART	733721.38	4052856.50	62.72	62.72
DISCCART	733721.38	4052881.50	62.64	62.64
DISCCART	733721.38	4052906.50	62.58	62.58
DISCCART	733721.38	4052931.50	62.54	62.54
DISCCART	733721.38	4052956.50	62.44	62.44
DISCCART	733721.38	4052981.50	62.44	62.44
DISCCART	733721.38	4053006.50	62.34	62.34
DISCCART	733721.38	4053031.50	62.33	62.33
DISCCART	733721.38	4053056.50	62.24	62.24
DISCCART	733721.38	4053081.50	62.20	62.20
DISCCART	733721.38	4053106.50	62.14	62.14
DISCCART	733721.38	4053131.50	62.10	62.10
DISCCART	733721.38	4053156.50	62.04	62.04
DISCCART	733721.38	4053181.50	62.04	62.04
DISCCART	733721.38	4053206.50	61.95	61.95
DISCCART	733721.38	4053231.50	61.94	61.94
DISCCART	733721.38	4053256.50	61.84	61.84
DISCCART	733721.38	4053281.50	61.84	61.84
DISCCART	733721.38	4053306.50	61.78	61.78
DISCCART	733721.38	4053331.50	61.74	61.74
DISCCART	733721.38	4053356.50	61.74	61.74
DISCCART	733721.38	4053381.50	61.70	61.70
DISCCART	733721.38	4053406.50	61.64	61.64

DISCCART	733721.38	4053431.50	61.64	61.64
DISCCART	733721.38	4053456.50	61.57	61.57
DISCCART	733721.38	4053481.50	61.54	61.54
DISCCART	733721.38	4053506.50	61.54	61.54
DISCCART	733721.38	4053531.50	61.45	61.45
DISCCART	733721.38	4053556.50	61.44	61.44
DISCCART	733721.38	4053581.50	61.44	61.44
DISCCART	733721.38	4053606.50	61.34	61.34
DISCCART	733721.38	4053631.50	61.34	61.34
DISCCART	733721.38	4053656.50	61.27	61.27
DISCCART	733721.38	4053681.50	61.25	61.25
DISCCART	733721.38	4053706.50	61.24	61.24
DISCCART	733721.38	4053731.50	61.24	61.24
DISCCART	733721.38	4053756.50	61.17	61.17
DISCCART	733721.38	4053781.50	61.14	61.14
DISCCART	733721.38	4053806.50	61.13	61.13
DISCCART	733721.38	4053831.50	61.04	61.04
DISCCART	733721.38	4053856.50	61.02	61.02
DISCCART	733721.38	4053881.50	60.97	60.97
DISCCART	733721.38	4053906.50	60.98	60.98
DISCCART	733721.38	4053931.50	60.94	60.94
DISCCART	733721.38	4053956.50	60.84	60.84
DISCCART	733721.38	4053981.50	60.93	60.93
DISCCART	733721.38	4054006.50	60.94	60.94
DISCCART	733721.38	4054031.50	60.85	60.85
DISCCART	733721.38	4054056.50	60.74	60.74
DISCCART	733721.38	4054081.50	60.84	60.84
DISCCART	733721.38	4054106.50	60.84	60.84
DISCCART	733721.38	4054131.50	60.78	60.78
DISCCART	733721.38	4054156.50	60.69	60.69
DISCCART	733721.38	4054181.50	60.74	60.74
DISCCART	733721.38	4054206.50	60.72	60.72
DISCCART	733721.38	4054231.50	60.68	60.68
DISCCART	733721.38	4054256.50	60.64	60.64
DISCCART	733721.38	4054281.50	60.64	60.64
DISCCART	733721.38	4054306.50	60.64	60.64
DISCCART	733721.38	4054331.50	60.64	60.64
DISCCART	733721.38	4054356.50	60.57	60.57
DISCCART	733721.38	4054381.50	60.54	60.54
DISCCART	733721.38	4054406.50	60.54	60.54
DISCCART	733721.38	4054431.50	60.54	60.54
DISCCART	733721.38	4054456.50	60.53	60.53
DISCCART	733721.38	4054481.50	60.46	60.46
DISCCART	733721.38	4054506.50	60.44	60.44
DISCCART	733721.38	4054531.50	60.44	60.44
DISCCART	733721.38	4054556.50	60.44	60.44
DISCCART	733721.38	4054581.50	60.44	60.44
DISCCART	733721.38	4054606.50	60.38	60.38
DISCCART	733721.38	4054631.50	60.34	60.34
DISCCART	733721.38	4054656.50	60.34	60.34
DISCCART	733721.38	4054681.50	60.34	60.34
DISCCART	733721.38	4054706.50	60.34	60.34
DISCCART	733721.38	4054731.50	60.34	60.34
DISCCART	733721.38	4054756.50	60.32	60.32
DISCCART	733721.38	4054781.50	60.28	60.28
DISCCART	733721.38	4054806.50	60.24	60.24
DISCCART	733721.38	4054831.50	60.24	60.24
DISCCART	733721.38	4054856.50	60.24	60.24
DISCCART	733721.38	4054881.50	60.24	60.24
DISCCART	733721.38	4054906.50	60.24	60.24
DISCCART	733721.38	4054931.50	60.18	60.18
DISCCART	733721.38	4054956.50	60.15	60.15
DISCCART	733721.38	4054981.50	60.14	60.14
DISCCART	733721.38	4055006.50	60.14	60.14
DISCCART	733721.38	4055031.50	60.14	60.14
DISCCART	733721.38	4055056.50	60.14	60.14
DISCCART	733721.38	4055081.50	60.14	60.14
DISCCART	733721.38	4055106.50	60.09	60.09
DISCCART	733721.38	4055131.50	60.05	60.05
DISCCART	733721.38	4055156.50	60.04	60.04
DISCCART	733721.38	4055181.50	60.04	60.04
DISCCART	733721.38	4055206.50	60.04	60.04
DISCCART	733721.38	4055231.50	60.04	60.04
DISCCART	733721.38	4055256.50	60.04	60.04
DISCCART	733721.38	4055281.50	60.04	60.04
DISCCART	733721.38	4055306.50	60.04	60.04
DISCCART	733721.38	4055331.50	60.04	60.04
DISCCART	733746.38	4052331.50	64.12	64.12
DISCCART	733746.38	4052356.50	64.04	64.04
DISCCART	733746.38	4052381.50	63.94	63.94
DISCCART	733746.38	4052406.50	63.86	63.86
DISCCART	733746.38	4052431.50	63.78	63.78
DISCCART	733746.38	4052456.50	63.74	63.74
DISCCART	733746.38	4052481.50	63.64	63.64
DISCCART	733746.38	4052506.50	63.55	63.55
DISCCART	733746.38	4052531.50	63.47	63.47
DISCCART	733746.38	4052556.50	63.44	63.44
DISCCART	733746.38	4052581.50	63.34	63.34
DISCCART	733746.38	4052606.50	63.25	63.25
DISCCART	733746.38	4052631.50	63.24	63.24
DISCCART	733746.38	4052656.50	63.14	63.14
DISCCART	733746.38	4052681.50	63.09	63.09
DISCCART	733746.38	4052706.50	63.04	63.04
DISCCART	733746.38	4052731.50	62.95	62.95
DISCCART	733746.38	4052756.50	62.94	62.94
DISCCART	733746.38	4052781.50	62.84	62.84
DISCCART	733746.38	4052806.50	62.80	62.80
DISCCART	733746.38	4052831.50	62.74	62.74
DISCCART	733746.38	4052856.50	62.65	62.65
DISCCART	733746.38	4052881.50	62.63	62.63
DISCCART	733746.38	4052906.50	62.54	62.54
DISCCART	733746.38	4052931.50	62.47	62.47
DISCCART	733746.38	4052956.50	62.44	62.44
DISCCART	733746.38	4052981.50	62.35	62.35
DISCCART	733746.38	4053006.50	62.34	62.34
DISCCART	733746.38	4053031.50	62.25	62.25
DISCCART	733746.38	4053056.50	62.24	62.24
DISCCART	733746.38	4053081.50	62.14	62.14
DISCCART	733746.38	4053106.50	62.14	62.14
DISCCART	733746.38	4053131.50	62.04	62.04
DISCCART	733746.38	4053156.50	62.04	62.04
DISCCART	733746.38	4053181.50	61.94	61.94
DISCCART	733746.38	4053206.50	61.94	61.94
DISCCART	733746.38	4053231.50	61.84	61.84
DISCCART	733746.38	4053256.50	61.84	61.84
DISCCART	733746.38	4053281.50	61.77	61.77
DISCCART	733746.38	4053306.50	61.74	61.74

DISCCART	733746.38	4053331.50	61.74	61.74
DISCCART	733746.38	4053356.50	61.71	61.71
DISCCART	733746.38	4053381.50	61.64	61.64
DISCCART	733746.38	4053406.50	61.64	61.64
DISCCART	733746.38	4053431.50	61.58	61.58
DISCCART	733746.38	4053456.50	61.54	61.54
DISCCART	733746.38	4053481.50	61.54	61.54
DISCCART	733746.38	4053506.50	61.46	61.46
DISCCART	733746.38	4053531.50	61.44	61.44
DISCCART	733746.38	4053556.50	61.43	61.43
DISCCART	733746.38	4053581.50	61.34	61.34
DISCCART	733746.38	4053606.50	61.34	61.34
DISCCART	733746.38	4053631.50	61.33	61.33
DISCCART	733746.38	4053656.50	61.24	61.24
DISCCART	733746.38	4053681.50	61.24	61.24
DISCCART	733746.38	4053706.50	61.21	61.21
DISCCART	733746.38	4053731.50	61.14	61.14
DISCCART	733746.38	4053756.50	61.14	61.14
DISCCART	733746.38	4053781.50	61.14	61.14
DISCCART	733746.38	4053806.50	61.06	61.06
DISCCART	733746.38	4053831.50	61.04	61.04
DISCCART	733746.38	4053856.50	60.95	60.95
DISCCART	733746.38	4053881.50	60.94	60.94
DISCCART	733746.38	4053906.50	60.88	60.88
DISCCART	733746.38	4053931.50	60.93	60.93
DISCCART	733746.38	4053956.50	60.84	60.84
DISCCART	733746.38	4053981.50	60.74	60.74
DISCCART	733746.38	4054006.50	60.84	60.84
DISCCART	733746.38	4054031.50	60.84	60.84
DISCCART	733746.38	4054056.50	60.74	60.74
DISCCART	733746.38	4054081.50	60.82	60.82
DISCCART	733746.38	4054106.50	60.74	60.74
DISCCART	733746.38	4054131.50	60.69	60.69
DISCCART	733746.38	4054156.50	60.64	60.64
DISCCART	733746.38	4054181.50	60.64	60.64
DISCCART	733746.38	4054206.50	60.64	60.64
DISCCART	733746.38	4054231.50	60.64	60.64
DISCCART	733746.38	4054256.50	60.64	60.64
DISCCART	733746.38	4054281.50	60.63	60.63
DISCCART	733746.38	4054306.50	60.56	60.56
DISCCART	733746.38	4054331.50	60.54	60.54
DISCCART	733746.38	4054356.50	60.54	60.54
DISCCART	733746.38	4054381.50	60.54	60.54
DISCCART	733746.38	4054406.50	60.52	60.52
DISCCART	733746.38	4054431.50	60.45	60.45
DISCCART	733746.38	4054456.50	60.44	60.44
DISCCART	733746.38	4054481.50	60.44	60.44
DISCCART	733746.38	4054506.50	60.44	60.44
DISCCART	733746.38	4054531.50	60.43	60.43
DISCCART	733746.38	4054556.50	60.36	60.36
DISCCART	733746.38	4054581.50	60.34	60.34
DISCCART	733746.38	4054606.50	60.34	60.34
DISCCART	733746.38	4054631.50	60.34	60.34
DISCCART	733746.38	4054656.50	60.34	60.34
DISCCART	733746.38	4054681.50	60.33	60.33
DISCCART	733746.38	4054706.50	60.26	60.26
DISCCART	733746.38	4054731.50	60.24	60.24
DISCCART	733746.38	4054756.50	60.24	60.24
DISCCART	733746.38	4054781.50	60.24	60.24
DISCCART	733746.38	4054806.50	60.24	60.24
DISCCART	733746.38	4054831.50	60.24	60.24
DISCCART	733746.38	4054856.50	60.22	60.22
DISCCART	733746.38	4054881.50	60.15	60.15
DISCCART	733746.38	4054906.50	60.14	60.14
DISCCART	733746.38	4054931.50	60.14	60.14
DISCCART	733746.38	4054956.50	60.14	60.14
DISCCART	733746.38	4054981.50	60.14	60.14
DISCCART	733746.38	4055006.50	60.14	60.14
DISCCART	733746.38	4055031.50	60.12	60.12
DISCCART	733746.38	4055056.50	60.06	60.06
DISCCART	733746.38	4055081.50	60.04	60.04
DISCCART	733746.38	4055106.50	60.04	60.04
DISCCART	733746.38	4055131.50	60.04	60.04
DISCCART	733746.38	4055156.50	60.04	60.04
DISCCART	733746.38	4055181.50	60.04	60.04
DISCCART	733746.38	4055206.50	60.04	60.04
DISCCART	733746.38	4055231.50	60.03	60.03
DISCCART	733746.38	4055256.50	59.97	59.97
DISCCART	733746.38	4055281.50	59.98	59.98
DISCCART	733746.38	4055306.50	59.95	59.95
DISCCART	733746.38	4055331.50	59.95	59.95
DISCCART	733771.38	4052331.50	64.04	64.04
DISCCART	733771.38	4052356.50	63.98	63.98
DISCCART	733771.38	4052381.50	63.93	63.93
DISCCART	733771.38	4052406.50	63.82	63.82
DISCCART	733771.38	4052431.50	63.74	63.74
DISCCART	733771.38	4052456.50	63.67	63.67
DISCCART	733771.38	4052481.50	63.60	63.60
DISCCART	733771.38	4052506.50	63.54	63.54
DISCCART	733771.38	4052531.50	63.44	63.44
DISCCART	733771.38	4052556.50	63.38	63.38
DISCCART	733771.38	4052581.50	63.34	63.34
DISCCART	733771.38	4052606.50	63.24	63.24
DISCCART	733771.38	4052631.50	63.16	63.16
DISCCART	733771.38	4052656.50	63.13	63.13
DISCCART	733771.38	4052681.50	63.04	63.04
DISCCART	733771.38	4052706.50	62.97	62.97
DISCCART	733771.38	4052731.50	62.94	62.94
DISCCART	733771.38	4052756.50	62.85	62.85
DISCCART	733771.38	4052781.50	62.84	62.84
DISCCART	733771.38	4052806.50	62.74	62.74
DISCCART	733771.38	4052831.50	62.66	62.66
DISCCART	733771.38	4052856.50	62.64	62.64
DISCCART	733771.38	4052881.50	62.54	62.54
DISCCART	733771.38	4052906.50	62.48	62.48
DISCCART	733771.38	4052931.50	62.44	62.44
DISCCART	733771.38	4052956.50	62.38	62.38
DISCCART	733771.38	4052981.50	62.34	62.34
DISCCART	733771.38	4053006.50	62.27	62.27
DISCCART	733771.38	4053031.50	62.24	62.24
DISCCART	733771.38	4053056.50	62.17	62.17
DISCCART	733771.38	4053081.50	62.14	62.14
DISCCART	733771.38	4053106.50	62.05	62.05
DISCCART	733771.38	4053131.50	62.04	62.04
DISCCART	733771.38	4053156.50	61.95	61.95
DISCCART	733771.38	4053181.50	61.94	61.94
DISCCART	733771.38	4053206.50	61.84	61.84

DISCCART	733771.38	4053231.50	61.84	61.84
DISCCART	733771.38	4053256.50	61.78	61.78
DISCCART	733771.38	4053281.50	61.74	61.74
DISCCART	733771.38	4053306.50	61.74	61.74
DISCCART	733771.38	4053331.50	61.66	61.66
DISCCART	733771.38	4053356.50	61.64	61.64
DISCCART	733771.38	4053381.50	61.64	61.64
DISCCART	733771.38	4053406.50	61.57	61.57
DISCCART	733771.38	4053431.50	61.54	61.54
DISCCART	733771.38	4053456.50	61.54	61.54
DISCCART	733771.38	4053481.50	61.45	61.45
DISCCART	733771.38	4053506.50	61.44	61.44
DISCCART	733771.38	4053531.50	61.44	61.44
DISCCART	733771.38	4053556.50	61.35	61.35
DISCCART	733771.38	4053581.50	61.34	61.34
DISCCART	733771.38	4053606.50	61.33	61.33
DISCCART	733771.38	4053631.50	61.24	61.24
DISCCART	733771.38	4053656.50	61.24	61.24
DISCCART	733771.38	4053681.50	61.20	61.20
DISCCART	733771.38	4053706.50	61.14	61.14
DISCCART	733771.38	4053731.50	61.14	61.14
DISCCART	733771.38	4053756.50	61.05	61.05
DISCCART	733771.38	4053781.50	61.04	61.04
DISCCART	733771.38	4053806.50	61.01	61.01
DISCCART	733771.38	4053831.50	61.00	61.00
DISCCART	733771.38	4053856.50	60.94	60.94
DISCCART	733771.38	4053881.50	60.87	60.87
DISCCART	733771.38	4053906.50	60.84	60.84
DISCCART	733771.38	4053931.50	60.78	60.78
DISCCART	733771.38	4053956.50	60.81	60.81
DISCCART	733771.38	4053981.50	60.74	60.74
DISCCART	733771.38	4054006.50	60.75	60.75
DISCCART	733771.38	4054031.50	60.84	60.84
DISCCART	733771.38	4054056.50	60.74	60.74
DISCCART	733771.38	4054081.50	60.74	60.74
DISCCART	733771.38	4054106.50	60.74	60.74
DISCCART	733771.38	4054131.50	60.64	60.64
DISCCART	733771.38	4054156.50	60.64	60.64
DISCCART	733771.38	4054181.50	60.64	60.64
DISCCART	733771.38	4054206.50	60.64	60.64
DISCCART	733771.38	4054231.50	60.64	60.64
DISCCART	733771.38	4054256.50	60.57	60.57
DISCCART	733771.38	4054281.50	60.54	60.54
DISCCART	733771.38	4054306.50	60.54	60.54
DISCCART	733771.38	4054331.50	60.54	60.54
DISCCART	733771.38	4054356.50	60.54	60.54
DISCCART	733771.38	4054381.50	60.49	60.49
DISCCART	733771.38	4054406.50	60.44	60.44
DISCCART	733771.38	4054431.50	60.44	60.44
DISCCART	733771.38	4054456.50	60.44	60.44
DISCCART	733771.38	4054481.50	60.43	60.43
DISCCART	733771.38	4054506.50	60.37	60.37
DISCCART	733771.38	4054531.50	60.34	60.34
DISCCART	733771.38	4054556.50	60.34	60.34
DISCCART	733771.38	4054581.50	60.34	60.34
DISCCART	733771.38	4054606.50	60.34	60.34
DISCCART	733771.38	4054631.50	60.29	60.29
DISCCART	733771.38	4054656.50	60.24	60.24
DISCCART	733771.38	4054681.50	60.24	60.24
DISCCART	733771.38	4054706.50	60.24	60.24
DISCCART	733771.38	4054731.50	60.24	60.24
DISCCART	733771.38	4054756.50	60.24	60.24
DISCCART	733771.38	4054781.50	60.24	60.24
DISCCART	733771.38	4054806.50	60.19	60.19
DISCCART	733771.38	4054831.50	60.14	60.14
DISCCART	733771.38	4054856.50	60.14	60.14
DISCCART	733771.38	4054881.50	60.14	60.14
DISCCART	733771.38	4054906.50	60.14	60.14
DISCCART	733771.38	4054931.50	60.14	60.14
DISCCART	733771.38	4054956.50	60.09	60.09
DISCCART	733771.38	4054981.50	60.05	60.05
DISCCART	733771.38	4055006.50	60.04	60.04
DISCCART	733771.38	4055031.50	60.04	60.04
DISCCART	733771.38	4055056.50	60.04	60.04
DISCCART	733771.38	4055081.50	60.04	60.04
DISCCART	733771.38	4055106.50	60.04	60.04
DISCCART	733771.38	4055131.50	60.00	60.00
DISCCART	733771.38	4055156.50	59.98	59.98
DISCCART	733771.38	4055181.50	59.95	59.95
DISCCART	733771.38	4055206.50	59.94	59.94
DISCCART	733771.38	4055231.50	59.94	59.94
DISCCART	733771.38	4055256.50	59.94	59.94
DISCCART	733771.38	4055281.50	59.94	59.94
DISCCART	733771.38	4055306.50	59.94	59.94
DISCCART	733771.38	4055331.50	59.94	59.94
DISCCART	733796.38	4052331.50	64.02	64.02
DISCCART	733796.38	4052356.50	63.94	63.94
DISCCART	733796.38	4052381.50	63.85	63.85
DISCCART	733796.38	4052406.50	63.79	63.79
DISCCART	733796.38	4052431.50	63.73	63.73
DISCCART	733796.38	4052456.50	63.64	63.64
DISCCART	733796.38	4052481.50	63.54	63.54
DISCCART	733796.38	4052506.50	63.51	63.51
DISCCART	733796.38	4052531.50	63.43	63.43
DISCCART	733796.38	4052556.50	63.34	63.34
DISCCART	733796.38	4052581.50	63.25	63.25
DISCCART	733796.38	4052606.50	63.22	63.22
DISCCART	733796.38	4052631.50	63.14	63.14
DISCCART	733796.38	4052656.50	63.06	63.06
DISCCART	733796.38	4052681.50	63.02	63.02
DISCCART	733796.38	4052706.50	62.94	62.94
DISCCART	733796.38	4052731.50	62.87	62.87
DISCCART	733796.38	4052756.50	62.84	62.84
DISCCART	733796.38	4052781.50	62.74	62.74
DISCCART	733796.38	4052806.50	62.70	62.70
DISCCART	733796.38	4052831.50	62.64	62.64
DISCCART	733796.38	4052856.50	62.55	62.55
DISCCART	733796.38	4052881.50	62.53	62.53
DISCCART	733796.38	4052906.50	62.44	62.44
DISCCART	733796.38	4052931.50	62.38	62.38
DISCCART	733796.38	4052956.50	62.34	62.34
DISCCART	733796.38	4052981.50	62.28	62.28
DISCCART	733796.38	4053006.50	62.24	62.24
DISCCART	733796.38	4053031.50	62.18	62.18
DISCCART	733796.38	4053056.50	62.14	62.14
DISCCART	733796.38	4053081.50	62.07	62.07
DISCCART	733796.38	4053106.50	62.04	62.04

DISCCART	733796.38	4053131.50	61.97	61.97
DISCCART	733796.38	4053156.50	61.94	61.94
DISCCART	733796.38	4053181.50	61.87	61.87
DISCCART	733796.38	4053206.50	61.84	61.84
DISCCART	733796.38	4053231.50	61.77	61.77
DISCCART	733796.38	4053256.50	61.74	61.74
DISCCART	733796.38	4053281.50	61.74	61.74
DISCCART	733796.38	4053306.50	61.65	61.65
DISCCART	733796.38	4053331.50	61.64	61.64
DISCCART	733796.38	4053356.50	61.64	61.64
DISCCART	733796.38	4053381.50	61.58	61.58
DISCCART	733796.38	4053406.50	61.54	61.54
DISCCART	733796.38	4053431.50	61.54	61.54
DISCCART	733796.38	4053456.50	61.46	61.46
DISCCART	733796.38	4053481.50	61.44	61.44
DISCCART	733796.38	4053506.50	61.44	61.44
DISCCART	733796.38	4053531.50	61.34	61.34
DISCCART	733796.38	4053556.50	61.34	61.34
DISCCART	733796.38	4053581.50	61.32	61.32
DISCCART	733796.38	4053606.50	61.24	61.24
DISCCART	733796.38	4053631.50	61.24	61.24
DISCCART	733796.38	4053656.50	61.23	61.23
DISCCART	733796.38	4053681.50	61.14	61.14
DISCCART	733796.38	4053706.50	61.14	61.14
DISCCART	733796.38	4053731.50	61.08	61.08
DISCCART	733796.38	4053756.50	61.04	61.04
DISCCART	733796.38	4053781.50	61.02	61.02
DISCCART	733796.38	4053806.50	60.94	60.94
DISCCART	733796.38	4053831.50	60.92	60.92
DISCCART	733796.38	4053856.50	60.91	60.91
DISCCART	733796.38	4053881.50	60.85	60.85
DISCCART	733796.38	4053906.50	60.81	60.81
DISCCART	733796.38	4053931.50	60.74	60.74
DISCCART	733796.38	4053956.50	60.73	60.73
DISCCART	733796.38	4053981.50	60.68	60.68
DISCCART	733796.38	4054006.50	60.65	60.65
DISCCART	733796.38	4054031.50	60.73	60.73
DISCCART	733796.38	4054056.50	60.65	60.65
DISCCART	733796.38	4054081.50	60.74	60.74
DISCCART	733796.38	4054106.50	60.66	60.66
DISCCART	733796.38	4054131.50	60.56	60.56
DISCCART	733796.38	4054156.50	60.64	60.64
DISCCART	733796.38	4054181.50	60.55	60.55
DISCCART	733796.38	4054206.50	60.54	60.54
DISCCART	733796.38	4054231.50	60.54	60.54
DISCCART	733796.38	4054256.50	60.54	60.54
DISCCART	733796.38	4054281.50	60.54	60.54
DISCCART	733796.38	4054306.50	60.54	60.54
DISCCART	733796.38	4054331.50	60.47	60.47
DISCCART	733796.38	4054356.50	60.44	60.44
DISCCART	733796.38	4054381.50	60.44	60.44
DISCCART	733796.38	4054406.50	60.44	60.44
DISCCART	733796.38	4054431.50	60.43	60.43
DISCCART	733796.38	4054456.50	60.36	60.36
DISCCART	733796.38	4054481.50	60.34	60.34
DISCCART	733796.38	4054506.50	60.34	60.34
DISCCART	733796.38	4054531.50	60.34	60.34
DISCCART	733796.38	4054556.50	60.33	60.33
DISCCART	733796.38	4054581.50	60.25	60.25
DISCCART	733796.38	4054606.50	60.24	60.24
DISCCART	733796.38	4054631.50	60.24	60.24
DISCCART	733796.38	4054656.50	60.24	60.24
DISCCART	733796.38	4054681.50	60.24	60.24
DISCCART	733796.38	4054706.50	60.24	60.24
DISCCART	733796.38	4054731.50	60.22	60.22
DISCCART	733796.38	4054756.50	60.16	60.16
DISCCART	733796.38	4054781.50	60.14	60.14
DISCCART	733796.38	4054806.50	60.14	60.14
DISCCART	733796.38	4054831.50	60.14	60.14
DISCCART	733796.38	4054856.50	60.14	60.14
DISCCART	733796.38	4054881.50	60.13	60.13
DISCCART	733796.38	4054906.50	60.06	60.06
DISCCART	733796.38	4054931.50	60.04	60.04
DISCCART	733796.38	4054956.50	60.04	60.04
DISCCART	733796.38	4054981.50	60.04	60.04
DISCCART	733796.38	4055006.50	60.04	60.04
DISCCART	733796.38	4055031.50	60.04	60.04
DISCCART	733796.38	4055056.50	60.02	60.02
DISCCART	733796.38	4055081.50	59.96	59.96
DISCCART	733796.38	4055106.50	59.94	59.94
DISCCART	733796.38	4055131.50	59.94	59.94
DISCCART	733796.38	4055156.50	59.94	59.94
DISCCART	733796.38	4055181.50	59.94	59.94
DISCCART	733796.38	4055206.50	59.94	59.94
DISCCART	733796.38	4055231.50	59.94	59.94
DISCCART	733796.38	4055256.50	59.94	59.94
DISCCART	733796.38	4055281.50	59.94	59.94
DISCCART	733796.38	4055306.50	59.93	59.93
DISCCART	733796.38	4055331.50	59.92	59.92
DISCCART	733821.38	4052331.50	63.96	63.96
DISCCART	733821.38	4052356.50	63.88	63.88
DISCCART	733821.38	4052381.50	63.84	63.84
DISCCART	733821.38	4052406.50	63.74	63.74
DISCCART	733821.38	4052431.50	63.65	63.65
DISCCART	733821.38	4052456.50	63.57	63.57
DISCCART	733821.38	4052481.50	63.55	63.55
DISCCART	733821.38	4052506.50	63.44	63.44
DISCCART	733821.38	4052531.50	63.36	63.36
DISCCART	733821.38	4052556.50	63.32	63.32
DISCCART	733821.38	4052581.50	63.24	63.24
DISCCART	733821.38	4052606.50	63.14	63.14
DISCCART	733821.38	4052631.50	63.10	63.10
DISCCART	733821.38	4052656.50	63.04	63.04
DISCCART	733821.38	4052681.50	62.96	62.96
DISCCART	733821.38	4052706.50	62.92	62.92
DISCCART	733821.38	4052731.50	62.84	62.84
DISCCART	733821.38	4052756.50	62.77	62.77
DISCCART	733821.38	4052781.50	62.74	62.74
DISCCART	733821.38	4052806.50	62.65	62.65
DISCCART	733821.38	4052831.50	62.56	62.56
DISCCART	733821.38	4052856.50	62.54	62.54
DISCCART	733821.38	4052881.50	62.46	62.46
DISCCART	733821.38	4052906.50	62.43	62.43
DISCCART	733821.38	4052931.50	62.34	62.34
DISCCART	733821.38	4052956.50	62.33	62.33
DISCCART	733821.38	4052981.50	62.24	62.24
DISCCART	733821.38	4053006.50	62.22	62.22

DISCCART	733821.38	4053031.50	62.14	62.14
DISCCART	733821.38	4053056.50	62.10	62.10
DISCCART	733821.38	4053081.50	62.04	62.04
DISCCART	733821.38	4053106.50	61.97	61.97
DISCCART	733821.38	4053131.50	61.94	61.94
DISCCART	733821.38	4053156.50	61.87	61.87
DISCCART	733821.38	4053181.50	61.84	61.84
DISCCART	733821.38	4053206.50	61.78	61.78
DISCCART	733821.38	4053231.50	61.74	61.74
DISCCART	733821.38	4053256.50	61.74	61.74
DISCCART	733821.38	4053281.50	61.66	61.66
DISCCART	733821.38	4053306.50	61.64	61.64
DISCCART	733821.38	4053331.50	61.64	61.64
DISCCART	733821.38	4053356.50	61.55	61.55
DISCCART	733821.38	4053381.50	61.54	61.54
DISCCART	733821.38	4053406.50	61.54	61.54
DISCCART	733821.38	4053431.50	61.45	61.45
DISCCART	733821.38	4053456.50	61.44	61.44
DISCCART	733821.38	4053481.50	61.44	61.44
DISCCART	733821.38	4053506.50	61.35	61.35
DISCCART	733821.38	4053531.50	61.34	61.34
DISCCART	733821.38	4053556.50	61.34	61.34
DISCCART	733821.38	4053581.50	61.24	61.24
DISCCART	733821.38	4053606.50	61.24	61.24
DISCCART	733821.38	4053631.50	61.24	61.24
DISCCART	733821.38	4053656.50	61.14	61.14
DISCCART	733821.38	4053681.50	61.14	61.14
DISCCART	733821.38	4053706.50	61.12	61.12
DISCCART	733821.38	4053731.50	61.04	61.04
DISCCART	733821.38	4053756.50	61.04	61.04
DISCCART	733821.38	4053781.50	60.94	60.94
DISCCART	733821.38	4053806.50	60.94	60.94
DISCCART	733821.38	4053831.50	60.85	60.85
DISCCART	733821.38	4053856.50	60.84	60.84
DISCCART	733821.38	4053881.50	60.75	60.75
DISCCART	733821.38	4053906.50	60.77	60.77
DISCCART	733821.38	4053931.50	60.74	60.74
DISCCART	733821.38	4053956.50	60.64	60.64
DISCCART	733821.38	4053981.50	60.60	60.60
DISCCART	733821.38	4054006.50	60.54	60.54
DISCCART	733821.38	4054031.50	60.60	60.60
DISCCART	733821.38	4054056.50	60.54	60.54
DISCCART	733821.38	4054081.50	60.61	60.61
DISCCART	733821.38	4054106.50	60.55	60.55
DISCCART	733821.38	4054131.50	60.54	60.54
DISCCART	733821.38	4054156.50	60.54	60.54
DISCCART	733821.38	4054181.50	60.54	60.54
DISCCART	733821.38	4054206.50	60.54	60.54
DISCCART	733821.38	4054231.50	60.54	60.54
DISCCART	733821.38	4054256.50	60.54	60.54
DISCCART	733821.38	4054281.50	60.50	60.50
DISCCART	733821.38	4054306.50	60.44	60.44
DISCCART	733821.38	4054331.50	60.44	60.44
DISCCART	733821.38	4054356.50	60.44	60.44
DISCCART	733821.38	4054381.50	60.44	60.44
DISCCART	733821.38	4054406.50	60.38	60.38
DISCCART	733821.38	4054431.50	60.34	60.34
DISCCART	733821.38	4054456.50	60.34	60.34
DISCCART	733821.38	4054481.50	60.34	60.34
DISCCART	733821.38	4054506.50	60.32	60.32
DISCCART	733821.38	4054531.50	60.26	60.26
DISCCART	733821.38	4054556.50	60.24	60.24
DISCCART	733821.38	4054581.50	60.24	60.24
DISCCART	733821.38	4054606.50	60.24	60.24
DISCCART	733821.38	4054631.50	60.24	60.24
DISCCART	733821.38	4054656.50	60.19	60.19
DISCCART	733821.38	4054681.50	60.16	60.16
DISCCART	733821.38	4054706.50	60.14	60.14
DISCCART	733821.38	4054731.50	60.14	60.14
DISCCART	733821.38	4054756.50	60.14	60.14
DISCCART	733821.38	4054781.50	60.14	60.14
DISCCART	733821.38	4054806.50	60.14	60.14
DISCCART	733821.38	4054831.50	60.08	60.08
DISCCART	733821.38	4054856.50	60.05	60.05
DISCCART	733821.38	4054881.50	60.04	60.04
DISCCART	733821.38	4054906.50	60.04	60.04
DISCCART	733821.38	4054931.50	60.04	60.04
DISCCART	733821.38	4054956.50	60.04	60.04
DISCCART	733821.38	4054981.50	60.00	60.00
DISCCART	733821.38	4055006.50	59.97	59.97
DISCCART	733821.38	4055031.50	59.94	59.94
DISCCART	733821.38	4055056.50	59.94	59.94
DISCCART	733821.38	4055081.50	59.94	59.94
DISCCART	733821.38	4055106.50	59.94	59.94
DISCCART	733821.38	4055131.50	59.94	59.94
DISCCART	733821.38	4055156.50	59.94	59.94
DISCCART	733821.38	4055181.50	59.91	59.91
DISCCART	733821.38	4055206.50	59.88	59.88
DISCCART	733821.38	4055231.50	59.88	59.88
DISCCART	733821.38	4055256.50	59.84	59.84
DISCCART	733821.38	4055281.50	59.84	59.84
DISCCART	733821.38	4055306.50	59.84	59.84
DISCCART	733821.38	4055331.50	59.84	59.84
DISCCART	733846.38	4052331.50	63.94	63.94
DISCCART	733846.38	4052356.50	63.85	63.85
DISCCART	733846.38	4052381.50	63.74	63.74
DISCCART	733846.38	4052406.50	63.70	63.70
DISCCART	733846.38	4052431.50	63.64	63.64
DISCCART	733846.38	4052456.50	63.54	63.54
DISCCART	733846.38	4052481.50	63.47	63.47
DISCCART	733846.38	4052506.50	63.41	63.41
DISCCART	733846.38	4052531.50	63.33	63.33
DISCCART	733846.38	4052556.50	63.24	63.24
DISCCART	733846.38	4052581.50	63.19	63.19
DISCCART	733846.38	4052606.50	63.14	63.14
DISCCART	733846.38	4052631.50	63.05	63.05
DISCCART	733846.38	4052656.50	62.99	62.99
DISCCART	733846.38	4052681.50	62.94	62.94
DISCCART	733846.38	4052706.50	62.85	62.85
DISCCART	733846.38	4052731.50	62.83	62.83
DISCCART	733846.38	4052756.50	62.74	62.74
DISCCART	733846.38	4052781.50	62.64	62.64
DISCCART	733846.38	4052806.50	62.64	62.64
DISCCART	733846.38	4052831.50	62.54	62.54
DISCCART	733846.38	4052856.50	62.45	62.45
DISCCART	733846.38	4052881.50	62.44	62.44
DISCCART	733846.38	4052906.50	62.34	62.34

DISCCART	733846.38	4052931.50	62.32	62.32
DISCCART	733846.38	4052956.50	62.24	62.24
DISCCART	733846.38	4052981.50	62.22	62.22
DISCCART	733846.38	4053006.50	62.14	62.14
DISCCART	733846.38	4053031.50	62.13	62.13
DISCCART	733846.38	4053056.50	62.04	62.04
DISCCART	733846.38	4053081.50	62.03	62.03
DISCCART	733846.38	4053106.50	61.94	61.94
DISCCART	733846.38	4053131.50	61.93	61.93
DISCCART	733846.38	4053156.50	61.84	61.84
DISCCART	733846.38	4053181.50	61.83	61.83
DISCCART	733846.38	4053206.50	61.74	61.74
DISCCART	733846.38	4053231.50	61.74	61.74
DISCCART	733846.38	4053256.50	61.65	61.65
DISCCART	733846.38	4053281.50	61.64	61.64
DISCCART	733846.38	4053306.50	61.64	61.64
DISCCART	733846.38	4053331.50	61.55	61.55
DISCCART	733846.38	4053356.50	61.54	61.54
DISCCART	733846.38	4053381.50	61.53	61.53
DISCCART	733846.38	4053406.50	61.46	61.46
DISCCART	733846.38	4053431.50	61.44	61.44
DISCCART	733846.38	4053456.50	61.44	61.44
DISCCART	733846.38	4053481.50	61.34	61.34
DISCCART	733846.38	4053506.50	61.34	61.34
DISCCART	733846.38	4053531.50	61.32	61.32
DISCCART	733846.38	4053556.50	61.25	61.25
DISCCART	733846.38	4053581.50	61.24	61.24
DISCCART	733846.38	4053606.50	61.24	61.24
DISCCART	733846.38	4053631.50	61.15	61.15
DISCCART	733846.38	4053656.50	61.14	61.14
DISCCART	733846.38	4053681.50	61.12	61.12
DISCCART	733846.38	4053706.50	61.04	61.04
DISCCART	733846.38	4053731.50	61.04	61.04
DISCCART	733846.38	4053756.50	60.96	60.96
DISCCART	733846.38	4053781.50	60.94	60.94
DISCCART	733846.38	4053806.50	60.91	60.91
DISCCART	733846.38	4053831.50	60.84	60.84
DISCCART	733846.38	4053856.50	60.81	60.81
DISCCART	733846.38	4053881.50	60.74	60.74
DISCCART	733846.38	4053906.50	60.72	60.72
DISCCART	733846.38	4053931.50	60.65	60.65
DISCCART	733846.38	4053956.50	60.62	60.62
DISCCART	733846.38	4053981.50	60.54	60.54
DISCCART	733846.38	4054006.50	60.53	60.53
DISCCART	733846.38	4054031.50	60.45	60.45
DISCCART	733846.38	4054056.50	60.44	60.44
DISCCART	733846.38	4054081.50	60.49	60.49
DISCCART	733846.38	4054106.50	60.48	60.48
DISCCART	733846.38	4054131.50	60.45	60.45
DISCCART	733846.38	4054156.50	60.52	60.52
DISCCART	733846.38	4054181.50	60.51	60.51
DISCCART	733846.38	4054206.50	60.52	60.52
DISCCART	733846.38	4054231.50	60.52	60.52
DISCCART	733846.38	4054256.50	60.45	60.45
DISCCART	733846.38	4054281.50	60.44	60.44
DISCCART	733846.38	4054306.50	60.44	60.44
DISCCART	733846.38	4054331.50	60.44	60.44
DISCCART	733846.38	4054356.50	60.41	60.41
DISCCART	733846.38	4054381.50	60.35	60.35
DISCCART	733846.38	4054406.50	60.34	60.34
DISCCART	733846.38	4054431.50	60.34	60.34
DISCCART	733846.38	4054456.50	60.32	60.32
DISCCART	733846.38	4054481.50	60.26	60.26
DISCCART	733846.38	4054506.50	60.24	60.24
DISCCART	733846.38	4054531.50	60.24	60.24
DISCCART	733846.38	4054556.50	60.24	60.24
DISCCART	733846.38	4054581.50	60.23	60.23
DISCCART	733846.38	4054606.50	60.15	60.15
DISCCART	733846.38	4054631.50	60.14	60.14
DISCCART	733846.38	4054656.50	60.14	60.14
DISCCART	733846.38	4054681.50	60.14	60.14
DISCCART	733846.38	4054706.50	60.14	60.14
DISCCART	733846.38	4054731.50	60.14	60.14
DISCCART	733846.38	4054756.50	60.10	60.10
DISCCART	733846.38	4054781.50	60.06	60.06
DISCCART	733846.38	4054806.50	60.04	60.04
DISCCART	733846.38	4054831.50	60.04	60.04
DISCCART	733846.38	4054856.50	60.04	60.04
DISCCART	733846.38	4054881.50	60.04	60.04
DISCCART	733846.38	4054906.50	60.03	60.03
DISCCART	733846.38	4054931.50	59.96	59.96
DISCCART	733846.38	4054956.50	59.94	59.94
DISCCART	733846.38	4054981.50	59.94	59.94
DISCCART	733846.38	4055006.50	59.94	59.94
DISCCART	733846.38	4055031.50	59.94	59.94
DISCCART	733846.38	4055056.50	59.94	59.94
DISCCART	733846.38	4055081.50	59.92	59.92
DISCCART	733846.38	4055106.50	59.86	59.86
DISCCART	733846.38	4055131.50	59.85	59.85
DISCCART	733846.38	4055156.50	59.84	59.84
DISCCART	733846.38	4055181.50	59.84	59.84
DISCCART	733846.38	4055206.50	59.84	59.84
DISCCART	733846.38	4055231.50	59.84	59.84
DISCCART	733846.38	4055256.50	59.84	59.84
DISCCART	733846.38	4055281.50	59.84	59.84
DISCCART	733846.38	4055306.50	59.84	59.84
DISCCART	733846.38	4055331.50	59.84	59.84
DISCCART	733871.38	4052331.50	63.85	63.85
DISCCART	733871.38	4052356.50	63.80	63.80
DISCCART	733871.38	4052381.50	63.74	63.74
DISCCART	733871.38	4052406.50	63.64	63.64
DISCCART	733871.38	4052431.50	63.57	63.57
DISCCART	733871.38	4052456.50	63.53	63.53
DISCCART	733871.38	4052481.50	63.44	63.44
DISCCART	733871.38	4052506.50	63.34	63.34
DISCCART	733871.38	4052531.50	63.28	63.28
DISCCART	733871.38	4052556.50	63.23	63.23
DISCCART	733871.38	4052581.50	63.14	63.14
DISCCART	733871.38	4052606.50	63.08	63.08
DISCCART	733871.38	4052631.50	63.03	63.03
DISCCART	733871.38	4052656.50	62.94	62.94
DISCCART	733871.38	4052681.50	62.87	62.87
DISCCART	733871.38	4052706.50	62.82	62.82
DISCCART	733871.38	4052731.50	62.74	62.74
DISCCART	733871.38	4052756.50	62.67	62.67
DISCCART	733871.38	4052781.50	62.64	62.64
DISCCART	733871.38	4052806.50	62.54	62.54

DISCCART	733871.38	4052831.50	62.48	62.48
DISCCART	733871.38	4052856.50	62.44	62.44
DISCCART	733871.38	4052881.50	62.36	62.36
DISCCART	733871.38	4052906.50	62.33	62.33
DISCCART	733871.38	4052931.50	62.24	62.24
DISCCART	733871.38	4052956.50	62.24	62.24
DISCCART	733871.38	4052981.50	62.14	62.14
DISCCART	733871.38	4053006.50	62.12	62.12
DISCCART	733871.38	4053031.50	62.04	62.04
DISCCART	733871.38	4053056.50	62.02	62.02
DISCCART	733871.38	4053081.50	61.94	61.94
DISCCART	733871.38	4053106.50	61.92	61.92
DISCCART	733871.38	4053131.50	61.84	61.84
DISCCART	733871.38	4053156.50	61.83	61.83
DISCCART	733871.38	4053181.50	61.74	61.74
DISCCART	733871.38	4053206.50	61.74	61.74
DISCCART	733871.38	4053231.50	61.66	61.66
DISCCART	733871.38	4053256.50	61.64	61.64
DISCCART	733871.38	4053281.50	61.64	61.64
DISCCART	733871.38	4053306.50	61.55	61.55
DISCCART	733871.38	4053331.50	61.54	61.54
DISCCART	733871.38	4053356.50	61.52	61.52
DISCCART	733871.38	4053381.50	61.44	61.44
DISCCART	733871.38	4053406.50	61.44	61.44
DISCCART	733871.38	4053431.50	61.44	61.44
DISCCART	733871.38	4053456.50	61.34	61.34
DISCCART	733871.38	4053481.50	61.34	61.34
DISCCART	733871.38	4053506.50	61.32	61.32
DISCCART	733871.38	4053531.50	61.24	61.24
DISCCART	733871.38	4053556.50	61.24	61.24
DISCCART	733871.38	4053581.50	61.24	61.24
DISCCART	733871.38	4053606.50	61.14	61.14
DISCCART	733871.38	4053631.50	61.14	61.14
DISCCART	733871.38	4053656.50	61.13	61.13
DISCCART	733871.38	4053681.50	61.04	61.04
DISCCART	733871.38	4053706.50	61.04	61.04
DISCCART	733871.38	4053731.50	61.00	61.00
DISCCART	733871.38	4053756.50	60.94	60.94
DISCCART	733871.38	4053781.50	60.94	60.94
DISCCART	733871.38	4053806.50	60.85	60.85
DISCCART	733871.38	4053831.50	60.84	60.84
DISCCART	733871.38	4053856.50	60.78	60.78
DISCCART	733871.38	4053881.50	60.74	60.74
DISCCART	733871.38	4053906.50	60.67	60.67
DISCCART	733871.38	4053931.50	60.64	60.64
DISCCART	733871.38	4053956.50	60.54	60.54
DISCCART	733871.38	4053981.50	60.50	60.50
DISCCART	733871.38	4054006.50	60.45	60.45
DISCCART	733871.38	4054031.50	60.41	60.41
DISCCART	733871.38	4054056.50	60.35	60.35
DISCCART	733871.38	4054081.50	60.36	60.36
DISCCART	733871.38	4054106.50	60.41	60.41
DISCCART	733871.38	4054131.50	60.44	60.44
DISCCART	733871.38	4054156.50	60.44	60.44
DISCCART	733871.38	4054181.50	60.44	60.44
DISCCART	733871.38	4054206.50	60.44	60.44
DISCCART	733871.38	4054231.50	60.44	60.44
DISCCART	733871.38	4054256.50	60.44	60.44
DISCCART	733871.38	4054281.50	60.44	60.44
DISCCART	733871.38	4054306.50	60.44	60.44
DISCCART	733871.38	4054331.50	60.36	60.36
DISCCART	733871.38	4054356.50	60.34	60.34
DISCCART	733871.38	4054381.50	60.34	60.34
DISCCART	733871.38	4054406.50	60.34	60.34
DISCCART	733871.38	4054431.50	60.28	60.28
DISCCART	733871.38	4054456.50	60.24	60.24
DISCCART	733871.38	4054481.50	60.24	60.24
DISCCART	733871.38	4054506.50	60.24	60.24
DISCCART	733871.38	4054531.50	60.24	60.24
DISCCART	733871.38	4054556.50	60.17	60.17
DISCCART	733871.38	4054581.50	60.14	60.14
DISCCART	733871.38	4054606.50	60.14	60.14
DISCCART	733871.38	4054631.50	60.14	60.14
DISCCART	733871.38	4054656.50	60.14	60.14
DISCCART	733871.38	4054681.50	60.11	60.11
DISCCART	733871.38	4054706.50	60.08	60.08
DISCCART	733871.38	4054731.50	60.04	60.04
DISCCART	733871.38	4054756.50	60.04	60.04
DISCCART	733871.38	4054781.50	60.04	60.04
DISCCART	733871.38	4054806.50	60.04	60.04
DISCCART	733871.38	4054831.50	60.04	60.04
DISCCART	733871.38	4054856.50	59.99	59.99
DISCCART	733871.38	4054881.50	59.95	59.95
DISCCART	733871.38	4054906.50	59.94	59.94
DISCCART	733871.38	4054931.50	59.94	59.94
DISCCART	733871.38	4054956.50	59.94	59.94
DISCCART	733871.38	4054981.50	59.94	59.94
DISCCART	733871.38	4055006.50	59.93	59.93
DISCCART	733871.38	4055031.50	59.89	59.89
DISCCART	733871.38	4055056.50	59.84	59.84
DISCCART	733871.38	4055081.50	59.84	59.84
DISCCART	733871.38	4055106.50	59.84	59.84
DISCCART	733871.38	4055131.50	59.84	59.84
DISCCART	733871.38	4055156.50	59.84	59.84
DISCCART	733871.38	4055181.50	59.84	59.84
DISCCART	733871.38	4055206.50	59.84	59.84
DISCCART	733871.38	4055231.50	59.84	59.84
DISCCART	733871.38	4055256.50	59.79	59.79
DISCCART	733871.38	4055281.50	59.79	59.79
DISCCART	733871.38	4055306.50	59.74	59.74
DISCCART	733871.38	4055331.50	59.74	59.74
DISCCART	730871.38	4055381.50	65.09	65.09
DISCCART	730871.38	4055431.50	65.14	65.14
DISCCART	730871.38	4055481.50	65.16	65.16
DISCCART	730921.38	4055381.50	64.95	64.95
DISCCART	730921.38	4055431.50	65.04	65.04
DISCCART	730921.38	4055481.50	65.04	65.04
DISCCART	730971.38	4055381.50	64.84	64.84
DISCCART	730971.38	4055431.50	64.89	64.89
DISCCART	730971.38	4055481.50	64.94	64.94
DISCCART	731021.38	4055381.50	64.74	64.74
DISCCART	731021.38	4055431.50	64.78	64.78
DISCCART	731021.38	4055481.50	64.84	64.84
DISCCART	731071.38	4055381.50	64.64	64.64
DISCCART	731071.38	4055431.50	64.68	64.68
DISCCART	731071.38	4055481.50	64.74	64.74
DISCCART	731121.38	4055381.50	64.54	64.54

DISCCART	731121.38	4055431.50	64.63	64.63
DISCCART	731121.38	4055481.50	64.65	64.65
DISCCART	731171.38	4055381.50	64.48	64.48
DISCCART	731171.38	4055431.50	64.54	64.54
DISCCART	731171.38	4055481.50	64.64	64.64
DISCCART	731221.38	4055381.50	64.44	64.44
DISCCART	731221.38	4055431.50	64.44	64.44
DISCCART	731221.38	4055481.50	64.52	64.52
DISCCART	731271.38	4055381.50	64.29	64.29
DISCCART	731271.38	4055431.50	64.34	64.34
DISCCART	731271.38	4055481.50	64.44	64.44
DISCCART	731321.38	4055381.50	64.19	64.19
DISCCART	731321.38	4055431.50	64.24	64.24
DISCCART	731321.38	4055481.50	64.33	64.33
DISCCART	731371.38	4055381.50	64.07	64.07
DISCCART	731371.38	4055431.50	64.14	64.14
DISCCART	731371.38	4055481.50	64.19	64.19
DISCCART	731421.38	4055381.50	63.98	63.98
DISCCART	731421.38	4055431.50	64.04	64.04
DISCCART	731421.38	4055481.50	64.04	64.04
DISCCART	731471.38	4055381.50	63.93	63.93
DISCCART	731471.38	4055431.50	63.94	63.94
DISCCART	731471.38	4055481.50	63.94	63.94
DISCCART	731521.38	4055381.50	63.78	63.78
DISCCART	731521.38	4055431.50	63.84	63.84
DISCCART	731521.38	4055481.50	63.84	63.84
DISCCART	731571.38	4055381.50	63.68	63.68
DISCCART	731571.38	4055431.50	63.74	63.74
DISCCART	731571.38	4055481.50	63.74	63.74
DISCCART	731621.38	4055381.50	63.54	63.54
DISCCART	731621.38	4055431.50	63.64	63.64
DISCCART	731621.38	4055481.50	63.64	63.64
DISCCART	731671.38	4055381.50	63.44	63.44
DISCCART	731671.38	4055431.50	63.54	63.54
DISCCART	731671.38	4055481.50	63.54	63.54
DISCCART	731721.38	4055381.50	63.35	63.35
DISCCART	731721.38	4055431.50	63.44	63.44
DISCCART	731721.38	4055481.50	63.44	63.44
DISCCART	731771.38	4055381.50	63.27	63.27
DISCCART	731771.38	4055431.50	63.34	63.34
DISCCART	731771.38	4055481.50	63.34	63.34
DISCCART	731821.38	4055381.50	63.23	63.23
DISCCART	731821.38	4055431.50	63.24	63.24
DISCCART	731821.38	4055481.50	63.24	63.24
DISCCART	731871.38	4055381.50	63.14	63.14
DISCCART	731871.38	4055431.50	63.14	63.14
DISCCART	731871.38	4055481.50	63.14	63.14
DISCCART	731921.38	4055381.50	63.04	63.04
DISCCART	731921.38	4055431.50	63.04	63.04
DISCCART	731921.38	4055481.50	63.09	63.09
DISCCART	731971.38	4055381.50	62.94	62.94
DISCCART	731971.38	4055431.50	62.95	62.95
DISCCART	731971.38	4055481.50	63.04	63.04
DISCCART	732021.38	4055381.50	62.84	62.84
DISCCART	732021.38	4055431.50	62.88	62.88
DISCCART	732021.38	4055481.50	62.94	62.94
DISCCART	732071.38	4055381.50	62.77	62.77
DISCCART	732071.38	4055431.50	62.84	62.84
DISCCART	732071.38	4055481.50	62.84	62.84
DISCCART	732121.38	4055381.50	62.69	62.69
DISCCART	732121.38	4055431.50	62.74	62.74
DISCCART	732121.38	4055481.50	62.74	62.74
DISCCART	732171.38	4055381.50	62.64	62.64
DISCCART	732171.38	4055431.50	62.64	62.64
DISCCART	732171.38	4055481.50	62.64	62.64
DISCCART	732221.38	4055381.50	62.54	62.54
DISCCART	732221.38	4055431.50	62.54	62.54
DISCCART	732221.38	4055481.50	62.54	62.54
DISCCART	732271.38	4055381.50	62.44	62.44
DISCCART	732271.38	4055431.50	62.44	62.44
DISCCART	732271.38	4055481.50	62.47	62.47
DISCCART	732321.38	4055381.50	62.34	62.34
DISCCART	732321.38	4055431.50	62.34	62.34
DISCCART	732321.38	4055481.50	62.35	62.35
DISCCART	732371.38	4055381.50	62.24	62.24
DISCCART	732371.38	4055431.50	62.24	62.24
DISCCART	732371.38	4055481.50	62.27	62.27
DISCCART	732421.38	4055381.50	62.14	62.14
DISCCART	732421.38	4055431.50	62.14	62.14
DISCCART	732421.38	4055481.50	62.17	62.17
DISCCART	732471.38	4055381.50	62.04	62.04
DISCCART	732471.38	4055431.50	62.04	62.04
DISCCART	732471.38	4055481.50	62.07	62.07
DISCCART	732521.38	4055381.50	61.94	61.94
DISCCART	732521.38	4055431.50	61.94	61.94
DISCCART	732521.38	4055481.50	61.94	61.94
DISCCART	732571.38	4055381.50	61.84	61.84
DISCCART	732571.38	4055431.50	61.84	61.84
DISCCART	732571.38	4055481.50	61.84	61.84
DISCCART	732621.38	4055381.50	61.74	61.74
DISCCART	732621.38	4055431.50	61.74	61.74
DISCCART	732621.38	4055481.50	61.77	61.77
DISCCART	732671.38	4055381.50	61.64	61.64
DISCCART	732671.38	4055431.50	61.68	61.68
DISCCART	732671.38	4055481.50	61.74	61.74
DISCCART	732721.38	4055381.50	61.64	61.64
DISCCART	732721.38	4055431.50	61.64	61.64
DISCCART	732721.38	4055481.50	61.64	61.64
DISCCART	732771.38	4055381.50	61.54	61.54
DISCCART	732771.38	4055431.50	61.54	61.54
DISCCART	732771.38	4055481.50	61.54	61.54
DISCCART	732821.38	4055381.50	61.44	61.44
DISCCART	732821.38	4055431.50	61.44	61.44
DISCCART	732821.38	4055481.50	61.47	61.47
DISCCART	732871.38	4055381.50	61.38	61.38
DISCCART	732871.38	4055431.50	61.39	61.39
DISCCART	732871.38	4055481.50	61.44	61.44
DISCCART	732921.38	4055381.50	61.34	61.34
DISCCART	732921.38	4055431.50	61.34	61.34
DISCCART	732921.38	4055481.50	61.34	61.34
DISCCART	732971.38	4055381.50	61.24	61.24
DISCCART	732971.38	4055431.50	61.24	61.24
DISCCART	732971.38	4055481.50	61.24	61.24
DISCCART	733021.38	4055381.50	61.14	61.14
DISCCART	733021.38	4055431.50	61.14	61.14
DISCCART	733021.38	4055481.50	61.19	61.19
DISCCART	733071.38	4055381.50	61.08	61.08

DISCCART	733071.38	4055431.50	61.09	61.09
DISCCART	733071.38	4055481.50	61.09	61.09
DISCCART	733121.38	4055381.50	60.98	60.98
DISCCART	733121.38	4055431.50	60.99	60.99
DISCCART	733121.38	4055481.50	60.99	60.99
DISCCART	733171.38	4055381.50	60.94	60.94
DISCCART	733171.38	4055431.50	60.89	60.89
DISCCART	733171.38	4055481.50	60.91	60.91
DISCCART	733221.38	4055381.50	60.84	60.84
DISCCART	733221.38	4055431.50	60.84	60.84
DISCCART	733221.38	4055481.50	60.84	60.84
DISCCART	733271.38	4055381.50	60.74	60.74
DISCCART	733271.38	4055431.50	60.74	60.74
DISCCART	733271.38	4055481.50	60.74	60.74
DISCCART	733321.38	4055381.50	60.64	60.64
DISCCART	733321.38	4055431.50	60.64	60.64
DISCCART	733321.38	4055481.50	60.64	60.64
DISCCART	733371.38	4055381.50	60.54	60.54
DISCCART	733371.38	4055431.50	60.54	60.54
DISCCART	733371.38	4055481.50	60.54	60.54
DISCCART	733421.38	4055381.50	60.44	60.44
DISCCART	733421.38	4055431.50	60.44	60.44
DISCCART	733421.38	4055481.50	60.44	60.44
DISCCART	733471.38	4055381.50	60.34	60.34
DISCCART	733471.38	4055431.50	60.34	60.34
DISCCART	733471.38	4055481.50	60.34	60.34
DISCCART	733521.38	4055381.50	60.24	60.24
DISCCART	733521.38	4055431.50	60.24	60.24
DISCCART	733521.38	4055481.50	60.24	60.24
DISCCART	733571.38	4055381.50	60.24	60.24
DISCCART	733571.38	4055431.50	60.24	60.24
DISCCART	733571.38	4055481.50	60.24	60.24
DISCCART	733621.38	4055381.50	60.14	60.14
DISCCART	733621.38	4055431.50	60.14	60.14
DISCCART	733621.38	4055481.50	60.14	60.14
DISCCART	733671.38	4055381.50	60.09	60.09
DISCCART	733671.38	4055431.50	60.09	60.09
DISCCART	733671.38	4055481.50	60.08	60.08
DISCCART	733721.38	4055381.50	60.04	60.04
DISCCART	733721.38	4055431.50	60.04	60.04
DISCCART	733721.38	4055481.50	60.04	60.04
DISCCART	733771.38	4055381.50	59.94	59.94
DISCCART	733771.38	4055431.50	59.94	59.94
DISCCART	733771.38	4055481.50	59.94	59.94
DISCCART	733821.38	4055381.50	59.84	59.84
DISCCART	733821.38	4055431.50	59.84	59.84
DISCCART	733821.38	4055481.50	59.84	59.84
DISCCART	733871.38	4055381.50	59.74	59.74
DISCCART	733871.38	4055431.50	59.74	59.74
DISCCART	733871.38	4055481.50	59.74	59.74
DISCCART	733921.38	4055381.50	59.64	59.64
DISCCART	733921.38	4055431.50	59.64	59.64
DISCCART	733921.38	4055481.50	59.64	59.64
DISCCART	733971.38	4055381.50	59.54	59.54
DISCCART	733971.38	4055431.50	59.54	59.54
DISCCART	733971.38	4055481.50	59.54	59.54
DISCCART	734021.38	4055381.50	59.44	59.44
DISCCART	734021.38	4055431.50	59.44	59.44
DISCCART	734021.38	4055481.50	59.44	59.44
DISCCART	733921.38	4055331.50	59.69	59.69
DISCCART	733921.38	4055281.50	59.74	59.74
DISCCART	733921.38	4055231.50	59.74	59.74
DISCCART	733921.38	4055181.50	59.74	59.74
DISCCART	733921.38	4055131.50	59.74	59.74
DISCCART	733921.38	4055081.50	59.74	59.74
DISCCART	733921.38	4055031.50	59.83	59.83
DISCCART	733921.38	4054981.50	59.84	59.84
DISCCART	733921.38	4054931.50	59.84	59.84
DISCCART	733921.38	4054881.50	59.88	59.88
DISCCART	733921.38	4054831.50	59.94	59.94
DISCCART	733921.38	4054781.50	59.94	59.94
DISCCART	733921.38	4054731.50	59.98	59.98
DISCCART	733921.38	4054681.50	60.04	60.04
DISCCART	733921.38	4054631.50	60.04	60.04
DISCCART	733921.38	4054581.50	60.08	60.08
DISCCART	733921.38	4054531.50	60.14	60.14
DISCCART	733921.38	4054481.50	60.14	60.14
DISCCART	733921.38	4054431.50	60.24	60.24
DISCCART	733921.38	4054381.50	60.24	60.24
DISCCART	733921.38	4054331.50	60.34	60.34
DISCCART	733921.38	4054281.50	60.34	60.34
DISCCART	733921.38	4054231.50	60.36	60.36
DISCCART	733921.38	4054181.50	60.44	60.44
DISCCART	733921.38	4054131.50	60.44	60.44
DISCCART	733921.38	4054081.50	60.31	60.31
DISCCART	733921.38	4054031.50	60.34	60.34
DISCCART	733921.38	4053981.50	60.44	60.44
DISCCART	733921.38	4053931.50	60.54	60.54
DISCCART	733921.38	4053881.50	60.64	60.64
DISCCART	733921.38	4053831.50	60.74	60.74
DISCCART	733921.38	4053781.50	60.84	60.84
DISCCART	733921.38	4053731.50	60.90	60.90
DISCCART	733921.38	4053681.50	60.94	60.94
DISCCART	733921.38	4053631.50	61.04	61.04
DISCCART	733921.38	4053581.50	61.14	61.14
DISCCART	733921.38	4053531.50	61.16	61.16
DISCCART	733921.38	4053481.50	61.24	61.24
DISCCART	733921.38	4053431.50	61.34	61.34
DISCCART	733921.38	4053381.50	61.35	61.35
DISCCART	733921.38	4053331.50	61.44	61.44
DISCCART	733921.38	4053281.50	61.54	61.54
DISCCART	733921.38	4053231.50	61.64	61.64
DISCCART	733921.38	4053181.50	61.70	61.70
DISCCART	733921.38	4053131.50	61.76	61.76
DISCCART	733921.38	4053081.50	61.85	61.85
DISCCART	733921.38	4053031.50	61.95	61.95
DISCCART	733921.38	4052981.50	62.05	62.05
DISCCART	733921.38	4052931.50	62.14	62.14
DISCCART	733921.38	4052881.50	62.26	62.26
DISCCART	733921.38	4052831.50	62.40	62.40
DISCCART	733921.38	4052781.50	62.54	62.54
DISCCART	733921.38	4052731.50	62.65	62.65
DISCCART	733921.38	4052681.50	62.80	62.80
DISCCART	733921.38	4052631.50	62.94	62.94
DISCCART	733921.38	4052581.50	63.06	63.06
DISCCART	733921.38	4052531.50	63.20	63.20
DISCCART	733921.38	4052481.50	63.34	63.34

DISCCART	733921.38	4052431.50	63.50	63.50
DISCCART	733921.38	4052381.50	63.64	63.64
DISCCART	733921.38	4052331.50	63.76	63.76
DISCCART	733921.38	4052281.50	63.94	63.94
DISCCART	733921.38	4052231.50	64.04	64.04
DISCCART	733921.38	4052181.50	64.20	64.20
DISCCART	733971.38	4055331.50	59.59	59.59
DISCCART	733971.38	4055281.50	59.64	59.64
DISCCART	733971.38	4055231.50	59.64	59.64
DISCCART	733971.38	4055181.50	59.64	59.64
DISCCART	733971.38	4055131.50	59.64	59.64
DISCCART	733971.38	4055081.50	59.73	59.73
DISCCART	733971.38	4055031.50	59.74	59.74
DISCCART	733971.38	4054981.50	59.74	59.74
DISCCART	733971.38	4054931.50	59.74	59.74
DISCCART	733971.38	4054881.50	59.84	59.84
DISCCART	733971.38	4054831.50	59.84	59.84
DISCCART	733971.38	4054781.50	59.84	59.84
DISCCART	733971.38	4054731.50	59.93	59.93
DISCCART	733971.38	4054681.50	59.94	59.94
DISCCART	733971.38	4054631.50	59.94	59.94
DISCCART	733971.38	4054581.50	60.04	60.04
DISCCART	733971.38	4054531.50	60.04	60.04
DISCCART	733971.38	4054481.50	60.09	60.09
DISCCART	733971.38	4054431.50	60.14	60.14
DISCCART	733971.38	4054381.50	60.16	60.16
DISCCART	733971.38	4054331.50	60.24	60.24
DISCCART	733971.38	4054281.50	60.24	60.24
DISCCART	733971.38	4054231.50	60.31	60.31
DISCCART	733971.38	4054181.50	60.34	60.34
DISCCART	733971.38	4054131.50	60.34	60.34
DISCCART	733971.38	4054081.50	60.24	60.24
DISCCART	733971.38	4054031.50	60.34	60.34
DISCCART	733971.38	4053981.50	60.44	60.44
DISCCART	733971.38	4053931.50	60.54	60.54
DISCCART	733971.38	4053881.50	60.64	60.64
DISCCART	733971.38	4053831.50	60.74	60.74
DISCCART	733971.38	4053781.50	60.74	60.74
DISCCART	733971.38	4053731.50	60.84	60.84
DISCCART	733971.38	4053681.50	60.90	60.90
DISCCART	733971.38	4053631.50	60.94	60.94
DISCCART	733971.38	4053581.50	61.04	61.04
DISCCART	733971.38	4053531.50	61.14	61.14
DISCCART	733971.38	4053481.50	61.14	61.14
DISCCART	733971.38	4053431.50	61.24	61.24
DISCCART	733971.38	4053381.50	61.34	61.34
DISCCART	733971.38	4053331.50	61.40	61.40
DISCCART	733971.38	4053281.50	61.44	61.44
DISCCART	733971.38	4053231.50	61.54	61.54
DISCCART	733971.38	4053181.50	61.64	61.64
DISCCART	733971.38	4053131.50	61.74	61.74
DISCCART	733971.38	4053081.50	61.75	61.75
DISCCART	733971.38	4053031.50	61.85	61.85
DISCCART	733971.38	4052981.50	61.94	61.94
DISCCART	733971.38	4052931.50	62.04	62.04
DISCCART	733971.38	4052881.50	62.16	62.16
DISCCART	733971.38	4052831.50	62.26	62.26
DISCCART	733971.38	4052781.50	62.43	62.43
DISCCART	733971.38	4052731.50	62.55	62.55
DISCCART	733971.38	4052681.50	62.74	62.74
DISCCART	733971.38	4052631.50	62.84	62.84
DISCCART	733971.38	4052581.50	62.97	62.97
DISCCART	733971.38	4052531.50	63.14	63.14
DISCCART	733971.38	4052481.50	63.26	63.26
DISCCART	733971.38	4052431.50	63.40	63.40
DISCCART	733971.38	4052381.50	63.54	63.54
DISCCART	733971.38	4052331.50	63.70	63.70
DISCCART	733971.38	4052281.50	63.84	63.84
DISCCART	733971.38	4052231.50	63.95	63.95
DISCCART	733971.38	4052181.50	64.13	64.13
DISCCART	734021.38	4055331.50	59.51	59.51
DISCCART	734021.38	4055281.50	59.54	59.54
DISCCART	734021.38	4055231.50	59.54	59.54
DISCCART	734021.38	4055181.50	59.54	59.54
DISCCART	734021.38	4055131.50	59.58	59.58
DISCCART	734021.38	4055081.50	59.64	59.64
DISCCART	734021.38	4055031.50	59.64	59.64
DISCCART	734021.38	4054981.50	59.64	59.64
DISCCART	734021.38	4054931.50	59.69	59.69
DISCCART	734021.38	4054881.50	59.74	59.74
DISCCART	734021.38	4054831.50	59.74	59.74
DISCCART	734021.38	4054781.50	59.79	59.79
DISCCART	734021.38	4054731.50	59.84	59.84
DISCCART	734021.38	4054681.50	59.84	59.84
DISCCART	734021.38	4054631.50	59.91	59.91
DISCCART	734021.38	4054581.50	59.94	59.94
DISCCART	734021.38	4054531.50	59.94	59.94
DISCCART	734021.38	4054481.50	60.04	60.04
DISCCART	734021.38	4054431.50	60.04	60.04
DISCCART	734021.38	4054381.50	60.10	60.10
DISCCART	734021.38	4054331.50	60.14	60.14
DISCCART	734021.38	4054281.50	60.16	60.16
DISCCART	734021.38	4054231.50	60.24	60.24
DISCCART	734021.38	4054181.50	60.24	60.24
DISCCART	734021.38	4054131.50	60.34	60.34
DISCCART	734021.38	4054081.50	60.24	60.24
DISCCART	734021.38	4054031.50	60.34	60.34
DISCCART	734021.38	4053981.50	60.44	60.44
DISCCART	734021.38	4053931.50	60.50	60.50
DISCCART	734021.38	4053881.50	60.54	60.54
DISCCART	734021.38	4053831.50	60.64	60.64
DISCCART	734021.38	4053781.50	60.74	60.74
DISCCART	734021.38	4053731.50	60.74	60.74
DISCCART	734021.38	4053681.50	60.84	60.84
DISCCART	734021.38	4053631.50	60.90	60.90
DISCCART	734021.38	4053581.50	60.94	60.94
DISCCART	734021.38	4053531.50	61.04	61.04
DISCCART	734021.38	4053481.50	61.13	61.13
DISCCART	734021.38	4053431.50	61.14	61.14
DISCCART	734021.38	4053381.50	61.24	61.24
DISCCART	734021.38	4053331.50	61.34	61.34
DISCCART	734021.38	4053281.50	61.40	61.40
DISCCART	734021.38	4053231.50	61.46	61.46
DISCCART	734021.38	4053181.50	61.54	61.54
DISCCART	734021.38	4053131.50	61.64	61.64
DISCCART	734021.38	4053081.50	61.74	61.74
DISCCART	734021.38	4053031.50	61.76	61.76

DISCCART	734021.38	4052981.50	61.84	61.84
DISCCART	734021.38	4052931.50	61.94	61.94
DISCCART	734021.38	4052881.50	62.04	62.04
DISCCART	734021.38	4052831.50	62.16	62.16
DISCCART	734021.38	4052781.50	62.33	62.33
DISCCART	734021.38	4052731.50	62.46	62.46
DISCCART	734021.38	4052681.50	62.64	62.64
DISCCART	734021.38	4052631.50	62.74	62.74
DISCCART	734021.38	4052581.50	62.90	62.90
DISCCART	734021.38	4052531.50	63.04	63.04
DISCCART	734021.38	4052481.50	63.18	63.18
DISCCART	734021.38	4052431.50	63.34	63.34
DISCCART	734021.38	4052381.50	63.49	63.49
DISCCART	734021.38	4052331.50	63.64	63.64
DISCCART	734021.38	4052281.50	63.74	63.74
DISCCART	734021.38	4052231.50	63.90	63.90
DISCCART	734021.38	4052181.50	64.04	64.04
DISCCART	733871.38	4052281.50	64.03	64.03
DISCCART	733871.38	4052231.50	64.14	64.14
DISCCART	733871.38	4052181.50	64.30	64.30
DISCCART	733821.38	4052281.50	64.14	64.14
DISCCART	733821.38	4052231.50	64.26	64.26
DISCCART	733821.38	4052181.50	64.40	64.40
DISCCART	733771.38	4052281.50	64.24	64.24
DISCCART	733771.38	4052231.50	64.36	64.36
DISCCART	733771.38	4052181.50	64.54	64.54
DISCCART	733721.38	4052281.50	64.34	64.34
DISCCART	733721.38	4052231.50	64.45	64.45
DISCCART	733721.38	4052181.50	64.64	64.64
DISCCART	733671.38	4052281.50	64.44	64.44
DISCCART	733671.38	4052231.50	64.60	64.60
DISCCART	733671.38	4052181.50	64.74	64.74
DISCCART	733621.38	4052281.50	64.51	64.51
DISCCART	733621.38	4052231.50	64.74	64.74
DISCCART	733621.38	4052181.50	64.84	64.84
DISCCART	733571.38	4052281.50	64.54	64.54
DISCCART	733571.38	4052231.50	64.72	64.72
DISCCART	733571.38	4052181.50	64.84	64.84
DISCCART	733521.38	4052281.50	64.60	64.60
DISCCART	733521.38	4052231.50	64.74	64.74
DISCCART	733521.38	4052181.50	64.89	64.89
DISCCART	733471.38	4052281.50	64.68	64.68
DISCCART	733471.38	4052231.50	64.84	64.84
DISCCART	733471.38	4052181.50	65.00	65.00
DISCCART	733421.38	4052281.50	64.76	64.76
DISCCART	733421.38	4052231.50	64.94	64.94
DISCCART	733421.38	4052181.50	65.14	65.14
DISCCART	733371.38	4052281.50	64.89	64.89
DISCCART	733371.38	4052231.50	65.08	65.08
DISCCART	733371.38	4052181.50	65.25	65.25
DISCCART	733321.38	4052281.50	65.04	65.04
DISCCART	733321.38	4052231.50	65.24	65.24
DISCCART	733321.38	4052181.50	65.40	65.40
DISCCART	733271.38	4052281.50	65.15	65.15
DISCCART	733271.38	4052231.50	65.35	65.35
DISCCART	733271.38	4052181.50	65.55	65.55
DISCCART	733221.38	4052281.50	65.34	65.34
DISCCART	733221.38	4052231.50	65.55	65.55
DISCCART	733221.38	4052181.50	65.73	65.73
DISCCART	733171.38	4052281.50	65.45	65.45
DISCCART	733171.38	4052231.50	65.65	65.65
DISCCART	733171.38	4052181.50	65.88	65.88
DISCCART	733121.38	4052281.50	65.64	65.64
DISCCART	733121.38	4052231.50	65.83	65.83
DISCCART	733121.38	4052181.50	66.03	66.03
DISCCART	733071.38	4052281.50	65.76	65.76
DISCCART	733071.38	4052231.50	65.96	65.96
DISCCART	733071.38	4052181.50	66.16	66.16
DISCCART	733021.38	4052281.50	65.93	65.93
DISCCART	733021.38	4052231.50	66.10	66.10
DISCCART	733021.38	4052181.50	66.30	66.30
DISCCART	732971.38	4052281.50	66.06	66.06
DISCCART	732971.38	4052231.50	66.26	66.26
DISCCART	732971.38	4052181.50	66.44	66.44
DISCCART	732921.38	4052281.50	66.24	66.24
DISCCART	732921.38	4052231.50	66.40	66.40
DISCCART	732921.38	4052181.50	66.60	66.60
DISCCART	732871.38	4052281.50	66.34	66.34
DISCCART	732871.38	4052231.50	66.54	66.54
DISCCART	732871.38	4052181.50	66.74	66.74
DISCCART	732821.38	4052281.50	66.45	66.45
DISCCART	732821.38	4052231.50	66.65	66.65
DISCCART	732821.38	4052181.50	66.86	66.86
DISCCART	732771.38	4052281.50	66.60	66.60
DISCCART	732771.38	4052231.50	66.80	66.80
DISCCART	732771.38	4052181.50	67.00	67.00
DISCCART	732721.38	4052281.50	66.74	66.74
DISCCART	732721.38	4052231.50	66.93	66.93
DISCCART	732721.38	4052181.50	67.13	67.13
DISCCART	732671.38	4052281.50	66.86	66.86
DISCCART	732671.38	4052231.50	67.06	67.06
DISCCART	732671.38	4052181.50	67.26	67.26
DISCCART	732621.38	4052281.50	67.00	67.00
DISCCART	732621.38	4052231.50	67.20	67.20
DISCCART	732621.38	4052181.50	67.40	67.40
DISCCART	732571.38	4052281.50	67.15	67.15
DISCCART	732571.38	4052231.50	67.36	67.36
DISCCART	732571.38	4052181.50	67.56	67.56
DISCCART	732521.38	4052281.50	67.30	67.30
DISCCART	732521.38	4052231.50	67.50	67.50
DISCCART	732521.38	4052181.50	67.70	67.70
DISCCART	732471.38	4052281.50	67.45	67.45
DISCCART	732471.38	4052231.50	67.65	67.65
DISCCART	732471.38	4052181.50	67.85	67.85
DISCCART	732421.38	4052281.50	67.56	67.56
DISCCART	732421.38	4052231.50	67.80	67.80
DISCCART	732421.38	4052181.50	68.05	68.05
DISCCART	732371.38	4052281.50	67.73	67.73
DISCCART	732371.38	4052231.50	67.95	67.95
DISCCART	732371.38	4052181.50	68.23	68.23
DISCCART	732321.38	4052281.50	67.86	67.86
DISCCART	732321.38	4052231.50	68.13	68.13
DISCCART	732321.38	4052181.50	68.40	68.40
DISCCART	732271.38	4052281.50	68.05	68.05
DISCCART	732271.38	4052231.50	68.30	68.30
DISCCART	732271.38	4052181.50	68.55	68.55
DISCCART	732221.38	4052281.50	68.18	68.18

DISCCART	732221.38	4052231.50	68.45	68.45
DISCCART	732221.38	4052181.50	68.74	68.74
DISCCART	732171.38	4052281.50	68.30	68.30
DISCCART	732171.38	4052231.50	68.56	68.56
DISCCART	732171.38	4052181.50	68.86	68.86
DISCCART	732121.38	4052281.50	68.44	68.44
DISCCART	732121.38	4052231.50	68.70	68.70
DISCCART	732121.38	4052181.50	69.00	69.00
DISCCART	732071.38	4052281.50	68.54	68.54
DISCCART	732071.38	4052231.50	68.84	68.84
DISCCART	732071.38	4052181.50	69.13	69.13
DISCCART	732021.38	4052281.50	68.60	68.60
DISCCART	732021.38	4052231.50	68.93	68.93
DISCCART	732021.38	4052181.50	69.23	69.23
DISCCART	731971.38	4052281.50	68.70	68.70
DISCCART	731971.38	4052231.50	69.00	69.00
DISCCART	731971.38	4052181.50	69.30	69.30
DISCCART	731921.38	4052281.50	68.78	68.78
DISCCART	731921.38	4052231.50	69.08	69.08
DISCCART	731921.38	4052181.50	69.37	69.37
DISCCART	731871.38	4052281.50	68.83	68.83
DISCCART	731871.38	4052231.50	69.13	69.13
DISCCART	731871.38	4052181.50	69.45	69.45
DISCCART	731821.38	4052281.50	68.87	68.87
DISCCART	731821.38	4052231.50	69.17	69.17
DISCCART	731821.38	4052181.50	69.55	69.55
DISCCART	731771.38	4052281.50	68.87	68.87
DISCCART	731771.38	4052231.50	69.27	69.27
DISCCART	731771.38	4052181.50	69.56	69.56
DISCCART	731721.38	4052281.50	68.97	68.97
DISCCART	731721.38	4052231.50	69.30	69.30
DISCCART	731721.38	4052181.50	69.67	69.67
DISCCART	731671.38	4052281.50	69.00	69.00
DISCCART	731671.38	4052231.50	69.37	69.37
DISCCART	731671.38	4052181.50	69.73	69.73
DISCCART	731621.38	4052281.50	69.10	69.10
DISCCART	731621.38	4052231.50	69.48	69.48
DISCCART	731621.38	4052181.50	69.80	69.80
DISCCART	731571.38	4052281.50	69.21	69.21
DISCCART	731571.38	4052231.50	69.58	69.58
DISCCART	731571.38	4052181.50	69.88	69.88
DISCCART	731521.38	4052281.50	69.35	69.35
DISCCART	731521.38	4052231.50	69.68	69.68
DISCCART	731521.38	4052181.50	69.97	69.97
DISCCART	731471.38	4052281.50	69.44	69.44
DISCCART	731471.38	4052231.50	69.74	69.74
DISCCART	731471.38	4052181.50	70.04	70.04
DISCCART	731421.38	4052281.50	69.54	69.54
DISCCART	731421.38	4052231.50	69.84	69.84
DISCCART	731421.38	4052181.50	70.06	70.06
DISCCART	731371.38	4052281.50	69.65	69.65
DISCCART	731371.38	4052231.50	69.86	69.86
DISCCART	731371.38	4052181.50	70.17	70.17
DISCCART	731321.38	4052281.50	69.66	69.66
DISCCART	731321.38	4052231.50	69.94	69.94
DISCCART	731321.38	4052181.50	70.18	70.18
DISCCART	731271.38	4052281.50	69.74	69.74
DISCCART	731271.38	4052231.50	69.94	69.94
DISCCART	731271.38	4052181.50	70.11	70.11
DISCCART	731221.38	4052281.50	69.62	69.62
DISCCART	731221.38	4052231.50	69.70	69.70
DISCCART	731221.38	4052181.50	69.79	69.79
DISCCART	731171.38	4052281.50	69.44	69.44
DISCCART	731171.38	4052231.50	69.44	69.44
DISCCART	731171.38	4052181.50	69.44	69.44
DISCCART	731121.38	4052281.50	69.64	69.64
DISCCART	731121.38	4052231.50	69.68	69.68
DISCCART	731121.38	4052181.50	69.80	69.80
DISCCART	731071.38	4052281.50	69.84	69.84
DISCCART	731071.38	4052231.50	69.95	69.95
DISCCART	731071.38	4052181.50	70.16	70.16
DISCCART	731021.38	4052281.50	69.94	69.94
DISCCART	731021.38	4052231.50	70.10	70.10
DISCCART	731021.38	4052181.50	70.36	70.36
DISCCART	730971.38	4052281.50	69.97	69.97
DISCCART	730971.38	4052231.50	70.16	70.16
DISCCART	730971.38	4052181.50	70.44	70.44
DISCCART	730921.38	4052281.50	69.96	69.96
DISCCART	730921.38	4052231.50	70.24	70.24
DISCCART	730921.38	4052181.50	70.48	70.48
DISCCART	730871.38	4052281.50	70.04	70.04
DISCCART	730871.38	4052231.50	70.28	70.28
DISCCART	730871.38	4052181.50	70.53	70.53
DISCCART	730821.38	4052281.50	70.03	70.03
DISCCART	730821.38	4052231.50	70.33	70.33
DISCCART	730821.38	4052181.50	70.58	70.58
DISCCART	730771.38	4052281.50	70.08	70.08
DISCCART	730771.38	4052231.50	70.40	70.40
DISCCART	730771.38	4052181.50	70.65	70.65
DISCCART	730721.38	4052281.50	70.17	70.17
DISCCART	730721.38	4052231.50	70.43	70.43
DISCCART	730721.38	4052181.50	70.67	70.67
DISCCART	730821.38	4052331.50	69.77	69.77
DISCCART	730821.38	4052381.50	69.46	69.46
DISCCART	730821.38	4052431.50	69.44	69.44
DISCCART	730821.38	4052481.50	69.54	69.54
DISCCART	730821.38	4052531.50	69.48	69.48
DISCCART	730821.38	4052581.50	69.34	69.34
DISCCART	730821.38	4052631.50	69.18	69.18
DISCCART	730821.38	4052681.50	69.04	69.04
DISCCART	730821.38	4052731.50	68.85	68.85
DISCCART	730821.38	4052781.50	68.74	68.74
DISCCART	730821.38	4052831.50	68.54	68.54
DISCCART	730821.38	4052881.50	68.43	68.43
DISCCART	730821.38	4052931.50	68.26	68.26
DISCCART	730821.38	4052981.50	68.14	68.14
DISCCART	730821.38	4053031.50	67.98	67.98
DISCCART	730821.38	4053081.50	67.84	67.84
DISCCART	730821.38	4053131.50	67.74	67.74
DISCCART	730821.38	4053181.50	67.64	67.64
DISCCART	730821.38	4053231.50	67.50	67.50
DISCCART	730821.38	4053281.50	67.36	67.36
DISCCART	730821.38	4053331.50	67.24	67.24
DISCCART	730821.38	4053381.50	67.14	67.14
DISCCART	730821.38	4053431.50	67.04	67.04
DISCCART	730821.38	4053481.50	66.90	66.90
DISCCART	730821.38	4053531.50	66.80	66.80

DISCCART	730821.38	4053581.50	66.66	66.66
DISCCART	730821.38	4053631.50	66.56	66.56
DISCCART	730821.38	4053681.50	66.45	66.45
DISCCART	730821.38	4053731.50	66.36	66.36
DISCCART	730821.38	4053781.50	66.30	66.30
DISCCART	730821.38	4053831.50	66.24	66.24
DISCCART	730821.38	4053881.50	66.14	66.14
DISCCART	730821.38	4053931.50	66.04	66.04
DISCCART	730821.38	4053981.50	66.00	66.00
DISCCART	730821.38	4054031.50	65.94	65.94
DISCCART	730821.38	4054081.50	65.86	65.86
DISCCART	730821.38	4054131.50	65.80	65.80
DISCCART	730821.38	4054181.50	65.74	65.74
DISCCART	730821.38	4054231.50	65.64	65.64
DISCCART	730821.38	4054281.50	65.64	65.64
DISCCART	730821.38	4054331.50	65.58	65.58
DISCCART	730821.38	4054381.50	65.54	65.54
DISCCART	730821.38	4054431.50	65.54	65.54
DISCCART	730821.38	4054481.50	65.44	65.44
DISCCART	730821.38	4054531.50	65.44	65.44
DISCCART	730821.38	4054581.50	65.44	65.44
DISCCART	730821.38	4054631.50	65.34	65.34
DISCCART	730821.38	4054681.50	65.24	65.24
DISCCART	730821.38	4054731.50	65.13	65.13
DISCCART	730821.38	4054781.50	64.96	64.96
DISCCART	730821.38	4054831.50	64.88	64.88
DISCCART	730821.38	4054881.50	64.88	64.88
DISCCART	730821.38	4054931.50	64.94	64.94
DISCCART	730821.38	4054981.50	64.94	64.94
DISCCART	730821.38	4055031.50	64.99	64.99
DISCCART	730821.38	4055081.50	65.04	65.04
DISCCART	730821.38	4055131.50	65.04	65.04
DISCCART	730821.38	4055181.50	65.08	65.08
DISCCART	730821.38	4055231.50	65.14	65.14
DISCCART	730821.38	4055281.50	65.14	65.14
DISCCART	730821.38	4055331.50	65.19	65.19
DISCCART	730821.38	4055381.50	65.24	65.24
DISCCART	730821.38	4055431.50	65.28	65.28
DISCCART	730821.38	4055481.50	65.34	65.34
DISCCART	730771.38	4052331.50	69.78	69.78
DISCCART	730771.38	4052381.50	69.47	69.47
DISCCART	730771.38	4052431.50	69.44	69.44
DISCCART	730771.38	4052481.50	69.64	69.64
DISCCART	730771.38	4052531.50	69.54	69.54
DISCCART	730771.38	4052581.50	69.43	69.43
DISCCART	730771.38	4052631.50	69.24	69.24
DISCCART	730771.38	4052681.50	69.10	69.10
DISCCART	730771.38	4052731.50	68.94	68.94
DISCCART	730771.38	4052781.50	68.80	68.80
DISCCART	730771.38	4052831.50	68.64	68.64
DISCCART	730771.38	4052881.50	68.50	68.50
DISCCART	730771.38	4052931.50	68.34	68.34
DISCCART	730771.38	4052981.50	68.24	68.24
DISCCART	730771.38	4053031.50	68.08	68.08
DISCCART	730771.38	4053081.50	67.95	67.95
DISCCART	730771.38	4053131.50	67.84	67.84
DISCCART	730771.38	4053181.50	67.74	67.74
DISCCART	730771.38	4053231.50	67.64	67.64
DISCCART	730771.38	4053281.50	67.50	67.50
DISCCART	730771.38	4053331.50	67.36	67.36
DISCCART	730771.38	4053381.50	67.24	67.24
DISCCART	730771.38	4053431.50	67.14	67.14
DISCCART	730771.38	4053481.50	67.04	67.04
DISCCART	730771.38	4053531.50	66.94	66.94
DISCCART	730771.38	4053581.50	66.80	66.80
DISCCART	730771.38	4053631.50	66.70	66.70
DISCCART	730771.38	4053681.50	66.60	66.60
DISCCART	730771.38	4053731.50	66.50	66.50
DISCCART	730771.38	4053781.50	66.40	66.40
DISCCART	730771.38	4053831.50	66.34	66.34
DISCCART	730771.38	4053881.50	66.24	66.24
DISCCART	730771.38	4053931.50	66.14	66.14
DISCCART	730771.38	4053981.50	66.05	66.05
DISCCART	730771.38	4054031.50	66.04	66.04
DISCCART	730771.38	4054081.50	65.94	65.94
DISCCART	730771.38	4054131.50	65.90	65.90
DISCCART	730771.38	4054181.50	65.84	65.84
DISCCART	730771.38	4054231.50	65.80	65.80
DISCCART	730771.38	4054281.50	65.74	65.74
DISCCART	730771.38	4054331.50	65.69	65.69
DISCCART	730771.38	4054381.50	65.64	65.64
DISCCART	730771.38	4054431.50	65.58	65.58
DISCCART	730771.38	4054481.50	65.54	65.54
DISCCART	730771.38	4054531.50	65.54	65.54
DISCCART	730771.38	4054581.50	65.44	65.44
DISCCART	730771.38	4054631.50	65.35	65.35
DISCCART	730771.38	4054681.50	65.24	65.24
DISCCART	730771.38	4054731.50	65.16	65.16
DISCCART	730771.38	4054781.50	65.06	65.06
DISCCART	730771.38	4054831.50	65.04	65.04
DISCCART	730771.38	4054881.50	65.04	65.04
DISCCART	730771.38	4054931.50	65.04	65.04
DISCCART	730771.38	4054981.50	65.09	65.09
DISCCART	730771.38	4055031.50	65.14	65.14
DISCCART	730771.38	4055081.50	65.14	65.14
DISCCART	730771.38	4055131.50	65.19	65.19
DISCCART	730771.38	4055181.50	65.24	65.24
DISCCART	730771.38	4055231.50	65.25	65.25
DISCCART	730771.38	4055281.50	65.34	65.34
DISCCART	730771.38	4055331.50	65.34	65.34
DISCCART	730771.38	4055381.50	65.39	65.39
DISCCART	730771.38	4055431.50	65.44	65.44
DISCCART	730771.38	4055481.50	65.44	65.44
DISCCART	730721.38	4052331.50	69.80	69.80
DISCCART	730721.38	4052381.50	69.48	69.48
DISCCART	730721.38	4052431.50	69.44	69.44
DISCCART	730721.38	4052481.50	69.73	69.73
DISCCART	730721.38	4052531.50	69.64	69.64
DISCCART	730721.38	4052581.50	69.46	69.46
DISCCART	730721.38	4052631.50	69.34	69.34
DISCCART	730721.38	4052681.50	69.19	69.19
DISCCART	730721.38	4052731.50	69.04	69.04
DISCCART	730721.38	4052781.50	68.87	68.87
DISCCART	730721.38	4052831.50	68.74	68.74
DISCCART	730721.38	4052881.50	68.56	68.56
DISCCART	730721.38	4052931.50	68.44	68.44
DISCCART	730721.38	4052981.50	68.33	68.33

DISCCART	730721.38	4053031.50	68.19	68.19
DISCCART	730721.38	4053081.50	68.06	68.06
DISCCART	730721.38	4053131.50	67.94	67.94
DISCCART	730721.38	4053181.50	67.84	67.84
DISCCART	730721.38	4053231.50	67.74	67.74
DISCCART	730721.38	4053281.50	67.60	67.60
DISCCART	730721.38	4053331.50	67.46	67.46
DISCCART	730721.38	4053381.50	67.34	67.34
DISCCART	730721.38	4053431.50	67.24	67.24
DISCCART	730721.38	4053481.50	67.14	67.14
DISCCART	730721.38	4053531.50	67.04	67.04
DISCCART	730721.38	4053581.50	66.94	66.94
DISCCART	730721.38	4053631.50	66.84	66.84
DISCCART	730721.38	4053681.50	66.74	66.74
DISCCART	730721.38	4053731.50	66.61	66.61
DISCCART	730721.38	4053781.50	66.50	66.50
DISCCART	730721.38	4053831.50	66.40	66.40
DISCCART	730721.38	4053881.50	66.34	66.34
DISCCART	730721.38	4053931.50	66.24	66.24
DISCCART	730721.38	4053981.50	66.14	66.14
DISCCART	730721.38	4054031.50	66.14	66.14
DISCCART	730721.38	4054081.50	66.04	66.04
DISCCART	730721.38	4054131.50	65.94	65.94
DISCCART	730721.38	4054181.50	65.94	65.94
DISCCART	730721.38	4054231.50	65.84	65.84
DISCCART	730721.38	4054281.50	65.84	65.84
DISCCART	730721.38	4054331.50	65.74	65.74
DISCCART	730721.38	4054381.50	65.74	65.74
DISCCART	730721.38	4054431.50	65.64	65.64
DISCCART	730721.38	4054481.50	65.64	65.64
DISCCART	730721.38	4054531.50	65.54	65.54
DISCCART	730721.38	4054581.50	65.54	65.54
DISCCART	730721.38	4054631.50	65.44	65.44
DISCCART	730721.38	4054681.50	65.40	65.40
DISCCART	730721.38	4054731.50	65.30	65.30
DISCCART	730721.38	4054781.50	65.24	65.24
DISCCART	730721.38	4054831.50	65.24	65.24
DISCCART	730721.38	4054881.50	65.24	65.24
DISCCART	730721.38	4054931.50	65.24	65.24
DISCCART	730721.38	4054981.50	65.24	65.24
DISCCART	730721.38	4055031.50	65.29	65.29
DISCCART	730721.38	4055081.50	65.34	65.34
DISCCART	730721.38	4055131.50	65.34	65.34
DISCCART	730721.38	4055181.50	65.38	65.38
DISCCART	730721.38	4055231.50	65.44	65.44
DISCCART	730721.38	4055281.50	65.44	65.44
DISCCART	730721.38	4055331.50	65.53	65.53
DISCCART	730721.38	4055381.50	65.54	65.54
DISCCART	730721.38	4055431.50	65.58	65.58
DISCCART	730721.38	4055481.50	65.67	65.67
DISCCART	730721.38	4055564.75	65.70	65.70
DISCCART	730721.38	4055648.25	65.84	65.84
DISCCART	730721.38	4055731.50	65.94	65.94
DISCCART	730820.00	4055564.75	65.34	65.34
DISCCART	730820.00	4055648.25	65.46	65.46
DISCCART	730820.00	4055731.50	65.62	65.62
DISCCART	730918.63	4055564.75	64.95	64.95
DISCCART	730918.63	4055648.25	65.14	65.14
DISCCART	730918.63	4055731.50	65.35	65.35
DISCCART	731017.19	4055564.75	64.85	64.85
DISCCART	731017.19	4055648.25	65.14	65.14
DISCCART	731017.19	4055731.50	65.14	65.14
DISCCART	731115.81	4055564.75	64.84	64.84
DISCCART	731115.81	4055648.25	64.93	64.93
DISCCART	731115.81	4055731.50	64.86	64.86
DISCCART	731214.44	4055564.75	64.64	64.64
DISCCART	731214.44	4055648.25	64.65	64.65
DISCCART	731214.44	4055731.50	64.66	64.66
DISCCART	731313.06	4055564.75	64.37	64.37
DISCCART	731313.06	4055648.25	64.44	64.44
DISCCART	731313.06	4055731.50	64.44	64.44
DISCCART	731411.63	4055564.75	64.14	64.14
DISCCART	731411.63	4055648.25	64.24	64.24
DISCCART	731411.63	4055731.50	64.28	64.28
DISCCART	731510.25	4055564.75	63.94	63.94
DISCCART	731510.25	4055648.25	64.04	64.04
DISCCART	731510.25	4055731.50	64.05	64.05
DISCCART	731608.88	4055564.75	63.74	63.74
DISCCART	731608.88	4055648.25	63.84	63.84
DISCCART	731608.88	4055731.50	63.85	63.85
DISCCART	731707.50	4055564.75	63.54	63.54
DISCCART	731707.50	4055648.25	63.64	63.64
DISCCART	731707.50	4055731.50	63.69	63.69
DISCCART	731806.13	4055564.75	63.34	63.34
DISCCART	731806.13	4055648.25	63.44	63.44
DISCCART	731806.13	4055731.50	63.50	63.50
DISCCART	731904.69	4055564.75	63.14	63.14
DISCCART	731904.69	4055648.25	63.24	63.24
DISCCART	731904.69	4055731.50	63.34	63.34
DISCCART	732003.31	4055564.75	63.02	63.02
DISCCART	732003.31	4055648.25	63.04	63.04
DISCCART	732003.31	4055731.50	63.14	63.14
DISCCART	732101.94	4055564.75	62.84	62.84
DISCCART	732101.94	4055648.25	62.88	62.88
DISCCART	732101.94	4055731.50	62.94	62.94
DISCCART	732200.56	4055564.75	62.64	62.64
DISCCART	732200.56	4055648.25	62.74	62.74
DISCCART	732200.56	4055731.50	62.77	62.77
DISCCART	732299.13	4055564.75	62.44	62.44
DISCCART	732299.13	4055648.25	62.54	62.54
DISCCART	732299.13	4055731.50	62.60	62.60
DISCCART	732397.75	4055564.75	62.25	62.25
DISCCART	732397.75	4055648.25	62.34	62.34
DISCCART	732397.75	4055731.50	62.43	62.43
DISCCART	732496.38	4055564.75	62.05	62.05
DISCCART	732496.38	4055648.25	62.14	62.14
DISCCART	732496.38	4055731.50	62.24	62.24
DISCCART	732595.00	4055564.75	61.87	61.87
DISCCART	732595.00	4055648.25	61.94	61.94
DISCCART	732595.00	4055731.50	62.04	62.04
DISCCART	732693.63	4055564.75	61.74	61.74
DISCCART	732693.63	4055648.25	61.74	61.74
DISCCART	732693.63	4055731.50	61.84	61.84
DISCCART	732792.19	4055564.75	61.54	61.54
DISCCART	732792.19	4055648.25	61.64	61.64
DISCCART	732792.19	4055731.50	61.69	61.69
DISCCART	732890.81	4055564.75	61.44	61.44

DISCCART	732890.81	4055648.25	61.44	61.44
DISCCART	732890.81	4055731.50	61.54	61.54
DISCCART	732989.44	4055564.75	61.24	61.24
DISCCART	732989.44	4055648.25	61.32	61.32
DISCCART	732989.44	4055731.50	61.34	61.34
DISCCART	733088.06	4055564.75	61.09	61.09
DISCCART	733088.06	4055648.25	61.11	61.11
DISCCART	733088.06	4055731.50	61.14	61.14
DISCCART	733186.63	4055564.75	60.92	60.92
DISCCART	733186.63	4055648.25	60.92	60.92
DISCCART	733186.63	4055731.50	60.93	60.93
DISCCART	733285.25	4055564.75	60.74	60.74
DISCCART	733285.25	4055648.25	60.74	60.74
DISCCART	733285.25	4055731.50	60.73	60.73
DISCCART	733383.88	4055564.75	60.54	60.54
DISCCART	733383.88	4055648.25	60.54	60.54
DISCCART	733383.88	4055731.50	60.54	60.54
DISCCART	733482.50	4055564.75	60.40	60.40
DISCCART	733482.50	4055648.25	60.38	60.38
DISCCART	733482.50	4055731.50	60.34	60.34
DISCCART	733581.13	4055564.75	60.24	60.24
DISCCART	733581.13	4055648.25	60.24	60.24
DISCCART	733581.13	4055731.50	60.16	60.16
DISCCART	733679.69	4055564.75	60.04	60.04
DISCCART	733679.69	4055648.25	60.04	60.04
DISCCART	733679.69	4055731.50	60.04	60.04
DISCCART	733778.31	4055564.75	59.85	59.85
DISCCART	733778.31	4055648.25	59.84	59.84
DISCCART	733778.31	4055731.50	59.84	59.84
DISCCART	733876.94	4055564.75	59.72	59.72
DISCCART	733876.94	4055648.25	59.64	59.64
DISCCART	733876.94	4055731.50	59.64	59.64
DISCCART	733975.56	4055564.75	59.53	59.53
DISCCART	733975.56	4055648.25	59.45	59.45
DISCCART	733975.56	4055731.50	59.46	59.46
DISCCART	734074.13	4055564.75	59.34	59.34
DISCCART	734074.13	4055648.25	59.34	59.34
DISCCART	734074.13	4055731.50	59.26	59.26
DISCCART	734172.75	4055564.75	59.14	59.14
DISCCART	734172.75	4055648.25	59.14	59.14
DISCCART	734172.75	4055731.50	59.14	59.14
DISCCART	734271.38	4055564.75	58.94	58.94
DISCCART	734271.38	4055648.25	58.94	58.94
DISCCART	734271.38	4055731.50	58.94	58.94
DISCCART	734104.69	4055481.50	59.26	59.26
DISCCART	734104.69	4055383.00	59.34	59.34
DISCCART	734104.69	4055284.25	59.34	59.34
DISCCART	734104.69	4055185.75	59.44	59.44
DISCCART	734104.69	4055087.00	59.44	59.44
DISCCART	734104.69	4054988.50	59.54	59.54
DISCCART	734104.69	4054889.75	59.55	59.55
DISCCART	734104.69	4054791.25	59.64	59.64
DISCCART	734104.69	4054692.50	59.74	59.74
DISCCART	734104.69	4054594.00	59.78	59.78
DISCCART	734104.69	4054495.50	59.84	59.84
DISCCART	734104.69	4054396.75	59.94	59.94
DISCCART	734104.69	4054298.25	60.04	60.04
DISCCART	734104.69	4054199.50	60.14	60.14
DISCCART	734104.69	4054101.00	60.22	60.22
DISCCART	734104.69	4054002.25	60.34	60.34
DISCCART	734104.69	4053903.75	60.44	60.44
DISCCART	734104.69	4053805.00	60.54	60.54
DISCCART	734104.69	4053706.50	60.66	60.66
DISCCART	734104.69	4053608.00	60.84	60.84
DISCCART	734104.69	4053509.25	60.94	60.94
DISCCART	734104.69	4053410.75	61.05	61.05
DISCCART	734104.69	4053312.00	61.24	61.24
DISCCART	734104.69	4053213.50	61.34	61.34
DISCCART	734104.69	4053114.75	61.54	61.54
DISCCART	734104.69	4053016.25	61.64	61.64
DISCCART	734104.69	4052917.50	61.76	61.76
DISCCART	734104.69	4052819.00	62.04	62.04
DISCCART	734104.69	4052720.50	62.33	62.33
DISCCART	734104.69	4052621.75	62.64	62.64
DISCCART	734104.69	4052523.25	62.94	62.94
DISCCART	734104.69	4052424.50	63.24	63.24
DISCCART	734104.69	4052326.00	63.54	63.54
DISCCART	734104.69	4052227.25	63.76	63.76
DISCCART	734104.69	4052128.75	64.04	64.04
DISCCART	734104.69	4052030.00	64.24	64.24
DISCCART	734104.69	4051931.50	64.49	64.49
DISCCART	734188.06	4055481.50	59.14	59.14
DISCCART	734188.06	4055383.00	59.14	59.14
DISCCART	734188.06	4055284.25	59.24	59.24
DISCCART	734188.06	4055185.75	59.24	59.24
DISCCART	734188.06	4055087.00	59.34	59.34
DISCCART	734188.06	4054988.50	59.35	59.35
DISCCART	734188.06	4054889.75	59.44	59.44
DISCCART	734188.06	4054791.25	59.52	59.52
DISCCART	734188.06	4054692.50	59.55	59.55
DISCCART	734188.06	4054594.00	59.64	59.64
DISCCART	734188.06	4054495.50	59.74	59.74
DISCCART	734188.06	4054396.75	59.84	59.84
DISCCART	734188.06	4054298.25	59.93	59.93
DISCCART	734188.06	4054199.50	60.01	60.01
DISCCART	734188.06	4054101.00	60.12	60.12
DISCCART	734188.06	4054002.25	60.22	60.22
DISCCART	734188.06	4053903.75	60.31	60.31
DISCCART	734188.06	4053805.00	60.44	60.44
DISCCART	734188.06	4053706.50	60.54	60.54
DISCCART	734188.06	4053608.00	60.65	60.65
DISCCART	734188.06	4053509.25	60.82	60.82
DISCCART	734188.06	4053410.75	60.94	60.94
DISCCART	734188.06	4053312.00	61.10	61.10
DISCCART	734188.06	4053213.50	61.24	61.24
DISCCART	734188.06	4053114.75	61.36	61.36
DISCCART	734188.06	4053016.25	61.54	61.54
DISCCART	734188.06	4052917.50	61.69	61.69
DISCCART	734188.06	4052819.00	61.88	61.88
DISCCART	734188.06	4052720.50	62.17	62.17
DISCCART	734188.06	4052621.75	62.49	62.49
DISCCART	734188.06	4052523.25	62.84	62.84
DISCCART	734188.06	4052424.50	63.14	63.14
DISCCART	734188.06	4052326.00	63.41	63.41
DISCCART	734188.06	4052227.25	63.64	63.64
DISCCART	734188.06	4052128.75	63.90	63.90
DISCCART	734188.06	4052030.00	64.14	64.14

DISCCART	734188.06	4051931.50	64.39	64.39
DISCCART	734271.38	4055481.50	58.98	58.98
DISCCART	734271.38	4055383.00	59.04	59.04
DISCCART	734271.38	4055284.25	59.04	59.04
DISCCART	734271.38	4055185.75	59.14	59.14
DISCCART	734271.38	4055087.00	59.15	59.15
DISCCART	734271.38	4054988.50	59.24	59.24
DISCCART	734271.38	4054889.75	59.29	59.29
DISCCART	734271.38	4054791.25	59.34	59.34
DISCCART	734271.38	4054692.50	59.44	59.44
DISCCART	734271.38	4054594.00	59.54	59.54
DISCCART	734271.38	4054495.50	59.59	59.59
DISCCART	734271.38	4054396.75	59.67	59.67
DISCCART	734271.38	4054298.25	59.74	59.74
DISCCART	734271.38	4054199.50	59.84	59.84
DISCCART	734271.38	4054101.00	59.96	59.96
DISCCART	734271.38	4054002.25	60.06	60.06
DISCCART	734271.38	4053903.75	60.18	60.18
DISCCART	734271.38	4053805.00	60.33	60.33
DISCCART	734271.38	4053706.50	60.44	60.44
DISCCART	734271.38	4053608.00	60.54	60.54
DISCCART	734271.38	4053509.25	60.64	60.64
DISCCART	734271.38	4053410.75	60.84	60.84
DISCCART	734271.38	4053312.00	60.94	60.94
DISCCART	734271.38	4053213.50	61.14	61.14
DISCCART	734271.38	4053114.75	61.24	61.24
DISCCART	734271.38	4053016.25	61.44	61.44
DISCCART	734271.38	4052917.50	61.57	61.57
DISCCART	734271.38	4052819.00	61.74	61.74
DISCCART	734271.38	4052720.50	62.04	62.04
DISCCART	734271.38	4052621.75	62.36	62.36
DISCCART	734271.38	4052523.25	62.67	62.67
DISCCART	734271.38	4052424.50	62.98	62.98
DISCCART	734271.38	4052326.00	63.25	63.25
DISCCART	734271.38	4052227.25	63.54	63.54
DISCCART	734271.38	4052128.75	63.77	63.77
DISCCART	734271.38	4052030.00	64.04	64.04
DISCCART	734271.38	4051931.50	64.25	64.25
DISCCART	734021.38	4052098.25	64.24	64.24
DISCCART	734021.38	4052014.75	64.43	64.43
DISCCART	734021.38	4051931.50	64.64	64.64
DISCCART	733922.75	4052098.25	64.42	64.42
DISCCART	733922.75	4052014.75	64.57	64.57
DISCCART	733922.75	4051931.50	64.74	64.74
DISCCART	733824.13	4052098.25	64.60	64.60
DISCCART	733824.13	4052014.75	64.77	64.77
DISCCART	733824.13	4051931.50	65.03	65.03
DISCCART	733725.56	4052098.25	64.84	64.84
DISCCART	733725.56	4052014.75	65.04	65.04
DISCCART	733725.56	4051931.50	65.33	65.33
DISCCART	733626.94	4052098.25	65.05	65.05
DISCCART	733626.94	4052014.75	65.34	65.34
DISCCART	733626.94	4051931.50	65.57	65.57
DISCCART	733528.31	4052098.25	65.23	65.23
DISCCART	733528.31	4052014.75	65.54	65.54
DISCCART	733528.31	4051931.50	65.82	65.82
DISCCART	733429.69	4052098.25	65.42	65.42
DISCCART	733429.69	4052014.75	65.74	65.74
DISCCART	733429.69	4051931.50	66.01	66.01
DISCCART	733331.13	4052098.25	65.71	65.71
DISCCART	733331.13	4052014.75	65.99	65.99
DISCCART	733331.13	4051931.50	66.24	66.24
DISCCART	733232.50	4052098.25	66.02	66.02
DISCCART	733232.50	4052014.75	66.28	66.28
DISCCART	733232.50	4051931.50	66.55	66.55
DISCCART	733133.88	4052098.25	66.34	66.34
DISCCART	733133.88	4052014.75	66.64	66.64
DISCCART	733133.88	4051931.50	66.94	66.94
DISCCART	733035.25	4052098.25	66.59	66.59
DISCCART	733035.25	4052014.75	66.94	66.94
DISCCART	733035.25	4051931.50	67.29	67.29
DISCCART	732936.63	4052098.25	66.85	66.85
DISCCART	732936.63	4052014.75	67.22	67.22
DISCCART	732936.63	4051931.50	67.58	67.58
DISCCART	732838.06	4052098.25	67.14	67.14
DISCCART	732838.06	4052014.75	67.45	67.45
DISCCART	732838.06	4051931.50	67.84	67.84
DISCCART	732739.44	4052098.25	67.41	67.41
DISCCART	732739.44	4052014.75	67.73	67.73
DISCCART	732739.44	4051931.50	68.18	68.18
DISCCART	732640.81	4052098.25	67.67	67.67
DISCCART	732640.81	4052014.75	68.04	68.04
DISCCART	732640.81	4051931.50	68.60	68.60
DISCCART	732542.19	4052098.25	67.97	67.97
DISCCART	732542.19	4052014.75	68.48	68.48
DISCCART	732542.19	4051931.50	69.05	69.05
DISCCART	732443.63	4052098.25	68.41	68.41
DISCCART	732443.63	4052014.75	68.93	68.93
DISCCART	732443.63	4051931.50	69.38	69.38
DISCCART	732345.00	4052098.25	68.75	68.75
DISCCART	732345.00	4052014.75	69.24	69.24
DISCCART	732345.00	4051931.50	69.77	69.77
DISCCART	732246.38	4052098.25	69.10	69.10
DISCCART	732246.38	4052014.75	69.60	69.60
DISCCART	732246.38	4051931.50	70.12	70.12
DISCCART	732147.75	4052098.25	69.43	69.43
DISCCART	732147.75	4052014.75	69.95	69.95
DISCCART	732147.75	4051931.50	70.56	70.56
DISCCART	732049.13	4052098.25	69.71	69.71
DISCCART	732049.13	4052014.75	70.24	70.24
DISCCART	732049.13	4051931.50	70.87	70.87
DISCCART	731950.56	4052098.25	69.90	69.90
DISCCART	731950.56	4052014.75	70.52	70.52
DISCCART	731950.56	4051931.50	71.08	71.08
DISCCART	731851.94	4052098.25	70.07	70.07
DISCCART	731851.94	4052014.75	70.68	70.68
DISCCART	731851.94	4051931.50	71.18	71.18
DISCCART	731753.31	4052098.25	70.20	70.20
DISCCART	731753.31	4052014.75	70.83	70.83
DISCCART	731753.31	4051931.50	71.27	71.27
DISCCART	731654.69	4052098.25	70.31	70.31
DISCCART	731654.69	4052014.75	70.86	70.86
DISCCART	731654.69	4051931.50	71.35	71.35
DISCCART	731556.13	4052098.25	70.45	70.45
DISCCART	731556.13	4052014.75	70.96	70.96
DISCCART	731556.13	4051931.50	71.43	71.43
DISCCART	731457.50	4052098.25	70.56	70.56

DISCCART	731457.50	4052014.75	71.05	71.05
DISCCART	731457.50	4051931.50	71.48	71.48
DISCCART	731358.88	4052098.25	70.65	70.65
DISCCART	731358.88	4052014.75	71.13	71.13
DISCCART	731358.88	4051931.50	71.54	71.54
DISCCART	731260.25	4052098.25	70.71	70.71
DISCCART	731260.25	4052014.75	71.14	71.14
DISCCART	731260.25	4051931.50	71.40	71.40
DISCCART	731161.63	4052098.25	70.74	70.74
DISCCART	731161.63	4052014.75	70.95	70.95
DISCCART	731161.63	4051931.50	70.99	70.99
DISCCART	731063.06	4052098.25	70.80	70.80
DISCCART	731063.06	4052014.75	71.25	71.25
DISCCART	731063.06	4051931.50	71.47	71.47
DISCCART	730964.44	4052098.25	70.90	70.90
DISCCART	730964.44	4052014.75	71.33	71.33
DISCCART	730964.44	4051931.50	71.66	71.66
DISCCART	730865.81	4052098.25	70.95	70.95
DISCCART	730865.81	4052014.75	71.35	71.35
DISCCART	730865.81	4051931.50	71.77	71.77
DISCCART	730767.19	4052098.25	71.05	71.05
DISCCART	730767.19	4052014.75	71.46	71.46
DISCCART	730767.19	4051931.50	71.83	71.83
DISCCART	730668.63	4052098.25	71.15	71.15
DISCCART	730668.63	4052014.75	71.52	71.52
DISCCART	730668.63	4051931.50	71.94	71.94
DISCCART	730570.00	4052098.25	71.20	71.20
DISCCART	730570.00	4052014.75	71.55	71.55
DISCCART	730570.00	4051931.50	71.96	71.96
DISCCART	730471.38	4052098.25	71.24	71.24
DISCCART	730471.38	4052014.75	71.40	71.40
DISCCART	730471.38	4051931.50	71.98	71.98
DISCCART	730638.06	4052181.50	70.76	70.76
DISCCART	730638.06	4052280.00	70.32	70.32
DISCCART	730638.06	4052378.75	69.75	69.75
DISCCART	730638.06	4052477.25	69.84	69.84
DISCCART	730638.06	4052576.00	69.62	69.62
DISCCART	730638.06	4052674.50	69.34	69.34
DISCCART	730638.06	4052773.25	69.04	69.04
DISCCART	730638.06	4052871.75	68.74	68.74
DISCCART	730638.06	4052970.50	68.47	68.47
DISCCART	730638.06	4053069.00	68.24	68.24
DISCCART	730638.06	4053167.50	68.04	68.04
DISCCART	730638.06	4053266.25	67.83	67.83
DISCCART	730638.06	4053364.75	67.55	67.55
DISCCART	730638.06	4053463.50	67.34	67.34
DISCCART	730638.06	4053562.00	67.15	67.15
DISCCART	730638.06	4053660.75	66.94	66.94
DISCCART	730638.06	4053759.25	66.74	66.74
DISCCART	730638.06	4053858.00	66.53	66.53
DISCCART	730638.06	4053956.50	66.37	66.37
DISCCART	730638.06	4054055.00	66.22	66.22
DISCCART	730638.06	4054153.75	66.06	66.06
DISCCART	730638.06	4054252.25	65.95	65.95
DISCCART	730638.06	4054351.00	65.84	65.84
DISCCART	730638.06	4054449.50	65.75	65.75
DISCCART	730638.06	4054548.25	65.69	65.69
DISCCART	730638.06	4054646.75	65.64	65.64
DISCCART	730638.06	4054745.50	65.55	65.55
DISCCART	730638.06	4054844.00	65.54	65.54
DISCCART	730638.06	4054942.50	65.53	65.53
DISCCART	730638.06	4055041.25	65.55	65.55
DISCCART	730638.06	4055139.75	65.63	65.63
DISCCART	730638.06	4055238.50	65.64	65.64
DISCCART	730638.06	4055337.00	65.75	65.75
DISCCART	730638.06	4055435.75	65.85	65.85
DISCCART	730638.06	4055534.25	65.95	65.95
DISCCART	730638.06	4055633.00	66.05	66.05
DISCCART	730638.06	4055731.50	66.14	66.14
DISCCART	730554.69	4052181.50	70.84	70.84
DISCCART	730554.69	4052280.00	70.53	70.53
DISCCART	730554.69	4052378.75	70.27	70.27
DISCCART	730554.69	4052477.25	69.91	69.91
DISCCART	730554.69	4052576.00	69.72	69.72
DISCCART	730554.69	4052674.50	69.44	69.44
DISCCART	730554.69	4052773.25	69.15	69.15
DISCCART	730554.69	4052871.75	68.89	68.89
DISCCART	730554.69	4052970.50	68.64	68.64
DISCCART	730554.69	4053069.00	68.40	68.40
DISCCART	730554.69	4053167.50	68.15	68.15
DISCCART	730554.69	4053266.25	67.97	67.97
DISCCART	730554.69	4053364.75	67.74	67.74
DISCCART	730554.69	4053463.50	67.54	67.54
DISCCART	730554.69	4053562.00	67.33	67.33
DISCCART	730554.69	4053660.75	67.14	67.14
DISCCART	730554.69	4053759.25	66.89	66.89
DISCCART	730554.69	4053858.00	66.74	66.74
DISCCART	730554.69	4053956.50	66.55	66.55
DISCCART	730554.69	4054055.00	66.34	66.34
DISCCART	730554.69	4054153.75	66.25	66.25
DISCCART	730554.69	4054252.25	66.14	66.14
DISCCART	730554.69	4054351.00	66.04	66.04
DISCCART	730554.69	4054449.50	65.94	65.94
DISCCART	730554.69	4054548.25	65.84	65.84
DISCCART	730554.69	4054646.75	65.74	65.74
DISCCART	730554.69	4054745.50	65.84	65.84
DISCCART	730554.69	4054844.00	65.84	65.84
DISCCART	730554.69	4054942.50	65.84	65.84
DISCCART	730554.69	4055041.25	65.84	65.84
DISCCART	730554.69	4055139.75	65.84	65.84
DISCCART	730554.69	4055238.50	65.94	65.94
DISCCART	730554.69	4055337.00	66.03	66.03
DISCCART	730554.69	4055435.75	66.13	66.13
DISCCART	730554.69	4055534.25	66.24	66.24
DISCCART	730554.69	4055633.00	66.28	66.28
DISCCART	730554.69	4055731.50	66.43	66.43
DISCCART	730471.38	4052181.50	70.88	70.88
DISCCART	730471.38	4052280.00	70.58	70.58
DISCCART	730471.38	4052378.75	70.34	70.34
DISCCART	730471.38	4052477.25	70.07	70.07
DISCCART	730471.38	4052576.00	69.81	69.81
DISCCART	730471.38	4052674.50	69.54	69.54
DISCCART	730471.38	4052773.25	69.24	69.24
DISCCART	730471.38	4052871.75	69.03	69.03
DISCCART	730471.38	4052970.50	68.76	68.76
DISCCART	730471.38	4053069.00	68.54	68.54
DISCCART	730471.38	4053167.50	68.34	68.34

DISCCART	730471.38	4053266.25	68.14	68.14
DISCCART	730471.38	4053364.75	67.94	67.94
DISCCART	730471.38	4053463.50	67.74	67.74
DISCCART	730471.38	4053562.00	67.50	67.50
DISCCART	730471.38	4053660.75	67.34	67.34
DISCCART	730471.38	4053759.25	67.08	67.08
DISCCART	730471.38	4053858.00	66.92	66.92
DISCCART	730471.38	4053956.50	66.73	66.73
DISCCART	730471.38	4054055.00	66.50	66.50
DISCCART	730471.38	4054153.75	66.34	66.34
DISCCART	730471.38	4054252.25	66.24	66.24
DISCCART	730471.38	4054351.00	66.14	66.14
DISCCART	730471.38	4054449.50	66.04	66.04
DISCCART	730471.38	4054548.25	65.94	65.94
DISCCART	730471.38	4054646.75	65.88	65.88
DISCCART	730471.38	4054745.50	66.03	66.03
DISCCART	730471.38	4054844.00	66.05	66.05
DISCCART	730471.38	4054942.50	66.08	66.08
DISCCART	730471.38	4055041.25	66.04	66.04
DISCCART	730471.38	4055139.75	66.14	66.14
DISCCART	730471.38	4055238.50	66.14	66.14
DISCCART	730471.38	4055337.00	66.24	66.24
DISCCART	730471.38	4055435.75	66.34	66.34
DISCCART	730471.38	4055534.25	66.37	66.37
DISCCART	730471.38	4055633.00	66.54	66.54
DISCCART	730471.38	4055731.50	66.64	66.64
DISCCART	730471.38	4055981.50	66.84	66.84
DISCCART	730471.38	4056231.50	67.02	67.02
DISCCART	730710.25	4055981.50	66.14	66.14
DISCCART	730710.25	4056231.50	66.26	66.26
DISCCART	730949.13	4055981.50	65.53	65.53
DISCCART	730949.13	4056231.50	65.73	65.73
DISCCART	731188.06	4055981.50	64.94	64.94
DISCCART	731188.06	4056231.50	65.20	65.20
DISCCART	731426.94	4055981.50	64.44	64.44
DISCCART	731426.94	4056231.50	64.71	64.71
DISCCART	731665.81	4055981.50	64.02	64.02
DISCCART	731665.81	4056231.50	64.23	64.23
DISCCART	731904.69	4055981.50	63.54	63.54
DISCCART	731904.69	4056231.50	63.74	63.74
DISCCART	732143.63	4055981.50	63.07	63.07
DISCCART	732143.63	4056231.50	63.33	63.33
DISCCART	732382.50	4055981.50	62.64	62.64
DISCCART	732382.50	4056231.50	62.81	62.81
DISCCART	732621.38	4055981.50	62.15	62.15
DISCCART	732621.38	4056231.50	62.24	62.24
DISCCART	732860.25	4055981.50	61.74	61.74
DISCCART	732860.25	4056231.50	61.73	61.73
DISCCART	733099.13	4055981.50	61.14	61.14
DISCCART	733099.13	4056231.50	61.14	61.14
DISCCART	733338.06	4055981.50	60.54	60.54
DISCCART	733338.06	4056231.50	60.54	60.54
DISCCART	733576.94	4055981.50	60.15	60.15
DISCCART	733576.94	4056231.50	60.14	60.14
DISCCART	733815.81	4055981.50	59.74	59.74
DISCCART	733815.81	4056231.50	59.74	59.74
DISCCART	734054.69	4055981.50	59.27	59.27
DISCCART	734054.69	4056231.50	59.24	59.24
DISCCART	734293.63	4055981.50	58.84	58.84
DISCCART	734293.63	4056231.50	58.77	58.77
DISCCART	734532.50	4055981.50	58.42	58.42
DISCCART	734532.50	4056231.50	58.34	58.34
DISCCART	734771.38	4055981.50	57.92	57.92
DISCCART	734771.38	4056231.50	57.82	57.82
DISCCART	734521.38	4055731.50	58.44	58.44
DISCCART	734521.38	4055492.50	58.54	58.54
DISCCART	734521.38	4055253.75	58.64	58.64
DISCCART	734521.38	4055014.75	58.77	58.77
DISCCART	734521.38	4054776.00	58.94	58.94
DISCCART	734521.38	4054537.00	59.14	59.14
DISCCART	734521.38	4054298.25	59.39	59.39
DISCCART	734521.38	4054059.25	59.64	59.64
DISCCART	734521.38	4053820.50	59.94	59.94
DISCCART	734521.38	4053581.50	60.14	60.14
DISCCART	734521.38	4053342.50	60.54	60.54
DISCCART	734521.38	4053103.75	60.94	60.94
DISCCART	734521.38	4052864.75	61.44	61.44
DISCCART	734521.38	4052626.00	61.97	61.97
DISCCART	734521.38	4052387.00	62.65	62.65
DISCCART	734521.38	4052148.25	63.24	63.24
DISCCART	734521.38	4051909.25	63.92	63.92
DISCCART	734521.38	4051670.50	64.64	64.64
DISCCART	734521.38	4051431.50	65.44	65.44
DISCCART	734771.38	4055731.50	58.01	58.01
DISCCART	734771.38	4055492.50	58.12	58.12
DISCCART	734771.38	4055253.75	58.32	58.32
DISCCART	734771.38	4055014.75	58.42	58.42
DISCCART	734771.38	4054776.00	58.52	58.52
DISCCART	734771.38	4054537.00	58.72	58.72
DISCCART	734771.38	4054298.25	59.02	59.02
DISCCART	734771.38	4054059.25	59.32	59.32
DISCCART	734771.38	4053820.50	59.52	59.52
DISCCART	734771.38	4053581.50	59.82	59.82
DISCCART	734771.38	4053342.50	60.13	60.13
DISCCART	734771.38	4053103.75	60.63	60.63
DISCCART	734771.38	4052864.75	61.13	61.13
DISCCART	734771.38	4052626.00	61.61	61.61
DISCCART	734771.38	4052387.00	62.21	62.21
DISCCART	734771.38	4052148.25	62.83	62.83
DISCCART	734771.38	4051909.25	63.36	63.36
DISCCART	734771.38	4051670.50	64.22	64.22
DISCCART	734771.38	4051431.50	64.95	64.95
DISCCART	734271.38	4051681.50	65.04	65.04
DISCCART	734271.38	4051431.50	65.93	65.93
DISCCART	734032.50	4051681.50	65.53	65.53
DISCCART	734032.50	4051431.50	66.54	66.54
DISCCART	733793.63	4051681.50	66.08	66.08
DISCCART	733793.63	4051431.50	67.04	67.04
DISCCART	733554.69	4051681.50	66.64	66.64
DISCCART	733554.69	4051431.50	67.55	67.55
DISCCART	733315.81	4051681.50	67.29	67.29
DISCCART	733315.81	4051431.50	68.38	68.38
DISCCART	733076.94	4051681.50	68.23	68.23
DISCCART	733076.94	4051431.50	69.52	69.52
DISCCART	732838.06	4051681.50	69.46	69.46
DISCCART	732838.06	4051431.50	70.52	70.52
DISCCART	732599.13	4051681.50	70.26	70.26

DISCCART	732599.13	4051431.50	71.52	71.52
DISCCART	732360.25	4051681.50	71.11	71.11
DISCCART	732360.25	4051431.50	72.48	72.48
DISCCART	732121.38	4051681.50	72.05	72.05
DISCCART	732121.38	4051431.50	73.14	73.14
DISCCART	731882.50	4051681.50	72.54	72.54
DISCCART	731882.50	4051431.50	73.64	73.64
DISCCART	731643.63	4051681.50	72.74	72.74
DISCCART	731643.63	4051431.50	73.93	73.93
DISCCART	731404.69	4051681.50	72.73	72.73
DISCCART	731404.69	4051431.50	74.04	74.04
DISCCART	731165.81	4051681.50	72.53	72.53
DISCCART	731165.81	4051431.50	74.05	74.05
DISCCART	730926.94	4051681.50	72.93	72.93
DISCCART	730926.94	4051431.50	74.13	74.13
DISCCART	730688.06	4051681.50	73.03	73.03
DISCCART	730688.06	4051431.50	74.16	74.16
DISCCART	730449.13	4051681.50	72.78	72.78
DISCCART	730449.13	4051431.50	74.18	74.18
DISCCART	730210.25	4051681.50	73.13	73.13
DISCCART	730210.25	4051431.50	74.27	74.27
DISCCART	729971.38	4051681.50	73.34	73.34
DISCCART	729971.38	4051431.50	74.40	74.40
DISCCART	730221.38	4051931.50	72.17	72.17
DISCCART	730221.38	4052170.50	71.17	71.17
DISCCART	730221.38	4052409.25	70.46	70.46
DISCCART	730221.38	4052648.25	69.90	69.90
DISCCART	730221.38	4052887.00	69.32	69.32
DISCCART	730221.38	4053126.00	68.84	68.84
DISCCART	730221.38	4053364.75	68.34	68.34
DISCCART	730221.38	4053603.75	67.92	67.92
DISCCART	730221.38	4053842.50	67.44	67.44
DISCCART	730221.38	4054081.50	67.04	67.04
DISCCART	730221.38	4054320.50	66.66	66.66
DISCCART	730221.38	4054559.25	66.34	66.34
DISCCART	730221.38	4054798.25	66.39	66.39
DISCCART	730221.38	4055037.00	66.58	66.58
DISCCART	730221.38	4055276.00	66.68	66.68
DISCCART	730221.38	4055514.75	67.14	67.14
DISCCART	730221.38	4055753.75	67.39	67.39
DISCCART	730221.38	4055992.50	67.64	67.64
DISCCART	730221.38	4056231.50	67.83	67.83
DISCCART	729971.38	4051931.50	72.34	72.34
DISCCART	729971.38	4052170.50	71.51	71.51
DISCCART	729971.38	4052409.25	70.75	70.75
DISCCART	729971.38	4052648.25	70.24	70.24
DISCCART	729971.38	4052887.00	69.74	69.74
DISCCART	729971.38	4053126.00	69.24	69.24
DISCCART	729971.38	4053364.75	68.83	68.83
DISCCART	729971.38	4053603.75	68.39	68.39
DISCCART	729971.38	4053842.50	67.94	67.94
DISCCART	729971.38	4054081.50	67.61	67.61
DISCCART	729971.38	4054320.50	67.34	67.34
DISCCART	729971.38	4054559.25	67.19	67.19
DISCCART	729971.38	4054798.25	67.24	67.24
DISCCART	729971.38	4055037.00	67.46	67.46
DISCCART	729971.38	4055276.00	67.74	67.74
DISCCART	729971.38	4055514.75	68.03	68.03
DISCCART	729971.38	4055753.75	68.24	68.24
DISCCART	729971.38	4055992.50	68.44	68.44
DISCCART	729971.38	4056231.50	68.66	68.66
DISCCART	729971.38	4056731.50	68.95	68.95
DISCCART	729971.38	4057231.50	69.46	69.46
DISCCART	730454.69	4056731.50	67.64	67.64
DISCCART	730454.69	4057231.50	67.94	67.94
DISCCART	730938.06	4056731.50	66.06	66.06
DISCCART	730938.06	4057231.50	66.26	66.26
DISCCART	731421.38	4056731.50	64.96	64.96
DISCCART	731421.38	4057231.50	65.26	65.26
DISCCART	731904.69	4056731.50	63.84	63.84
DISCCART	731904.69	4057231.50	63.84	63.84
DISCCART	732388.06	4056731.50	62.96	62.96
DISCCART	732388.06	4057231.50	63.17	63.17
DISCCART	732871.38	4056731.50	61.70	61.70
DISCCART	732871.38	4057231.50	61.76	61.76
DISCCART	733354.69	4056731.50	60.56	60.56
DISCCART	733354.69	4057231.50	60.45	60.45
DISCCART	733838.06	4056731.50	59.56	59.56
DISCCART	733838.06	4057231.50	59.46	59.46
DISCCART	734321.38	4056731.50	58.86	58.86
DISCCART	734321.38	4057231.50	58.65	58.65
DISCCART	734804.69	4056731.50	57.76	57.76
DISCCART	734804.69	4057231.50	57.66	57.66
DISCCART	735288.06	4056731.50	56.56	56.56
DISCCART	735288.06	4057231.50	56.92	56.92
DISCCART	735771.38	4056731.50	55.46	55.46
DISCCART	735771.38	4057231.50	55.96	55.96
DISCCART	735271.38	4056231.50	56.81	56.81
DISCCART	735271.38	4055748.25	57.16	57.16
DISCCART	735271.38	4055264.75	57.61	57.61
DISCCART	735271.38	4054781.50	58.01	58.01
DISCCART	735271.38	4054298.25	58.41	58.41
DISCCART	735271.38	4053814.75	58.71	58.71
DISCCART	735271.38	4053331.50	59.51	59.51
DISCCART	735271.38	4052848.25	60.48	60.48
DISCCART	735271.38	4052364.75	61.62	61.62
DISCCART	735271.38	4051881.50	63.00	63.00
DISCCART	735271.38	4051398.25	64.46	64.46
DISCCART	735271.38	4050914.75	66.23	66.23
DISCCART	735271.38	4050431.50	68.75	68.75
DISCCART	735771.38	4056231.50	55.61	55.61
DISCCART	735771.38	4055748.25	56.31	56.31
DISCCART	735771.38	4055264.75	56.99	56.99
DISCCART	735771.38	4054781.50	57.40	57.40
DISCCART	735771.38	4054298.25	57.71	57.71
DISCCART	735771.38	4053814.75	58.15	58.15
DISCCART	735771.38	4053331.50	58.91	58.91
DISCCART	735771.38	4052848.25	59.81	59.81
DISCCART	735771.38	4052364.75	61.00	61.00
DISCCART	735771.38	4051881.50	62.34	62.34
DISCCART	735771.38	4051398.25	63.80	63.80
DISCCART	735771.38	4050914.75	65.59	65.59
DISCCART	735771.38	4050431.50	67.74	67.74
DISCCART	734771.38	4050931.50	66.99	66.99
DISCCART	734771.38	4050431.50	69.49	69.49
DISCCART	734288.06	4050931.50	67.82	67.82
DISCCART	734288.06	4050431.50	70.92	70.92

DISCCART	733804.69	4050931.50	68.98	68.98
DISCCART	733804.69	4050431.50	72.19	72.19
DISCCART	733321.38	4050931.50	71.02	71.02
DISCCART	733321.38	4050431.50	73.75	73.75
DISCCART	732838.06	4050931.50	73.22	73.22
DISCCART	732838.06	4050431.50	75.57	75.57
DISCCART	732354.69	4050931.50	74.65	74.65
DISCCART	732354.69	4050431.50	77.39	77.39
DISCCART	731871.38	4050931.50	75.97	75.97
DISCCART	731871.38	4050431.50	78.64	78.64
DISCCART	731388.06	4050931.50	76.83	76.83
DISCCART	731388.06	4050431.50	80.02	80.02
DISCCART	730904.69	4050931.50	77.27	77.27
DISCCART	730904.69	4050431.50	80.78	80.78
DISCCART	730421.38	4050931.50	76.86	76.86
DISCCART	730421.38	4050431.50	80.10	80.10
DISCCART	729938.06	4050931.50	77.28	77.28
DISCCART	729938.06	4050431.50	80.37	80.37
DISCCART	729454.69	4050931.50	77.29	77.29
DISCCART	729454.69	4050431.50	80.75	80.75
DISCCART	728971.38	4050931.50	78.35	78.35
DISCCART	728971.38	4050431.50	81.77	81.77
DISCCART	729471.38	4051431.50	74.90	74.90
DISCCART	729471.38	4051914.75	72.98	72.98
DISCCART	729471.38	4052398.25	71.78	71.78
DISCCART	729471.38	4052881.50	70.79	70.79
DISCCART	729471.38	4053364.75	69.94	69.94
DISCCART	729471.38	4053848.25	69.17	69.17
DISCCART	729471.38	4054331.50	68.79	68.79
DISCCART	729471.38	4054814.75	68.98	68.98
DISCCART	729471.38	4055298.25	69.54	69.54
DISCCART	729471.38	4055781.50	69.84	69.84
DISCCART	729471.38	4056264.75	70.16	70.16
DISCCART	729471.38	4056748.25	70.46	70.46
DISCCART	729471.38	4057231.50	70.90	70.90
DISCCART	728971.38	4051431.50	76.34	76.34
DISCCART	728971.38	4051914.75	74.79	74.79
DISCCART	728971.38	4052398.25	73.44	73.44
DISCCART	728971.38	4052881.50	72.43	72.43
DISCCART	728971.38	4053364.75	71.79	71.79
DISCCART	728971.38	4053848.25	71.09	71.09
DISCCART	728971.38	4054331.50	70.58	70.58
DISCCART	728971.38	4054814.75	70.64	70.64
DISCCART	728971.38	4055298.25	70.99	70.99
DISCCART	728971.38	4055781.50	71.38	71.38
DISCCART	728971.38	4056264.75	71.71	71.71
DISCCART	728971.38	4056748.25	72.16	72.16
DISCCART	728971.38	4057231.50	72.96	72.96
** DESCREC	"FENCEINT"	"Cartesian plant boundary Intermediate Receptors"		
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
** DESCREC	"FENCEPRI"	"Cartesian plant boundary Primary Receptors"		
DISCCART	731186.90	4054769.34	64.74	64.74
DISCCART	731900.30	4054798.88	62.94	62.94
DISCCART	731929.72	4054094.66	63.24	63.24
DISCCART	731216.10	4054065.49	64.94	64.94
** DESCREC	"FENCEINT"	"Cartesian plant boundary Intermediate Receptors"		
DISCCART	731211.50	4054770.36	64.64	64.64
DISCCART	731236.10	4054771.38	64.56	64.56
DISCCART	731260.70	4054772.40	64.47	64.47
DISCCART	731285.30	4054773.41	64.38	64.38
DISCCART	731309.90	4054774.43	64.24	64.24
DISCCART	731334.50	4054775.45	64.16	64.16
DISCCART	731359.10	4054776.47	64.08	64.08
DISCCART	731383.70	4054777.49	63.96	63.96
DISCCART	731408.30	4054778.51	63.84	63.84
DISCCART	731432.90	4054779.53	63.75	63.75
DISCCART	731457.50	4054780.54	63.65	63.65
DISCCART	731482.10	4054781.56	63.64	63.64
DISCCART	731506.70	4054782.58	63.54	63.54
DISCCART	731531.30	4054783.60	63.54	63.54
DISCCART	731555.90	4054784.62	63.44	63.44
DISCCART	731580.50	4054785.64	63.34	63.34
DISCCART	731605.10	4054786.66	63.34	63.34
DISCCART	731629.70	4054787.68	63.24	63.24
DISCCART	731654.30	4054788.69	63.24	63.24
DISCCART	731678.90	4054789.71	63.24	63.24
DISCCART	731703.50	4054790.73	63.15	63.15
DISCCART	731728.10	4054791.75	63.14	63.14
DISCCART	731752.70	4054792.77	63.14	63.14
DISCCART	731777.30	4054793.79	63.12	63.12
DISCCART	731801.90	4054794.81	63.04	63.04
DISCCART	731826.50	4054795.82	63.04	63.04
DISCCART	731851.10	4054796.84	62.98	62.98
DISCCART	731875.70	4054797.86	62.94	62.94
DISCCART	731901.31	4054774.60	62.94	62.94
DISCCART	731902.33	4054750.31	62.94	62.94
DISCCART	731903.34	4054726.03	62.94	62.94
DISCCART	731904.36	4054701.75	62.94	62.94
DISCCART	731905.37	4054677.46	62.94	62.94
DISCCART	731906.39	4054653.18	62.94	62.94

DISCCART	731907.40	4054628.90	62.94	62.94
DISCCART	731908.42	4054604.61	62.95	62.95
DISCCART	731909.43	4054580.33	63.00	63.00
DISCCART	731910.44	4054556.05	63.04	63.04
DISCCART	731911.46	4054531.76	63.04	63.04
DISCCART	731912.47	4054507.48	63.04	63.04
DISCCART	731913.49	4054483.20	63.04	63.04
DISCCART	731914.50	4054458.91	63.04	63.04
DISCCART	731915.52	4054434.63	63.04	63.04
DISCCART	731916.53	4054410.34	63.04	63.04
DISCCART	731917.55	4054386.06	63.05	63.05
DISCCART	731918.56	4054361.78	63.12	63.12
DISCCART	731919.58	4054337.49	63.14	63.14
DISCCART	731920.59	4054313.21	63.14	63.14
DISCCART	731921.60	4054288.93	63.14	63.14
DISCCART	731922.62	4054264.64	63.14	63.14
DISCCART	731923.63	4054240.36	63.14	63.14
DISCCART	731924.65	4054216.08	63.16	63.16
DISCCART	731925.66	4054191.79	63.23	63.23
DISCCART	731926.68	4054167.51	63.24	63.24
DISCCART	731927.69	4054143.23	63.24	63.24
DISCCART	731928.71	4054118.94	63.24	63.24
DISCCART	731905.11	4054093.65	63.34	63.34
DISCCART	731880.50	4054092.65	63.36	63.36
DISCCART	731855.90	4054091.64	63.53	63.53
DISCCART	731831.29	4054090.64	63.71	63.71
DISCCART	731806.68	4054089.63	63.83	63.83
DISCCART	731782.07	4054088.62	63.96	63.96
DISCCART	731757.47	4054087.62	64.13	64.13
DISCCART	731732.86	4054086.61	64.21	64.21
DISCCART	731708.25	4054085.61	64.33	64.33
DISCCART	731683.64	4054084.60	64.42	64.42
DISCCART	731659.04	4054083.60	64.47	64.47
DISCCART	731634.43	4054082.59	64.49	64.49
DISCCART	731609.82	4054081.58	64.53	64.53
DISCCART	731585.21	4054080.58	64.54	64.54
DISCCART	731560.61	4054079.57	64.54	64.54
DISCCART	731536.00	4054078.57	64.61	64.61
DISCCART	731511.39	4054077.56	64.61	64.61
DISCCART	731486.78	4054076.55	64.61	64.61
DISCCART	731462.18	4054075.55	64.54	64.54
DISCCART	731437.57	4054074.54	64.55	64.55
DISCCART	731412.96	4054073.54	64.58	64.58
DISCCART	731388.35	4054072.53	64.64	64.64
DISCCART	731363.75	4054071.53	64.64	64.64
DISCCART	731339.14	4054070.52	64.70	64.70
DISCCART	731314.53	4054069.51	64.74	64.74
DISCCART	731289.92	4054068.51	64.84	64.84
DISCCART	731265.32	4054067.50	64.85	64.85
DISCCART	731240.71	4054066.50	64.94	64.94
DISCCART	731215.09	4054065.49	64.94	64.94
DISCCART	731214.09	4054114.03	64.94	64.94
DISCCART	731213.08	4054138.30	64.94	64.94
DISCCART	731212.07	4054162.57	64.88	64.88
DISCCART	731211.07	4054186.84	64.84	64.84
DISCCART	731210.06	4054211.11	64.84	64.84
DISCCART	731209.05	4054235.38	64.80	64.80
DISCCART	731208.04	4054259.66	64.75	64.75
DISCCART	731207.04	4054283.93	64.74	64.74
DISCCART	731206.03	4054308.20	64.74	64.74
DISCCART	731205.02	4054332.47	64.74	64.74
DISCCART	731204.02	4054356.74	64.74	64.74
DISCCART	731203.01	4054381.01	64.74	64.74
DISCCART	731202.00	4054405.28	64.74	64.74
DISCCART	731201.00	4054429.55	64.74	64.74
DISCCART	731199.99	4054453.82	64.74	64.74
DISCCART	731198.98	4054478.09	64.74	64.74
DISCCART	731197.98	4054502.36	64.74	64.74
DISCCART	731196.97	4054526.63	64.74	64.74
DISCCART	731195.96	4054550.90	64.73	64.73
DISCCART	731194.96	4054575.17	64.74	64.74
DISCCART	731193.95	4054599.45	64.74	64.74
DISCCART	731192.94	4054623.72	64.74	64.74
DISCCART	731191.93	4054647.99	64.74	64.74
DISCCART	731190.93	4054672.26	64.74	64.74
DISCCART	731189.92	4054696.53	64.74	64.74
DISCCART	731188.91	4054720.80	64.74	64.74
DISCCART	731187.91	4054745.07	64.74	64.74
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"				
DISCCART	731943.69	4055189.34	62.94	62.94
DISCCART	733338.57	4055256.58	60.64	60.64
DISCCART	733353.25	4055248.33	60.57	60.57
DISCCART	733468.44	4055248.68	60.35	60.35
DISCCART	733489.84	4055033.32	60.54	60.54
DISCCART	733500.36	4054801.88	60.64	60.64
DISCCART	733510.16	4054233.64	61.04	61.04
DISCCART	733496.77	4054123.78	61.14	61.14
DISCCART	732004.98	4054061.70	63.24	63.24
DISCCART	731983.73	4054169.31	63.14	63.14
DISCCART	731948.04	4054949.17	62.84	62.84
** DESCRREC "FENCEINT" "Cartesian plant boundary Intermediate Receptors"				
DISCCART	731968.60	4055190.54	62.91	62.91
DISCCART	731993.51	4055191.74	62.84	62.84
DISCCART	732018.42	4055192.94	62.84	62.84
DISCCART	732043.32	4055194.14	62.74	62.74
DISCCART	732068.23	4055195.34	62.74	62.74
DISCCART	732093.14	4055196.54	62.68	62.68
DISCCART	732118.05	4055197.75	62.64	62.64
DISCCART	732142.96	4055198.95	62.63	62.63
DISCCART	732167.87	4055200.15	62.54	62.54
DISCCART	732192.78	4055201.35	62.51	62.51
DISCCART	732217.68	4055202.55	62.44	62.44
DISCCART	732242.59	4055203.75	62.43	62.43
DISCCART	732267.50	4055204.95	62.34	62.34
DISCCART	732292.41	4055206.15	62.34	62.34
DISCCART	732317.32	4055207.35	62.25	62.25
DISCCART	732342.23	4055208.55	62.24	62.24
DISCCART	732367.14	4055209.75	62.16	62.16
DISCCART	732392.04	4055210.95	62.14	62.14
DISCCART	732416.95	4055212.15	62.11	62.11
DISCCART	732441.86	4055213.35	62.04	62.04
DISCCART	732466.77	4055214.56	62.02	62.02
DISCCART	732491.68	4055215.76	61.94	61.94
DISCCART	732516.59	4055216.96	61.94	61.94
DISCCART	732541.50	4055218.16	61.84	61.84
DISCCART	732566.40	4055219.36	61.84	61.84
DISCCART	732591.31	4055220.56	61.74	61.74

DISCCART	732616.22	4055221.76	61.74	61.74
DISCCART	732641.13	4055222.96	61.73	61.73
DISCCART	732666.04	4055224.16	61.64	61.64
DISCCART	732690.95	4055225.36	61.64	61.64
DISCCART	732715.86	4055226.56	61.56	61.56
DISCCART	732740.76	4055227.76	61.54	61.54
DISCCART	732765.67	4055228.96	61.54	61.54
DISCCART	732790.58	4055230.16	61.49	61.49
DISCCART	732815.49	4055231.37	61.44	61.44
DISCCART	732840.40	4055232.57	61.44	61.44
DISCCART	732865.31	4055233.77	61.36	61.36
DISCCART	732890.22	4055234.97	61.34	61.34
DISCCART	732915.12	4055236.17	61.34	61.34
DISCCART	732940.03	4055237.37	61.25	61.25
DISCCART	732964.94	4055238.57	61.24	61.24
DISCCART	732989.85	4055239.77	61.24	61.24
DISCCART	733014.76	4055240.97	61.14	61.14
DISCCART	733039.67	4055242.17	61.14	61.14
DISCCART	733064.58	4055243.37	61.06	61.06
DISCCART	733089.48	4055244.57	61.04	61.04
DISCCART	733114.39	4055245.77	61.01	61.01
DISCCART	733139.30	4055246.97	60.94	60.94
DISCCART	733164.21	4055248.18	60.93	60.93
DISCCART	733189.12	4055249.38	60.84	60.84
DISCCART	733214.03	4055250.58	60.84	60.84
DISCCART	733238.94	4055251.78	60.75	60.75
DISCCART	733263.84	4055252.98	60.74	60.74
DISCCART	733288.75	4055254.18	60.70	60.70
DISCCART	733313.66	4055255.38	60.64	60.64
DISCCART	733337.29	4055248.40	60.54	60.54
DISCCART	733399.33	4055248.47	60.50	60.50
DISCCART	733422.36	4055248.54	60.44	60.44
DISCCART	733445.40	4055248.61	60.44	60.44
DISCCART	733470.82	4055224.75	60.38	60.38
DISCCART	733473.20	4055200.82	60.40	60.40
DISCCART	733475.57	4055176.89	60.44	60.44
DISCCART	733477.95	4055152.96	60.44	60.44
DISCCART	733480.33	4055129.04	60.44	60.44
DISCCART	733482.71	4055105.11	60.47	60.47
DISCCART	733485.08	4055081.18	60.45	60.45
DISCCART	733487.46	4055057.25	60.52	60.52
DISCCART	733490.89	4055010.18	60.54	60.54
DISCCART	733491.94	4054987.03	60.54	60.54
DISCCART	733493.00	4054963.89	60.54	60.54
DISCCART	733494.05	4054940.74	60.54	60.54
DISCCART	733495.10	4054917.60	60.54	60.54
DISCCART	733496.15	4054894.46	60.54	60.54
DISCCART	733497.20	4054871.31	60.55	60.55
DISCCART	733498.26	4054848.17	60.55	60.55
DISCCART	733499.31	4054825.02	60.61	60.61
DISCCART	733500.79	4054777.17	60.64	60.64
DISCCART	733501.21	4054752.47	60.64	60.64
DISCCART	733501.64	4054727.76	60.64	60.64
DISCCART	733502.06	4054703.06	60.64	60.64
DISCCART	733502.49	4054678.35	60.64	60.64
DISCCART	733502.92	4054653.64	60.68	60.68
DISCCART	733503.34	4054628.94	60.74	60.74
DISCCART	733503.77	4054604.23	60.74	60.74
DISCCART	733504.19	4054579.53	60.74	60.74
DISCCART	733504.62	4054554.82	60.74	60.74
DISCCART	733505.05	4054530.11	60.74	60.74
DISCCART	733505.47	4054505.41	60.76	60.76
DISCCART	733505.90	4054480.70	60.82	60.82
DISCCART	733506.33	4054455.99	60.84	60.84
DISCCART	733506.75	4054431.29	60.84	60.84
DISCCART	733507.18	4054406.58	60.84	60.84
DISCCART	733507.60	4054381.88	60.85	60.85
DISCCART	733508.03	4054357.17	60.91	60.91
DISCCART	733508.46	4054332.46	60.94	60.94
DISCCART	733508.88	4054307.76	60.94	60.94
DISCCART	733509.31	4054283.05	60.94	60.94
DISCCART	733509.73	4054258.35	60.94	60.94
DISCCART	733507.48	4054211.67	61.04	61.04
DISCCART	733504.80	4054189.70	61.04	61.04
DISCCART	733502.13	4054167.72	61.08	61.08
DISCCART	733499.45	4054145.75	61.14	61.14
DISCCART	733471.91	4054122.75	61.15	61.15
DISCCART	733447.04	4054121.71	61.23	61.23
DISCCART	733422.18	4054120.68	61.24	61.24
DISCCART	733397.32	4054119.64	61.24	61.24
DISCCART	733372.45	4054118.61	61.33	61.33
DISCCART	733347.59	4054117.57	61.34	61.34
DISCCART	733322.73	4054116.54	61.34	61.34
DISCCART	733297.86	4054115.50	61.44	61.44
DISCCART	733273.00	4054114.47	61.44	61.44
DISCCART	733248.14	4054113.43	61.45	61.45
DISCCART	733223.28	4054112.40	61.54	61.54
DISCCART	733198.41	4054111.36	61.54	61.54
DISCCART	733173.55	4054110.33	61.59	61.59
DISCCART	733148.69	4054109.29	61.64	61.64
DISCCART	733123.82	4054108.26	61.64	61.64
DISCCART	733098.96	4054107.23	61.73	61.73
DISCCART	733074.10	4054106.19	61.74	61.74
DISCCART	733049.23	4054105.16	61.74	61.74
DISCCART	733024.37	4054104.12	61.82	61.82
DISCCART	732999.51	4054103.09	61.84	61.84
DISCCART	732974.64	4054102.05	61.85	61.85
DISCCART	732949.78	4054101.02	61.94	61.94
DISCCART	732924.92	4054099.98	61.94	61.94
DISCCART	732900.05	4054098.95	61.94	61.94
DISCCART	732875.19	4054097.91	62.04	62.04
DISCCART	732850.33	4054096.88	62.04	62.04
DISCCART	732825.46	4054095.84	62.06	62.06
DISCCART	732800.60	4054094.81	62.14	62.14
DISCCART	732775.74	4054093.77	62.14	62.14
DISCCART	732750.88	4054092.74	62.20	62.20
DISCCART	732726.01	4054091.71	62.24	62.24
DISCCART	732701.15	4054090.67	62.24	62.24
DISCCART	732676.29	4054089.64	62.29	62.29
DISCCART	732651.42	4054088.60	62.34	62.34
DISCCART	732626.56	4054087.57	62.34	62.34
DISCCART	732601.70	4054086.53	62.43	62.43
DISCCART	732576.83	4054085.50	62.44	62.44
DISCCART	732551.97	4054084.46	62.44	62.44
DISCCART	732527.11	4054083.43	62.45	62.45
DISCCART	732502.24	4054082.39	62.54	62.54
DISCCART	732477.38	4054081.36	62.54	62.54

DISCCART	732452.52	4054080.32	62.58	62.58
DISCCART	732427.65	4054079.29	62.64	62.64
DISCCART	732402.79	4054078.25	62.64	62.64
DISCCART	732377.93	4054077.22	62.68	62.68
DISCCART	732353.06	4054076.19	62.74	62.74
DISCCART	732328.20	4054075.15	62.74	62.74
DISCCART	732303.34	4054074.12	62.83	62.83
DISCCART	732278.47	4054073.08	62.84	62.84
DISCCART	732253.61	4054072.05	62.84	62.84
DISCCART	732228.75	4054071.01	62.92	62.92
DISCCART	732203.89	4054069.98	62.94	62.94
DISCCART	732179.02	4054068.94	62.94	62.94
DISCCART	732154.16	4054067.91	63.04	63.04
DISCCART	732129.30	4054066.87	63.04	63.04
DISCCART	732104.43	4054065.84	63.06	63.06
DISCCART	732079.57	4054064.80	63.14	63.14
DISCCART	732054.71	4054063.77	63.14	63.14
DISCCART	732029.84	4054062.73	63.24	63.24
DISCCART	732000.73	4054083.22	63.24	63.24
DISCCART	731996.48	4054104.74	63.17	63.17
DISCCART	731992.23	4054126.27	63.14	63.14
DISCCART	731987.98	4054147.79	63.14	63.14
DISCCART	731982.61	4054193.68	63.14	63.14
DISCCART	731981.50	4054218.05	63.14	63.14
DISCCART	731980.38	4054242.42	63.10	63.10
DISCCART	731979.27	4054266.79	63.05	63.05
DISCCART	731978.15	4054291.16	63.04	63.04
DISCCART	731977.04	4054315.53	63.04	63.04
DISCCART	731975.92	4054339.90	63.04	63.04
DISCCART	731974.81	4054364.28	63.04	63.04
DISCCART	731973.69	4054388.65	63.04	63.04
DISCCART	731972.58	4054413.02	63.02	63.02
DISCCART	731971.46	4054437.39	62.97	62.97
DISCCART	731970.35	4054461.76	62.94	62.94
DISCCART	731969.23	4054486.13	62.94	62.94
DISCCART	731968.12	4054510.50	62.94	62.94
DISCCART	731967.00	4054534.87	62.94	62.94
DISCCART	731965.89	4054559.24	62.94	62.94
DISCCART	731964.77	4054583.61	62.94	62.94
DISCCART	731963.65	4054607.98	62.94	62.94
DISCCART	731962.54	4054632.35	62.94	62.94
DISCCART	731961.42	4054656.72	62.88	62.88
DISCCART	731960.31	4054681.09	62.85	62.85
DISCCART	731959.19	4054705.46	62.84	62.84
DISCCART	731958.08	4054729.83	62.84	62.84
DISCCART	731956.96	4054754.21	62.84	62.84
DISCCART	731955.85	4054778.58	62.84	62.84
DISCCART	731954.73	4054802.95	62.84	62.84
DISCCART	731953.62	4054827.32	62.84	62.84
DISCCART	731952.50	4054851.69	62.84	62.84
DISCCART	731951.39	4054876.06	62.84	62.84
DISCCART	731950.27	4054900.43	62.84	62.84
DISCCART	731949.16	4054924.80	62.84	62.84
DISCCART	731947.61	4054973.19	62.84	62.84
DISCCART	731947.17	4054997.20	62.84	62.84
DISCCART	731946.74	4055021.22	62.84	62.84
DISCCART	731946.30	4055045.24	62.85	62.85
DISCCART	731945.87	4055069.26	62.93	62.93
DISCCART	731945.43	4055093.27	62.93	62.93
DISCCART	731945.00	4055117.29	62.94	62.94
DISCCART	731944.56	4055141.31	62.94	62.94
DISCCART	731944.13	4055165.32	62.94	62.94
** DESCREC	"FENCEPR1" *Cartesian plant boundary Primary Receptors*			
DISCCART	731215.24	4053954.55	65.04	65.04
DISCCART	731932.86	4053984.58	65.04	65.04
DISCCART	731968.42	4053126.00	65.43	65.43
DISCCART	731771.32	4053117.96	65.84	65.84
DISCCART	731777.42	4052972.13	66.14	66.14
DISCCART	731957.15	4052979.60	65.93	65.93
DISCCART	731962.24	4052851.84	66.34	66.34
DISCCART	731262.36	4052816.32	67.74	67.74
** DESCREC	"FENCEINT" *Cartesian plant boundary Intermediate Receptors*			
DISCCART	731239.99	4053955.59	65.02	65.02
DISCCART	731264.73	4053956.62	65.02	65.02
DISCCART	731289.48	4053957.66	65.01	65.01
DISCCART	731314.22	4053958.69	64.94	64.94
DISCCART	731338.97	4053959.73	64.94	64.94
DISCCART	731363.71	4053960.76	64.94	64.94
DISCCART	731388.46	4053961.80	64.94	64.94
DISCCART	731413.20	4053962.83	64.94	64.94
DISCCART	731437.95	4053963.87	64.94	64.94
DISCCART	731462.70	4053964.91	64.94	64.94
DISCCART	731487.44	4053965.94	64.94	64.94
DISCCART	731512.19	4053966.98	64.94	64.94
DISCCART	731536.93	4053968.01	64.94	64.94
DISCCART	731561.68	4053969.05	64.94	64.94
DISCCART	731586.42	4053970.08	64.94	64.94
DISCCART	731611.17	4053971.12	64.94	64.94
DISCCART	731635.91	4053972.15	64.94	64.94
DISCCART	731660.66	4053973.19	64.94	64.94
DISCCART	731685.40	4053974.22	64.94	64.94
DISCCART	731710.15	4053975.26	64.94	64.94
DISCCART	731734.90	4053976.30	64.94	64.94
DISCCART	731759.64	4053977.33	64.94	64.94
DISCCART	731784.39	4053978.37	64.94	64.94
DISCCART	731809.13	4053979.40	64.94	64.94
DISCCART	731833.88	4053980.44	64.94	64.94
DISCCART	731858.62	4053981.47	64.94	64.94
DISCCART	731883.37	4053982.51	64.94	64.94
DISCCART	731908.11	4053983.54	64.94	64.94
DISCCART	731933.88	4053960.05	64.94	64.94
DISCCART	731934.89	4053935.52	64.93	64.93
DISCCART	731935.91	4053910.99	64.93	64.93
DISCCART	731936.92	4053886.46	64.92	64.92
DISCCART	731937.94	4053861.93	64.91	64.91
DISCCART	731938.96	4053837.39	64.91	64.91
DISCCART	731939.97	4053812.86	64.90	64.90
DISCCART	731940.99	4053788.33	64.89	64.89
DISCCART	731942.00	4053763.80	64.88	64.88
DISCCART	731943.02	4053739.27	64.87	64.87
DISCCART	731944.04	4053714.74	64.93	64.93
DISCCART	731945.05	4053690.21	64.93	64.93
DISCCART	731946.07	4053665.68	64.92	64.92
DISCCART	731947.08	4053641.15	64.91	64.91
DISCCART	731948.10	4053616.62	64.91	64.91
DISCCART	731949.12	4053592.09	64.90	64.90
DISCCART	731950.13	4053567.56	64.89	64.89

DISCCART	731951.15	4053543.02	64.88	64.88
DISCCART	731952.16	4053518.49	64.87	64.87
DISCCART	731953.18	4053493.96	64.87	64.87
DISCCART	731954.20	4053469.43	64.94	64.94
DISCCART	731955.21	4053444.90	64.94	64.94
DISCCART	731956.23	4053420.37	64.93	64.93
DISCCART	731957.24	4053395.84	64.92	64.92
DISCCART	731958.26	4053371.31	64.94	64.94
DISCCART	731959.28	4053346.78	64.94	64.94
DISCCART	731960.29	4053322.25	64.94	64.94
DISCCART	731961.31	4053297.72	65.02	65.02
DISCCART	731962.32	4053273.19	65.04	65.04
DISCCART	731963.34	4053248.65	65.11	65.11
DISCCART	731964.36	4053224.12	65.15	65.15
DISCCART	731965.37	4053199.59	65.23	65.23
DISCCART	731966.39	4053175.06	65.26	65.26
DISCCART	731967.40	4053150.53	65.35	65.35
DISCCART	731943.78	4053125.00	65.44	65.44
DISCCART	731919.15	4053123.99	65.54	65.54
DISCCART	731894.51	4053122.99	65.56	65.56
DISCCART	731869.87	4053121.98	65.64	65.64
DISCCART	731845.23	4053120.98	65.73	65.73
DISCCART	731820.60	4053119.97	65.74	65.74
DISCCART	731795.96	4053118.97	65.84	65.84
DISCCART	731772.34	4053093.66	65.88	65.88
DISCCART	731773.35	4053069.35	65.94	65.94
DISCCART	731774.37	4053045.05	65.96	65.96
DISCCART	731775.39	4053020.74	66.04	66.04
DISCCART	731776.40	4052996.44	66.11	66.11
DISCCART	731799.89	4052973.06	66.10	66.10
DISCCART	731822.35	4052974.00	66.04	66.04
DISCCART	731844.82	4052974.93	66.04	66.04
DISCCART	731867.29	4052975.87	65.95	65.95
DISCCART	731889.75	4052976.80	65.94	65.94
DISCCART	731912.22	4052977.73	65.94	65.94
DISCCART	731934.68	4052978.67	65.84	65.84
DISCCART	731958.00	4052958.31	65.93	65.93
DISCCART	731958.85	4052937.01	66.04	66.04
DISCCART	731959.70	4052915.72	66.13	66.13
DISCCART	731960.54	4052894.43	66.19	66.19
DISCCART	731961.39	4052873.13	66.34	66.34
DISCCART	731938.11	4052850.62	66.27	66.27
DISCCART	731913.97	4052849.39	66.24	66.24
DISCCART	731889.84	4052848.17	66.24	66.24
DISCCART	731865.70	4052846.94	66.31	66.31
DISCCART	731841.57	4052845.72	66.34	66.34
DISCCART	731817.44	4052844.49	66.37	66.37
DISCCART	731793.30	4052843.27	66.44	66.44
DISCCART	731769.17	4052842.04	66.51	66.51
DISCCART	731745.04	4052840.82	66.58	66.58
DISCCART	731720.90	4052839.59	66.64	66.64
DISCCART	731696.77	4052838.37	66.71	66.71
DISCCART	731672.63	4052837.14	66.76	66.76
DISCCART	731648.50	4052835.92	66.84	66.84
DISCCART	731624.37	4052834.69	66.93	66.93
DISCCART	731600.23	4052833.47	66.95	66.95
DISCCART	731576.10	4052832.24	67.04	67.04
DISCCART	731551.97	4052831.02	67.07	67.07
DISCCART	731527.83	4052829.79	67.15	67.15
DISCCART	731503.70	4052828.57	67.21	67.21
DISCCART	731479.56	4052827.34	67.25	67.25
DISCCART	731455.43	4052826.12	67.34	67.34
DISCCART	731431.30	4052824.89	67.36	67.36
DISCCART	731407.16	4052823.67	67.44	67.44
DISCCART	731383.03	4052822.44	67.49	67.49
DISCCART	731358.90	4052821.22	67.54	67.54
DISCCART	731334.76	4052819.99	67.60	67.60
DISCCART	731310.63	4052818.77	67.64	67.64
DISCCART	731286.49	4052817.54	67.70	67.70
DISCCART	731261.34	4052816.32	67.76	67.76
DISCCART	731260.31	4052815.10	67.82	67.82
DISCCART	731259.29	4052813.88	67.88	67.88
DISCCART	731258.26	4052812.66	67.94	67.94
DISCCART	731257.24	4052811.44	67.99	67.99
DISCCART	731256.21	4052810.22	68.04	68.04
DISCCART	731255.19	4052809.00	68.09	68.09
DISCCART	731254.17	4052807.78	68.14	68.14
DISCCART	731253.14	4052806.56	68.19	68.19
DISCCART	731252.12	4052805.34	68.24	68.24
DISCCART	731251.09	4052804.12	68.29	68.29
DISCCART	731250.07	4052802.90	68.34	68.34
DISCCART	731249.04	4052801.68	68.39	68.39
DISCCART	731248.02	4052800.46	68.44	68.44
DISCCART	731246.99	4052799.24	68.49	68.49
DISCCART	731245.97	4052798.02	68.54	68.54
DISCCART	731244.95	4052796.80	68.59	68.59
DISCCART	731243.92	4052795.58	68.64	68.64
DISCCART	731242.90	4052794.36	68.69	68.69
DISCCART	731241.87	4052793.14	68.74	68.74
DISCCART	731240.85	4052791.92	68.79	68.79
DISCCART	731239.82	4052790.70	68.84	68.84
DISCCART	731238.80	4052789.48	68.89	68.89
DISCCART	731237.78	4052788.26	68.94	68.94
DISCCART	731236.75	4052787.04	68.99	68.99
DISCCART	731235.73	4052785.82	69.04	69.04
DISCCART	731234.70	4052784.60	69.09	69.09
DISCCART	731233.68	4052783.38	69.14	69.14
DISCCART	731232.65	4052782.16	69.19	69.19
DISCCART	731231.63	4052780.94	69.24	69.24
DISCCART	731230.61	4052779.72	69.29	69.29
DISCCART	731229.58	4052778.50	69.34	69.34
DISCCART	731228.56	4052777.28	69.39	69.39
DISCCART	731227.53	4052776.06	69.44	69.44
DISCCART	731226.51	4052774.84	69.49	69.49
DISCCART	731225.48	4052773.62	69.54	69.54
DISCCART	731224.46	4052772.40	69.59	69.59
DISCCART	731223.43	4052771.18	69.64	69.64
DISCCART	731222.41	4052769.96	69.69	69.69
DISCCART	731221.39	4052768.74	69.74	69.74
DISCCART	731220.36	4052767.52	69.79	69.79
DISCCART	731219.34	4052766.30	69.84	69.84
DISCCART	731218.31	4052765.08	69.89	69.89
DISCCART	731217.29	4052763.86	69.94	69.94
DISCCART	731216.26	4052762.64	69.99	69.99
**DESCREC	"FENCEPRI"	"Cartesian plant boundary Primary Receptors"		
DISCCART	731989.89	4053830.29	64.42	64.42
DISCCART	732108.41	4053834.79	63.25	63.25

DISCCART	732102.96	4053963.08	63.14	63.14
DISCCART	733488.46	4054020.60	61.24	61.24
DISCCART	733508.70	4053885.13	61.34	61.34
DISCCART	733535.65	4053006.59	62.64	62.64
DISCCART	733514.28	4052920.63	62.84	62.84
DISCCART	732831.80	4052891.60	64.35	64.35
DISCCART	732813.81	4053250.67	63.34	63.34
DISCCART	732785.59	4053256.36	63.34	63.34
DISCCART	732021.24	4053223.41	65.04	65.04
DISCCART	732011.35	4053237.47	65.03	65.03
DISCCART	731987.64	4053809.79	64.51	64.51
**DESCREC	"FENCEINT"	"Cartesian plant boundary	Intermediate Receptors"	
DISCCART	732013.59	4053831.19	63.98	63.98
DISCCART	732037.30	4053832.09	63.64	63.64
DISCCART	732061.00	4053832.99	63.40	63.40
DISCCART	732084.71	4053833.89	63.34	63.34
DISCCART	732107.50	4053856.17	63.24	63.24
DISCCART	732106.59	4053877.55	63.24	63.24
DISCCART	732105.69	4053898.94	63.24	63.24
DISCCART	732104.78	4053920.32	63.19	63.19
DISCCART	732103.87	4053941.70	63.15	63.15
DISCCART	732127.70	4053964.11	63.14	63.14
DISCCART	732152.44	4053965.13	63.09	63.09
DISCCART	732177.18	4053966.16	63.04	63.04
DISCCART	732201.92	4053967.19	63.04	63.04
DISCCART	732226.67	4053968.22	63.03	63.03
DISCCART	732251.41	4053969.24	62.94	62.94
DISCCART	732276.15	4053970.27	62.94	62.94
DISCCART	732300.89	4053971.30	62.94	62.94
DISCCART	732325.63	4053972.32	62.84	62.84
DISCCART	732350.37	4053973.35	62.84	62.84
DISCCART	732375.11	4053974.38	62.82	62.82
DISCCART	732399.85	4053975.41	62.74	62.74
DISCCART	732424.59	4053976.43	62.74	62.74
DISCCART	732449.34	4053977.46	62.73	62.73
DISCCART	732474.08	4053978.49	62.64	62.64
DISCCART	732498.82	4053979.51	62.64	62.64
DISCCART	732523.56	4053980.54	62.64	62.64
DISCCART	732548.30	4053981.57	62.54	62.54
DISCCART	732573.04	4053982.60	62.54	62.54
DISCCART	732597.78	4053983.62	62.54	62.54
DISCCART	732622.52	4053984.65	62.53	62.53
DISCCART	732647.26	4053985.68	62.44	62.44
DISCCART	732672.00	4053986.70	62.44	62.44
DISCCART	732696.75	4053987.73	62.40	62.40
DISCCART	732721.49	4053988.76	62.34	62.34
DISCCART	732746.23	4053989.79	62.34	62.34
DISCCART	732770.97	4053990.81	62.26	62.26
DISCCART	732795.71	4053991.84	62.24	62.24
DISCCART	732820.45	4053992.87	62.24	62.24
DISCCART	732845.19	4053993.89	62.17	62.17
DISCCART	732869.93	4053994.92	62.14	62.14
DISCCART	732894.67	4053995.95	62.14	62.14
DISCCART	732919.42	4053996.98	62.05	62.05
DISCCART	732944.16	4053998.00	62.04	62.04
DISCCART	732968.90	4053999.03	62.02	62.02
DISCCART	732993.64	4054000.06	61.94	61.94
DISCCART	733018.38	4054001.08	61.94	61.94
DISCCART	733043.12	4054002.11	61.89	61.89
DISCCART	733067.86	4054003.14	61.84	61.84
DISCCART	733092.60	4054004.17	61.84	61.84
DISCCART	733117.34	4054005.19	61.75	61.75
DISCCART	733142.09	4054006.22	61.74	61.74
DISCCART	733166.83	4054007.25	61.74	61.74
DISCCART	733191.57	4054008.27	61.64	61.64
DISCCART	733216.31	4054009.30	61.64	61.64
DISCCART	733241.05	4054010.33	61.61	61.61
DISCCART	733265.79	4054011.36	61.54	61.54
DISCCART	733290.53	4054012.38	61.54	61.54
DISCCART	733315.27	4054013.41	61.46	61.46
DISCCART	733340.01	4054014.44	61.44	61.44
DISCCART	733364.75	4054015.46	61.44	61.44
DISCCART	733389.50	4054016.49	61.35	61.35
DISCCART	733414.24	4054017.52	61.34	61.34
DISCCART	733438.98	4054018.55	61.33	61.33
DISCCART	733463.72	4054019.57	61.26	61.26
DISCCART	733491.83	4053998.02	61.24	61.24
DISCCART	733495.21	4053975.44	61.26	61.26
DISCCART	733498.58	4053952.87	61.31	61.31
DISCCART	733501.95	4053930.29	61.34	61.34
DISCCART	733505.33	4053907.71	61.34	61.34
DISCCART	733509.45	4053860.73	61.34	61.34
DISCCART	733510.20	4053836.32	61.38	61.38
DISCCART	733510.95	4053811.92	61.44	61.44
DISCCART	733511.69	4053787.51	61.44	61.44
DISCCART	733512.44	4053763.11	61.45	61.45
DISCCART	733513.19	4053738.71	61.54	61.54
DISCCART	733513.94	4053714.30	61.54	61.54
DISCCART	733514.69	4053689.90	61.54	61.54
DISCCART	733515.44	4053665.50	61.56	61.56
DISCCART	733516.19	4053641.09	61.64	61.64
DISCCART	733516.93	4053616.69	61.64	61.64
DISCCART	733517.68	4053592.28	61.64	61.64
DISCCART	733518.43	4053567.88	61.74	61.74
DISCCART	733519.18	4053543.48	61.74	61.74
DISCCART	733519.93	4053519.07	61.74	61.74
DISCCART	733520.68	4053494.67	61.79	61.79
DISCCART	733521.43	4053470.26	61.84	61.84
DISCCART	733522.18	4053445.86	61.84	61.84
DISCCART	733522.92	4053421.46	61.94	61.94
DISCCART	733523.67	4053397.05	61.94	61.94
DISCCART	733524.42	4053372.65	62.03	62.03
DISCCART	733525.17	4053348.24	62.04	62.04
DISCCART	733525.92	4053323.84	62.11	62.11
DISCCART	733526.67	4053299.44	62.14	62.14
DISCCART	733527.42	4053275.03	62.16	62.16
DISCCART	733528.16	4053250.63	62.24	62.24
DISCCART	733528.91	4053226.22	62.24	62.24
DISCCART	733529.66	4053201.82	62.31	62.31
DISCCART	733530.41	4053177.42	62.34	62.34
DISCCART	733531.16	4053153.01	62.35	62.35
DISCCART	733531.91	4053128.61	62.44	62.44
DISCCART	733532.66	4053104.21	62.44	62.44
DISCCART	733533.40	4053079.80	62.54	62.54
DISCCART	733534.15	4053055.40	62.54	62.54
DISCCART	733534.90	4053030.99	62.64	62.64
DISCCART	733530.31	4052985.10	62.69	62.69

DISCCART	733524.97	4052963.61	62.74	62.74
DISCCART	733519.62	4052942.12	62.81	62.81
DISCCART	733489.91	4052919.59	62.84	62.84
DISCCART	733465.53	4052918.56	62.90	62.90
DISCCART	733441.16	4052917.52	62.94	62.94
DISCCART	733416.78	4052916.48	62.94	62.94
DISCCART	733392.41	4052915.45	62.97	62.97
DISCCART	733368.03	4052914.41	63.04	63.04
DISCCART	733343.66	4052913.37	63.04	63.04
DISCCART	733319.29	4052912.34	63.11	63.11
DISCCART	733294.91	4052911.30	63.14	63.14
DISCCART	733270.54	4052910.26	63.14	63.14
DISCCART	733246.16	4052909.23	63.24	63.24
DISCCART	733221.79	4052908.19	63.24	63.24
DISCCART	733197.41	4052907.15	63.29	63.29
DISCCART	733173.04	4052906.12	63.35	63.35
DISCCART	733148.67	4052905.08	63.43	63.43
DISCCART	733124.29	4052904.04	63.52	63.52
DISCCART	733099.92	4052903.00	63.60	63.60
DISCCART	733075.54	4052901.97	63.68	63.68
DISCCART	733051.17	4052900.93	63.74	63.74
DISCCART	733026.79	4052899.89	63.83	63.83
DISCCART	733002.42	4052898.86	63.89	63.89
DISCCART	732978.05	4052897.82	63.95	63.95
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DISCCART	732391.09	4053239.35	64.24	64.24
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DISCCART	732169.18	4053229.79	64.72	64.72
DISCCART	732144.52	4053228.72	64.75	64.75
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DISCCART	731992.79	4053685.37	64.67	64.67
DISCCART	731991.76	4053710.26	64.64	64.64
DISCCART	731990.73	4053735.14	64.59	64.59
DISCCART	731989.70	4053760.02	64.60	64.60
DISCCART	731988.67	4053784.91	64.52	64.52
** DESCREC	"FENCEPRI" "Cartesian plant boundary Primary Receptors"			
DISCCART	731618.98	4052754.41	67.23	67.23
DISCCART	731970.56	4052769.07	66.44	66.44
DISCCART	731984.67	4052430.30	67.94	67.94
DISCCART	731630.89	4052415.47	67.94	67.94
DISCCART	731622.73	4052615.08	67.78	67.78
DISCCART	731617.25	4052630.86	67.74	67.74
DISCCART	731615.97	4052668.93	67.55	67.55
DISCCART	731621.54	4052690.04	67.46	67.46
** DESCREC	"FENCEINT" "Cartesian plant boundary Intermediate Receptors"			
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731806.49	4052762.23	66.74	66.74
DISCCART	731829.93	4052763.21	66.70	66.70
DISCCART	731853.37	4052764.18	66.63	66.63
DISCCART	731876.81	4052765.16	66.56	66.56


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DISCCART 731923.68 4052767.12 66.41 66.41
DISCCART 731947.12 4052768.09 66.34 66.34
DISCCART 731971.57 4052744.87 66.44 66.44
DISCCART 731972.58 4052720.67 66.44 66.44
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DISCCART 731975.60 4052648.08 66.45 66.45
DISCCART 731976.61 4052623.88 66.46 66.46
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DISCCART 731978.62 4052575.49 66.58 66.58
DISCCART 731979.63 4052551.29 66.67 66.67
DISCCART 731980.64 4052527.09 66.82 66.82
DISCCART 731981.65 4052502.89 67.11 67.11
DISCCART 731982.65 4052478.70 67.58 67.58
DISCCART 731983.66 4052454.50 67.77 67.77
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DISCCART 731937.50 4052428.32 67.89 67.89
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DISCCART 731843.16 4052424.37 67.94 67.94
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DISCCART 731772.40 4052421.40 67.94 67.94
DISCCART 731748.82 4052420.41 67.94 67.94
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RE FINISHED
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** AERMOD Meteorology Pathway
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PROFFILE Lemoore_2012-2016_PFL
SURFDATA 23110 2012
UAIRDATA 23230 2012 OAKLAND/WSO_AP
PROFBASE 72.0 METERS
ME FINISHED
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** AERMOD Output Pathway
*****
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RECTABLE 1 1ST
RECTABLE 3 1ST
RECTABLE 8 1ST
RECTABLE 24 1ST
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PLOTFILE 3 ALL 1ST LVS_UNIT_ST_0700-1600.AD\03HIGALL.PLT 32
PLOTFILE 8 ALL 1ST LVS_UNIT_ST_0700-1600.AD\08HIGALL.PLT 33
PLOTFILE 24 ALL 1ST LVS_UNIT_ST_0700-1600.AD\24HIGALL.PLT 34
PLOTFILE PERIOD ALL LVS_UNIT_ST_0700-1600.AD\PE00GALL.PLT 35
SUMMFILE LVS_UNIT_ST_0700-1600.sum
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** Project Parameters
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** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 9.8.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 6/30/2020
** FILE: C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR\AERMOD\LVS_UNIT_ST_0700-1600.ADI
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** AERMOD CONTROL PATHWAY
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CO STARTING
TITLEONE C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR
MODELOPT DFAULT CONC
AVERTIME 1 3 8 24 PERIOD
POLLUTID OTHER
RUNORNOT RUN
ERRORFIL LVS_UNIT_ST_0700-1600.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
LOCATION AREAL AREA 732835.014 4052897.482 63.000
** SOURCE PARAMETERS **
SRCPARAM AREAL 2.0592E-06 5.000 696.870 696.870 -2.000 1.000

** VARIABLE EMISSIONS TYPE: "BY HOUR-OF-DAY (HROFDY)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 2"
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EMISFACT AREAL HROFDY 0.0 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT AREAL HROFDY 1.0 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
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** AERMOD RECEPTOR PATHWAY
*****
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RE STARTING
** DESCRREC "RISK" *RECEPTORS GENERATED FROM RISK GRID*
DISCCART 730871.38 4052331.50 69.77 69.77
DISCCART 730871.38 4052356.50 69.61 69.61
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DISCCART 730871.38 4052631.50 69.14 69.14
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DISCCART	730871.38	4055181.50	64.94	64.94
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DISCCART	730896.38	4053306.50	67.15	67.15
DISCCART	730896.38	4053331.50	67.13	67.13
DISCCART	730896.38	4053356.50	67.04	67.04
DISCCART	730896.38	4053381.50	66.96	66.96
DISCCART	730896.38	4053406.50	66.94	66.94
DISCCART	730896.38	4053431.50	66.84	66.84
DISCCART	730896.38	4053456.50	66.80	66.80
DISCCART	730896.38	4053481.50	66.74	66.74
DISCCART	730896.38	4053506.50	66.65	66.65
DISCCART	730896.38	4053531.50	66.63	66.63
DISCCART	730896.38	4053556.50	66.55	66.55
DISCCART	730896.38	4053581.50	66.52	66.52
DISCCART	730896.38	4053606.50	66.44	66.44
DISCCART	730896.38	4053631.50	66.38	66.38
DISCCART	730896.38	4053656.50	66.34	66.34
DISCCART	730896.38	4053681.50	66.33	66.33
DISCCART	730896.38	4053706.50	66.25	66.25
DISCCART	730896.38	4053731.50	66.24	66.24
DISCCART	730896.38	4053756.50	66.20	66.20

DISCCART	730896.38	4053781.50	66.14	66.14
DISCCART	730896.38	4053806.50	66.14	66.14
DISCCART	730896.38	4053831.50	66.04	66.04
DISCCART	730896.38	4053856.50	66.04	66.04
DISCCART	730896.38	4053881.50	66.02	66.02
DISCCART	730896.38	4053906.50	65.95	65.95
DISCCART	730896.38	4053931.50	65.94	65.94
DISCCART	730896.38	4053956.50	65.91	65.91
DISCCART	730896.38	4053981.50	65.84	65.84
DISCCART	730896.38	4054006.50	65.81	65.81
DISCCART	730896.38	4054031.50	65.74	65.74
DISCCART	730896.38	4054056.50	65.74	65.74
DISCCART	730896.38	4054081.50	65.74	65.74
DISCCART	730896.38	4054106.50	65.70	65.70
DISCCART	730896.38	4054131.50	65.64	65.64
DISCCART	730896.38	4054156.50	65.64	65.64
DISCCART	730896.38	4054181.50	65.54	65.54
DISCCART	730896.38	4054206.50	65.54	65.54
DISCCART	730896.38	4054231.50	65.54	65.54
DISCCART	730896.38	4054256.50	65.52	65.52
DISCCART	730896.38	4054281.50	65.45	65.45
DISCCART	730896.38	4054306.50	65.44	65.44
DISCCART	730896.38	4054331.50	65.44	65.44
DISCCART	730896.38	4054356.50	65.44	65.44
DISCCART	730896.38	4054381.50	65.41	65.41
DISCCART	730896.38	4054406.50	65.36	65.36
DISCCART	730896.38	4054431.50	65.35	65.35
DISCCART	730896.38	4054456.50	65.34	65.34
DISCCART	730896.38	4054481.50	65.34	65.34
DISCCART	730896.38	4054506.50	65.34	65.34
DISCCART	730896.38	4054531.50	65.34	65.34
DISCCART	730896.38	4054556.50	65.34	65.34
DISCCART	730896.38	4054581.50	65.34	65.34
DISCCART	730896.38	4054606.50	65.24	65.24
DISCCART	730896.38	4054631.50	65.24	65.24
DISCCART	730896.38	4054656.50	65.24	65.24
DISCCART	730896.38	4054681.50	65.14	65.14
DISCCART	730896.38	4054706.50	65.14	65.14
DISCCART	730896.38	4054731.50	65.04	65.04
DISCCART	730896.38	4054756.50	65.00	65.00
DISCCART	730896.38	4054781.50	64.94	64.94
DISCCART	730896.38	4054806.50	64.90	64.90
DISCCART	730896.38	4054831.50	64.84	64.84
DISCCART	730896.38	4054856.50	64.77	64.77
DISCCART	730896.38	4054881.50	64.74	64.74
DISCCART	730896.38	4054906.50	64.74	64.74
DISCCART	730896.38	4054931.50	64.74	64.74
DISCCART	730896.38	4054956.50	64.74	64.74
DISCCART	730896.38	4054981.50	64.75	64.75
DISCCART	730896.38	4055006.50	64.76	64.76
DISCCART	730896.38	4055031.50	64.79	64.79
DISCCART	730896.38	4055056.50	64.82	64.82
DISCCART	730896.38	4055081.50	64.84	64.84
DISCCART	730896.38	4055106.50	64.84	64.84
DISCCART	730896.38	4055131.50	64.84	64.84
DISCCART	730896.38	4055156.50	64.84	64.84
DISCCART	730896.38	4055181.50	64.84	64.84
DISCCART	730896.38	4055206.50	64.85	64.85
DISCCART	730896.38	4055231.50	64.85	64.85
DISCCART	730896.38	4055256.50	64.92	64.92
DISCCART	730896.38	4055281.50	64.92	64.92
DISCCART	730896.38	4055306.50	64.94	64.94
DISCCART	730896.38	4055331.50	64.95	64.95
DISCCART	730921.38	4052331.50	69.74	69.74
DISCCART	730921.38	4052356.50	69.62	69.62
DISCCART	730921.38	4052381.50	69.48	69.48
DISCCART	730921.38	4052406.50	69.44	69.44
DISCCART	730921.38	4052431.50	69.44	69.44
DISCCART	730921.38	4052456.50	69.44	69.44
DISCCART	730921.38	4052481.50	69.44	69.44
DISCCART	730921.38	4052506.50	69.44	69.44
DISCCART	730921.38	4052531.50	69.36	69.36
DISCCART	730921.38	4052556.50	69.28	69.28
DISCCART	730921.38	4052581.50	69.20	69.20
DISCCART	730921.38	4052606.50	69.12	69.12
DISCCART	730921.38	4052631.50	69.04	69.04
DISCCART	730921.38	4052656.50	68.95	68.95
DISCCART	730921.38	4052681.50	68.85	68.85
DISCCART	730921.38	4052706.50	68.77	68.77
DISCCART	730921.38	4052731.50	68.70	68.70
DISCCART	730921.38	4052756.50	68.63	68.63
DISCCART	730921.38	4052781.50	68.54	68.54
DISCCART	730921.38	4052806.50	68.44	68.44
DISCCART	730921.38	4052831.50	68.36	68.36
DISCCART	730921.38	4052856.50	68.31	68.31
DISCCART	730921.38	4052881.50	68.24	68.24
DISCCART	730921.38	4052906.50	68.15	68.15
DISCCART	730921.38	4052931.50	68.06	68.06
DISCCART	730921.38	4052956.50	68.02	68.02
DISCCART	730921.38	4052981.50	67.94	67.94
DISCCART	730921.38	4053006.50	67.84	67.84
DISCCART	730921.38	4053031.50	67.80	67.80
DISCCART	730921.38	4053056.50	67.74	67.74
DISCCART	730921.38	4053081.50	67.64	67.64
DISCCART	730921.38	4053106.50	67.58	67.58
DISCCART	730921.38	4053131.50	67.54	67.54
DISCCART	730921.38	4053156.50	67.44	67.44
DISCCART	730921.38	4053181.50	67.43	67.43
DISCCART	730921.38	4053206.50	67.34	67.34
DISCCART	730921.38	4053231.50	67.30	67.30
DISCCART	730921.38	4053256.50	67.24	67.24
DISCCART	730921.38	4053281.50	67.15	67.15
DISCCART	730921.38	4053306.50	67.12	67.12
DISCCART	730921.38	4053331.50	67.04	67.04
DISCCART	730921.38	4053356.50	66.97	66.97
DISCCART	730921.38	4053381.50	66.94	66.94
DISCCART	730921.38	4053406.50	66.84	66.84
DISCCART	730921.38	4053431.50	66.80	66.80
DISCCART	730921.38	4053456.50	66.74	66.74
DISCCART	730921.38	4053481.50	66.66	66.66
DISCCART	730921.38	4053506.50	66.63	66.63
DISCCART	730921.38	4053531.50	66.54	66.54
DISCCART	730921.38	4053556.50	66.53	66.53
DISCCART	730921.38	4053581.50	66.44	66.44
DISCCART	730921.38	4053606.50	66.37	66.37
DISCCART	730921.38	4053631.50	66.34	66.34
DISCCART	730921.38	4053656.50	66.32	66.32

DISCCART	730921.38	4053681.50	66.24	66.24
DISCCART	730921.38	4053706.50	66.24	66.24
DISCCART	730921.38	4053731.50	66.15	66.15
DISCCART	730921.38	4053756.50	66.14	66.14
DISCCART	730921.38	4053781.50	66.14	66.14
DISCCART	730921.38	4053806.50	66.04	66.04
DISCCART	730921.38	4053831.50	66.04	66.04
DISCCART	730921.38	4053856.50	65.97	65.97
DISCCART	730921.38	4053881.50	65.94	65.94
DISCCART	730921.38	4053906.50	65.94	65.94
DISCCART	730921.38	4053931.50	65.90	65.90
DISCCART	730921.38	4053956.50	65.84	65.84
DISCCART	730921.38	4053981.50	65.84	65.84
DISCCART	730921.38	4054006.50	65.75	65.75
DISCCART	730921.38	4054031.50	65.72	65.72
DISCCART	730921.38	4054056.50	65.70	65.70
DISCCART	730921.38	4054081.50	65.64	65.64
DISCCART	730921.38	4054106.50	65.64	65.64
DISCCART	730921.38	4054131.50	65.60	65.60
DISCCART	730921.38	4054156.50	65.54	65.54
DISCCART	730921.38	4054181.50	65.48	65.48
DISCCART	730921.38	4054206.50	65.47	65.47
DISCCART	730921.38	4054231.50	65.44	65.44
DISCCART	730921.38	4054256.50	65.44	65.44
DISCCART	730921.38	4054281.50	65.44	65.44
DISCCART	730921.38	4054306.50	65.43	65.43
DISCCART	730921.38	4054331.50	65.36	65.36
DISCCART	730921.38	4054356.50	65.34	65.34
DISCCART	730921.38	4054381.50	65.34	65.34
DISCCART	730921.38	4054406.50	65.34	65.34
DISCCART	730921.38	4054431.50	65.34	65.34
DISCCART	730921.38	4054456.50	65.34	65.34
DISCCART	730921.38	4054481.50	65.34	65.34
DISCCART	730921.38	4054506.50	65.34	65.34
DISCCART	730921.38	4054531.50	65.34	65.34
DISCCART	730921.38	4054556.50	65.28	65.28
DISCCART	730921.38	4054581.50	65.26	65.26
DISCCART	730921.38	4054606.50	65.24	65.24
DISCCART	730921.38	4054631.50	65.24	65.24
DISCCART	730921.38	4054656.50	65.23	65.23
DISCCART	730921.38	4054681.50	65.14	65.14
DISCCART	730921.38	4054706.50	65.14	65.14
DISCCART	730921.38	4054731.50	65.04	65.04
DISCCART	730921.38	4054756.50	65.00	65.00
DISCCART	730921.38	4054781.50	64.94	64.94
DISCCART	730921.38	4054806.50	64.90	64.90
DISCCART	730921.38	4054831.50	64.84	64.84
DISCCART	730921.38	4054856.50	64.75	64.75
DISCCART	730921.38	4054881.50	64.74	64.74
DISCCART	730921.38	4054906.50	64.74	64.74
DISCCART	730921.38	4054931.50	64.74	64.74
DISCCART	730921.38	4054956.50	64.74	64.74
DISCCART	730921.38	4054981.50	64.74	64.74
DISCCART	730921.38	4055006.50	64.74	64.74
DISCCART	730921.38	4055031.50	64.74	64.74
DISCCART	730921.38	4055056.50	64.74	64.74
DISCCART	730921.38	4055081.50	64.74	64.74
DISCCART	730921.38	4055106.50	64.74	64.74
DISCCART	730921.38	4055131.50	64.78	64.78
DISCCART	730921.38	4055156.50	64.78	64.78
DISCCART	730921.38	4055181.50	64.83	64.83
DISCCART	730921.38	4055206.50	64.84	64.84
DISCCART	730921.38	4055231.50	64.84	64.84
DISCCART	730921.38	4055256.50	64.84	64.84
DISCCART	730921.38	4055281.50	64.84	64.84
DISCCART	730921.38	4055306.50	64.84	64.84
DISCCART	730921.38	4055331.50	64.89	64.89
DISCCART	730946.38	4052331.50	69.74	69.74
DISCCART	730946.38	4052356.50	69.62	69.62
DISCCART	730946.38	4052381.50	69.48	69.48
DISCCART	730946.38	4052406.50	69.44	69.44
DISCCART	730946.38	4052431.50	69.44	69.44
DISCCART	730946.38	4052456.50	69.44	69.44
DISCCART	730946.38	4052481.50	69.44	69.44
DISCCART	730946.38	4052506.50	69.41	69.41
DISCCART	730946.38	4052531.50	69.34	69.34
DISCCART	730946.38	4052556.50	69.25	69.25
DISCCART	730946.38	4052581.50	69.15	69.15
DISCCART	730946.38	4052606.50	69.06	69.06
DISCCART	730946.38	4052631.50	68.97	68.97
DISCCART	730946.38	4052656.50	68.92	68.92
DISCCART	730946.38	4052681.50	68.83	68.83
DISCCART	730946.38	4052706.50	68.74	68.74
DISCCART	730946.38	4052731.50	68.64	68.64
DISCCART	730946.38	4052756.50	68.54	68.54
DISCCART	730946.38	4052781.50	68.48	68.48
DISCCART	730946.38	4052806.50	68.42	68.42
DISCCART	730946.38	4052831.50	68.33	68.33
DISCCART	730946.38	4052856.50	68.24	68.24
DISCCART	730946.38	4052881.50	68.17	68.17
DISCCART	730946.38	4052906.50	68.10	68.10
DISCCART	730946.38	4052931.50	68.04	68.04
DISCCART	730946.38	4052956.50	67.95	67.95
DISCCART	730946.38	4052981.50	67.87	67.87
DISCCART	730946.38	4053006.50	67.84	67.84
DISCCART	730946.38	4053031.50	67.74	67.74
DISCCART	730946.38	4053056.50	67.65	67.65
DISCCART	730946.38	4053081.50	67.63	67.63
DISCCART	730946.38	4053106.50	67.54	67.54
DISCCART	730946.38	4053131.50	67.48	67.48
DISCCART	730946.38	4053156.50	67.44	67.44
DISCCART	730946.38	4053181.50	67.35	67.35
DISCCART	730946.38	4053206.50	67.30	67.30
DISCCART	730946.38	4053231.50	67.24	67.24
DISCCART	730946.38	4053256.50	67.16	67.16
DISCCART	730946.38	4053281.50	67.13	67.13
DISCCART	730946.38	4053306.50	67.04	67.04
DISCCART	730946.38	4053331.50	66.96	66.96
DISCCART	730946.38	4053356.50	66.94	66.94
DISCCART	730946.38	4053381.50	66.84	66.84
DISCCART	730946.38	4053406.50	66.80	66.80
DISCCART	730946.38	4053431.50	66.74	66.74
DISCCART	730946.38	4053456.50	66.65	66.65
DISCCART	730946.38	4053481.50	66.62	66.62
DISCCART	730946.38	4053506.50	66.54	66.54
DISCCART	730946.38	4053531.50	66.52	66.52
DISCCART	730946.38	4053556.50	66.44	66.44

DISCCART	730946.38	4053581.50	66.38	66.38
DISCCART	730946.38	4053606.50	66.34	66.34
DISCCART	730946.38	4053631.50	66.33	66.33
DISCCART	730946.38	4053656.50	66.24	66.24
DISCCART	730946.38	4053681.50	66.24	66.24
DISCCART	730946.38	4053706.50	66.15	66.15
DISCCART	730946.38	4053731.50	66.14	66.14
DISCCART	730946.38	4053756.50	66.10	66.10
DISCCART	730946.38	4053781.50	66.04	66.04
DISCCART	730946.38	4053806.50	66.04	66.04
DISCCART	730946.38	4053831.50	65.98	65.98
DISCCART	730946.38	4053856.50	65.94	65.94
DISCCART	730946.38	4053881.50	65.88	65.88
DISCCART	730946.38	4053906.50	65.85	65.85
DISCCART	730946.38	4053931.50	65.84	65.84
DISCCART	730946.38	4053956.50	65.83	65.83
DISCCART	730946.38	4053981.50	65.74	65.74
DISCCART	730946.38	4054006.50	65.70	65.70
DISCCART	730946.38	4054031.50	65.64	65.64
DISCCART	730946.38	4054056.50	65.64	65.64
DISCCART	730946.38	4054081.50	65.62	65.62
DISCCART	730946.38	4054106.50	65.56	65.56
DISCCART	730946.38	4054131.50	65.54	65.54
DISCCART	730946.38	4054156.50	65.44	65.44
DISCCART	730946.38	4054181.50	65.44	65.44
DISCCART	730946.38	4054206.50	65.44	65.44
DISCCART	730946.38	4054231.50	65.42	65.42
DISCCART	730946.38	4054256.50	65.35	65.35
DISCCART	730946.38	4054281.50	65.34	65.34
DISCCART	730946.38	4054306.50	65.34	65.34
DISCCART	730946.38	4054331.50	65.34	65.34
DISCCART	730946.38	4054356.50	65.34	65.34
DISCCART	730946.38	4054381.50	65.32	65.32
DISCCART	730946.38	4054406.50	65.30	65.30
DISCCART	730946.38	4054431.50	65.26	65.26
DISCCART	730946.38	4054456.50	65.25	65.25
DISCCART	730946.38	4054481.50	65.24	65.24
DISCCART	730946.38	4054506.50	65.24	65.24
DISCCART	730946.38	4054531.50	65.24	65.24
DISCCART	730946.38	4054556.50	65.24	65.24
DISCCART	730946.38	4054581.50	65.24	65.24
DISCCART	730946.38	4054606.50	65.24	65.24
DISCCART	730946.38	4054631.50	65.24	65.24
DISCCART	730946.38	4054656.50	65.20	65.20
DISCCART	730946.38	4054681.50	65.14	65.14
DISCCART	730946.38	4054706.50	65.14	65.14
DISCCART	730946.38	4054731.50	65.04	65.04
DISCCART	730946.38	4054756.50	65.00	65.00
DISCCART	730946.38	4054781.50	64.94	64.94
DISCCART	730946.38	4054806.50	64.91	64.91
DISCCART	730946.38	4054831.50	64.84	64.84
DISCCART	730946.38	4054856.50	64.75	64.75
DISCCART	730946.38	4054881.50	64.67	64.67
DISCCART	730946.38	4054906.50	64.64	64.64
DISCCART	730946.38	4054931.50	64.64	64.64
DISCCART	730946.38	4054956.50	64.64	64.64
DISCCART	730946.38	4054981.50	64.66	64.66
DISCCART	730946.38	4055006.50	64.67	64.67
DISCCART	730946.38	4055031.50	64.72	64.72
DISCCART	730946.38	4055056.50	64.74	64.74
DISCCART	730946.38	4055081.50	64.74	64.74
DISCCART	730946.38	4055106.50	64.74	64.74
DISCCART	730946.38	4055131.50	64.74	64.74
DISCCART	730946.38	4055156.50	64.74	64.74
DISCCART	730946.38	4055181.50	64.74	64.74
DISCCART	730946.38	4055206.50	64.74	64.74
DISCCART	730946.38	4055231.50	64.75	64.75
DISCCART	730946.38	4055256.50	64.75	64.75
DISCCART	730946.38	4055281.50	64.82	64.82
DISCCART	730946.38	4055306.50	64.82	64.82
DISCCART	730946.38	4055331.50	64.84	64.84
DISCCART	730971.38	4052331.50	69.74	69.74
DISCCART	730971.38	4052356.50	69.62	69.62
DISCCART	730971.38	4052381.50	69.48	69.48
DISCCART	730971.38	4052406.50	69.44	69.44
DISCCART	730971.38	4052431.50	69.44	69.44
DISCCART	730971.38	4052456.50	69.44	69.44
DISCCART	730971.38	4052481.50	69.44	69.44
DISCCART	730971.38	4052506.50	69.36	69.36
DISCCART	730971.38	4052531.50	69.27	69.27
DISCCART	730971.38	4052556.50	69.20	69.20
DISCCART	730971.38	4052581.50	69.14	69.14
DISCCART	730971.38	4052606.50	69.04	69.04
DISCCART	730971.38	4052631.50	68.94	68.94
DISCCART	730971.38	4052656.50	68.84	68.84
DISCCART	730971.38	4052681.50	68.75	68.75
DISCCART	730971.38	4052706.50	68.67	68.67
DISCCART	730971.38	4052731.50	68.60	68.60
DISCCART	730971.38	4052756.50	68.53	68.53
DISCCART	730971.38	4052781.50	68.44	68.44
DISCCART	730971.38	4052806.50	68.35	68.35
DISCCART	730971.38	4052831.50	68.28	68.28
DISCCART	730971.38	4052856.50	68.20	68.20
DISCCART	730971.38	4052881.50	68.14	68.14
DISCCART	730971.38	4052906.50	68.05	68.05
DISCCART	730971.38	4052931.50	67.97	67.97
DISCCART	730971.38	4052956.50	67.92	67.92
DISCCART	730971.38	4052981.50	67.84	67.84
DISCCART	730971.38	4053006.50	67.74	67.74
DISCCART	730971.38	4053031.50	67.70	67.70
DISCCART	730971.38	4053056.50	67.64	67.64
DISCCART	730971.38	4053081.50	67.56	67.56
DISCCART	730971.38	4053106.50	67.52	67.52
DISCCART	730971.38	4053131.50	67.44	67.44
DISCCART	730971.38	4053156.50	67.34	67.34
DISCCART	730971.38	4053181.50	67.30	67.30
DISCCART	730971.38	4053206.50	67.24	67.24
DISCCART	730971.38	4053231.50	67.16	67.16
DISCCART	730971.38	4053256.50	67.12	67.12
DISCCART	730971.38	4053281.50	67.05	67.05
DISCCART	730971.38	4053306.50	66.97	66.97
DISCCART	730971.38	4053331.50	66.94	66.94
DISCCART	730971.38	4053356.50	66.84	66.84
DISCCART	730971.38	4053381.50	66.84	66.84
DISCCART	730971.38	4053406.50	66.74	66.74
DISCCART	730971.38	4053431.50	66.70	66.70
DISCCART	730971.38	4053456.50	66.64	66.64

DISCCART	730971.38	4053481.50	66.56	66.56
DISCCART	730971.38	4053506.50	66.53	66.53
DISCCART	730971.38	4053531.50	66.44	66.44
DISCCART	730971.38	4053556.50	66.37	66.37
DISCCART	730971.38	4053581.50	66.34	66.34
DISCCART	730971.38	4053606.50	66.32	66.32
DISCCART	730971.38	4053631.50	66.24	66.24
DISCCART	730971.38	4053656.50	66.24	66.24
DISCCART	730971.38	4053681.50	66.15	66.15
DISCCART	730971.38	4053706.50	66.14	66.14
DISCCART	730971.38	4053731.50	66.10	66.10
DISCCART	730971.38	4053756.50	66.04	66.04
DISCCART	730971.38	4053781.50	66.00	66.00
DISCCART	730971.38	4053806.50	65.98	65.98
DISCCART	730971.38	4053831.50	65.94	65.94
DISCCART	730971.38	4053856.50	65.87	65.87
DISCCART	730971.38	4053881.50	65.84	65.84
DISCCART	730971.38	4053906.50	65.81	65.81
DISCCART	730971.38	4053931.50	65.80	65.80
DISCCART	730971.38	4053956.50	65.74	65.74
DISCCART	730971.38	4053981.50	65.74	65.74
DISCCART	730971.38	4054006.50	65.63	65.63
DISCCART	730971.38	4054031.50	65.58	65.58
DISCCART	730971.38	4054056.50	65.55	65.55
DISCCART	730971.38	4054081.50	65.54	65.54
DISCCART	730971.38	4054106.50	65.52	65.52
DISCCART	730971.38	4054131.50	65.48	65.48
DISCCART	730971.38	4054156.50	65.44	65.44
DISCCART	730971.38	4054181.50	65.44	65.44
DISCCART	730971.38	4054206.50	65.34	65.34
DISCCART	730971.38	4054231.50	65.34	65.34
DISCCART	730971.38	4054256.50	65.34	65.34
DISCCART	730971.38	4054281.50	65.34	65.34
DISCCART	730971.38	4054306.50	65.32	65.32
DISCCART	730971.38	4054331.50	65.29	65.29
DISCCART	730971.38	4054356.50	65.25	65.25
DISCCART	730971.38	4054381.50	65.24	65.24
DISCCART	730971.38	4054406.50	65.24	65.24
DISCCART	730971.38	4054431.50	65.24	65.24
DISCCART	730971.38	4054456.50	65.24	65.24
DISCCART	730971.38	4054481.50	65.24	65.24
DISCCART	730971.38	4054506.50	65.24	65.24
DISCCART	730971.38	4054531.50	65.24	65.24
DISCCART	730971.38	4054556.50	65.24	65.24
DISCCART	730971.38	4054581.50	65.21	65.21
DISCCART	730971.38	4054606.50	65.19	65.19
DISCCART	730971.38	4054631.50	65.16	65.16
DISCCART	730971.38	4054656.50	65.14	65.14
DISCCART	730971.38	4054681.50	65.14	65.14
DISCCART	730971.38	4054706.50	65.14	65.14
DISCCART	730971.38	4054731.50	65.04	65.04
DISCCART	730971.38	4054756.50	65.00	65.00
DISCCART	730971.38	4054781.50	64.94	64.94
DISCCART	730971.38	4054806.50	64.91	64.91
DISCCART	730971.38	4054831.50	64.84	64.84
DISCCART	730971.38	4054856.50	64.74	64.74
DISCCART	730971.38	4054881.50	64.68	64.68
DISCCART	730971.38	4054906.50	64.64	64.64
DISCCART	730971.38	4054931.50	64.64	64.64
DISCCART	730971.38	4054956.50	64.64	64.64
DISCCART	730971.38	4054981.50	64.64	64.64
DISCCART	730971.38	4055006.50	64.64	64.64
DISCCART	730971.38	4055031.50	64.64	64.64
DISCCART	730971.38	4055056.50	64.64	64.64
DISCCART	730971.38	4055081.50	64.64	64.64
DISCCART	730971.38	4055106.50	64.68	64.68
DISCCART	730971.38	4055131.50	64.68	64.68
DISCCART	730971.38	4055156.50	64.68	64.68
DISCCART	730971.38	4055181.50	64.74	64.74
DISCCART	730971.38	4055206.50	64.74	64.74
DISCCART	730971.38	4055231.50	64.74	64.74
DISCCART	730971.38	4055256.50	64.74	64.74
DISCCART	730971.38	4055281.50	64.74	64.74
DISCCART	730971.38	4055306.50	64.74	64.74
DISCCART	730971.38	4055331.50	64.77	64.77
DISCCART	730996.38	4052331.50	69.74	69.74
DISCCART	730996.38	4052356.50	69.62	69.62
DISCCART	730996.38	4052381.50	69.48	69.48
DISCCART	730996.38	4052406.50	69.44	69.44
DISCCART	730996.38	4052431.50	69.44	69.44
DISCCART	730996.38	4052456.50	69.44	69.44
DISCCART	730996.38	4052481.50	69.42	69.42
DISCCART	730996.38	4052506.50	69.34	69.34
DISCCART	730996.38	4052531.50	69.24	69.24
DISCCART	730996.38	4052556.50	69.15	69.15
DISCCART	730996.38	4052581.50	69.06	69.06
DISCCART	730996.38	4052606.50	69.00	69.00
DISCCART	730996.38	4052631.50	68.88	68.88
DISCCART	730996.38	4052656.50	68.83	68.83
DISCCART	730996.38	4052681.50	68.73	68.73
DISCCART	730996.38	4052706.50	68.64	68.64
DISCCART	730996.38	4052731.50	68.54	68.54
DISCCART	730996.38	4052756.50	68.45	68.45
DISCCART	730996.38	4052781.50	68.39	68.39
DISCCART	730996.38	4052806.50	68.31	68.31
DISCCART	730996.38	4052831.50	68.24	68.24
DISCCART	730996.38	4052856.50	68.15	68.15
DISCCART	730996.38	4052881.50	68.06	68.06
DISCCART	730996.38	4052906.50	68.00	68.00
DISCCART	730996.38	4052931.50	67.94	67.94
DISCCART	730996.38	4052956.50	67.85	67.85
DISCCART	730996.38	4052981.50	67.77	67.77
DISCCART	730996.38	4053006.50	67.74	67.74
DISCCART	730996.38	4053031.50	67.64	67.64
DISCCART	730996.38	4053056.50	67.55	67.55
DISCCART	730996.38	4053081.50	67.53	67.53
DISCCART	730996.38	4053106.50	67.44	67.44
DISCCART	730996.38	4053131.50	67.38	67.38
DISCCART	730996.38	4053156.50	67.34	67.34
DISCCART	730996.38	4053181.50	67.25	67.25
DISCCART	730996.38	4053206.50	67.20	67.20
DISCCART	730996.38	4053231.50	67.14	67.14
DISCCART	730996.38	4053256.50	67.06	67.06
DISCCART	730996.38	4053281.50	67.03	67.03
DISCCART	730996.38	4053306.50	66.94	66.94
DISCCART	730996.38	4053331.50	66.86	66.86
DISCCART	730996.38	4053356.50	66.84	66.84

DISCCART	730996.38	4053381.50	66.74	66.74
DISCCART	730996.38	4053406.50	66.71	66.71
DISCCART	730996.38	4053431.50	66.64	66.64
DISCCART	730996.38	4053456.50	66.55	66.55
DISCCART	730996.38	4053481.50	66.52	66.52
DISCCART	730996.38	4053506.50	66.44	66.44
DISCCART	730996.38	4053531.50	66.38	66.38
DISCCART	730996.38	4053556.50	66.34	66.34
DISCCART	730996.38	4053581.50	66.33	66.33
DISCCART	730996.38	4053606.50	66.24	66.24
DISCCART	730996.38	4053631.50	66.24	66.24
DISCCART	730996.38	4053656.50	66.15	66.15
DISCCART	730996.38	4053681.50	66.14	66.14
DISCCART	730996.38	4053706.50	66.12	66.12
DISCCART	730996.38	4053731.50	66.04	66.04
DISCCART	730996.38	4053756.50	66.04	66.04
DISCCART	730996.38	4053781.50	65.94	65.94
DISCCART	730996.38	4053806.50	65.94	65.94
DISCCART	730996.38	4053831.50	65.88	65.88
DISCCART	730996.38	4053856.50	65.84	65.84
DISCCART	730996.38	4053881.50	65.79	65.79
DISCCART	730996.38	4053906.50	65.74	65.74
DISCCART	730996.38	4053931.50	65.74	65.74
DISCCART	730996.38	4053956.50	65.70	65.70
DISCCART	730996.38	4053981.50	65.64	65.64
DISCCART	730996.38	4054006.50	65.59	65.59
DISCCART	730996.38	4054031.50	65.54	65.54
DISCCART	730996.38	4054056.50	65.52	65.52
DISCCART	730996.38	4054081.50	65.46	65.46
DISCCART	730996.38	4054106.50	65.44	65.44
DISCCART	730996.38	4054131.50	65.35	65.35
DISCCART	730996.38	4054156.50	65.34	65.34
DISCCART	730996.38	4054181.50	65.34	65.34
DISCCART	730996.38	4054206.50	65.34	65.34
DISCCART	730996.38	4054231.50	65.28	65.28
DISCCART	730996.38	4054256.50	65.25	65.25
DISCCART	730996.38	4054281.50	65.24	65.24
DISCCART	730996.38	4054306.50	65.24	65.24
DISCCART	730996.38	4054331.50	65.24	65.24
DISCCART	730996.38	4054356.50	65.24	65.24
DISCCART	730996.38	4054381.50	65.22	65.22
DISCCART	730996.38	4054406.50	65.22	65.22
DISCCART	730996.38	4054431.50	65.17	65.17
DISCCART	730996.38	4054456.50	65.16	65.16
DISCCART	730996.38	4054481.50	65.16	65.16
DISCCART	730996.38	4054506.50	65.15	65.15
DISCCART	730996.38	4054531.50	65.15	65.15
DISCCART	730996.38	4054556.50	65.14	65.14
DISCCART	730996.38	4054581.50	65.14	65.14
DISCCART	730996.38	4054606.50	65.14	65.14
DISCCART	730996.38	4054631.50	65.14	65.14
DISCCART	730996.38	4054656.50	65.14	65.14
DISCCART	730996.38	4054681.50	65.14	65.14
DISCCART	730996.38	4054706.50	65.11	65.11
DISCCART	730996.38	4054731.50	65.04	65.04
DISCCART	730996.38	4054756.50	65.04	65.04
DISCCART	730996.38	4054781.50	64.94	64.94
DISCCART	730996.38	4054806.50	64.91	64.91
DISCCART	730996.38	4054831.50	64.84	64.84
DISCCART	730996.38	4054856.50	64.82	64.82
DISCCART	730996.38	4054881.50	64.68	64.68
DISCCART	730996.38	4054906.50	64.64	64.64
DISCCART	730996.38	4054931.50	64.63	64.63
DISCCART	730996.38	4054956.50	64.56	64.56
DISCCART	730996.38	4054981.50	64.56	64.56
DISCCART	730996.38	4055006.50	64.62	64.62
DISCCART	730996.38	4055031.50	64.64	64.64
DISCCART	730996.38	4055056.50	64.64	64.64
DISCCART	730996.38	4055081.50	64.64	64.64
DISCCART	730996.38	4055106.50	64.64	64.64
DISCCART	730996.38	4055131.50	64.64	64.64
DISCCART	730996.38	4055156.50	64.64	64.64
DISCCART	730996.38	4055181.50	64.64	64.64
DISCCART	730996.38	4055206.50	64.64	64.64
DISCCART	730996.38	4055231.50	64.65	64.65
DISCCART	730996.38	4055256.50	64.72	64.72
DISCCART	730996.38	4055281.50	64.73	64.73
DISCCART	730996.38	4055306.50	64.74	64.74
DISCCART	730996.38	4055331.50	64.74	64.74
DISCCART	731021.38	4052331.50	69.73	69.73
DISCCART	731021.38	4052356.50	69.62	69.62
DISCCART	731021.38	4052381.50	69.49	69.49
DISCCART	731021.38	4052406.50	69.44	69.44
DISCCART	731021.38	4052431.50	69.44	69.44
DISCCART	731021.38	4052456.50	69.44	69.44
DISCCART	731021.38	4052481.50	69.37	69.37
DISCCART	731021.38	4052506.50	69.28	69.28
DISCCART	731021.38	4052531.50	69.20	69.20
DISCCART	731021.38	4052556.50	69.12	69.12
DISCCART	731021.38	4052581.50	69.04	69.04
DISCCART	731021.38	4052606.50	68.94	68.94
DISCCART	731021.38	4052631.50	68.84	68.84
DISCCART	731021.38	4052656.50	68.74	68.74
DISCCART	731021.38	4052681.50	68.66	68.66
DISCCART	731021.38	4052706.50	68.57	68.57
DISCCART	731021.38	4052731.50	68.50	68.50
DISCCART	731021.38	4052756.50	68.44	68.44
DISCCART	731021.38	4052781.50	68.34	68.34
DISCCART	731021.38	4052806.50	68.26	68.26
DISCCART	731021.38	4052831.50	68.17	68.17
DISCCART	731021.38	4052856.50	68.12	68.12
DISCCART	731021.38	4052881.50	68.04	68.04
DISCCART	731021.38	4052906.50	67.95	67.95
DISCCART	731021.38	4052931.50	67.85	67.85
DISCCART	731021.38	4052956.50	67.83	67.83
DISCCART	731021.38	4052981.50	67.74	67.74
DISCCART	731021.38	4053006.50	67.64	67.64
DISCCART	731021.38	4053031.50	67.60	67.60
DISCCART	731021.38	4053056.50	67.54	67.54
DISCCART	731021.38	4053081.50	67.44	67.44
DISCCART	731021.38	4053106.50	67.38	67.38
DISCCART	731021.38	4053131.50	67.34	67.34
DISCCART	731021.38	4053156.50	67.25	67.25
DISCCART	731021.38	4053181.50	67.20	67.20
DISCCART	731021.38	4053206.50	67.14	67.14
DISCCART	731021.38	4053231.50	67.05	67.05
DISCCART	731021.38	4053256.50	67.02	67.02

DISCCART	731021.38	4053281.50	66.94	66.94
DISCCART	731021.38	4053306.50	66.87	66.87
DISCCART	731021.38	4053331.50	66.84	66.84
DISCCART	731021.38	4053356.50	66.74	66.74
DISCCART	731021.38	4053381.50	66.70	66.70
DISCCART	731021.38	4053406.50	66.64	66.64
DISCCART	731021.38	4053431.50	66.56	66.56
DISCCART	731021.38	4053456.50	66.53	66.53
DISCCART	731021.38	4053481.50	66.44	66.44
DISCCART	731021.38	4053506.50	66.38	66.38
DISCCART	731021.38	4053531.50	66.34	66.34
DISCCART	731021.38	4053556.50	66.32	66.32
DISCCART	731021.38	4053581.50	66.24	66.24
DISCCART	731021.38	4053606.50	66.24	66.24
DISCCART	731021.38	4053631.50	66.15	66.15
DISCCART	731021.38	4053656.50	66.14	66.14
DISCCART	731021.38	4053681.50	66.14	66.14
DISCCART	731021.38	4053706.50	66.04	66.04
DISCCART	731021.38	4053731.50	66.04	66.04
DISCCART	731021.38	4053756.50	65.94	65.94
DISCCART	731021.38	4053781.50	65.94	65.94
DISCCART	731021.38	4053806.50	65.84	65.84
DISCCART	731021.38	4053831.50	65.83	65.83
DISCCART	731021.38	4053856.50	65.82	65.82
DISCCART	731021.38	4053881.50	65.74	65.74
DISCCART	731021.38	4053906.50	65.67	65.67
DISCCART	731021.38	4053931.50	65.67	65.67
DISCCART	731021.38	4053956.50	65.64	65.64
DISCCART	731021.38	4053981.50	65.60	65.60
DISCCART	731021.38	4054006.50	65.51	65.51
DISCCART	731021.38	4054031.50	65.44	65.44
DISCCART	731021.38	4054056.50	65.44	65.44
DISCCART	731021.38	4054081.50	65.44	65.44
DISCCART	731021.38	4054106.50	65.38	65.38
DISCCART	731021.38	4054131.50	65.34	65.34
DISCCART	731021.38	4054156.50	65.34	65.34
DISCCART	731021.38	4054181.50	65.31	65.31
DISCCART	731021.38	4054206.50	65.25	65.25
DISCCART	731021.38	4054231.50	65.24	65.24
DISCCART	731021.38	4054256.50	65.24	65.24
DISCCART	731021.38	4054281.50	65.21	65.21
DISCCART	731021.38	4054306.50	65.19	65.19
DISCCART	731021.38	4054331.50	65.14	65.14
DISCCART	731021.38	4054356.50	65.14	65.14
DISCCART	731021.38	4054381.50	65.14	65.14
DISCCART	731021.38	4054406.50	65.14	65.14
DISCCART	731021.38	4054431.50	65.14	65.14
DISCCART	731021.38	4054456.50	65.14	65.14
DISCCART	731021.38	4054481.50	65.14	65.14
DISCCART	731021.38	4054506.50	65.14	65.14
DISCCART	731021.38	4054531.50	65.14	65.14
DISCCART	731021.38	4054556.50	65.14	65.14
DISCCART	731021.38	4054581.50	65.14	65.14
DISCCART	731021.38	4054606.50	65.14	65.14
DISCCART	731021.38	4054631.50	65.13	65.13
DISCCART	731021.38	4054656.50	65.09	65.09
DISCCART	731021.38	4054681.50	65.05	65.05
DISCCART	731021.38	4054706.50	65.04	65.04
DISCCART	731021.38	4054731.50	65.04	65.04
DISCCART	731021.38	4054756.50	65.04	65.04
DISCCART	731021.38	4054781.50	64.94	64.94
DISCCART	731021.38	4054806.50	64.92	64.92
DISCCART	731021.38	4054831.50	64.84	64.84
DISCCART	731021.38	4054856.50	64.82	64.82
DISCCART	731021.38	4054881.50	64.74	64.74
DISCCART	731021.38	4054906.50	64.64	64.64
DISCCART	731021.38	4054931.50	64.54	64.54
DISCCART	731021.38	4054956.50	64.54	64.54
DISCCART	731021.38	4054981.50	64.54	64.54
DISCCART	731021.38	4055006.50	64.54	64.54
DISCCART	731021.38	4055031.50	64.54	64.54
DISCCART	731021.38	4055056.50	64.54	64.54
DISCCART	731021.38	4055081.50	64.57	64.57
DISCCART	731021.38	4055106.50	64.55	64.55
DISCCART	731021.38	4055131.50	64.58	64.58
DISCCART	731021.38	4055156.50	64.65	64.65
DISCCART	731021.38	4055181.50	64.64	64.64
DISCCART	731021.38	4055206.50	64.64	64.64
DISCCART	731021.38	4055231.50	64.64	64.64
DISCCART	731021.38	4055256.50	64.64	64.64
DISCCART	731021.38	4055281.50	64.64	64.64
DISCCART	731021.38	4055306.50	64.65	64.65
DISCCART	731021.38	4055331.50	64.69	64.69
DISCCART	731046.38	4052331.50	69.73	69.73
DISCCART	731046.38	4052356.50	69.61	69.61
DISCCART	731046.38	4052381.50	69.48	69.48
DISCCART	731046.38	4052406.50	69.44	69.44
DISCCART	731046.38	4052431.50	69.44	69.44
DISCCART	731046.38	4052456.50	69.44	69.44
DISCCART	731046.38	4052481.50	69.34	69.34
DISCCART	731046.38	4052506.50	69.24	69.24
DISCCART	731046.38	4052531.50	69.15	69.15
DISCCART	731046.38	4052556.50	69.06	69.06
DISCCART	731046.38	4052581.50	68.96	68.96
DISCCART	731046.38	4052606.50	68.90	68.90
DISCCART	731046.38	4052631.50	68.82	68.82
DISCCART	731046.38	4052656.50	68.73	68.73
DISCCART	731046.38	4052681.50	68.63	68.63
DISCCART	731046.38	4052706.50	68.54	68.54
DISCCART	731046.38	4052731.50	68.44	68.44
DISCCART	731046.38	4052756.50	68.36	68.36
DISCCART	731046.38	4052781.50	68.32	68.32
DISCCART	731046.38	4052806.50	68.24	68.24
DISCCART	731046.38	4052831.50	68.14	68.14
DISCCART	731046.38	4052856.50	68.05	68.05
DISCCART	731046.38	4052881.50	67.97	67.97
DISCCART	731046.38	4052906.50	67.91	67.91
DISCCART	731046.38	4052931.50	67.84	67.84
DISCCART	731046.38	4052956.50	67.74	67.74
DISCCART	731046.38	4052981.50	67.67	67.67
DISCCART	731046.38	4053006.50	67.64	67.64
DISCCART	731046.38	4053031.50	67.54	67.54
DISCCART	731046.38	4053056.50	67.45	67.45
DISCCART	731046.38	4053081.50	67.42	67.42
DISCCART	731046.38	4053106.50	67.34	67.34
DISCCART	731046.38	4053131.50	67.28	67.28
DISCCART	731046.38	4053156.50	67.21	67.21

DISCCART	731046.38	4053181.50	67.14	67.14
DISCCART	731046.38	4053206.50	67.06	67.06
DISCCART	731046.38	4053231.50	67.03	67.03
DISCCART	731046.38	4053256.50	66.94	66.94
DISCCART	731046.38	4053281.50	66.87	66.87
DISCCART	731046.38	4053306.50	66.84	66.84
DISCCART	731046.38	4053331.50	66.74	66.74
DISCCART	731046.38	4053356.50	66.74	66.74
DISCCART	731046.38	4053381.50	66.64	66.64
DISCCART	731046.38	4053406.50	66.61	66.61
DISCCART	731046.38	4053431.50	66.54	66.54
DISCCART	731046.38	4053456.50	66.46	66.46
DISCCART	731046.38	4053481.50	66.42	66.42
DISCCART	731046.38	4053506.50	66.34	66.34
DISCCART	731046.38	4053531.50	66.32	66.32
DISCCART	731046.38	4053556.50	66.24	66.24
DISCCART	731046.38	4053581.50	66.24	66.24
DISCCART	731046.38	4053606.50	66.15	66.15
DISCCART	731046.38	4053631.50	66.14	66.14
DISCCART	731046.38	4053656.50	66.11	66.11
DISCCART	731046.38	4053681.50	66.04	66.04
DISCCART	731046.38	4053706.50	66.04	66.04
DISCCART	731046.38	4053731.50	65.98	65.98
DISCCART	731046.38	4053756.50	65.94	65.94
DISCCART	731046.38	4053781.50	65.88	65.88
DISCCART	731046.38	4053806.50	65.84	65.84
DISCCART	731046.38	4053831.50	65.77	65.77
DISCCART	731046.38	4053856.50	65.71	65.71
DISCCART	731046.38	4053881.50	65.73	65.73
DISCCART	731046.38	4053906.50	65.64	65.64
DISCCART	731046.38	4053931.50	65.54	65.54
DISCCART	731046.38	4053956.50	65.55	65.55
DISCCART	731046.38	4053981.50	65.54	65.54
DISCCART	731046.38	4054006.50	65.43	65.43
DISCCART	731046.38	4054031.50	65.42	65.42
DISCCART	731046.38	4054056.50	65.41	65.41
DISCCART	731046.38	4054081.50	65.35	65.35
DISCCART	731046.38	4054106.50	65.26	65.26
DISCCART	731046.38	4054131.50	65.26	65.26
DISCCART	731046.38	4054156.50	65.24	65.24
DISCCART	731046.38	4054181.50	65.24	65.24
DISCCART	731046.38	4054206.50	65.23	65.23
DISCCART	731046.38	4054231.50	65.15	65.15
DISCCART	731046.38	4054256.50	65.14	65.14
DISCCART	731046.38	4054281.50	65.14	65.14
DISCCART	731046.38	4054306.50	65.14	65.14
DISCCART	731046.38	4054331.50	65.14	65.14
DISCCART	731046.38	4054356.50	65.12	65.12
DISCCART	731046.38	4054381.50	65.12	65.12
DISCCART	731046.38	4054406.50	65.12	65.12
DISCCART	731046.38	4054431.50	65.12	65.12
DISCCART	731046.38	4054456.50	65.06	65.06
DISCCART	731046.38	4054481.50	65.06	65.06
DISCCART	731046.38	4054506.50	65.05	65.05
DISCCART	731046.38	4054531.50	65.05	65.05
DISCCART	731046.38	4054556.50	65.05	65.05
DISCCART	731046.38	4054581.50	65.04	65.04
DISCCART	731046.38	4054606.50	65.04	65.04
DISCCART	731046.38	4054631.50	65.04	65.04
DISCCART	731046.38	4054656.50	65.04	65.04
DISCCART	731046.38	4054681.50	65.04	65.04
DISCCART	731046.38	4054706.50	65.04	65.04
DISCCART	731046.38	4054731.50	65.04	65.04
DISCCART	731046.38	4054756.50	65.00	65.00
DISCCART	731046.38	4054781.50	64.94	64.94
DISCCART	731046.38	4054806.50	64.94	64.94
DISCCART	731046.38	4054831.50	64.84	64.84
DISCCART	731046.38	4054856.50	64.82	64.82
DISCCART	731046.38	4054881.50	64.73	64.73
DISCCART	731046.38	4054906.50	64.64	64.64
DISCCART	731046.38	4054931.50	64.54	64.54
DISCCART	731046.38	4054956.50	64.54	64.54
DISCCART	731046.38	4054981.50	64.54	64.54
DISCCART	731046.38	4055006.50	64.54	64.54
DISCCART	731046.38	4055031.50	64.54	64.54
DISCCART	731046.38	4055056.50	64.54	64.54
DISCCART	731046.38	4055081.50	64.54	64.54
DISCCART	731046.38	4055106.50	64.54	64.54
DISCCART	731046.38	4055131.50	64.54	64.54
DISCCART	731046.38	4055156.50	64.54	64.54
DISCCART	731046.38	4055181.50	64.54	64.54
DISCCART	731046.38	4055206.50	64.55	64.55
DISCCART	731046.38	4055231.50	64.60	64.60
DISCCART	731046.38	4055256.50	64.62	64.62
DISCCART	731046.38	4055281.50	64.64	64.64
DISCCART	731046.38	4055306.50	64.64	64.64
DISCCART	731046.38	4055331.50	64.64	64.64
DISCCART	731071.38	4052331.50	69.73	69.73
DISCCART	731071.38	4052356.50	69.61	69.61
DISCCART	731071.38	4052381.50	69.48	69.48
DISCCART	731071.38	4052406.50	69.44	69.44
DISCCART	731071.38	4052431.50	69.44	69.44
DISCCART	731071.38	4052456.50	69.38	69.38
DISCCART	731071.38	4052481.50	69.30	69.30
DISCCART	731071.38	4052506.50	69.20	69.20
DISCCART	731071.38	4052531.50	69.14	69.14
DISCCART	731071.38	4052556.50	69.03	69.03
DISCCART	731071.38	4052581.50	68.94	68.94
DISCCART	731071.38	4052606.50	68.84	68.84
DISCCART	731071.38	4052631.50	68.76	68.76
DISCCART	731071.38	4052656.50	68.64	68.64
DISCCART	731071.38	4052681.50	68.59	68.59
DISCCART	731071.38	4052706.50	68.51	68.51
DISCCART	731071.38	4052731.50	68.43	68.43
DISCCART	731071.38	4052756.50	68.34	68.34
DISCCART	731071.38	4052781.50	68.24	68.24
DISCCART	731071.38	4052806.50	68.18	68.18
DISCCART	731071.38	4052831.50	68.10	68.10
DISCCART	731071.38	4052856.50	68.02	68.02
DISCCART	731071.38	4052881.50	67.94	67.94
DISCCART	731071.38	4052906.50	67.84	67.84
DISCCART	731071.38	4052931.50	67.77	67.77
DISCCART	731071.38	4052956.50	67.73	67.73
DISCCART	731071.38	4052981.50	67.64	67.64
DISCCART	731071.38	4053006.50	67.54	67.54
DISCCART	731071.38	4053031.50	67.51	67.51
DISCCART	731071.38	4053056.50	67.44	67.44

DISCCART	731071.38	4053081.50	67.34	67.34
DISCCART	731071.38	4053106.50	67.28	67.28
DISCCART	731071.38	4053131.50	67.24	67.24
DISCCART	731071.38	4053156.50	67.15	67.15
DISCCART	731071.38	4053181.50	67.07	67.07
DISCCART	731071.38	4053206.50	67.02	67.02
DISCCART	731071.38	4053231.50	66.94	66.94
DISCCART	731071.38	4053256.50	66.87	66.87
DISCCART	731071.38	4053281.50	66.84	66.84
DISCCART	731071.38	4053306.50	66.77	66.77
DISCCART	731071.38	4053331.50	66.74	66.74
DISCCART	731071.38	4053356.50	66.64	66.64
DISCCART	731071.38	4053381.50	66.60	66.60
DISCCART	731071.38	4053406.50	66.54	66.54
DISCCART	731071.38	4053431.50	66.46	66.46
DISCCART	731071.38	4053456.50	66.42	66.42
DISCCART	731071.38	4053481.50	66.34	66.34
DISCCART	731071.38	4053506.50	66.34	66.34
DISCCART	731071.38	4053531.50	66.25	66.25
DISCCART	731071.38	4053556.50	66.24	66.24
DISCCART	731071.38	4053581.50	66.20	66.20
DISCCART	731071.38	4053606.50	66.14	66.14
DISCCART	731071.38	4053631.50	66.14	66.14
DISCCART	731071.38	4053656.50	66.04	66.04
DISCCART	731071.38	4053681.50	66.04	66.04
DISCCART	731071.38	4053706.50	65.94	65.94
DISCCART	731071.38	4053731.50	65.94	65.94
DISCCART	731071.38	4053756.50	65.89	65.89
DISCCART	731071.38	4053781.50	65.84	65.84
DISCCART	731071.38	4053806.50	65.82	65.82
DISCCART	731071.38	4053831.50	65.74	65.74
DISCCART	731071.38	4053856.50	65.66	65.66
DISCCART	731071.38	4053881.50	65.58	65.58
DISCCART	731071.38	4053906.50	65.60	65.60
DISCCART	731071.38	4053931.50	65.50	65.50
DISCCART	731071.38	4053956.50	65.48	65.48
DISCCART	731071.38	4053981.50	65.45	65.45
DISCCART	731071.38	4054006.50	65.41	65.41
DISCCART	731071.38	4054031.50	65.33	65.33
DISCCART	731071.38	4054056.50	65.34	65.34
DISCCART	731071.38	4054081.50	65.30	65.30
DISCCART	731071.38	4054106.50	65.24	65.24
DISCCART	731071.38	4054131.50	65.24	65.24
DISCCART	731071.38	4054156.50	65.18	65.18
DISCCART	731071.38	4054181.50	65.16	65.16
DISCCART	731071.38	4054206.50	65.14	65.14
DISCCART	731071.38	4054231.50	65.14	65.14
DISCCART	731071.38	4054256.50	65.12	65.12
DISCCART	731071.38	4054281.50	65.09	65.09
DISCCART	731071.38	4054306.50	65.04	65.04
DISCCART	731071.38	4054331.50	65.04	65.04
DISCCART	731071.38	4054356.50	65.04	65.04
DISCCART	731071.38	4054381.50	65.04	65.04
DISCCART	731071.38	4054406.50	65.04	65.04
DISCCART	731071.38	4054431.50	65.04	65.04
DISCCART	731071.38	4054456.50	65.04	65.04
DISCCART	731071.38	4054481.50	65.04	65.04
DISCCART	731071.38	4054506.50	65.04	65.04
DISCCART	731071.38	4054531.50	65.04	65.04
DISCCART	731071.38	4054556.50	65.04	65.04
DISCCART	731071.38	4054581.50	65.04	65.04
DISCCART	731071.38	4054606.50	65.04	65.04
DISCCART	731071.38	4054631.50	65.04	65.04
DISCCART	731071.38	4054656.50	65.04	65.04
DISCCART	731071.38	4054681.50	65.04	65.04
DISCCART	731071.38	4054706.50	64.99	64.99
DISCCART	731071.38	4054731.50	64.99	64.99
DISCCART	731071.38	4054756.50	64.94	64.94
DISCCART	731071.38	4054781.50	64.94	64.94
DISCCART	731071.38	4054806.50	64.94	64.94
DISCCART	731071.38	4054831.50	64.84	64.84
DISCCART	731071.38	4054856.50	64.82	64.82
DISCCART	731071.38	4054881.50	64.68	64.68
DISCCART	731071.38	4054906.50	64.63	64.63
DISCCART	731071.38	4054931.50	64.54	64.54
DISCCART	731071.38	4054956.50	64.54	64.54
DISCCART	731071.38	4054981.50	64.49	64.49
DISCCART	731071.38	4055006.50	64.44	64.44
DISCCART	731071.38	4055031.50	64.44	64.44
DISCCART	731071.38	4055056.50	64.46	64.46
DISCCART	731071.38	4055081.50	64.45	64.45
DISCCART	731071.38	4055106.50	64.46	64.46
DISCCART	731071.38	4055131.50	64.48	64.48
DISCCART	731071.38	4055156.50	64.54	64.54
DISCCART	731071.38	4055181.50	64.54	64.54
DISCCART	731071.38	4055206.50	64.54	64.54
DISCCART	731071.38	4055231.50	64.54	64.54
DISCCART	731071.38	4055256.50	64.54	64.54
DISCCART	731071.38	4055281.50	64.54	64.54
DISCCART	731071.38	4055306.50	64.56	64.56
DISCCART	731071.38	4055331.50	64.62	64.62
DISCCART	731096.38	4052331.50	69.68	69.68
DISCCART	731096.38	4052356.50	69.61	69.61
DISCCART	731096.38	4052381.50	69.48	69.48
DISCCART	731096.38	4052406.50	69.44	69.44
DISCCART	731096.38	4052431.50	69.44	69.44
DISCCART	731096.38	4052456.50	69.34	69.34
DISCCART	731096.38	4052481.50	69.25	69.25
DISCCART	731096.38	4052506.50	69.15	69.15
DISCCART	731096.38	4052531.50	69.06	69.06
DISCCART	731096.38	4052556.50	68.95	68.95
DISCCART	731096.38	4052581.50	68.89	68.89
DISCCART	731096.38	4052606.50	68.83	68.83
DISCCART	731096.38	4052631.50	68.72	68.72
DISCCART	731096.38	4052656.50	68.64	68.64
DISCCART	731096.38	4052681.50	68.54	68.54
DISCCART	731096.38	4052706.50	68.45	68.45
DISCCART	731096.38	4052731.50	68.37	68.37
DISCCART	731096.38	4052756.50	68.30	68.30
DISCCART	731096.38	4052781.50	68.23	68.23
DISCCART	731096.38	4052806.50	68.14	68.14
DISCCART	731096.38	4052831.50	68.04	68.04
DISCCART	731096.38	4052856.50	67.96	67.96
DISCCART	731096.38	4052881.50	67.87	67.87
DISCCART	731096.38	4052906.50	67.82	67.82
DISCCART	731096.38	4052931.50	67.74	67.74
DISCCART	731096.38	4052956.50	67.64	67.64

DISCCART	731096.38	4052981.50	67.58	67.58
DISCCART	731096.38	4053006.50	67.54	67.54
DISCCART	731096.38	4053031.50	67.44	67.44
DISCCART	731096.38	4053056.50	67.35	67.35
DISCCART	731096.38	4053081.50	67.32	67.32
DISCCART	731096.38	4053106.50	67.24	67.24
DISCCART	731096.38	4053131.50	67.15	67.15
DISCCART	731096.38	4053156.50	67.10	67.10
DISCCART	731096.38	4053181.50	67.04	67.04
DISCCART	731096.38	4053206.50	66.96	66.96
DISCCART	731096.38	4053231.50	66.93	66.93
DISCCART	731096.38	4053256.50	66.84	66.84
DISCCART	731096.38	4053281.50	66.77	66.77
DISCCART	731096.38	4053306.50	66.74	66.74
DISCCART	731096.38	4053331.50	66.64	66.64
DISCCART	731096.38	4053356.50	66.61	66.61
DISCCART	731096.38	4053381.50	66.54	66.54
DISCCART	731096.38	4053406.50	66.46	66.46
DISCCART	731096.38	4053431.50	66.43	66.43
DISCCART	731096.38	4053456.50	66.34	66.34
DISCCART	731096.38	4053481.50	66.34	66.34
DISCCART	731096.38	4053506.50	66.26	66.26
DISCCART	731096.38	4053531.50	66.24	66.24
DISCCART	731096.38	4053556.50	66.21	66.21
DISCCART	731096.38	4053581.50	66.14	66.14
DISCCART	731096.38	4053606.50	66.14	66.14
DISCCART	731096.38	4053631.50	66.04	66.04
DISCCART	731096.38	4053656.50	66.04	66.04
DISCCART	731096.38	4053681.50	65.98	65.98
DISCCART	731096.38	4053706.50	65.94	65.94
DISCCART	731096.38	4053731.50	65.89	65.89
DISCCART	731096.38	4053756.50	65.84	65.84
DISCCART	731096.38	4053781.50	65.78	65.78
DISCCART	731096.38	4053806.50	65.74	65.74
DISCCART	731096.38	4053831.50	65.71	65.71
DISCCART	731096.38	4053856.50	65.64	65.64
DISCCART	731096.38	4053881.50	65.54	65.54
DISCCART	731096.38	4053906.50	65.44	65.44
DISCCART	731096.38	4053931.50	65.46	65.46
DISCCART	731096.38	4053956.50	65.35	65.35
DISCCART	731096.38	4053981.50	65.44	65.44
DISCCART	731096.38	4054006.50	65.32	65.32
DISCCART	731096.38	4054031.50	65.30	65.30
DISCCART	731096.38	4054056.50	65.25	65.25
DISCCART	731096.38	4054081.50	65.16	65.16
DISCCART	731096.38	4054106.50	65.21	65.21
DISCCART	731096.38	4054131.50	65.16	65.16
DISCCART	731096.38	4054156.50	65.14	65.14
DISCCART	731096.38	4054181.50	65.14	65.14
DISCCART	731096.38	4054206.50	65.10	65.10
DISCCART	731096.38	4054231.50	65.05	65.05
DISCCART	731096.38	4054256.50	65.04	65.04
DISCCART	731096.38	4054281.50	65.04	65.04
DISCCART	731096.38	4054306.50	65.03	65.03
DISCCART	731096.38	4054331.50	65.02	65.02
DISCCART	731096.38	4054356.50	65.02	65.02
DISCCART	731096.38	4054381.50	64.97	64.97
DISCCART	731096.38	4054406.50	64.96	64.96
DISCCART	731096.38	4054431.50	64.96	64.96
DISCCART	731096.38	4054456.50	64.96	64.96
DISCCART	731096.38	4054481.50	64.95	64.95
DISCCART	731096.38	4054506.50	64.95	64.95
DISCCART	731096.38	4054531.50	64.95	64.95
DISCCART	731096.38	4054556.50	64.95	64.95
DISCCART	731096.38	4054581.50	64.94	64.94
DISCCART	731096.38	4054606.50	64.94	64.94
DISCCART	731096.38	4054631.50	64.94	64.94
DISCCART	731096.38	4054656.50	64.94	64.94
DISCCART	731096.38	4054681.50	64.94	64.94
DISCCART	731096.38	4054706.50	64.94	64.94
DISCCART	731096.38	4054731.50	64.94	64.94
DISCCART	731096.38	4054756.50	64.94	64.94
DISCCART	731096.38	4054781.50	64.94	64.94
DISCCART	731096.38	4054806.50	64.94	64.94
DISCCART	731096.38	4054831.50	64.84	64.84
DISCCART	731096.38	4054856.50	64.82	64.82
DISCCART	731096.38	4054881.50	64.69	64.69
DISCCART	731096.38	4054906.50	64.61	64.61
DISCCART	731096.38	4054931.50	64.54	64.54
DISCCART	731096.38	4054956.50	64.46	64.46
DISCCART	731096.38	4054981.50	64.44	64.44
DISCCART	731096.38	4055006.50	64.44	64.44
DISCCART	731096.38	4055031.50	64.44	64.44
DISCCART	731096.38	4055056.50	64.44	64.44
DISCCART	731096.38	4055081.50	64.44	64.44
DISCCART	731096.38	4055106.50	64.44	64.44
DISCCART	731096.38	4055131.50	64.44	64.44
DISCCART	731096.38	4055156.50	64.44	64.44
DISCCART	731096.38	4055181.50	64.45	64.45
DISCCART	731096.38	4055206.50	64.45	64.45
DISCCART	731096.38	4055231.50	64.52	64.52
DISCCART	731096.38	4055256.50	64.52	64.52
DISCCART	731096.38	4055281.50	64.54	64.54
DISCCART	731096.38	4055306.50	64.54	64.54
DISCCART	731096.38	4055331.50	64.54	64.54
DISCCART	731121.38	4052331.50	69.58	69.58
DISCCART	731121.38	4052356.50	69.55	69.55
DISCCART	731121.38	4052381.50	69.47	69.47
DISCCART	731121.38	4052406.50	69.40	69.40
DISCCART	731121.38	4052431.50	69.34	69.34
DISCCART	731121.38	4052456.50	69.28	69.28
DISCCART	731121.38	4052481.50	69.20	69.20
DISCCART	731121.38	4052506.50	69.11	69.11
DISCCART	731121.38	4052531.50	69.04	69.04
DISCCART	731121.38	4052556.50	68.93	68.93
DISCCART	731121.38	4052581.50	68.84	68.84
DISCCART	731121.38	4052606.50	68.74	68.74
DISCCART	731121.38	4052631.50	68.64	68.64
DISCCART	731121.38	4052656.50	68.55	68.55
DISCCART	731121.38	4052681.50	68.49	68.49
DISCCART	731121.38	4052706.50	68.40	68.40
DISCCART	731121.38	4052731.50	68.33	68.33
DISCCART	731121.38	4052756.50	68.24	68.24
DISCCART	731121.38	4052781.50	68.14	68.14
DISCCART	731121.38	4052806.50	68.08	68.08
DISCCART	731121.38	4052831.50	68.00	68.00
DISCCART	731121.38	4052856.50	67.93	67.93

DISCCART	731121.38	4052881.50	67.84	67.84
DISCCART	731121.38	4052906.50	67.74	67.74
DISCCART	731121.38	4052931.50	67.68	67.68
DISCCART	731121.38	4052956.50	67.63	67.63
DISCCART	731121.38	4052981.50	67.54	67.54
DISCCART	731121.38	4053006.50	67.44	67.44
DISCCART	731121.38	4053031.50	67.41	67.41
DISCCART	731121.38	4053056.50	67.33	67.33
DISCCART	731121.38	4053081.50	67.24	67.24
DISCCART	731121.38	4053106.50	67.18	67.18
DISCCART	731121.38	4053131.50	67.10	67.10
DISCCART	731121.38	4053156.50	67.04	67.04
DISCCART	731121.38	4053181.50	66.95	66.95
DISCCART	731121.38	4053206.50	66.92	66.92
DISCCART	731121.38	4053231.50	66.84	66.84
DISCCART	731121.38	4053256.50	66.77	66.77
DISCCART	731121.38	4053281.50	66.74	66.74
DISCCART	731121.38	4053306.50	66.64	66.64
DISCCART	731121.38	4053331.50	66.60	66.60
DISCCART	731121.38	4053356.50	66.54	66.54
DISCCART	731121.38	4053381.50	66.50	66.50
DISCCART	731121.38	4053406.50	66.44	66.44
DISCCART	731121.38	4053431.50	66.36	66.36
DISCCART	731121.38	4053456.50	66.34	66.34
DISCCART	731121.38	4053481.50	66.30	66.30
DISCCART	731121.38	4053506.50	66.24	66.24
DISCCART	731121.38	4053531.50	66.24	66.24
DISCCART	731121.38	4053556.50	66.15	66.15
DISCCART	731121.38	4053581.50	66.14	66.14
DISCCART	731121.38	4053606.50	66.07	66.07
DISCCART	731121.38	4053631.50	66.04	66.04
DISCCART	731121.38	4053656.50	66.03	66.03
DISCCART	731121.38	4053681.50	65.94	65.94
DISCCART	731121.38	4053706.50	65.94	65.94
DISCCART	731121.38	4053731.50	65.84	65.84
DISCCART	731121.38	4053756.50	65.83	65.83
DISCCART	731121.38	4053781.50	65.74	65.74
DISCCART	731121.38	4053806.50	65.66	65.66
DISCCART	731121.38	4053831.50	65.58	65.58
DISCCART	731121.38	4053856.50	65.54	65.54
DISCCART	731121.38	4053881.50	65.50	65.50
DISCCART	731121.38	4053906.50	65.40	65.40
DISCCART	731121.38	4053931.50	65.34	65.34
DISCCART	731121.38	4053956.50	65.31	65.31
DISCCART	731121.38	4053981.50	65.23	65.23
DISCCART	731121.38	4054006.50	65.31	65.31
DISCCART	731121.38	4054031.50	65.20	65.20
DISCCART	731121.38	4054056.50	65.22	65.22
DISCCART	731121.38	4054081.50	65.14	65.14
DISCCART	731121.38	4054106.50	65.14	65.14
DISCCART	731121.38	4054131.50	65.14	65.14
DISCCART	731121.38	4054156.50	65.09	65.09
DISCCART	731121.38	4054181.50	65.04	65.04
DISCCART	731121.38	4054206.50	65.04	65.04
DISCCART	731121.38	4054231.50	65.04	65.04
DISCCART	731121.38	4054256.50	64.97	64.97
DISCCART	731121.38	4054281.50	64.94	64.94
DISCCART	731121.38	4054306.50	64.94	64.94
DISCCART	731121.38	4054331.50	64.94	64.94
DISCCART	731121.38	4054356.50	64.94	64.94
DISCCART	731121.38	4054381.50	64.94	64.94
DISCCART	731121.38	4054406.50	64.94	64.94
DISCCART	731121.38	4054431.50	64.94	64.94
DISCCART	731121.38	4054456.50	64.94	64.94
DISCCART	731121.38	4054481.50	64.94	64.94
DISCCART	731121.38	4054506.50	64.94	64.94
DISCCART	731121.38	4054531.50	64.94	64.94
DISCCART	731121.38	4054556.50	64.94	64.94
DISCCART	731121.38	4054581.50	64.94	64.94
DISCCART	731121.38	4054606.50	64.94	64.94
DISCCART	731121.38	4054631.50	64.94	64.94
DISCCART	731121.38	4054656.50	64.94	64.94
DISCCART	731121.38	4054681.50	64.94	64.94
DISCCART	731121.38	4054706.50	64.94	64.94
DISCCART	731121.38	4054731.50	64.94	64.94
DISCCART	731121.38	4054756.50	64.93	64.93
DISCCART	731121.38	4054781.50	64.88	64.88
DISCCART	731121.38	4054806.50	64.88	64.88
DISCCART	731121.38	4054831.50	64.84	64.84
DISCCART	731121.38	4054856.50	64.81	64.81
DISCCART	731121.38	4054881.50	64.68	64.68
DISCCART	731121.38	4054906.50	64.60	64.60
DISCCART	731121.38	4054931.50	64.54	64.54
DISCCART	731121.38	4054956.50	64.45	64.45
DISCCART	731121.38	4054981.50	64.44	64.44
DISCCART	731121.38	4055006.50	64.44	64.44
DISCCART	731121.38	4055031.50	64.39	64.39
DISCCART	731121.38	4055056.50	64.34	64.34
DISCCART	731121.38	4055081.50	64.34	64.34
DISCCART	731121.38	4055106.50	64.38	64.38
DISCCART	731121.38	4055131.50	64.44	64.44
DISCCART	731121.38	4055156.50	64.44	64.44
DISCCART	731121.38	4055181.50	64.44	64.44
DISCCART	731121.38	4055206.50	64.44	64.44
DISCCART	731121.38	4055231.50	64.44	64.44
DISCCART	731121.38	4055256.50	64.44	64.44
DISCCART	731121.38	4055281.50	64.44	64.44
DISCCART	731121.38	4055306.50	64.48	64.48
DISCCART	731121.38	4055331.50	64.54	64.54
DISCCART	731146.38	4052331.50	69.45	69.45
DISCCART	731146.38	4052356.50	69.45	69.45
DISCCART	731146.38	4052381.50	69.44	69.44
DISCCART	731146.38	4052406.50	69.40	69.40
DISCCART	731146.38	4052431.50	69.26	69.26
DISCCART	731146.38	4052456.50	69.21	69.21
DISCCART	731146.38	4052481.50	69.14	69.14
DISCCART	731146.38	4052506.50	69.04	69.04
DISCCART	731146.38	4052531.50	68.97	68.97
DISCCART	731146.38	4052556.50	68.90	68.90
DISCCART	731146.38	4052581.50	68.79	68.79
DISCCART	731146.38	4052606.50	68.70	68.70
DISCCART	731146.38	4052631.50	68.62	68.62
DISCCART	731146.38	4052656.50	68.54	68.54
DISCCART	731146.38	4052681.50	68.44	68.44
DISCCART	731146.38	4052706.50	68.36	68.36
DISCCART	731146.38	4052731.50	68.27	68.27
DISCCART	731146.38	4052756.50	68.19	68.19

DISCCART	731146.38	4052781.50	68.13	68.13
DISCCART	731146.38	4052806.50	68.04	68.04
DISCCART	731146.38	4052831.50	67.94	67.94
DISCCART	731146.38	4052856.50	67.85	67.85
DISCCART	731146.38	4052881.50	67.78	67.78
DISCCART	731146.38	4052906.50	67.73	67.73
DISCCART	731146.38	4052931.50	67.64	67.64
DISCCART	731146.38	4052956.50	67.54	67.54
DISCCART	731146.38	4052981.50	67.48	67.48
DISCCART	731146.38	4053006.50	67.41	67.41
DISCCART	731146.38	4053031.50	67.34	67.34
DISCCART	731146.38	4053056.50	67.26	67.26
DISCCART	731146.38	4053081.50	67.18	67.18
DISCCART	731146.38	4053106.50	67.14	67.14
DISCCART	731146.38	4053131.50	67.05	67.05
DISCCART	731146.38	4053156.50	66.96	66.96
DISCCART	731146.38	4053181.50	66.93	66.93
DISCCART	731146.38	4053206.50	66.84	66.84
DISCCART	731146.38	4053231.50	66.77	66.77
DISCCART	731146.38	4053256.50	66.74	66.74
DISCCART	731146.38	4053281.50	66.64	66.64
DISCCART	731146.38	4053306.50	66.61	66.61
DISCCART	731146.38	4053331.50	66.54	66.54
DISCCART	731146.38	4053356.50	66.45	66.45
DISCCART	731146.38	4053381.50	66.44	66.44
DISCCART	731146.38	4053406.50	66.36	66.36
DISCCART	731146.38	4053431.50	66.34	66.34
DISCCART	731146.38	4053456.50	66.30	66.30
DISCCART	731146.38	4053481.50	66.24	66.24
DISCCART	731146.38	4053506.50	66.24	66.24
DISCCART	731146.38	4053531.50	66.16	66.16
DISCCART	731146.38	4053556.50	66.14	66.14
DISCCART	731146.38	4053581.50	66.13	66.13
DISCCART	731146.38	4053606.50	66.04	66.04
DISCCART	731146.38	4053631.50	66.03	66.03
DISCCART	731146.38	4053656.50	65.94	65.94
DISCCART	731146.38	4053681.50	65.94	65.94
DISCCART	731146.38	4053706.50	65.85	65.85
DISCCART	731146.38	4053731.50	65.84	65.84
DISCCART	731146.38	4053756.50	65.76	65.76
DISCCART	731146.38	4053781.50	65.72	65.72
DISCCART	731146.38	4053806.50	65.65	65.65
DISCCART	731146.38	4053831.50	65.55	65.55
DISCCART	731146.38	4053856.50	65.46	65.46
DISCCART	731146.38	4053881.50	65.36	65.36
DISCCART	731146.38	4053906.50	65.34	65.34
DISCCART	731146.38	4053931.50	65.26	65.26
DISCCART	731146.38	4053956.50	65.15	65.15
DISCCART	731146.38	4053981.50	65.15	65.15
DISCCART	731146.38	4054006.50	65.14	65.14
DISCCART	731146.38	4054031.50	65.12	65.12
DISCCART	731146.38	4054056.50	65.05	65.05
DISCCART	731146.38	4054081.50	65.09	65.09
DISCCART	731146.38	4054106.50	65.06	65.06
DISCCART	731146.38	4054131.50	65.04	65.04
DISCCART	731146.38	4054156.50	65.04	65.04
DISCCART	731146.38	4054181.50	65.03	65.03
DISCCART	731146.38	4054206.50	64.96	64.96
DISCCART	731146.38	4054231.50	64.94	64.94
DISCCART	731146.38	4054256.50	64.94	64.94
DISCCART	731146.38	4054281.50	64.93	64.93
DISCCART	731146.38	4054306.50	64.85	64.85
DISCCART	731146.38	4054331.50	64.86	64.86
DISCCART	731146.38	4054356.50	64.86	64.86
DISCCART	731146.38	4054381.50	64.86	64.86
DISCCART	731146.38	4054406.50	64.86	64.86
DISCCART	731146.38	4054431.50	64.86	64.86
DISCCART	731146.38	4054456.50	64.86	64.86
DISCCART	731146.38	4054481.50	64.85	64.85
DISCCART	731146.38	4054506.50	64.85	64.85
DISCCART	731146.38	4054531.50	64.84	64.84
DISCCART	731146.38	4054556.50	64.84	64.84
DISCCART	731146.38	4054581.50	64.84	64.84
DISCCART	731146.38	4054606.50	64.84	64.84
DISCCART	731146.38	4054631.50	64.84	64.84
DISCCART	731146.38	4054656.50	64.84	64.84
DISCCART	731146.38	4054681.50	64.84	64.84
DISCCART	731146.38	4054706.50	64.84	64.84
DISCCART	731146.38	4054731.50	64.84	64.84
DISCCART	731146.38	4054756.50	64.84	64.84
DISCCART	731146.38	4054781.50	64.84	64.84
DISCCART	731146.38	4054806.50	64.84	64.84
DISCCART	731146.38	4054831.50	64.84	64.84
DISCCART	731146.38	4054856.50	64.81	64.81
DISCCART	731146.38	4054881.50	64.68	64.68
DISCCART	731146.38	4054906.50	64.60	64.60
DISCCART	731146.38	4054931.50	64.54	64.54
DISCCART	731146.38	4054956.50	64.44	64.44
DISCCART	731146.38	4054981.50	64.44	64.44
DISCCART	731146.38	4055006.50	64.34	64.34
DISCCART	731146.38	4055031.50	64.34	64.34
DISCCART	731146.38	4055056.50	64.34	64.34
DISCCART	731146.38	4055081.50	64.34	64.34
DISCCART	731146.38	4055106.50	64.34	64.34
DISCCART	731146.38	4055131.50	64.34	64.34
DISCCART	731146.38	4055156.50	64.34	64.34
DISCCART	731146.38	4055181.50	64.35	64.35
DISCCART	731146.38	4055206.50	64.35	64.35
DISCCART	731146.38	4055231.50	64.36	64.36
DISCCART	731146.38	4055256.50	64.43	64.43
DISCCART	731146.38	4055281.50	64.44	64.44
DISCCART	731146.38	4055306.50	64.44	64.44
DISCCART	731146.38	4055331.50	64.44	64.44
DISCCART	731171.38	4052331.50	69.44	69.44
DISCCART	731171.38	4052356.50	69.42	69.42
DISCCART	731171.38	4052381.50	69.35	69.35
DISCCART	731171.38	4052406.50	69.32	69.32
DISCCART	731171.38	4052431.50	69.24	69.24
DISCCART	731171.38	4052456.50	69.14	69.14
DISCCART	731171.38	4052481.50	69.07	69.07
DISCCART	731171.38	4052506.50	69.02	69.02
DISCCART	731171.38	4052531.50	68.90	68.90
DISCCART	731171.38	4052556.50	68.83	68.83
DISCCART	731171.38	4052581.50	68.70	68.70
DISCCART	731171.38	4052606.50	68.62	68.62
DISCCART	731171.38	4052631.50	68.53	68.53
DISCCART	731171.38	4052656.50	68.45	68.45

DISCCART	731171.38	4052681.50	68.35	68.35
DISCCART	731171.38	4052706.50	68.27	68.27
DISCCART	731171.38	4052731.50	68.20	68.20
DISCCART	731171.38	4052756.50	68.14	68.14
DISCCART	731171.38	4052781.50	68.04	68.04
DISCCART	731171.38	4052806.50	67.95	67.95
DISCCART	731171.38	4052831.50	67.90	67.90
DISCCART	731171.38	4052856.50	67.83	67.83
DISCCART	731171.38	4052881.50	67.74	67.74
DISCCART	731171.38	4052906.50	67.64	67.64
DISCCART	731171.38	4052931.50	67.59	67.59
DISCCART	731171.38	4052956.50	67.53	67.53
DISCCART	731171.38	4052981.50	67.44	67.44
DISCCART	731171.38	4053006.50	67.35	67.35
DISCCART	731171.38	4053031.50	67.28	67.28
DISCCART	731171.38	4053056.50	67.22	67.22
DISCCART	731171.38	4053081.50	67.14	67.14
DISCCART	731171.38	4053106.50	67.05	67.05
DISCCART	731171.38	4053131.50	67.00	67.00
DISCCART	731171.38	4053156.50	66.92	66.92
DISCCART	731171.38	4053181.50	66.84	66.84
DISCCART	731171.38	4053206.50	66.77	66.77
DISCCART	731171.38	4053231.50	66.74	66.74
DISCCART	731171.38	4053256.50	66.64	66.64
DISCCART	731171.38	4053281.50	66.60	66.60
DISCCART	731171.38	4053306.50	66.54	66.54
DISCCART	731171.38	4053331.50	66.46	66.46
DISCCART	731171.38	4053356.50	66.44	66.44
DISCCART	731171.38	4053381.50	66.36	66.36
DISCCART	731171.38	4053406.50	66.34	66.34
DISCCART	731171.38	4053431.50	66.30	66.30
DISCCART	731171.38	4053456.50	66.24	66.24
DISCCART	731171.38	4053481.50	66.24	66.24
DISCCART	731171.38	4053506.50	66.15	66.15
DISCCART	731171.38	4053531.50	66.14	66.14
DISCCART	731171.38	4053556.50	66.12	66.12
DISCCART	731171.38	4053581.50	66.04	66.04
DISCCART	731171.38	4053606.50	66.04	66.04
DISCCART	731171.38	4053631.50	65.94	65.94
DISCCART	731171.38	4053656.50	65.94	65.94
DISCCART	731171.38	4053681.50	65.86	65.86
DISCCART	731171.38	4053706.50	65.84	65.84
DISCCART	731171.38	4053731.50	65.76	65.76
DISCCART	731171.38	4053756.50	65.74	65.74
DISCCART	731171.38	4053781.50	65.66	65.66
DISCCART	731171.38	4053806.50	65.60	65.60
DISCCART	731171.38	4053831.50	65.54	65.54
DISCCART	731171.38	4053856.50	65.44	65.44
DISCCART	731171.38	4053881.50	65.34	65.34
DISCCART	731171.38	4053906.50	65.24	65.24
DISCCART	731171.38	4053931.50	65.16	65.16
DISCCART	731171.38	4053956.50	65.13	65.13
DISCCART	731171.38	4053981.50	65.04	65.04
DISCCART	731171.38	4054006.50	64.99	64.99
DISCCART	731171.38	4054031.50	64.99	64.99
DISCCART	731171.38	4054056.50	65.00	65.00
DISCCART	731171.38	4054081.50	65.04	65.04
DISCCART	731171.38	4054106.50	65.04	65.04
DISCCART	731171.38	4054131.50	65.04	65.04
DISCCART	731171.38	4054156.50	64.97	64.97
DISCCART	731171.38	4054181.50	64.94	64.94
DISCCART	731171.38	4054206.50	64.94	64.94
DISCCART	731171.38	4054231.50	64.90	64.90
DISCCART	731171.38	4054256.50	64.84	64.84
DISCCART	731171.38	4054281.50	64.84	64.84
DISCCART	731171.38	4054306.50	64.84	64.84
DISCCART	731171.38	4054331.50	64.84	64.84
DISCCART	731171.38	4054356.50	64.84	64.84
DISCCART	731171.38	4054381.50	64.84	64.84
DISCCART	731171.38	4054406.50	64.84	64.84
DISCCART	731171.38	4054431.50	64.84	64.84
DISCCART	731171.38	4054456.50	64.84	64.84
DISCCART	731171.38	4054481.50	64.84	64.84
DISCCART	731171.38	4054506.50	64.78	64.78
DISCCART	731171.38	4054531.50	64.78	64.78
DISCCART	731171.38	4054556.50	64.79	64.79
DISCCART	731171.38	4054581.50	64.79	64.79
DISCCART	731171.38	4054606.50	64.79	64.79
DISCCART	731171.38	4054631.50	64.79	64.79
DISCCART	731171.38	4054656.50	64.79	64.79
DISCCART	731171.38	4054681.50	64.79	64.79
DISCCART	731171.38	4054706.50	64.79	64.79
DISCCART	731171.38	4054731.50	64.78	64.78
DISCCART	731171.38	4054756.50	64.78	64.78
DISCCART	731171.38	4054781.50	64.78	64.78
DISCCART	731171.38	4054806.50	64.75	64.75
DISCCART	731171.38	4054831.50	64.74	64.74
DISCCART	731171.38	4054856.50	64.74	64.74
DISCCART	731171.38	4054881.50	64.68	64.68
DISCCART	731171.38	4054906.50	64.60	64.60
DISCCART	731171.38	4054931.50	64.54	64.54
DISCCART	731171.38	4054956.50	64.44	64.44
DISCCART	731171.38	4054981.50	64.36	64.36
DISCCART	731171.38	4055006.50	64.34	64.34
DISCCART	731171.38	4055031.50	64.30	64.30
DISCCART	731171.38	4055056.50	64.28	64.28
DISCCART	731171.38	4055081.50	64.32	64.32
DISCCART	731171.38	4055106.50	64.34	64.34
DISCCART	731171.38	4055131.50	64.34	64.34
DISCCART	731171.38	4055156.50	64.34	64.34
DISCCART	731171.38	4055181.50	64.34	64.34
DISCCART	731171.38	4055206.50	64.34	64.34
DISCCART	731171.38	4055231.50	64.34	64.34
DISCCART	731171.38	4055256.50	64.34	64.34
DISCCART	731171.38	4055281.50	64.37	64.37
DISCCART	731171.38	4055306.50	64.44	64.44
DISCCART	731171.38	4055331.50	64.44	64.44
DISCCART	731196.38	4052331.50	69.46	69.46
DISCCART	731196.38	4052356.50	69.45	69.45
DISCCART	731196.38	4052381.50	69.36	69.36
DISCCART	731196.38	4052406.50	69.25	69.25
DISCCART	731196.38	4052431.50	69.16	69.16
DISCCART	731196.38	4052456.50	69.12	69.12
DISCCART	731196.38	4052481.50	69.04	69.04
DISCCART	731196.38	4052506.50	68.94	68.94
DISCCART	731196.38	4052531.50	68.87	68.87
DISCCART	731196.38	4052556.50	68.76	68.76

DISCCART	731196.38	4052581.50	68.67	68.67
DISCCART	731196.38	4052606.50	68.60	68.60
DISCCART	731196.38	4052631.50	68.53	68.53
DISCCART	731196.38	4052656.50	68.44	68.44
DISCCART	731196.38	4052681.50	68.34	68.34
DISCCART	731196.38	4052706.50	68.25	68.25
DISCCART	731196.38	4052731.50	68.16	68.16
DISCCART	731196.38	4052756.50	68.10	68.10
DISCCART	731196.38	4052781.50	68.03	68.03
DISCCART	731196.38	4052806.50	67.94	67.94
DISCCART	731196.38	4052831.50	67.84	67.84
DISCCART	731196.38	4052856.50	67.75	67.75
DISCCART	731196.38	4052881.50	67.68	67.68
DISCCART	731196.38	4052906.50	67.63	67.63
DISCCART	731196.38	4052931.50	67.54	67.54
DISCCART	731196.38	4052956.50	67.45	67.45
DISCCART	731196.38	4052981.50	67.38	67.38
DISCCART	731196.38	4053006.50	67.30	67.30
DISCCART	731196.38	4053031.50	67.24	67.24
DISCCART	731196.38	4053056.50	67.15	67.15
DISCCART	731196.38	4053081.50	67.07	67.07
DISCCART	731196.38	4053106.50	67.01	67.01
DISCCART	731196.38	4053131.50	66.94	66.94
DISCCART	731196.38	4053156.50	66.85	66.85
DISCCART	731196.38	4053181.50	66.78	66.78
DISCCART	731196.38	4053206.50	66.74	66.74
DISCCART	731196.38	4053231.50	66.65	66.65
DISCCART	731196.38	4053256.50	66.61	66.61
DISCCART	731196.38	4053281.50	66.54	66.54
DISCCART	731196.38	4053306.50	66.45	66.45
DISCCART	731196.38	4053331.50	66.43	66.43
DISCCART	731196.38	4053356.50	66.34	66.34
DISCCART	731196.38	4053381.50	66.34	66.34
DISCCART	731196.38	4053406.50	66.30	66.30
DISCCART	731196.38	4053431.50	66.24	66.24
DISCCART	731196.38	4053456.50	66.23	66.23
DISCCART	731196.38	4053481.50	66.17	66.17
DISCCART	731196.38	4053506.50	66.14	66.14
DISCCART	731196.38	4053531.50	66.12	66.12
DISCCART	731196.38	4053556.50	66.04	66.04
DISCCART	731196.38	4053581.50	66.03	66.03
DISCCART	731196.38	4053606.50	65.94	65.94
DISCCART	731196.38	4053631.50	65.94	65.94
DISCCART	731196.38	4053656.50	65.91	65.91
DISCCART	731196.38	4053681.50	65.84	65.84
DISCCART	731196.38	4053706.50	65.80	65.80
DISCCART	731196.38	4053731.50	65.73	65.73
DISCCART	731196.38	4053756.50	65.70	65.70
DISCCART	731196.38	4053781.50	65.62	65.62
DISCCART	731196.38	4053806.50	65.53	65.53
DISCCART	731196.38	4053831.50	65.46	65.46
DISCCART	731196.38	4053856.50	65.40	65.40
DISCCART	731196.38	4053881.50	65.33	65.33
DISCCART	731196.38	4053906.50	65.24	65.24
DISCCART	731196.38	4053931.50	65.17	65.17
DISCCART	731196.38	4053956.50	65.05	65.05
DISCCART	731196.38	4053981.50	64.97	64.97
DISCCART	731196.38	4054006.50	64.91	64.91
DISCCART	731196.38	4054031.50	64.86	64.86
DISCCART	731196.38	4054056.50	64.94	64.94
DISCCART	731196.38	4054081.50	65.00	65.00
DISCCART	731196.38	4054106.50	64.97	64.97
DISCCART	731196.38	4054131.50	64.94	64.94
DISCCART	731196.38	4054156.50	64.94	64.94
DISCCART	731196.38	4054181.50	64.93	64.93
DISCCART	731196.38	4054206.50	64.85	64.85
DISCCART	731196.38	4054231.50	64.84	64.84
DISCCART	731196.38	4054256.50	64.83	64.83
DISCCART	731196.38	4054281.50	64.75	64.75
DISCCART	731196.38	4054306.50	64.74	64.74
DISCCART	731196.38	4054331.50	64.74	64.74
DISCCART	731196.38	4054356.50	64.74	64.74
DISCCART	731196.38	4054381.50	64.74	64.74
DISCCART	731196.38	4054406.50	64.74	64.74
DISCCART	731196.38	4054431.50	64.74	64.74
DISCCART	731196.38	4054456.50	64.74	64.74
DISCCART	731196.38	4054481.50	64.74	64.74
DISCCART	731196.38	4054506.50	64.74	64.74
DISCCART	731196.38	4054531.50	64.74	64.74
DISCCART	731196.38	4054781.50	64.72	64.72
DISCCART	731196.38	4054806.50	64.73	64.73
DISCCART	731196.38	4054831.50	64.73	64.73
DISCCART	731196.38	4054856.50	64.66	64.66
DISCCART	731196.38	4054881.50	64.64	64.64
DISCCART	731196.38	4054906.50	64.60	64.60
DISCCART	731196.38	4054931.50	64.53	64.53
DISCCART	731196.38	4054956.50	64.44	64.44
DISCCART	731196.38	4054981.50	64.34	64.34
DISCCART	731196.38	4055006.50	64.33	64.33
DISCCART	731196.38	4055031.50	64.24	64.24
DISCCART	731196.38	4055056.50	64.24	64.24
DISCCART	731196.38	4055081.50	64.24	64.24
DISCCART	731196.38	4055106.50	64.24	64.24
DISCCART	731196.38	4055131.50	64.24	64.24
DISCCART	731196.38	4055156.50	64.25	64.25
DISCCART	731196.38	4055181.50	64.24	64.24
DISCCART	731196.38	4055206.50	64.25	64.25
DISCCART	731196.38	4055231.50	64.32	64.32
DISCCART	731196.38	4055256.50	64.34	64.34
DISCCART	731196.38	4055281.50	64.34	64.34
DISCCART	731196.38	4055306.50	64.38	64.38
DISCCART	731196.38	4055331.50	64.44	64.44
DISCCART	731221.38	4052331.50	69.54	69.54
DISCCART	731221.38	4052356.50	69.45	69.45
DISCCART	731221.38	4052381.50	69.34	69.34
DISCCART	731221.38	4052406.50	69.24	69.24
DISCCART	731221.38	4052431.50	69.14	69.14
DISCCART	731221.38	4052456.50	69.04	69.04
DISCCART	731221.38	4052481.50	69.00	69.00
DISCCART	731221.38	4052506.50	68.92	68.92
DISCCART	731221.38	4052531.50	68.84	68.84
DISCCART	731221.38	4052556.50	68.73	68.73
DISCCART	731221.38	4052581.50	68.64	68.64
DISCCART	731221.38	4052606.50	68.55	68.55
DISCCART	731221.38	4052631.50	68.45	68.45
DISCCART	731221.38	4052656.50	68.37	68.37
DISCCART	731221.38	4052681.50	68.30	68.30

DISCCART	731221.38	4052706.50	68.20	68.20
DISCCART	731221.38	4052731.50	68.14	68.14
DISCCART	731221.38	4052756.50	68.04	68.04
DISCCART	731221.38	4052781.50	67.94	67.94
DISCCART	731221.38	4052806.50	67.84	67.84
DISCCART	731221.38	4052831.50	67.80	67.80
DISCCART	731221.38	4052856.50	67.73	67.73
DISCCART	731221.38	4052881.50	67.64	67.64
DISCCART	731221.38	4052906.50	67.55	67.55
DISCCART	731221.38	4052931.50	67.46	67.46
DISCCART	731221.38	4052956.50	67.41	67.41
DISCCART	731221.38	4052981.50	67.34	67.34
DISCCART	731221.38	4053006.50	67.25	67.25
DISCCART	731221.38	4053031.50	67.15	67.15
DISCCART	731221.38	4053056.50	67.10	67.10
DISCCART	731221.38	4053081.50	67.04	67.04
DISCCART	731221.38	4053106.50	66.94	66.94
DISCCART	731221.38	4053131.50	66.85	66.85
DISCCART	731221.38	4053156.50	66.83	66.83
DISCCART	731221.38	4053181.50	66.74	66.74
DISCCART	731221.38	4053206.50	66.64	66.64
DISCCART	731221.38	4053231.50	66.60	66.60
DISCCART	731221.38	4053256.50	66.54	66.54
DISCCART	731221.38	4053281.50	66.45	66.45
DISCCART	731221.38	4053306.50	66.43	66.43
DISCCART	731221.38	4053331.50	66.34	66.34
DISCCART	731221.38	4053356.50	66.34	66.34
DISCCART	731221.38	4053381.50	66.30	66.30
DISCCART	731221.38	4053406.50	66.24	66.24
DISCCART	731221.38	4053431.50	66.24	66.24
DISCCART	731221.38	4053456.50	66.15	66.15
DISCCART	731221.38	4053481.50	66.14	66.14
DISCCART	731221.38	4053506.50	66.13	66.13
DISCCART	731221.38	4053531.50	66.04	66.04
DISCCART	731221.38	4053556.50	66.04	66.04
DISCCART	731221.38	4053581.50	65.96	65.96
DISCCART	731221.38	4053606.50	65.94	65.94
DISCCART	731221.38	4053631.50	65.88	65.88
DISCCART	731221.38	4053656.50	65.84	65.84
DISCCART	731221.38	4053681.50	65.81	65.81
DISCCART	731221.38	4053706.50	65.74	65.74
DISCCART	731221.38	4053731.50	65.66	65.66
DISCCART	731221.38	4053756.50	65.60	65.60
DISCCART	731221.38	4053781.50	65.54	65.54
DISCCART	731221.38	4053956.50	65.04	65.04
DISCCART	731221.38	4053981.50	64.94	64.94
DISCCART	731221.38	4054006.50	64.85	64.85
DISCCART	731221.38	4054031.50	64.84	64.84
DISCCART	731221.38	4054056.50	64.93	64.93
DISCCART	731221.38	4054781.50	64.64	64.64
DISCCART	731221.38	4054806.50	64.64	64.64
DISCCART	731221.38	4054831.50	64.64	64.64
DISCCART	731221.38	4054856.50	64.64	64.64
DISCCART	731221.38	4054881.50	64.55	64.55
DISCCART	731221.38	4054906.50	64.54	64.54
DISCCART	731221.38	4054931.50	64.47	64.47
DISCCART	731221.38	4054956.50	64.43	64.43
DISCCART	731221.38	4054981.50	64.34	64.34
DISCCART	731221.38	4055006.50	64.24	64.24
DISCCART	731221.38	4055031.50	64.24	64.24
DISCCART	731221.38	4055056.50	64.24	64.24
DISCCART	731221.38	4055081.50	64.24	64.24
DISCCART	731221.38	4055106.50	64.24	64.24
DISCCART	731221.38	4055131.50	64.21	64.21
DISCCART	731221.38	4055156.50	64.24	64.24
DISCCART	731221.38	4055181.50	64.24	64.24
DISCCART	731221.38	4055206.50	64.24	64.24
DISCCART	731221.38	4055231.50	64.25	64.25
DISCCART	731221.38	4055256.50	64.34	64.34
DISCCART	731221.38	4055281.50	64.34	64.34
DISCCART	731221.38	4055306.50	64.34	64.34
DISCCART	731221.38	4055331.50	64.34	64.34
DISCCART	731246.38	4052331.50	69.54	69.54
DISCCART	731246.38	4052356.50	69.41	69.41
DISCCART	731246.38	4052381.50	69.33	69.33
DISCCART	731246.38	4052406.50	69.22	69.22
DISCCART	731246.38	4052431.50	69.13	69.13
DISCCART	731246.38	4052456.50	69.04	69.04
DISCCART	731246.38	4052481.50	68.93	68.93
DISCCART	731246.38	4052506.50	68.84	68.84
DISCCART	731246.38	4052531.50	68.77	68.77
DISCCART	731246.38	4052556.50	68.65	68.65
DISCCART	731246.38	4052581.50	68.58	68.58
DISCCART	731246.38	4052606.50	68.51	68.51
DISCCART	731246.38	4052631.50	68.44	68.44
DISCCART	731246.38	4052656.50	68.34	68.34
DISCCART	731246.38	4052681.50	68.24	68.24
DISCCART	731246.38	4052706.50	68.15	68.15
DISCCART	731246.38	4052731.50	68.06	68.06
DISCCART	731246.38	4052756.50	67.95	67.95
DISCCART	731246.38	4052781.50	67.88	67.88
DISCCART	731246.38	4052806.50	67.84	67.84
DISCCART	731246.38	4052831.50	67.74	67.74
DISCCART	731246.38	4052856.50	67.64	67.64
DISCCART	731246.38	4052881.50	67.58	67.58
DISCCART	731246.38	4052906.50	67.50	67.50
DISCCART	731246.38	4052931.50	67.43	67.43
DISCCART	731246.38	4052956.50	67.34	67.34
DISCCART	731246.38	4052981.50	67.27	67.27
DISCCART	731246.38	4053006.50	67.20	67.20
DISCCART	731246.38	4053031.50	67.13	67.13
DISCCART	731246.38	4053056.50	67.04	67.04
DISCCART	731246.38	4053081.50	66.94	66.94
DISCCART	731246.38	4053106.50	66.90	66.90
DISCCART	731246.38	4053131.50	66.82	66.82
DISCCART	731246.38	4053156.50	66.74	66.74
DISCCART	731246.38	4053181.50	66.68	66.68
DISCCART	731246.38	4053956.50	65.02	65.02
DISCCART	731246.38	4053981.50	64.94	64.94
DISCCART	731246.38	4054006.50	64.85	64.85
DISCCART	731246.38	4054031.50	64.84	64.84
DISCCART	731246.38	4054056.50	64.93	64.93
DISCCART	731246.38	4054781.50	64.54	64.54
DISCCART	731246.38	4054806.50	64.54	64.54
DISCCART	731246.38	4054831.50	64.54	64.54
DISCCART	731246.38	4054856.50	64.53	64.53
DISCCART	731246.38	4054881.50	64.45	64.45

DISCCART	731246.38	4054906.50	64.50	64.50
DISCCART	731246.38	4054931.50	64.45	64.45
DISCCART	731246.38	4054956.50	64.43	64.43
DISCCART	731246.38	4054981.50	64.32	64.32
DISCCART	731246.38	4055006.50	64.22	64.22
DISCCART	731246.38	4055031.50	64.23	64.23
DISCCART	731246.38	4055056.50	64.24	64.24
DISCCART	731246.38	4055081.50	64.22	64.22
DISCCART	731246.38	4055106.50	64.16	64.16
DISCCART	731246.38	4055131.50	64.14	64.14
DISCCART	731246.38	4055156.50	64.14	64.14
DISCCART	731246.38	4055181.50	64.22	64.22
DISCCART	731246.38	4055206.50	64.24	64.24
DISCCART	731246.38	4055231.50	64.24	64.24
DISCCART	731246.38	4055256.50	64.25	64.25
DISCCART	731246.38	4055281.50	64.31	64.31
DISCCART	731246.38	4055306.50	64.35	64.35
DISCCART	731246.38	4055331.50	64.33	64.33
DISCCART	731271.38	4052331.50	69.46	69.46
DISCCART	731271.38	4052356.50	69.37	69.37
DISCCART	731271.38	4052381.50	69.27	69.27
DISCCART	731271.38	4052406.50	69.22	69.22
DISCCART	731271.38	4052431.50	69.08	69.08
DISCCART	731271.38	4052456.50	69.02	69.02
DISCCART	731271.38	4052481.50	68.91	68.91
DISCCART	731271.38	4052506.50	68.84	68.84
DISCCART	731271.38	4052531.50	68.68	68.68
DISCCART	731271.38	4052556.50	68.62	68.62
DISCCART	731271.38	4052581.50	68.54	68.54
DISCCART	731271.38	4052606.50	68.45	68.45
DISCCART	731271.38	4052631.50	68.35	68.35
DISCCART	731271.38	4052656.50	68.27	68.27
DISCCART	731271.38	4052681.50	68.20	68.20
DISCCART	731271.38	4052706.50	68.11	68.11
DISCCART	731271.38	4052731.50	68.04	68.04
DISCCART	731271.38	4052756.50	67.94	67.94
DISCCART	731271.38	4052781.50	67.84	67.84
DISCCART	731271.38	4052806.50	67.74	67.74
DISCCART	731271.38	4053981.50	64.94	64.94
DISCCART	731271.38	4054006.50	64.86	64.86
DISCCART	731271.38	4054031.50	64.84	64.84
DISCCART	731271.38	4054056.50	64.84	64.84
DISCCART	731271.38	4054781.50	64.44	64.44
DISCCART	731271.38	4054806.50	64.44	64.44
DISCCART	731271.38	4054831.50	64.44	64.44
DISCCART	731271.38	4054856.50	64.44	64.44
DISCCART	731271.38	4054881.50	64.34	64.34
DISCCART	731271.38	4054906.50	64.42	64.42
DISCCART	731271.38	4054931.50	64.39	64.39
DISCCART	731271.38	4054956.50	64.34	64.34
DISCCART	731271.38	4054981.50	64.25	64.25
DISCCART	731271.38	4055006.50	64.19	64.19
DISCCART	731271.38	4055031.50	64.14	64.14
DISCCART	731271.38	4055056.50	64.14	64.14
DISCCART	731271.38	4055081.50	64.11	64.11
DISCCART	731271.38	4055106.50	64.10	64.10
DISCCART	731271.38	4055131.50	64.14	64.14
DISCCART	731271.38	4055156.50	64.14	64.14
DISCCART	731271.38	4055181.50	64.17	64.17
DISCCART	731271.38	4055206.50	64.23	64.23
DISCCART	731271.38	4055231.50	64.24	64.24
DISCCART	731271.38	4055256.50	64.24	64.24
DISCCART	731271.38	4055281.50	64.24	64.24
DISCCART	731271.38	4055306.50	64.24	64.24
DISCCART	731271.38	4055331.50	64.24	64.24
DISCCART	731296.38	4052331.50	69.47	69.47
DISCCART	731296.38	4052356.50	69.34	69.34
DISCCART	731296.38	4052381.50	69.24	69.24
DISCCART	731296.38	4052406.50	69.14	69.14
DISCCART	731296.38	4052431.50	69.04	69.04
DISCCART	731296.38	4052456.50	68.95	68.95
DISCCART	731296.38	4052481.50	68.89	68.89
DISCCART	731296.38	4052506.50	68.75	68.75
DISCCART	731296.38	4052531.50	68.65	68.65
DISCCART	731296.38	4052556.50	68.59	68.59
DISCCART	731296.38	4052581.50	68.47	68.47
DISCCART	731296.38	4052606.50	68.40	68.40
DISCCART	731296.38	4052631.50	68.34	68.34
DISCCART	731296.38	4052656.50	68.24	68.24
DISCCART	731296.38	4052681.50	68.14	68.14
DISCCART	731296.38	4052706.50	68.04	68.04
DISCCART	731296.38	4052731.50	67.97	67.97
DISCCART	731296.38	4052756.50	67.85	67.85
DISCCART	731296.38	4052781.50	67.79	67.79
DISCCART	731296.38	4052806.50	67.73	67.73
DISCCART	731296.38	4053981.50	64.94	64.94
DISCCART	731296.38	4054006.50	64.86	64.86
DISCCART	731296.38	4054031.50	64.83	64.83
DISCCART	731296.38	4054056.50	64.83	64.83
DISCCART	731296.38	4054781.50	64.33	64.33
DISCCART	731296.38	4054806.50	64.35	64.35
DISCCART	731296.38	4054831.50	64.35	64.35
DISCCART	731296.38	4054856.50	64.33	64.33
DISCCART	731296.38	4054881.50	64.22	64.22
DISCCART	731296.38	4054906.50	64.32	64.32
DISCCART	731296.38	4054931.50	64.28	64.28
DISCCART	731296.38	4054956.50	64.24	64.24
DISCCART	731296.38	4054981.50	64.16	64.16
DISCCART	731296.38	4055006.50	64.16	64.16
DISCCART	731296.38	4055031.50	64.15	64.15
DISCCART	731296.38	4055056.50	64.10	64.10
DISCCART	731296.38	4055081.50	64.04	64.04
DISCCART	731296.38	4055106.50	64.05	64.05
DISCCART	731296.38	4055131.50	64.14	64.14
DISCCART	731296.38	4055156.50	64.14	64.14
DISCCART	731296.38	4055181.50	64.14	64.14
DISCCART	731296.38	4055206.50	64.14	64.14
DISCCART	731296.38	4055231.50	64.16	64.16
DISCCART	731296.38	4055256.50	64.16	64.16
DISCCART	731296.38	4055281.50	64.14	64.14
DISCCART	731296.38	4055306.50	64.16	64.16
DISCCART	731296.38	4055331.50	64.20	64.20
DISCCART	731321.38	4052331.50	69.44	69.44
DISCCART	731321.38	4052356.50	69.34	69.34
DISCCART	731321.38	4052381.50	69.24	69.24
DISCCART	731321.38	4052406.50	69.12	69.12
DISCCART	731321.38	4052431.50	69.03	69.03

DISCCART	731321.38	4052456.50	68.94	68.94
DISCCART	731321.38	4052481.50	68.84	68.84
DISCCART	731321.38	4052506.50	68.66	68.66
DISCCART	731321.38	4052531.50	68.61	68.61
DISCCART	731321.38	4052556.50	68.55	68.55
DISCCART	731321.38	4052581.50	68.45	68.45
DISCCART	731321.38	4052606.50	68.35	68.35
DISCCART	731321.38	4052631.50	68.26	68.26
DISCCART	731321.38	4052656.50	68.17	68.17
DISCCART	731321.38	4052681.50	68.10	68.10
DISCCART	731321.38	4052706.50	68.03	68.03
DISCCART	731321.38	4052731.50	67.94	67.94
DISCCART	731321.38	4052756.50	67.84	67.84
DISCCART	731321.38	4052781.50	67.74	67.74
DISCCART	731321.38	4052806.50	67.65	67.65
DISCCART	731321.38	4053981.50	64.93	64.93
DISCCART	731321.38	4054006.50	64.84	64.84
DISCCART	731321.38	4054031.50	64.77	64.77
DISCCART	731321.38	4054056.50	64.74	64.74
DISCCART	731321.38	4054781.50	64.20	64.20
DISCCART	731321.38	4054806.50	64.24	64.24
DISCCART	731321.38	4054831.50	64.24	64.24
DISCCART	731321.38	4054856.50	64.19	64.19
DISCCART	731321.38	4054881.50	64.14	64.14
DISCCART	731321.38	4054906.50	64.19	64.19
DISCCART	731321.38	4054931.50	64.19	64.19
DISCCART	731321.38	4054956.50	64.03	64.03
DISCCART	731321.38	4054981.50	64.05	64.05
DISCCART	731321.38	4055006.50	64.14	64.14
DISCCART	731321.38	4055031.50	64.10	64.10
DISCCART	731321.38	4055056.50	64.04	64.04
DISCCART	731321.38	4055081.50	64.04	64.04
DISCCART	731321.38	4055106.50	64.04	64.04
DISCCART	731321.38	4055131.50	64.04	64.04
DISCCART	731321.38	4055156.50	64.08	64.08
DISCCART	731321.38	4055181.50	64.09	64.09
DISCCART	731321.38	4055206.50	64.07	64.07
DISCCART	731321.38	4055231.50	64.04	64.04
DISCCART	731321.38	4055256.50	64.09	64.09
DISCCART	731321.38	4055281.50	64.14	64.14
DISCCART	731321.38	4055306.50	64.14	64.14
DISCCART	731321.38	4055331.50	64.14	64.14
DISCCART	731346.38	4052331.50	69.38	69.38
DISCCART	731346.38	4052356.50	69.25	69.25
DISCCART	731346.38	4052381.50	69.18	69.18
DISCCART	731346.38	4052406.50	69.12	69.12
DISCCART	731346.38	4052431.50	68.94	68.94
DISCCART	731346.38	4052456.50	68.90	68.90
DISCCART	731346.38	4052481.50	68.80	68.80
DISCCART	731346.38	4052506.50	68.64	68.64
DISCCART	731346.38	4052531.50	68.55	68.55
DISCCART	731346.38	4052556.50	68.50	68.50
DISCCART	731346.38	4052581.50	68.44	68.44
DISCCART	731346.38	4052606.50	68.34	68.34
DISCCART	731346.38	4052631.50	68.24	68.24
DISCCART	731346.38	4052656.50	68.14	68.14
DISCCART	731346.38	4052681.50	68.04	68.04
DISCCART	731346.38	4052706.50	67.94	67.94
DISCCART	731346.38	4052731.50	67.87	67.87
DISCCART	731346.38	4052756.50	67.81	67.81
DISCCART	731346.38	4052781.50	67.69	67.69
DISCCART	731346.38	4052806.50	67.62	67.62
DISCCART	731346.38	4053981.50	64.93	64.93
DISCCART	731346.38	4054006.50	64.84	64.84
DISCCART	731346.38	4054031.50	64.74	64.74
DISCCART	731346.38	4054056.50	64.70	64.70
DISCCART	731346.38	4054781.50	64.13	64.13
DISCCART	731346.38	4054806.50	64.08	64.08
DISCCART	731346.38	4054831.50	64.15	64.15
DISCCART	731346.38	4054856.50	64.05	64.05
DISCCART	731346.38	4054881.50	64.02	64.02
DISCCART	731346.38	4054906.50	64.12	64.12
DISCCART	731346.38	4054931.50	64.10	64.10
DISCCART	731346.38	4054956.50	63.94	63.94
DISCCART	731346.38	4054981.50	64.00	64.00
DISCCART	731346.38	4055006.50	64.00	64.00
DISCCART	731346.38	4055031.50	63.96	63.96
DISCCART	731346.38	4055056.50	64.02	64.02
DISCCART	731346.38	4055081.50	64.04	64.04
DISCCART	731346.38	4055106.50	64.04	64.04
DISCCART	731346.38	4055131.50	64.03	64.03
DISCCART	731346.38	4055156.50	63.97	63.97
DISCCART	731346.38	4055181.50	64.02	64.02
DISCCART	731346.38	4055206.50	64.03	64.03
DISCCART	731346.38	4055231.50	64.04	64.04
DISCCART	731346.38	4055256.50	64.04	64.04
DISCCART	731346.38	4055281.50	64.04	64.04
DISCCART	731346.38	4055306.50	64.06	64.06
DISCCART	731346.38	4055331.50	64.12	64.12
DISCCART	731371.38	4052331.50	69.35	69.35
DISCCART	731371.38	4052356.50	69.22	69.22
DISCCART	731371.38	4052381.50	69.16	69.16
DISCCART	731371.38	4052406.50	69.01	69.01
DISCCART	731371.38	4052431.50	68.89	68.89
DISCCART	731371.38	4052456.50	68.86	68.86
DISCCART	731371.38	4052481.50	68.67	68.67
DISCCART	731371.38	4052506.50	68.62	68.62
DISCCART	731371.38	4052531.50	68.54	68.54
DISCCART	731371.38	4052556.50	68.44	68.44
DISCCART	731371.38	4052581.50	68.35	68.35
DISCCART	731371.38	4052606.50	68.27	68.27
DISCCART	731371.38	4052631.50	68.20	68.20
DISCCART	731371.38	4052656.50	68.12	68.12
DISCCART	731371.38	4052681.50	68.00	68.00
DISCCART	731371.38	4052706.50	67.93	67.93
DISCCART	731371.38	4052731.50	67.83	67.83
DISCCART	731371.38	4052756.50	67.74	67.74
DISCCART	731371.38	4052781.50	67.64	67.64
DISCCART	731371.38	4052806.50	67.55	67.55
DISCCART	731371.38	4053981.50	64.94	64.94
DISCCART	731371.38	4054006.50	64.84	64.84
DISCCART	731371.38	4054031.50	64.74	64.74
DISCCART	731371.38	4054056.50	64.65	64.65
DISCCART	731371.38	4054781.50	64.04	64.04
DISCCART	731371.38	4054806.50	63.94	63.94
DISCCART	731371.38	4054831.50	64.02	64.02
DISCCART	731371.38	4054856.50	63.99	63.99

DISCCART	731371.38	4054881.50	63.88	63.88
DISCCART	731371.38	4054906.50	63.99	63.99
DISCCART	731371.38	4054931.50	63.84	63.84
DISCCART	731371.38	4054956.50	63.87	63.87
DISCCART	731371.38	4054981.50	63.90	63.90
DISCCART	731371.38	4055006.50	63.86	63.86
DISCCART	731371.38	4055031.50	63.94	63.94
DISCCART	731371.38	4055056.50	63.94	63.94
DISCCART	731371.38	4055081.50	63.94	63.94
DISCCART	731371.38	4055106.50	63.94	63.94
DISCCART	731371.38	4055131.50	63.94	63.94
DISCCART	731371.38	4055156.50	63.94	63.94
DISCCART	731371.38	4055181.50	63.94	63.94
DISCCART	731371.38	4055206.50	63.94	63.94
DISCCART	731371.38	4055231.50	63.97	63.97
DISCCART	731371.38	4055256.50	64.00	64.00
DISCCART	731371.38	4055281.50	64.04	64.04
DISCCART	731371.38	4055306.50	64.04	64.04
DISCCART	731371.38	4055331.50	64.04	64.04
DISCCART	731396.38	4052331.50	69.28	69.28
DISCCART	731396.38	4052356.50	69.15	69.15
DISCCART	731396.38	4052381.50	69.04	69.04
DISCCART	731396.38	4052406.50	68.96	68.96
DISCCART	731396.38	4052431.50	68.80	68.80
DISCCART	731396.38	4052456.50	68.77	68.77
DISCCART	731396.38	4052481.50	68.55	68.55
DISCCART	731396.38	4052506.50	68.54	68.54
DISCCART	731396.38	4052531.50	68.48	68.48
DISCCART	731396.38	4052556.50	68.41	68.41
DISCCART	731396.38	4052581.50	68.34	68.34
DISCCART	731396.38	4052606.50	68.24	68.24
DISCCART	731396.38	4052631.50	68.14	68.14
DISCCART	731396.38	4052656.50	68.04	68.04
DISCCART	731396.38	4052681.50	67.94	67.94
DISCCART	731396.38	4052706.50	67.84	67.84
DISCCART	731396.38	4052731.50	67.78	67.78
DISCCART	731396.38	4052756.50	67.70	67.70
DISCCART	731396.38	4052781.50	67.62	67.62
DISCCART	731396.38	4052806.50	67.51	67.51
DISCCART	731396.38	4053981.50	64.94	64.94
DISCCART	731396.38	4054006.50	64.84	64.84
DISCCART	731396.38	4054031.50	64.74	64.74
DISCCART	731396.38	4054056.50	64.65	64.65
DISCCART	731396.38	4054781.50	63.85	63.85
DISCCART	731396.38	4054806.50	63.91	63.91
DISCCART	731396.38	4054831.50	63.83	63.83
DISCCART	731396.38	4054856.50	63.85	63.85
DISCCART	731396.38	4054881.50	63.66	63.66
DISCCART	731396.38	4054906.50	63.76	63.76
DISCCART	731396.38	4054931.50	63.70	63.70
DISCCART	731396.38	4054956.50	63.79	63.79
DISCCART	731396.38	4054981.50	63.76	63.76
DISCCART	731396.38	4055006.50	63.84	63.84
DISCCART	731396.38	4055031.50	63.83	63.83
DISCCART	731396.38	4055056.50	63.85	63.85
DISCCART	731396.38	4055081.50	63.84	63.84
DISCCART	731396.38	4055106.50	63.85	63.85
DISCCART	731396.38	4055131.50	63.93	63.93
DISCCART	731396.38	4055156.50	63.92	63.92
DISCCART	731396.38	4055181.50	63.94	63.94
DISCCART	731396.38	4055206.50	63.94	63.94
DISCCART	731396.38	4055231.50	63.94	63.94
DISCCART	731396.38	4055256.50	63.94	63.94
DISCCART	731396.38	4055281.50	63.95	63.95
DISCCART	731396.38	4055306.50	63.97	63.97
DISCCART	731396.38	4055331.50	64.02	64.02
DISCCART	731421.38	4052331.50	69.20	69.20
DISCCART	731421.38	4052356.50	69.03	69.03
DISCCART	731421.38	4052381.50	68.94	68.94
DISCCART	731421.38	4052406.50	68.82	68.82
DISCCART	731421.38	4052431.50	68.61	68.61
DISCCART	731421.38	4052456.50	68.53	68.53
DISCCART	731421.38	4052481.50	68.54	68.54
DISCCART	731421.38	4052506.50	68.54	68.54
DISCCART	731421.38	4052531.50	68.44	68.44
DISCCART	731421.38	4052556.50	68.35	68.35
DISCCART	731421.38	4052581.50	68.27	68.27
DISCCART	731421.38	4052606.50	68.17	68.17
DISCCART	731421.38	4052631.50	68.10	68.10
DISCCART	731421.38	4052656.50	68.03	68.03
DISCCART	731421.38	4052681.50	67.93	67.93
DISCCART	731421.38	4052706.50	67.83	67.83
DISCCART	731421.38	4052731.50	67.74	67.74
DISCCART	731421.38	4052756.50	67.65	67.65
DISCCART	731421.38	4052781.50	67.54	67.54
DISCCART	731421.38	4052806.50	67.46	67.46
DISCCART	731421.38	4053981.50	64.94	64.94
DISCCART	731421.38	4054006.50	64.84	64.84
DISCCART	731421.38	4054031.50	64.74	64.74
DISCCART	731421.38	4054056.50	64.64	64.64
DISCCART	731421.38	4054781.50	63.80	63.80
DISCCART	731421.38	4054806.50	63.74	63.74
DISCCART	731421.38	4054831.50	63.70	63.70
DISCCART	731421.38	4054856.50	63.69	63.69
DISCCART	731421.38	4054881.50	63.57	63.57
DISCCART	731421.38	4054906.50	63.58	63.58
DISCCART	731421.38	4054931.50	63.64	63.64
DISCCART	731421.38	4054956.50	63.64	63.64
DISCCART	731421.38	4054981.50	63.73	63.73
DISCCART	731421.38	4055006.50	63.73	63.73
DISCCART	731421.38	4055031.50	63.74	63.74
DISCCART	731421.38	4055056.50	63.77	63.77
DISCCART	731421.38	4055081.50	63.84	63.84
DISCCART	731421.38	4055106.50	63.84	63.84
DISCCART	731421.38	4055131.50	63.84	63.84
DISCCART	731421.38	4055156.50	63.84	63.84
DISCCART	731421.38	4055181.50	63.84	63.84
DISCCART	731421.38	4055206.50	63.89	63.89
DISCCART	731421.38	4055231.50	63.94	63.94
DISCCART	731421.38	4055256.50	63.94	63.94
DISCCART	731421.38	4055281.50	63.94	63.94
DISCCART	731421.38	4055306.50	63.94	63.94
DISCCART	731421.38	4055331.50	63.94	63.94
DISCCART	731446.38	4052331.50	69.07	69.07
DISCCART	731446.38	4052356.50	68.93	68.93
DISCCART	731446.38	4052381.50	68.66	68.66
DISCCART	731446.38	4052406.50	68.40	68.40

DISCCART	731446.38	4052431.50	68.29	68.29
DISCCART	731446.38	4052456.50	68.39	68.39
DISCCART	731446.38	4052481.50	68.51	68.51
DISCCART	731446.38	4052506.50	68.45	68.45
DISCCART	731446.38	4052531.50	68.43	68.43
DISCCART	731446.38	4052556.50	68.34	68.34
DISCCART	731446.38	4052581.50	68.24	68.24
DISCCART	731446.38	4052606.50	68.14	68.14
DISCCART	731446.38	4052631.50	68.04	68.04
DISCCART	731446.38	4052656.50	67.95	67.95
DISCCART	731446.38	4052681.50	67.88	67.88
DISCCART	731446.38	4052706.50	67.76	67.76
DISCCART	731446.38	4052731.50	67.69	67.69
DISCCART	731446.38	4052756.50	67.59	67.59
DISCCART	731446.38	4052781.50	67.49	67.49
DISCCART	731446.38	4052806.50	67.41	67.41
DISCCART	731446.38	4053981.50	64.94	64.94
DISCCART	731446.38	4054006.50	64.84	64.84
DISCCART	731446.38	4054031.50	64.74	64.74
DISCCART	731446.38	4054056.50	64.64	64.64
DISCCART	731446.38	4054781.50	63.67	63.67
DISCCART	731446.38	4054806.50	63.64	63.64
DISCCART	731446.38	4054831.50	63.58	63.58
DISCCART	731446.38	4054856.50	63.53	63.53
DISCCART	731446.38	4054881.50	63.45	63.45
DISCCART	731446.38	4054906.50	63.50	63.50
DISCCART	731446.38	4054931.50	63.55	63.55
DISCCART	731446.38	4054956.50	63.59	63.59
DISCCART	731446.38	4054981.50	63.64	63.64
DISCCART	731446.38	4055006.50	63.68	63.68
DISCCART	731446.38	4055031.50	63.74	63.74
DISCCART	731446.38	4055056.50	63.74	63.74
DISCCART	731446.38	4055081.50	63.74	63.74
DISCCART	731446.38	4055106.50	63.75	63.75
DISCCART	731446.38	4055131.50	63.75	63.75
DISCCART	731446.38	4055156.50	63.83	63.83
DISCCART	731446.38	4055181.50	63.84	63.84
DISCCART	731446.38	4055206.50	63.84	63.84
DISCCART	731446.38	4055231.50	63.84	63.84
DISCCART	731446.38	4055256.50	63.86	63.86
DISCCART	731446.38	4055281.50	63.86	63.86
DISCCART	731446.38	4055306.50	63.92	63.92
DISCCART	731446.38	4055331.50	63.92	63.92
DISCCART	731471.38	4052331.50	69.08	69.08
DISCCART	731471.38	4052356.50	68.80	68.80
DISCCART	731471.38	4052381.50	68.43	68.43
DISCCART	731471.38	4052406.50	68.06	68.06
DISCCART	731471.38	4052431.50	67.98	67.98
DISCCART	731471.38	4052456.50	68.22	68.22
DISCCART	731471.38	4052481.50	68.43	68.43
DISCCART	731471.38	4052506.50	68.44	68.44
DISCCART	731471.38	4052531.50	68.35	68.35
DISCCART	731471.38	4052556.50	68.27	68.27
DISCCART	731471.38	4052581.50	68.18	68.18
DISCCART	731471.38	4052606.50	68.13	68.13
DISCCART	731471.38	4052631.50	68.00	68.00
DISCCART	731471.38	4052656.50	67.93	67.93
DISCCART	731471.38	4052681.50	67.83	67.83
DISCCART	731471.38	4052706.50	67.73	67.73
DISCCART	731471.38	4052731.50	67.64	67.64
DISCCART	731471.38	4052756.50	67.55	67.55
DISCCART	731471.38	4052781.50	67.44	67.44
DISCCART	731471.38	4052806.50	67.36	67.36
DISCCART	731471.38	4053981.50	64.94	64.94
DISCCART	731471.38	4054006.50	64.84	64.84
DISCCART	731471.38	4054031.50	64.74	64.74
DISCCART	731471.38	4054056.50	64.64	64.64
DISCCART	731471.38	4054781.50	63.64	63.64
DISCCART	731471.38	4054806.50	63.57	63.57
DISCCART	731471.38	4054831.50	63.48	63.48
DISCCART	731471.38	4054856.50	63.43	63.43
DISCCART	731471.38	4054881.50	63.34	63.34
DISCCART	731471.38	4054906.50	63.43	63.43
DISCCART	731471.38	4054931.50	63.50	63.50
DISCCART	731471.38	4054956.50	63.54	63.54
DISCCART	731471.38	4054981.50	63.64	63.64
DISCCART	731471.38	4055006.50	63.64	63.64
DISCCART	731471.38	4055031.50	63.67	63.67
DISCCART	731471.38	4055056.50	63.70	63.70
DISCCART	731471.38	4055081.50	63.74	63.74
DISCCART	731471.38	4055106.50	63.74	63.74
DISCCART	731471.38	4055131.50	63.74	63.74
DISCCART	731471.38	4055156.50	63.74	63.74
DISCCART	731471.38	4055181.50	63.74	63.74
DISCCART	731471.38	4055206.50	63.79	63.79
DISCCART	731471.38	4055231.50	63.82	63.82
DISCCART	731471.38	4055256.50	63.84	63.84
DISCCART	731471.38	4055281.50	63.84	63.84
DISCCART	731471.38	4055306.50	63.84	63.84
DISCCART	731471.38	4055331.50	63.84	63.84
DISCCART	731496.38	4052331.50	68.92	68.92
DISCCART	731496.38	4052356.50	68.63	68.63
DISCCART	731496.38	4052381.50	68.30	68.30
DISCCART	731496.38	4052406.50	68.02	68.02
DISCCART	731496.38	4052431.50	67.94	67.94
DISCCART	731496.38	4052456.50	68.01	68.01
DISCCART	731496.38	4052481.50	68.33	68.33
DISCCART	731496.38	4052506.50	68.35	68.35
DISCCART	731496.38	4052531.50	68.34	68.34
DISCCART	731496.38	4052556.50	68.24	68.24
DISCCART	731496.38	4052581.50	68.14	68.14
DISCCART	731496.38	4052606.50	68.04	68.04
DISCCART	731496.38	4052631.50	67.94	67.94
DISCCART	731496.38	4052656.50	67.85	67.85
DISCCART	731496.38	4052681.50	67.78	67.78
DISCCART	731496.38	4052706.50	67.66	67.66
DISCCART	731496.38	4052731.50	67.58	67.58
DISCCART	731496.38	4052756.50	67.49	67.49
DISCCART	731496.38	4052781.50	67.38	67.38
DISCCART	731496.38	4052806.50	67.31	67.31
DISCCART	731496.38	4053981.50	64.94	64.94
DISCCART	731496.38	4054006.50	64.84	64.84
DISCCART	731496.38	4054031.50	64.74	64.74
DISCCART	731496.38	4054056.50	64.64	64.64
DISCCART	731496.38	4054806.50	63.54	63.54
DISCCART	731496.38	4054831.50	63.44	63.44
DISCCART	731496.38	4054856.50	63.35	63.35

DISCCART	731496.38	4054881.50	63.34	63.34
DISCCART	731496.38	4054906.50	63.38	63.38
DISCCART	731496.38	4054931.50	63.44	63.44
DISCCART	731496.38	4054956.50	63.53	63.53
DISCCART	731496.38	4054981.50	63.54	63.54
DISCCART	731496.38	4055006.50	63.62	63.62
DISCCART	731496.38	4055031.50	63.64	63.64
DISCCART	731496.38	4055056.50	63.64	63.64
DISCCART	731496.38	4055081.50	63.64	63.64
DISCCART	731496.38	4055106.50	63.64	63.64
DISCCART	731496.38	4055131.50	63.65	63.65
DISCCART	731496.38	4055156.50	63.73	63.73
DISCCART	731496.38	4055181.50	63.73	63.73
DISCCART	731496.38	4055206.50	63.74	63.74
DISCCART	731496.38	4055231.50	63.74	63.74
DISCCART	731496.38	4055256.50	63.74	63.74
DISCCART	731496.38	4055281.50	63.75	63.75
DISCCART	731496.38	4055306.50	63.75	63.75
DISCCART	731496.38	4055331.50	63.82	63.82
DISCCART	731521.38	4052331.50	68.87	68.87
DISCCART	731521.38	4052356.50	68.52	68.52
DISCCART	731521.38	4052381.50	68.27	68.27
DISCCART	731521.38	4052406.50	68.02	68.02
DISCCART	731521.38	4052431.50	67.94	67.94
DISCCART	731521.38	4052456.50	67.96	67.96
DISCCART	731521.38	4052481.50	68.21	68.21
DISCCART	731521.38	4052506.50	68.34	68.34
DISCCART	731521.38	4052531.50	68.28	68.28
DISCCART	731521.38	4052556.50	68.17	68.17
DISCCART	731521.38	4052581.50	68.08	68.08
DISCCART	731521.38	4052606.50	68.02	68.02
DISCCART	731521.38	4052631.50	67.90	67.90
DISCCART	731521.38	4052656.50	67.83	67.83
DISCCART	731521.38	4052681.50	67.73	67.73
DISCCART	731521.38	4052706.50	67.62	67.62
DISCCART	731521.38	4052731.50	67.54	67.54
DISCCART	731521.38	4052756.50	67.45	67.45
DISCCART	731521.38	4052781.50	67.34	67.34
DISCCART	731521.38	4052806.50	67.25	67.25
DISCCART	731521.38	4053981.50	64.94	64.94
DISCCART	731521.38	4054006.50	64.84	64.84
DISCCART	731521.38	4054031.50	64.74	64.74
DISCCART	731521.38	4054056.50	64.64	64.64
DISCCART	731521.38	4054806.50	63.53	63.53
DISCCART	731521.38	4054831.50	63.44	63.44
DISCCART	731521.38	4054856.50	63.36	63.36
DISCCART	731521.38	4054881.50	63.34	63.34
DISCCART	731521.38	4054906.50	63.38	63.38
DISCCART	731521.38	4054931.50	63.44	63.44
DISCCART	731521.38	4054956.50	63.50	63.50
DISCCART	731521.38	4054981.50	63.54	63.54
DISCCART	731521.38	4055006.50	63.54	63.54
DISCCART	731521.38	4055031.50	63.54	63.54
DISCCART	731521.38	4055056.50	63.60	63.60
DISCCART	731521.38	4055081.50	63.64	63.64
DISCCART	731521.38	4055106.50	63.64	63.64
DISCCART	731521.38	4055131.50	63.64	63.64
DISCCART	731521.38	4055156.50	63.64	63.64
DISCCART	731521.38	4055181.50	63.64	63.64
DISCCART	731521.38	4055206.50	63.66	63.66
DISCCART	731521.38	4055231.50	63.69	63.69
DISCCART	731521.38	4055256.50	63.73	63.73
DISCCART	731521.38	4055281.50	63.74	63.74
DISCCART	731521.38	4055306.50	63.74	63.74
DISCCART	731521.38	4055331.50	63.74	63.74
DISCCART	731546.38	4052331.50	68.77	68.77
DISCCART	731546.38	4052356.50	68.52	68.52
DISCCART	731546.38	4052381.50	68.27	68.27
DISCCART	731546.38	4052406.50	68.02	68.02
DISCCART	731546.38	4052431.50	67.94	67.94
DISCCART	731546.38	4052456.50	67.94	67.94
DISCCART	731546.38	4052481.50	68.12	68.12
DISCCART	731546.38	4052506.50	68.31	68.31
DISCCART	731546.38	4052531.50	68.24	68.24
DISCCART	731546.38	4052556.50	68.14	68.14
DISCCART	731546.38	4052581.50	68.04	68.04
DISCCART	731546.38	4052606.50	67.95	67.95
DISCCART	731546.38	4052631.50	67.84	67.84
DISCCART	731546.38	4052656.50	67.75	67.75
DISCCART	731546.38	4052681.50	67.64	67.64
DISCCART	731546.38	4052706.50	67.56	67.56
DISCCART	731546.38	4052731.50	67.46	67.46
DISCCART	731546.38	4052756.50	67.36	67.36
DISCCART	731546.38	4052781.50	67.27	67.27
DISCCART	731546.38	4052806.50	67.20	67.20
DISCCART	731546.38	4053981.50	64.94	64.94
DISCCART	731546.38	4054006.50	64.84	64.84
DISCCART	731546.38	4054031.50	64.74	64.74
DISCCART	731546.38	4054056.50	64.65	64.65
DISCCART	731546.38	4054806.50	63.44	63.44
DISCCART	731546.38	4054831.50	63.43	63.43
DISCCART	731546.38	4054856.50	63.34	63.34
DISCCART	731546.38	4054881.50	63.34	63.34
DISCCART	731546.38	4054906.50	63.34	63.34
DISCCART	731546.38	4054931.50	63.44	63.44
DISCCART	731546.38	4054956.50	63.45	63.45
DISCCART	731546.38	4054981.50	63.51	63.51
DISCCART	731546.38	4055006.50	63.54	63.54
DISCCART	731546.38	4055031.50	63.54	63.54
DISCCART	731546.38	4055056.50	63.54	63.54
DISCCART	731546.38	4055081.50	63.54	63.54
DISCCART	731546.38	4055106.50	63.55	63.55
DISCCART	731546.38	4055131.50	63.59	63.59
DISCCART	731546.38	4055156.50	63.62	63.62
DISCCART	731546.38	4055181.50	63.64	63.64
DISCCART	731546.38	4055206.50	63.64	63.64
DISCCART	731546.38	4055231.50	63.64	63.64
DISCCART	731546.38	4055256.50	63.64	63.64
DISCCART	731546.38	4055281.50	63.64	63.64
DISCCART	731546.38	4055306.50	63.65	63.65
DISCCART	731546.38	4055331.50	63.72	63.72
DISCCART	731571.38	4052331.50	68.78	68.78
DISCCART	731571.38	4052356.50	68.49	68.49
DISCCART	731571.38	4052381.50	68.26	68.26
DISCCART	731571.38	4052406.50	68.02	68.02
DISCCART	731571.38	4052431.50	67.94	67.94
DISCCART	731571.38	4052456.50	67.94	67.94

DISCCART	731571.38	4052481.50	68.09	68.09
DISCCART	731571.38	4052506.50	68.24	68.24
DISCCART	731571.38	4052531.50	68.20	68.20
DISCCART	731571.38	4052556.50	68.12	68.12
DISCCART	731571.38	4052581.50	68.00	68.00
DISCCART	731571.38	4052606.50	67.91	67.91
DISCCART	731571.38	4052631.50	67.80	67.80
DISCCART	731571.38	4052656.50	67.70	67.70
DISCCART	731571.38	4052681.50	67.60	67.60
DISCCART	731571.38	4052706.50	67.52	67.52
DISCCART	731571.38	4052731.50	67.44	67.44
DISCCART	731571.38	4052756.50	67.32	67.32
DISCCART	731571.38	4052781.50	67.24	67.24
DISCCART	731571.38	4052806.50	67.13	67.13
DISCCART	731571.38	4052831.50	67.04	67.04
DISCCART	731571.38	4053981.50	64.93	64.93
DISCCART	731571.38	4054006.50	64.84	64.84
DISCCART	731571.38	4054031.50	64.74	64.74
DISCCART	731571.38	4054056.50	64.65	64.65
DISCCART	731571.38	4054806.50	63.39	63.39
DISCCART	731571.38	4054831.50	63.38	63.38
DISCCART	731571.38	4054856.50	63.34	63.34
DISCCART	731571.38	4054881.50	63.34	63.34
DISCCART	731571.38	4054906.50	63.34	63.34
DISCCART	731571.38	4054931.50	63.43	63.43
DISCCART	731571.38	4054956.50	63.44	63.44
DISCCART	731571.38	4054981.50	63.44	63.44
DISCCART	731571.38	4055006.50	63.44	63.44
DISCCART	731571.38	4055031.50	63.47	63.47
DISCCART	731571.38	4055056.50	63.49	63.49
DISCCART	731571.38	4055081.50	63.54	63.54
DISCCART	731571.38	4055106.50	63.54	63.54
DISCCART	731571.38	4055131.50	63.54	63.54
DISCCART	731571.38	4055156.50	63.54	63.54
DISCCART	731571.38	4055181.50	63.54	63.54
DISCCART	731571.38	4055206.50	63.54	63.54
DISCCART	731571.38	4055231.50	63.59	63.59
DISCCART	731571.38	4055256.50	63.58	63.58
DISCCART	731571.38	4055281.50	63.64	63.64
DISCCART	731571.38	4055306.50	63.64	63.64
DISCCART	731571.38	4055331.50	63.64	63.64
DISCCART	731596.38	4052331.50	68.67	68.67
DISCCART	731596.38	4052356.50	68.42	68.42
DISCCART	731596.38	4052381.50	68.23	68.23
DISCCART	731596.38	4052406.50	68.02	68.02
DISCCART	731596.38	4052431.50	67.94	67.94
DISCCART	731596.38	4052456.50	67.94	67.94
DISCCART	731596.38	4052481.50	67.97	67.97
DISCCART	731596.38	4052506.50	68.16	68.16
DISCCART	731596.38	4052531.50	68.14	68.14
DISCCART	731596.38	4052556.50	68.05	68.05
DISCCART	731596.38	4052581.50	67.98	67.98
DISCCART	731596.38	4052606.50	67.86	67.86
DISCCART	731596.38	4052631.50	67.74	67.74
DISCCART	731596.38	4052656.50	67.65	67.65
DISCCART	731596.38	4052681.50	67.54	67.54
DISCCART	731596.38	4052706.50	67.45	67.45
DISCCART	731596.38	4052731.50	67.34	67.34
DISCCART	731596.38	4052756.50	67.26	67.26
DISCCART	731596.38	4052781.50	67.16	67.16
DISCCART	731596.38	4052806.50	67.05	67.05
DISCCART	731596.38	4052831.50	66.98	66.98
DISCCART	731596.38	4053981.50	64.93	64.93
DISCCART	731596.38	4054006.50	64.84	64.84
DISCCART	731596.38	4054031.50	64.73	64.73
DISCCART	731596.38	4054056.50	64.64	64.64
DISCCART	731596.38	4054806.50	63.34	63.34
DISCCART	731596.38	4054831.50	63.34	63.34
DISCCART	731596.38	4054856.50	63.34	63.34
DISCCART	731596.38	4054881.50	63.34	63.34
DISCCART	731596.38	4054906.50	63.34	63.34
DISCCART	731596.38	4054931.50	63.34	63.34
DISCCART	731596.38	4054956.50	63.35	63.35
DISCCART	731596.38	4054981.50	63.36	63.36
DISCCART	731596.38	4055006.50	63.42	63.42
DISCCART	731596.38	4055031.50	63.44	63.44
DISCCART	731596.38	4055056.50	63.44	63.44
DISCCART	731596.38	4055081.50	63.44	63.44
DISCCART	731596.38	4055106.50	63.45	63.45
DISCCART	731596.38	4055131.50	63.46	63.46
DISCCART	731596.38	4055156.50	63.52	63.52
DISCCART	731596.38	4055181.50	63.52	63.52
DISCCART	731596.38	4055206.50	63.54	63.54
DISCCART	731596.38	4055231.50	63.54	63.54
DISCCART	731596.38	4055256.50	63.54	63.54
DISCCART	731596.38	4055281.50	63.54	63.54
DISCCART	731596.38	4055306.50	63.55	63.55
DISCCART	731596.38	4055331.50	63.62	63.62
DISCCART	731621.38	4052331.50	68.67	68.67
DISCCART	731621.38	4052356.50	68.42	68.42
DISCCART	731621.38	4052381.50	68.17	68.17
DISCCART	731621.38	4052406.50	68.02	68.02
DISCCART	731621.38	4052431.50	67.94	67.94
DISCCART	731621.38	4052456.50	67.94	67.94
DISCCART	731621.38	4052481.50	67.95	67.95
DISCCART	731621.38	4052506.50	68.14	68.14
DISCCART	731621.38	4052531.50	68.13	68.13
DISCCART	731621.38	4052556.50	68.02	68.02
DISCCART	731621.38	4052581.50	67.93	67.93
DISCCART	731621.38	4052606.50	67.82	67.82
DISCCART	731621.38	4052756.50	67.21	67.21
DISCCART	731621.38	4052781.50	67.10	67.10
DISCCART	731621.38	4052806.50	67.03	67.03
DISCCART	731621.38	4052831.50	66.94	66.94
DISCCART	731621.38	4053981.50	64.93	64.93
DISCCART	731621.38	4054006.50	64.84	64.84
DISCCART	731621.38	4054031.50	64.73	64.73
DISCCART	731621.38	4054056.50	64.60	64.60
DISCCART	731621.38	4054081.50	64.54	64.54
DISCCART	731621.38	4054806.50	63.27	63.27
DISCCART	731621.38	4054831.50	63.24	63.24
DISCCART	731621.38	4054856.50	63.24	63.24
DISCCART	731621.38	4054881.50	63.24	63.24
DISCCART	731621.38	4054906.50	63.28	63.28
DISCCART	731621.38	4054931.50	63.34	63.34
DISCCART	731621.38	4054956.50	63.34	63.34
DISCCART	731621.38	4054981.50	63.34	63.34

DISCCART	731621.38	4055006.50	63.34	63.34
DISCCART	731621.38	4055031.50	63.34	63.34
DISCCART	731621.38	4055056.50	63.39	63.39
DISCCART	731621.38	4055081.50	63.42	63.42
DISCCART	731621.38	4055106.50	63.44	63.44
DISCCART	731621.38	4055131.50	63.44	63.44
DISCCART	731621.38	4055156.50	63.44	63.44
DISCCART	731621.38	4055181.50	63.44	63.44
DISCCART	731621.38	4055206.50	63.44	63.44
DISCCART	731621.38	4055231.50	63.44	63.44
DISCCART	731621.38	4055256.50	63.48	63.48
DISCCART	731621.38	4055281.50	63.54	63.54
DISCCART	731621.38	4055306.50	63.54	63.54
DISCCART	731621.38	4055331.50	63.54	63.54
DISCCART	731646.38	4052331.50	68.67	68.67
DISCCART	731646.38	4052356.50	68.42	68.42
DISCCART	731646.38	4052381.50	68.17	68.17
DISCCART	731646.38	4052406.50	68.02	68.02
DISCCART	731646.38	4052756.50	67.14	67.14
DISCCART	731646.38	4052781.50	67.05	67.05
DISCCART	731646.38	4052806.50	66.94	66.94
DISCCART	731646.38	4052831.50	66.84	66.84
DISCCART	731646.38	4053981.50	64.93	64.93
DISCCART	731646.38	4054006.50	64.84	64.84
DISCCART	731646.38	4054031.50	64.73	64.73
DISCCART	731646.38	4054056.50	64.60	64.60
DISCCART	731646.38	4054081.50	64.47	64.47
DISCCART	731646.38	4054806.50	63.24	63.24
DISCCART	731646.38	4054831.50	63.24	63.24
DISCCART	731646.38	4054856.50	63.24	63.24
DISCCART	731646.38	4054881.50	63.24	63.24
DISCCART	731646.38	4054906.50	63.24	63.24
DISCCART	731646.38	4054931.50	63.24	63.24
DISCCART	731646.38	4054956.50	63.26	63.26
DISCCART	731646.38	4054981.50	63.26	63.26
DISCCART	731646.38	4055006.50	63.32	63.32
DISCCART	731646.38	4055031.50	63.34	63.34
DISCCART	731646.38	4055056.50	63.34	63.34
DISCCART	731646.38	4055081.50	63.34	63.34
DISCCART	731646.38	4055106.50	63.34	63.34
DISCCART	731646.38	4055131.50	63.36	63.36
DISCCART	731646.38	4055156.50	63.35	63.35
DISCCART	731646.38	4055181.50	63.42	63.42
DISCCART	731646.38	4055206.50	63.42	63.42
DISCCART	731646.38	4055231.50	63.44	63.44
DISCCART	731646.38	4055256.50	63.44	63.44
DISCCART	731646.38	4055281.50	63.44	63.44
DISCCART	731646.38	4055306.50	63.45	63.45
DISCCART	731646.38	4055331.50	63.45	63.45
DISCCART	731671.38	4052331.50	68.56	68.56
DISCCART	731671.38	4052356.50	68.42	68.42
DISCCART	731671.38	4052381.50	68.17	68.17
DISCCART	731671.38	4052406.50	68.02	68.02
DISCCART	731671.38	4052781.50	66.98	66.98
DISCCART	731671.38	4052806.50	66.87	66.87
DISCCART	731671.38	4052831.50	66.80	66.80
DISCCART	731671.38	4053981.50	64.93	64.93
DISCCART	731671.38	4054006.50	64.84	64.84
DISCCART	731671.38	4054031.50	64.73	64.73
DISCCART	731671.38	4054056.50	64.58	64.58
DISCCART	731671.38	4054081.50	64.46	64.46
DISCCART	731671.38	4054806.50	63.24	63.24
DISCCART	731671.38	4054831.50	63.24	63.24
DISCCART	731671.38	4054856.50	63.24	63.24
DISCCART	731671.38	4054881.50	63.24	63.24
DISCCART	731671.38	4054906.50	63.24	63.24
DISCCART	731671.38	4054931.50	63.24	63.24
DISCCART	731671.38	4054956.50	63.24	63.24
DISCCART	731671.38	4054981.50	63.24	63.24
DISCCART	731671.38	4055006.50	63.24	63.24
DISCCART	731671.38	4055031.50	63.25	63.25
DISCCART	731671.38	4055056.50	63.28	63.28
DISCCART	731671.38	4055081.50	63.32	63.32
DISCCART	731671.38	4055106.50	63.34	63.34
DISCCART	731671.38	4055131.50	63.34	63.34
DISCCART	731671.38	4055156.50	63.34	63.34
DISCCART	731671.38	4055181.50	63.34	63.34
DISCCART	731671.38	4055206.50	63.34	63.34
DISCCART	731671.38	4055231.50	63.34	63.34
DISCCART	731671.38	4055256.50	63.38	63.38
DISCCART	731671.38	4055281.50	63.43	63.43
DISCCART	731671.38	4055306.50	63.44	63.44
DISCCART	731671.38	4055331.50	63.44	63.44
DISCCART	731696.38	4052331.50	68.57	68.57
DISCCART	731696.38	4052356.50	68.42	68.42
DISCCART	731696.38	4052381.50	68.17	68.17
DISCCART	731696.38	4052406.50	68.02	68.02
DISCCART	731696.38	4052781.50	66.92	66.92
DISCCART	731696.38	4052806.50	66.84	66.84
DISCCART	731696.38	4052831.50	66.73	66.73
DISCCART	731696.38	4053981.50	64.93	64.93
DISCCART	731696.38	4054006.50	64.84	64.84
DISCCART	731696.38	4054031.50	64.67	64.67
DISCCART	731696.38	4054056.50	64.56	64.56
DISCCART	731696.38	4054081.50	64.44	64.44
DISCCART	731696.38	4054806.50	63.15	63.15
DISCCART	731696.38	4054831.50	63.14	63.14
DISCCART	731696.38	4054856.50	63.16	63.16
DISCCART	731696.38	4054881.50	63.14	63.14
DISCCART	731696.38	4054906.50	63.16	63.16
DISCCART	731696.38	4054931.50	63.22	63.22
DISCCART	731696.38	4054956.50	63.22	63.22
DISCCART	731696.38	4054981.50	63.24	63.24
DISCCART	731696.38	4055006.50	63.24	63.24
DISCCART	731696.38	4055031.50	63.24	63.24
DISCCART	731696.38	4055056.50	63.24	63.24
DISCCART	731696.38	4055081.50	63.24	63.24
DISCCART	731696.38	4055106.50	63.24	63.24
DISCCART	731696.38	4055131.50	63.26	63.26
DISCCART	731696.38	4055156.50	63.26	63.26
DISCCART	731696.38	4055181.50	63.32	63.32
DISCCART	731696.38	4055206.50	63.33	63.33
DISCCART	731696.38	4055231.50	63.34	63.34
DISCCART	731696.38	4055256.50	63.34	63.34
DISCCART	731696.38	4055281.50	63.34	63.34
DISCCART	731696.38	4055306.50	63.34	63.34
DISCCART	731696.38	4055331.50	63.35	63.35

DISCCART	731721.38	4052331.50	68.57	68.57
DISCCART	731721.38	4052356.50	68.38	68.38
DISCCART	731721.38	4052381.50	68.17	68.17
DISCCART	731721.38	4052406.50	68.02	68.02
DISCCART	731721.38	4052781.50	66.86	66.86
DISCCART	731721.38	4052806.50	66.75	66.75
DISCCART	731721.38	4052831.50	66.66	66.66
DISCCART	731721.38	4053981.50	64.93	64.93
DISCCART	731721.38	4054006.50	64.84	64.84
DISCCART	731721.38	4054031.50	64.67	64.67
DISCCART	731721.38	4054056.50	64.51	64.51
DISCCART	731721.38	4054081.50	64.32	64.32
DISCCART	731721.38	4054806.50	63.14	63.14
DISCCART	731721.38	4054831.50	63.14	63.14
DISCCART	731721.38	4054856.50	63.14	63.14
DISCCART	731721.38	4054881.50	63.14	63.14
DISCCART	731721.38	4054906.50	63.14	63.14
DISCCART	731721.38	4054931.50	63.14	63.14
DISCCART	731721.38	4054956.50	63.14	63.14
DISCCART	731721.38	4054981.50	63.15	63.15
DISCCART	731721.38	4055006.50	63.18	63.18
DISCCART	731721.38	4055031.50	63.22	63.22
DISCCART	731721.38	4055056.50	63.24	63.24
DISCCART	731721.38	4055081.50	63.24	63.24
DISCCART	731721.38	4055106.50	63.24	63.24
DISCCART	731721.38	4055131.50	63.24	63.24
DISCCART	731721.38	4055156.50	63.24	63.24
DISCCART	731721.38	4055181.50	63.24	63.24
DISCCART	731721.38	4055206.50	63.24	63.24
DISCCART	731721.38	4055231.50	63.24	63.24
DISCCART	731721.38	4055256.50	63.28	63.28
DISCCART	731721.38	4055281.50	63.34	63.34
DISCCART	731721.38	4055306.50	63.34	63.34
DISCCART	731721.38	4055331.50	63.34	63.34
DISCCART	731746.38	4052331.50	68.57	68.57
DISCCART	731746.38	4052356.50	68.34	68.34
DISCCART	731746.38	4052381.50	68.17	68.17
DISCCART	731746.38	4052406.50	68.02	68.02
DISCCART	731746.38	4052781.50	66.82	66.82
DISCCART	731746.38	4052806.50	66.71	66.71
DISCCART	731746.38	4052831.50	66.62	66.62
DISCCART	731746.38	4053981.50	64.94	64.94
DISCCART	731746.38	4054006.50	64.84	64.84
DISCCART	731746.38	4054031.50	64.67	64.67
DISCCART	731746.38	4054056.50	64.50	64.50
DISCCART	731746.38	4054081.50	64.17	64.17
DISCCART	731746.38	4054806.50	63.14	63.14
DISCCART	731746.38	4054831.50	63.14	63.14
DISCCART	731746.38	4054856.50	63.14	63.14
DISCCART	731746.38	4054881.50	63.14	63.14
DISCCART	731746.38	4054906.50	63.14	63.14
DISCCART	731746.38	4054931.50	63.14	63.14
DISCCART	731746.38	4054956.50	63.14	63.14
DISCCART	731746.38	4054981.50	63.14	63.14
DISCCART	731746.38	4055006.50	63.14	63.14
DISCCART	731746.38	4055031.50	63.14	63.14
DISCCART	731746.38	4055056.50	63.14	63.14
DISCCART	731746.38	4055081.50	63.15	63.15
DISCCART	731746.38	4055106.50	63.18	63.18
DISCCART	731746.38	4055131.50	63.22	63.22
DISCCART	731746.38	4055156.50	63.23	63.23
DISCCART	731746.38	4055181.50	63.24	63.24
DISCCART	731746.38	4055206.50	63.24	63.24
DISCCART	731746.38	4055231.50	63.24	63.24
DISCCART	731746.38	4055256.50	63.24	63.24
DISCCART	731746.38	4055281.50	63.24	63.24
DISCCART	731746.38	4055306.50	63.24	63.24
DISCCART	731746.38	4055331.50	63.26	63.26
DISCCART	731771.38	4052331.50	68.55	68.55
DISCCART	731771.38	4052356.50	68.34	68.34
DISCCART	731771.38	4052381.50	68.17	68.17
DISCCART	731771.38	4052406.50	68.01	68.01
DISCCART	731771.38	4052781.50	66.76	66.76
DISCCART	731771.38	4052806.50	66.66	66.66
DISCCART	731771.38	4052831.50	66.54	66.54
DISCCART	731771.38	4053981.50	64.94	64.94
DISCCART	731771.38	4054006.50	64.84	64.84
DISCCART	731771.38	4054031.50	64.62	64.62
DISCCART	731771.38	4054056.50	64.36	64.36
DISCCART	731771.38	4054081.50	64.10	64.10
DISCCART	731771.38	4054806.50	63.14	63.14
DISCCART	731771.38	4054831.50	63.09	63.09
DISCCART	731771.38	4054856.50	63.09	63.09
DISCCART	731771.38	4054881.50	63.05	63.05
DISCCART	731771.38	4054906.50	63.08	63.08
DISCCART	731771.38	4054931.50	63.09	63.09
DISCCART	731771.38	4054956.50	63.09	63.09
DISCCART	731771.38	4054981.50	63.14	63.14
DISCCART	731771.38	4055006.50	63.14	63.14
DISCCART	731771.38	4055031.50	63.14	63.14
DISCCART	731771.38	4055056.50	63.14	63.14
DISCCART	731771.38	4055081.50	63.14	63.14
DISCCART	731771.38	4055106.50	63.14	63.14
DISCCART	731771.38	4055131.50	63.14	63.14
DISCCART	731771.38	4055156.50	63.14	63.14
DISCCART	731771.38	4055181.50	63.14	63.14
DISCCART	731771.38	4055206.50	63.19	63.19
DISCCART	731771.38	4055231.50	63.24	63.24
DISCCART	731771.38	4055256.50	63.24	63.24
DISCCART	731771.38	4055281.50	63.24	63.24
DISCCART	731771.38	4055306.50	63.24	63.24
DISCCART	731771.38	4055331.50	63.24	63.24
DISCCART	731796.38	4052331.50	68.53	68.53
DISCCART	731796.38	4052356.50	68.34	68.34
DISCCART	731796.38	4052381.50	68.17	68.17
DISCCART	731796.38	4052406.50	68.01	68.01
DISCCART	731796.38	4052781.50	66.69	66.69
DISCCART	731796.38	4052806.50	66.59	66.59
DISCCART	731796.38	4052831.50	66.48	66.48
DISCCART	731796.38	4052981.50	66.07	66.07
DISCCART	731796.38	4053006.50	66.04	66.04
DISCCART	731796.38	4053031.50	65.97	65.97
DISCCART	731796.38	4053056.50	65.94	65.94
DISCCART	731796.38	4053081.50	65.85	65.85
DISCCART	731796.38	4053106.50	65.84	65.84
DISCCART	731796.38	4053981.50	64.94	64.94
DISCCART	731796.38	4054006.50	64.84	64.84

DISCCART	731796.38	4054031.50	64.45	64.45
DISCCART	731796.38	4054056.50	64.06	64.06
DISCCART	731796.38	4054081.50	63.87	63.87
DISCCART	731796.38	4054806.50	63.04	63.04
DISCCART	731796.38	4054831.50	63.04	63.04
DISCCART	731796.38	4054856.50	63.04	63.04
DISCCART	731796.38	4054881.50	63.04	63.04
DISCCART	731796.38	4054906.50	63.04	63.04
DISCCART	731796.38	4054931.50	63.04	63.04
DISCCART	731796.38	4054956.50	63.04	63.04
DISCCART	731796.38	4054981.50	63.04	63.04
DISCCART	731796.38	4055006.50	63.04	63.04
DISCCART	731796.38	4055031.50	63.04	63.04
DISCCART	731796.38	4055056.50	63.08	63.08
DISCCART	731796.38	4055081.50	63.13	63.13
DISCCART	731796.38	4055106.50	63.13	63.13
DISCCART	731796.38	4055131.50	63.14	63.14
DISCCART	731796.38	4055156.50	63.14	63.14
DISCCART	731796.38	4055181.50	63.14	63.14
DISCCART	731796.38	4055206.50	63.14	63.14
DISCCART	731796.38	4055231.50	63.14	63.14
DISCCART	731796.38	4055256.50	63.16	63.16
DISCCART	731796.38	4055281.50	63.16	63.16
DISCCART	731796.38	4055306.50	63.23	63.23
DISCCART	731796.38	4055331.50	63.24	63.24
DISCCART	731821.38	4052331.50	68.50	68.50
DISCCART	731821.38	4052356.50	68.31	68.31
DISCCART	731821.38	4052381.50	68.17	68.17
DISCCART	731821.38	4052406.50	68.00	68.00
DISCCART	731821.38	4052781.50	66.64	66.64
DISCCART	731821.38	4052806.50	66.52	66.52
DISCCART	731821.38	4052831.50	66.44	66.44
DISCCART	731821.38	4052981.50	66.04	66.04
DISCCART	731821.38	4053006.50	65.98	65.98
DISCCART	731821.38	4053031.50	65.94	65.94
DISCCART	731821.38	4053056.50	65.87	65.87
DISCCART	731821.38	4053081.50	65.84	65.84
DISCCART	731821.38	4053106.50	65.77	65.77
DISCCART	731821.38	4053981.50	64.94	64.94
DISCCART	731821.38	4054006.50	64.84	64.84
DISCCART	731821.38	4054031.50	63.53	63.53
DISCCART	731821.38	4054056.50	63.61	63.61
DISCCART	731821.38	4054081.50	63.76	63.76
DISCCART	731821.38	4054806.50	63.04	63.04
DISCCART	731821.38	4054831.50	63.04	63.04
DISCCART	731821.38	4054856.50	63.04	63.04
DISCCART	731821.38	4054881.50	63.04	63.04
DISCCART	731821.38	4054906.50	63.04	63.04
DISCCART	731821.38	4054931.50	63.04	63.04
DISCCART	731821.38	4054956.50	63.04	63.04
DISCCART	731821.38	4054981.50	63.04	63.04
DISCCART	731821.38	4055006.50	63.04	63.04
DISCCART	731821.38	4055031.50	63.04	63.04
DISCCART	731821.38	4055056.50	63.04	63.04
DISCCART	731821.38	4055081.50	63.04	63.04
DISCCART	731821.38	4055106.50	63.04	63.04
DISCCART	731821.38	4055131.50	63.04	63.04
DISCCART	731821.38	4055156.50	63.09	63.09
DISCCART	731821.38	4055181.50	63.14	63.14
DISCCART	731821.38	4055206.50	63.14	63.14
DISCCART	731821.38	4055231.50	63.14	63.14
DISCCART	731821.38	4055256.50	63.14	63.14
DISCCART	731821.38	4055281.50	63.14	63.14
DISCCART	731821.38	4055306.50	63.14	63.14
DISCCART	731821.38	4055331.50	63.14	63.14
DISCCART	731846.38	4052331.50	68.48	68.48
DISCCART	731846.38	4052356.50	68.32	68.32
DISCCART	731846.38	4052381.50	68.17	68.17
DISCCART	731846.38	4052406.50	68.00	68.00
DISCCART	731846.38	4052781.50	66.57	66.57
DISCCART	731846.38	4052806.50	66.46	66.46
DISCCART	731846.38	4052831.50	66.36	66.36
DISCCART	731846.38	4052981.50	66.02	66.02
DISCCART	731846.38	4053006.50	65.94	65.94
DISCCART	731846.38	4053031.50	65.89	65.89
DISCCART	731846.38	4053056.50	65.84	65.84
DISCCART	731846.38	4053081.50	65.82	65.82
DISCCART	731846.38	4053106.50	65.74	65.74
DISCCART	731846.38	4053981.50	64.94	64.94
DISCCART	731846.38	4054006.50	64.84	64.84
DISCCART	731846.38	4054031.50	63.36	63.36
DISCCART	731846.38	4054056.50	63.36	63.36
DISCCART	731846.38	4054081.50	63.64	63.64
DISCCART	731846.38	4054806.50	63.02	63.02
DISCCART	731846.38	4054831.50	63.02	63.02
DISCCART	731846.38	4054856.50	63.02	63.02
DISCCART	731846.38	4054881.50	62.96	62.96
DISCCART	731846.38	4054906.50	63.02	63.02
DISCCART	731846.38	4054931.50	63.02	63.02
DISCCART	731846.38	4054956.50	63.02	63.02
DISCCART	731846.38	4054981.50	63.02	63.02
DISCCART	731846.38	4055006.50	63.03	63.03
DISCCART	731846.38	4055031.50	63.04	63.04
DISCCART	731846.38	4055056.50	63.04	63.04
DISCCART	731846.38	4055081.50	63.04	63.04
DISCCART	731846.38	4055106.50	63.04	63.04
DISCCART	731846.38	4055131.50	63.04	63.04
DISCCART	731846.38	4055156.50	63.04	63.04
DISCCART	731846.38	4055181.50	63.05	63.05
DISCCART	731846.38	4055206.50	63.06	63.06
DISCCART	731846.38	4055231.50	63.09	63.09
DISCCART	731846.38	4055256.50	63.12	63.12
DISCCART	731846.38	4055281.50	63.14	63.14
DISCCART	731846.38	4055306.50	63.14	63.14
DISCCART	731846.38	4055331.50	63.14	63.14
DISCCART	731871.38	4052331.50	68.48	68.48
DISCCART	731871.38	4052356.50	68.32	68.32
DISCCART	731871.38	4052381.50	68.17	68.17
DISCCART	731871.38	4052406.50	68.00	68.00
DISCCART	731871.38	4052781.50	66.54	66.54
DISCCART	731871.38	4052806.50	66.42	66.42
DISCCART	731871.38	4052831.50	66.34	66.34
DISCCART	731871.38	4052981.50	65.94	65.94
DISCCART	731871.38	4053006.50	65.94	65.94
DISCCART	731871.38	4053031.50	65.86	65.86
DISCCART	731871.38	4053056.50	65.84	65.84
DISCCART	731871.38	4053081.50	65.74	65.74

DISCCART	731871.38	4053106.50	65.67	65.67
DISCCART	731871.38	4054006.50	64.88	64.88
DISCCART	731871.38	4054031.50	63.34	63.34
DISCCART	731871.38	4054056.50	63.34	63.34
DISCCART	731871.38	4054081.50	63.44	63.44
DISCCART	731871.38	4054806.50	62.94	62.94
DISCCART	731871.38	4054831.50	62.94	62.94
DISCCART	731871.38	4054856.50	62.94	62.94
DISCCART	731871.38	4054881.50	62.94	62.94
DISCCART	731871.38	4054906.50	62.94	62.94
DISCCART	731871.38	4054931.50	62.94	62.94
DISCCART	731871.38	4054956.50	62.94	62.94
DISCCART	731871.38	4054981.50	62.94	62.94
DISCCART	731871.38	4055006.50	62.94	62.94
DISCCART	731871.38	4055031.50	62.94	62.94
DISCCART	731871.38	4055056.50	62.94	62.94
DISCCART	731871.38	4055081.50	62.99	62.99
DISCCART	731871.38	4055106.50	62.99	62.99
DISCCART	731871.38	4055131.50	63.04	63.04
DISCCART	731871.38	4055156.50	63.04	63.04
DISCCART	731871.38	4055181.50	63.04	63.04
DISCCART	731871.38	4055206.50	63.04	63.04
DISCCART	731871.38	4055231.50	63.04	63.04
DISCCART	731871.38	4055256.50	63.04	63.04
DISCCART	731871.38	4055281.50	63.05	63.05
DISCCART	731871.38	4055306.50	63.06	63.06
DISCCART	731871.38	4055331.50	63.08	63.08
DISCCART	731896.38	4052331.50	68.48	68.48
DISCCART	731896.38	4052356.50	68.31	68.31
DISCCART	731896.38	4052381.50	68.17	68.17
DISCCART	731896.38	4052406.50	68.00	68.00
DISCCART	731896.38	4052781.50	66.44	66.44
DISCCART	731896.38	4052806.50	66.35	66.35
DISCCART	731896.38	4052831.50	66.27	66.27
DISCCART	731896.38	4052981.50	65.94	65.94
DISCCART	731896.38	4053006.50	65.92	65.92
DISCCART	731896.38	4053031.50	65.82	65.82
DISCCART	731896.38	4053056.50	65.74	65.74
DISCCART	731896.38	4053081.50	65.68	65.68
DISCCART	731896.38	4053106.50	65.64	65.64
DISCCART	731896.38	4054006.50	64.94	64.94
DISCCART	731896.38	4054031.50	63.34	63.34
DISCCART	731896.38	4054056.50	63.34	63.34
DISCCART	731896.38	4054081.50	63.34	63.34
DISCCART	731896.38	4054806.50	62.94	62.94
DISCCART	731896.38	4054831.50	62.94	62.94
DISCCART	731896.38	4054856.50	62.94	62.94
DISCCART	731896.38	4054881.50	62.94	62.94
DISCCART	731896.38	4054906.50	62.94	62.94
DISCCART	731896.38	4054931.50	62.94	62.94
DISCCART	731896.38	4054956.50	62.94	62.94
DISCCART	731896.38	4054981.50	62.94	62.94
DISCCART	731896.38	4055006.50	62.94	62.94
DISCCART	731896.38	4055031.50	62.94	62.94
DISCCART	731896.38	4055056.50	62.94	62.94
DISCCART	731896.38	4055081.50	62.94	62.94
DISCCART	731896.38	4055106.50	62.95	62.95
DISCCART	731896.38	4055131.50	62.96	62.96
DISCCART	731896.38	4055156.50	63.02	63.02
DISCCART	731896.38	4055181.50	63.02	63.02
DISCCART	731896.38	4055206.50	63.04	63.04
DISCCART	731896.38	4055231.50	63.04	63.04
DISCCART	731896.38	4055256.50	63.04	63.04
DISCCART	731896.38	4055281.50	63.04	63.04
DISCCART	731896.38	4055306.50	63.04	63.04
DISCCART	731896.38	4055331.50	63.04	63.04
DISCCART	731921.38	4052331.50	68.47	68.47
DISCCART	731921.38	4052356.50	68.30	68.30
DISCCART	731921.38	4052381.50	68.17	68.17
DISCCART	731921.38	4052406.50	68.01	68.01
DISCCART	731921.38	4052781.50	66.38	66.38
DISCCART	731921.38	4052806.50	66.34	66.34
DISCCART	731921.38	4052831.50	66.24	66.24
DISCCART	731921.38	4052981.50	65.88	65.88
DISCCART	731921.38	4053006.50	65.84	65.84
DISCCART	731921.38	4053031.50	65.74	65.74
DISCCART	731921.38	4053056.50	65.72	65.72
DISCCART	731921.38	4053081.50	65.64	65.64
DISCCART	731921.38	4053106.50	65.55	65.55
DISCCART	731921.38	4054006.50	65.02	65.02
DISCCART	731921.38	4054031.50	63.40	63.40
DISCCART	731921.38	4054056.50	63.34	63.34
DISCCART	731921.38	4054081.50	63.31	63.31
DISCCART	731921.38	4054306.50	63.14	63.14
DISCCART	731921.38	4054331.50	63.14	63.14
DISCCART	731921.38	4054356.50	63.14	63.14
DISCCART	731921.38	4054381.50	63.06	63.06
DISCCART	731921.38	4054406.50	63.04	63.04
DISCCART	731921.38	4054431.50	63.04	63.04
DISCCART	731921.38	4054456.50	63.04	63.04
DISCCART	731921.38	4054481.50	63.04	63.04
DISCCART	731921.38	4054506.50	63.04	63.04
DISCCART	731921.38	4054531.50	63.04	63.04
DISCCART	731921.38	4054556.50	62.99	62.99
DISCCART	731921.38	4054581.50	62.94	62.94
DISCCART	731921.38	4054606.50	62.94	62.94
DISCCART	731921.38	4054631.50	62.94	62.94
DISCCART	731921.38	4054656.50	62.94	62.94
DISCCART	731921.38	4054681.50	62.94	62.94
DISCCART	731921.38	4054706.50	62.94	62.94
DISCCART	731921.38	4054731.50	62.94	62.94
DISCCART	731921.38	4054756.50	62.94	62.94
DISCCART	731921.38	4054781.50	62.94	62.94
DISCCART	731921.38	4054806.50	62.94	62.94
DISCCART	731921.38	4054831.50	62.89	62.89
DISCCART	731921.38	4054856.50	62.89	62.89
DISCCART	731921.38	4054881.50	62.85	62.85
DISCCART	731921.38	4054906.50	62.88	62.88
DISCCART	731921.38	4054931.50	62.88	62.88
DISCCART	731921.38	4054956.50	62.88	62.88
DISCCART	731921.38	4054981.50	62.88	62.88
DISCCART	731921.38	4055006.50	62.90	62.90
DISCCART	731921.38	4055031.50	62.94	62.94
DISCCART	731921.38	4055056.50	62.94	62.94
DISCCART	731921.38	4055081.50	62.94	62.94
DISCCART	731921.38	4055106.50	62.94	62.94
DISCCART	731921.38	4055131.50	62.94	62.94

DISCCART	731921.38	4055156.50	62.94	62.94
DISCCART	731921.38	4055181.50	62.94	62.94
DISCCART	731921.38	4055206.50	62.94	62.94
DISCCART	731921.38	4055231.50	62.95	62.95
DISCCART	731921.38	4055256.50	62.96	62.96
DISCCART	731921.38	4055281.50	62.98	62.98
DISCCART	731921.38	4055306.50	63.04	63.04
DISCCART	731921.38	4055331.50	63.04	63.04
DISCCART	731946.38	4052331.50	68.44	68.44
DISCCART	731946.38	4052356.50	68.30	68.30
DISCCART	731946.38	4052381.50	68.17	68.17
DISCCART	731946.38	4052406.50	68.01	68.01
DISCCART	731946.38	4052781.50	66.34	66.34
DISCCART	731946.38	4052806.50	66.34	66.34
DISCCART	731946.38	4052831.50	66.34	66.34
DISCCART	731946.38	4052981.50	65.86	65.86
DISCCART	731946.38	4053006.50	65.77	65.77
DISCCART	731946.38	4053031.50	65.71	65.71
DISCCART	731946.38	4053056.50	65.66	65.66
DISCCART	731946.38	4053081.50	65.55	65.55
DISCCART	731946.38	4053106.50	65.47	65.47
DISCCART	731946.38	4053681.50	64.92	64.92
DISCCART	731946.38	4053706.50	64.92	64.92
DISCCART	731946.38	4053731.50	64.88	64.88
DISCCART	731946.38	4053756.50	64.85	64.85
DISCCART	731946.38	4053781.50	64.85	64.85
DISCCART	731946.38	4053806.50	64.85	64.85
DISCCART	731946.38	4053831.50	64.85	64.85
DISCCART	731946.38	4053856.50	64.86	64.86
DISCCART	731946.38	4053881.50	64.86	64.86
DISCCART	731946.38	4053906.50	64.86	64.86
DISCCART	731946.38	4053931.50	64.86	64.86
DISCCART	731946.38	4053956.50	64.88	64.88
DISCCART	731946.38	4053981.50	64.96	64.96
DISCCART	731946.38	4054006.50	64.93	64.93
DISCCART	731946.38	4054031.50	63.42	63.42
DISCCART	731946.38	4054056.50	63.25	63.25
DISCCART	731946.38	4054081.50	63.24	63.24
DISCCART	731946.38	4054106.50	63.24	63.24
DISCCART	731946.38	4054131.50	63.24	63.24
DISCCART	731946.38	4054156.50	63.24	63.24
DISCCART	731946.38	4054181.50	63.16	63.16
DISCCART	731946.38	4054206.50	63.14	63.14
DISCCART	731946.38	4054231.50	63.14	63.14
DISCCART	731946.38	4054256.50	63.14	63.14
DISCCART	731946.38	4054281.50	63.14	63.14
DISCCART	731946.38	4054306.50	63.12	63.12
DISCCART	731946.38	4054331.50	63.05	63.05
DISCCART	731946.38	4054356.50	63.04	63.04
DISCCART	731946.38	4054381.50	63.04	63.04
DISCCART	731946.38	4054406.50	63.04	63.04
DISCCART	731946.38	4054431.50	63.04	63.04
DISCCART	731946.38	4054456.50	63.04	63.04
DISCCART	731946.38	4054481.50	63.01	63.01
DISCCART	731946.38	4054506.50	62.96	62.96
DISCCART	731946.38	4054531.50	62.94	62.94
DISCCART	731946.38	4054556.50	62.94	62.94
DISCCART	731946.38	4054581.50	62.94	62.94
DISCCART	731946.38	4054606.50	62.94	62.94
DISCCART	731946.38	4054631.50	62.94	62.94
DISCCART	731946.38	4054656.50	62.94	62.94
DISCCART	731946.38	4054681.50	62.93	62.93
DISCCART	731946.38	4054706.50	62.85	62.85
DISCCART	731946.38	4054731.50	62.85	62.85
DISCCART	731946.38	4054756.50	62.84	62.84
DISCCART	731946.38	4054781.50	62.84	62.84
DISCCART	731946.38	4054806.50	62.84	62.84
DISCCART	731946.38	4054831.50	62.84	62.84
DISCCART	731946.38	4054856.50	62.84	62.84
DISCCART	731946.38	4054881.50	62.84	62.84
DISCCART	731946.38	4054906.50	62.84	62.84
DISCCART	731946.38	4054931.50	62.84	62.84
DISCCART	731946.38	4054956.50	62.84	62.84
DISCCART	731946.38	4054981.50	62.84	62.84
DISCCART	731946.38	4055006.50	62.84	62.84
DISCCART	731946.38	4055031.50	62.84	62.84
DISCCART	731946.38	4055206.50	62.94	62.94
DISCCART	731946.38	4055231.50	62.94	62.94
DISCCART	731946.38	4055256.50	62.94	62.94
DISCCART	731946.38	4055281.50	62.94	62.94
DISCCART	731946.38	4055306.50	62.94	62.94
DISCCART	731946.38	4055331.50	62.94	62.94
DISCCART	731971.38	4052331.50	68.44	68.44
DISCCART	731971.38	4052356.50	68.30	68.30
DISCCART	731971.38	4052381.50	68.16	68.16
DISCCART	731971.38	4052406.50	68.04	68.04
DISCCART	731971.38	4052756.50	66.44	66.44
DISCCART	731971.38	4052781.50	66.44	66.44
DISCCART	731971.38	4052806.50	66.38	66.38
DISCCART	731971.38	4052831.50	66.39	66.39
DISCCART	731971.38	4052856.50	66.34	66.34
DISCCART	731971.38	4052881.50	66.25	66.25
DISCCART	731971.38	4052906.50	66.13	66.13
DISCCART	731971.38	4052931.50	66.04	66.04
DISCCART	731971.38	4052956.50	65.95	65.95
DISCCART	731971.38	4052981.50	65.86	65.86
DISCCART	731971.38	4053006.50	65.82	65.82
DISCCART	731971.38	4053031.50	65.74	65.74
DISCCART	731971.38	4053056.50	65.62	65.62
DISCCART	731971.38	4053081.50	65.56	65.56
DISCCART	731971.38	4053106.50	65.47	65.47
DISCCART	731971.38	4053131.50	65.40	65.40
DISCCART	731971.38	4053156.50	65.33	65.33
DISCCART	731971.38	4053181.50	65.24	65.24
DISCCART	731971.38	4053206.50	65.18	65.18
DISCCART	731971.38	4053231.50	65.14	65.14
DISCCART	731971.38	4053256.50	65.04	65.04
DISCCART	731971.38	4053281.50	65.04	65.04
DISCCART	731971.38	4053306.50	64.95	64.95
DISCCART	731971.38	4053331.50	64.94	64.94
DISCCART	731971.38	4053356.50	64.88	64.88
DISCCART	731971.38	4053381.50	64.88	64.88
DISCCART	731971.38	4053406.50	64.84	64.84
DISCCART	731971.38	4053431.50	64.84	64.84
DISCCART	731971.38	4053456.50	64.84	64.84
DISCCART	731971.38	4053481.50	64.84	64.84
DISCCART	731971.38	4053506.50	64.84	64.84

DISCCART	731971.38	4053531.50	64.84	64.84
DISCCART	731971.38	4053556.50	64.84	64.84
DISCCART	731971.38	4053581.50	64.84	64.84
DISCCART	731971.38	4053606.50	64.84	64.84
DISCCART	731971.38	4053631.50	64.84	64.84
DISCCART	731971.38	4053656.50	64.84	64.84
DISCCART	731971.38	4053681.50	64.78	64.78
DISCCART	731971.38	4053706.50	64.78	64.78
DISCCART	731971.38	4053731.50	64.79	64.79
DISCCART	731971.38	4053756.50	64.79	64.79
DISCCART	731971.38	4053781.50	64.79	64.79
DISCCART	731971.38	4053806.50	64.74	64.74
DISCCART	731971.38	4053831.50	64.73	64.73
DISCCART	731971.38	4053856.50	64.63	64.63
DISCCART	731971.38	4053881.50	64.58	64.58
DISCCART	731971.38	4053906.50	64.49	64.49
DISCCART	731971.38	4053931.50	64.36	64.36
DISCCART	731971.38	4053956.50	64.23	64.23
DISCCART	731971.38	4053981.50	63.83	63.83
DISCCART	731971.38	4054006.50	63.89	63.89
DISCCART	731971.38	4054031.50	63.41	63.41
DISCCART	731971.38	4054056.50	63.26	63.26
DISCCART	731971.38	4054081.50	63.24	63.24
DISCCART	731971.38	4054106.50	63.24	63.24
DISCCART	731971.38	4054131.50	63.19	63.19
DISCCART	731971.38	4054156.50	63.14	63.14
DISCCART	731971.38	4054181.50	63.14	63.14
DISCCART	731971.38	4054206.50	63.14	63.14
DISCCART	731971.38	4054231.50	63.14	63.14
DISCCART	731971.38	4054256.50	63.13	63.13
DISCCART	731971.38	4054281.50	63.06	63.06
DISCCART	731971.38	4054306.50	63.04	63.04
DISCCART	731971.38	4054331.50	63.04	63.04
DISCCART	731971.38	4054356.50	63.04	63.04
DISCCART	731971.38	4054381.50	63.04	63.04
DISCCART	731971.38	4054406.50	63.04	63.04
DISCCART	731971.38	4054431.50	62.98	62.98
DISCCART	731971.38	4055206.50	62.88	62.88
DISCCART	731971.38	4055231.50	62.88	62.88
DISCCART	731971.38	4055256.50	62.94	62.94
DISCCART	731971.38	4055281.50	62.94	62.94
DISCCART	731971.38	4055306.50	62.94	62.94
DISCCART	731971.38	4055331.50	62.94	62.94
DISCCART	731996.38	4052331.50	68.36	68.36
DISCCART	731996.38	4052356.50	68.25	68.25
DISCCART	731996.38	4052381.50	68.14	68.14
DISCCART	731996.38	4052406.50	68.04	68.04
DISCCART	731996.38	4052431.50	67.93	67.93
DISCCART	731996.38	4052456.50	67.72	67.72
DISCCART	731996.38	4052481.50	67.50	67.50
DISCCART	731996.38	4052506.50	67.22	67.22
DISCCART	731996.38	4052531.50	66.99	66.99
DISCCART	731996.38	4052556.50	66.86	66.86
DISCCART	731996.38	4052581.50	66.73	66.73
DISCCART	731996.38	4052606.50	66.65	66.65
DISCCART	731996.38	4052631.50	66.64	66.64
DISCCART	731996.38	4052656.50	66.63	66.63
DISCCART	731996.38	4052681.50	66.57	66.57
DISCCART	731996.38	4052706.50	66.55	66.55
DISCCART	731996.38	4052731.50	66.46	66.46
DISCCART	731996.38	4052756.50	66.34	66.34
DISCCART	731996.38	4052781.50	66.34	66.34
DISCCART	731996.38	4052806.50	66.34	66.34
DISCCART	731996.38	4052831.50	66.34	66.34
DISCCART	731996.38	4052856.50	66.31	66.31
DISCCART	731996.38	4052881.50	66.23	66.23
DISCCART	731996.38	4052906.50	66.05	66.05
DISCCART	731996.38	4052931.50	65.90	65.90
DISCCART	731996.38	4052956.50	65.81	65.81
DISCCART	731996.38	4052981.50	65.76	65.76
DISCCART	731996.38	4053006.50	65.66	65.66
DISCCART	731996.38	4053031.50	65.57	65.57
DISCCART	731996.38	4053056.50	65.55	65.55
DISCCART	731996.38	4053081.50	65.44	65.44
DISCCART	731996.38	4053106.50	65.35	65.35
DISCCART	731996.38	4053131.50	65.33	65.33
DISCCART	731996.38	4053156.50	65.25	65.25
DISCCART	731996.38	4053181.50	65.17	65.17
DISCCART	731996.38	4053206.50	65.14	65.14
DISCCART	731996.38	4053231.50	65.05	65.05
DISCCART	731996.38	4053256.50	65.00	65.00
DISCCART	731996.38	4053281.50	64.95	64.95
DISCCART	731996.38	4053306.50	64.90	64.90
DISCCART	731996.38	4053331.50	64.85	64.85
DISCCART	731996.38	4053356.50	64.82	64.82
DISCCART	731996.38	4053381.50	64.82	64.82
DISCCART	731996.38	4053406.50	64.76	64.76
DISCCART	731996.38	4053431.50	64.75	64.75
DISCCART	731996.38	4053456.50	64.75	64.75
DISCCART	731996.38	4053481.50	64.75	64.75
DISCCART	731996.38	4053506.50	64.74	64.74
DISCCART	731996.38	4053531.50	64.72	64.72
DISCCART	731996.38	4053556.50	64.72	64.72
DISCCART	731996.38	4053581.50	64.72	64.72
DISCCART	731996.38	4053831.50	64.32	64.32
DISCCART	731996.38	4053856.50	64.10	64.10
DISCCART	731996.38	4053881.50	63.86	63.86
DISCCART	731996.38	4053906.50	63.58	63.58
DISCCART	731996.38	4053931.50	63.40	63.40
DISCCART	731996.38	4053956.50	63.35	63.35
DISCCART	731996.38	4053981.50	63.33	63.33
DISCCART	731996.38	4054006.50	63.34	63.34
DISCCART	731996.38	4054031.50	63.35	63.35
DISCCART	731996.38	4054056.50	63.25	63.25
DISCCART	731996.38	4054081.50	63.24	63.24
DISCCART	731996.38	4055206.50	62.84	62.84
DISCCART	731996.38	4055231.50	62.84	62.84
DISCCART	731996.38	4055256.50	62.84	62.84
DISCCART	731996.38	4055281.50	62.84	62.84
DISCCART	731996.38	4055306.50	62.84	62.84
DISCCART	731996.38	4055331.50	62.85	62.85
DISCCART	732021.38	4052331.50	68.36	68.36
DISCCART	732021.38	4052356.50	68.21	68.21
DISCCART	732021.38	4052381.50	68.07	68.07
DISCCART	732021.38	4052406.50	67.97	67.97
DISCCART	732021.38	4052431.50	67.85	67.85
DISCCART	732021.38	4052456.50	67.67	67.67

DISCCART	732021.38	4052481.50	67.48	67.48
DISCCART	732021.38	4052506.50	67.32	67.32
DISCCART	732021.38	4052531.50	67.19	67.19
DISCCART	732021.38	4052556.50	67.04	67.04
DISCCART	732021.38	4052581.50	66.92	66.92
DISCCART	732021.38	4052606.50	66.85	66.85
DISCCART	732021.38	4052631.50	66.82	66.82
DISCCART	732021.38	4052656.50	66.70	66.70
DISCCART	732021.38	4052681.50	66.64	66.64
DISCCART	732021.38	4052706.50	66.53	66.53
DISCCART	732021.38	4052731.50	66.44	66.44
DISCCART	732021.38	4052756.50	66.34	66.34
DISCCART	732021.38	4052781.50	66.26	66.26
DISCCART	732021.38	4052806.50	66.24	66.24
DISCCART	732021.38	4052831.50	66.24	66.24
DISCCART	732021.38	4052856.50	66.18	66.18
DISCCART	732021.38	4052881.50	66.11	66.11
DISCCART	732021.38	4052906.50	66.05	66.05
DISCCART	732021.38	4052931.50	65.93	65.93
DISCCART	732021.38	4052956.50	65.84	65.84
DISCCART	732021.38	4052981.50	65.71	65.71
DISCCART	732021.38	4053006.50	65.62	65.62
DISCCART	732021.38	4053031.50	65.54	65.54
DISCCART	732021.38	4053056.50	65.45	65.45
DISCCART	732021.38	4053081.50	65.40	65.40
DISCCART	732021.38	4053106.50	65.34	65.34
DISCCART	732021.38	4053131.50	65.25	65.25
DISCCART	732021.38	4053156.50	65.23	65.23
DISCCART	732021.38	4053181.50	65.14	65.14
DISCCART	732021.38	4053206.50	65.04	65.04
DISCCART	732021.38	4053231.50	63.84	63.84
DISCCART	732021.38	4053256.50	63.65	63.65
DISCCART	732021.38	4053281.50	63.41	63.41
DISCCART	732021.38	4053306.50	63.34	63.34
DISCCART	732021.38	4053331.50	63.28	63.28
DISCCART	732021.38	4053356.50	63.24	63.24
DISCCART	732021.38	4053381.50	63.24	63.24
DISCCART	732021.38	4054006.50	63.25	63.25
DISCCART	732021.38	4054031.50	63.24	63.24
DISCCART	732021.38	4054056.50	63.24	63.24
DISCCART	732021.38	4055206.50	62.84	62.84
DISCCART	732021.38	4055231.50	62.84	62.84
DISCCART	732021.38	4055256.50	62.84	62.84
DISCCART	732021.38	4055281.50	62.84	62.84
DISCCART	732021.38	4055306.50	62.84	62.84
DISCCART	732021.38	4055331.50	62.84	62.84
DISCCART	732046.38	4052331.50	68.27	68.27
DISCCART	732046.38	4052356.50	68.15	68.15
DISCCART	732046.38	4052381.50	68.03	68.03
DISCCART	732046.38	4052406.50	67.90	67.90
DISCCART	732046.38	4052431.50	67.77	67.77
DISCCART	732046.38	4052456.50	67.64	67.64
DISCCART	732046.38	4052481.50	67.48	67.48
DISCCART	732046.38	4052506.50	67.35	67.35
DISCCART	732046.38	4052531.50	67.23	67.23
DISCCART	732046.38	4052556.50	67.11	67.11
DISCCART	732046.38	4052581.50	66.99	66.99
DISCCART	732046.38	4052606.50	66.90	66.90
DISCCART	732046.38	4052631.50	66.78	66.78
DISCCART	732046.38	4052656.50	66.71	66.71
DISCCART	732046.38	4052681.50	66.62	66.62
DISCCART	732046.38	4052706.50	66.50	66.50
DISCCART	732046.38	4052731.50	66.37	66.37
DISCCART	732046.38	4052756.50	66.33	66.33
DISCCART	732046.38	4052781.50	66.24	66.24
DISCCART	732046.38	4052806.50	66.15	66.15
DISCCART	732046.38	4052831.50	66.14	66.14
DISCCART	732046.38	4052856.50	66.05	66.05
DISCCART	732046.38	4052881.50	66.04	66.04
DISCCART	732046.38	4052906.50	65.95	65.95
DISCCART	732046.38	4052931.50	65.87	65.87
DISCCART	732046.38	4052956.50	65.77	65.77
DISCCART	732046.38	4052981.50	65.72	65.72
DISCCART	732046.38	4053006.50	65.61	65.61
DISCCART	732046.38	4053031.50	65.50	65.50
DISCCART	732046.38	4053056.50	65.44	65.44
DISCCART	732046.38	4053081.50	65.34	65.34
DISCCART	732046.38	4053106.50	65.25	65.25
DISCCART	732046.38	4053131.50	65.23	65.23
DISCCART	732046.38	4053156.50	65.14	65.14
DISCCART	732046.38	4053181.50	65.08	65.08
DISCCART	732046.38	4053206.50	65.04	65.04
DISCCART	732046.38	4053256.50	63.35	63.35
DISCCART	732046.38	4053281.50	63.32	63.32
DISCCART	732046.38	4053306.50	63.24	63.24
DISCCART	732046.38	4053331.50	63.24	63.24
DISCCART	732046.38	4053356.50	63.24	63.24
DISCCART	732046.38	4053381.50	63.24	63.24
DISCCART	732046.38	4054006.50	63.24	63.24
DISCCART	732046.38	4054031.50	63.18	63.18
DISCCART	732046.38	4054056.50	63.20	63.20
DISCCART	732046.38	4055206.50	62.74	62.74
DISCCART	732046.38	4055231.50	62.74	62.74
DISCCART	732046.38	4055256.50	62.75	62.75
DISCCART	732046.38	4055281.50	62.75	62.75
DISCCART	732046.38	4055306.50	62.83	62.83
DISCCART	732046.38	4055331.50	62.83	62.83
DISCCART	732071.38	4052331.50	68.26	68.26
DISCCART	732071.38	4052356.50	68.12	68.12
DISCCART	732071.38	4052381.50	67.95	67.95
DISCCART	732071.38	4052406.50	67.83	67.83
DISCCART	732071.38	4052431.50	67.70	67.70
DISCCART	732071.38	4052456.50	67.57	67.57
DISCCART	732071.38	4052481.50	67.49	67.49
DISCCART	732071.38	4052506.50	67.33	67.33
DISCCART	732071.38	4052531.50	67.23	67.23
DISCCART	732071.38	4052556.50	67.10	67.10
DISCCART	732071.38	4052581.50	67.00	67.00
DISCCART	732071.38	4052606.50	66.90	66.90
DISCCART	732071.38	4052631.50	66.76	66.76
DISCCART	732071.38	4052656.50	66.65	66.65
DISCCART	732071.38	4052681.50	66.55	66.55
DISCCART	732071.38	4052706.50	66.44	66.44
DISCCART	732071.38	4052731.50	66.34	66.34
DISCCART	732071.38	4052756.50	66.24	66.24
DISCCART	732071.38	4052781.50	66.18	66.18
DISCCART	732071.38	4052806.50	66.14	66.14

DISCCART	732071.38	4052831.50	66.08	66.08
DISCCART	732071.38	4052856.50	66.03	66.03
DISCCART	732071.38	4052881.50	65.96	65.96
DISCCART	732071.38	4052906.50	65.88	65.88
DISCCART	732071.38	4052931.50	65.83	65.83
DISCCART	732071.38	4052956.50	65.73	65.73
DISCCART	732071.38	4052981.50	65.64	65.64
DISCCART	732071.38	4053006.50	65.55	65.55
DISCCART	732071.38	4053031.50	65.45	65.45
DISCCART	732071.38	4053056.50	65.42	65.42
DISCCART	732071.38	4053081.50	65.34	65.34
DISCCART	732071.38	4053106.50	65.24	65.24
DISCCART	732071.38	4053131.50	65.16	65.16
DISCCART	732071.38	4053156.50	65.12	65.12
DISCCART	732071.38	4053181.50	65.04	65.04
DISCCART	732071.38	4053206.50	64.95	64.95
DISCCART	732071.38	4053856.50	63.33	63.33
DISCCART	732071.38	4053881.50	63.24	63.24
DISCCART	732071.38	4053906.50	63.24	63.24
DISCCART	732071.38	4053931.50	63.24	63.24
DISCCART	732071.38	4053956.50	63.24	63.24
DISCCART	732071.38	4053981.50	63.20	63.20
DISCCART	732071.38	4054006.50	63.14	63.14
DISCCART	732071.38	4054031.50	63.14	63.14
DISCCART	732071.38	4054056.50	63.14	63.14
DISCCART	732071.38	4055206.50	62.74	62.74
DISCCART	732071.38	4055231.50	62.74	62.74
DISCCART	732071.38	4055256.50	62.74	62.74
DISCCART	732071.38	4055281.50	62.74	62.74
DISCCART	732071.38	4055306.50	62.74	62.74
DISCCART	732071.38	4055331.50	62.74	62.74
DISCCART	732096.38	4052331.50	68.18	68.18
DISCCART	732096.38	4052356.50	68.04	68.04
DISCCART	732096.38	4052381.50	67.89	67.89
DISCCART	732096.38	4052406.50	67.75	67.75
DISCCART	732096.38	4052431.50	67.65	67.65
DISCCART	732096.38	4052456.50	67.54	67.54
DISCCART	732096.38	4052481.50	67.43	67.43
DISCCART	732096.38	4052506.50	67.31	67.31
DISCCART	732096.38	4052531.50	67.18	67.18
DISCCART	732096.38	4052556.50	67.06	67.06
DISCCART	732096.38	4052581.50	66.95	66.95
DISCCART	732096.38	4052606.50	66.84	66.84
DISCCART	732096.38	4052631.50	66.75	66.75
DISCCART	732096.38	4052656.50	66.62	66.62
DISCCART	732096.38	4052681.50	66.52	66.52
DISCCART	732096.38	4052706.50	66.40	66.40
DISCCART	732096.38	4052731.50	66.32	66.32
DISCCART	732096.38	4052756.50	66.24	66.24
DISCCART	732096.38	4052781.50	66.14	66.14
DISCCART	732096.38	4052806.50	66.05	66.05
DISCCART	732096.38	4052831.50	66.04	66.04
DISCCART	732096.38	4052856.50	65.95	65.95
DISCCART	732096.38	4052881.50	65.88	65.88
DISCCART	732096.38	4052906.50	65.84	65.84
DISCCART	732096.38	4052931.50	65.74	65.74
DISCCART	732096.38	4052956.50	65.66	65.66
DISCCART	732096.38	4052981.50	65.56	65.56
DISCCART	732096.38	4053006.50	65.46	65.46
DISCCART	732096.38	4053031.50	65.43	65.43
DISCCART	732096.38	4053056.50	65.34	65.34
DISCCART	732096.38	4053081.50	65.27	65.27
DISCCART	732096.38	4053106.50	65.21	65.21
DISCCART	732096.38	4053131.50	65.13	65.13
DISCCART	732096.38	4053156.50	65.04	65.04
DISCCART	732096.38	4053181.50	64.98	64.98
DISCCART	732096.38	4053206.50	64.94	64.94
DISCCART	732096.38	4053856.50	63.24	63.24
DISCCART	732096.38	4053881.50	63.24	63.24
DISCCART	732096.38	4053906.50	63.24	63.24
DISCCART	732096.38	4053931.50	63.21	63.21
DISCCART	732096.38	4053956.50	63.15	63.15
DISCCART	732096.38	4053981.50	63.14	63.14
DISCCART	732096.38	4054006.50	63.14	63.14
DISCCART	732096.38	4054031.50	63.13	63.13
DISCCART	732096.38	4054056.50	63.13	63.13
DISCCART	732096.38	4055206.50	62.65	62.65
DISCCART	732096.38	4055231.50	62.71	62.71
DISCCART	732096.38	4055256.50	62.73	62.73
DISCCART	732096.38	4055281.50	62.73	62.73
DISCCART	732096.38	4055306.50	62.74	62.74
DISCCART	732096.38	4055331.50	62.74	62.74
DISCCART	732121.38	4052331.50	68.14	68.14
DISCCART	732121.38	4052356.50	67.98	67.98
DISCCART	732121.38	4052381.50	67.85	67.85
DISCCART	732121.38	4052406.50	67.73	67.73
DISCCART	732121.38	4052431.50	67.60	67.60
DISCCART	732121.38	4052456.50	67.51	67.51
DISCCART	732121.38	4052481.50	67.38	67.38
DISCCART	732121.38	4052506.50	67.26	67.26
DISCCART	732121.38	4052531.50	67.14	67.14
DISCCART	732121.38	4052556.50	67.02	67.02
DISCCART	732121.38	4052581.50	66.90	66.90
DISCCART	732121.38	4052606.50	66.80	66.80
DISCCART	732121.38	4052631.50	66.66	66.66
DISCCART	732121.38	4052656.50	66.54	66.54
DISCCART	732121.38	4052681.50	66.45	66.45
DISCCART	732121.38	4052706.50	66.34	66.34
DISCCART	732121.38	4052731.50	66.26	66.26
DISCCART	732121.38	4052756.50	66.17	66.17
DISCCART	732121.38	4052781.50	66.13	66.13
DISCCART	732121.38	4052806.50	66.04	66.04
DISCCART	732121.38	4052831.50	65.95	65.95
DISCCART	732121.38	4052856.50	65.87	65.87
DISCCART	732121.38	4052881.50	65.84	65.84
DISCCART	732121.38	4052906.50	65.77	65.77
DISCCART	732121.38	4052931.50	65.66	65.66
DISCCART	732121.38	4052956.50	65.62	65.62
DISCCART	732121.38	4052981.50	65.54	65.54
DISCCART	732121.38	4053006.50	65.44	65.44
DISCCART	732121.38	4053031.50	65.34	65.34
DISCCART	732121.38	4053056.50	65.27	65.27
DISCCART	732121.38	4053081.50	65.24	65.24
DISCCART	732121.38	4053106.50	65.14	65.14
DISCCART	732121.38	4053131.50	65.06	65.06
DISCCART	732121.38	4053156.50	65.03	65.03
DISCCART	732121.38	4053181.50	64.94	64.94

DISCCART	732121.38	4053206.50	64.86	64.86
DISCCART	732121.38	4053981.50	63.14	63.14
DISCCART	732121.38	4054006.50	63.14	63.14
DISCCART	732121.38	4054031.50	63.07	63.07
DISCCART	732121.38	4054056.50	63.04	63.04
DISCCART	732121.38	4055206.50	62.64	62.64
DISCCART	732121.38	4055231.50	62.64	62.64
DISCCART	732121.38	4055256.50	62.64	62.64
DISCCART	732121.38	4055281.50	62.64	62.64
DISCCART	732121.38	4055306.50	62.64	62.64
DISCCART	732121.38	4055331.50	62.64	62.64
DISCCART	732146.38	4052331.50	68.08	68.08
DISCCART	732146.38	4052356.50	67.94	67.94
DISCCART	732146.38	4052381.50	67.79	67.79
DISCCART	732146.38	4052406.50	67.66	67.66
DISCCART	732146.38	4052431.50	67.57	67.57
DISCCART	732146.38	4052456.50	67.45	67.45
DISCCART	732146.38	4052481.50	67.32	67.32
DISCCART	732146.38	4052506.50	67.20	67.20
DISCCART	732146.38	4052531.50	67.07	67.07
DISCCART	732146.38	4052556.50	66.96	66.96
DISCCART	732146.38	4052581.50	66.86	66.86
DISCCART	732146.38	4052606.50	66.74	66.74
DISCCART	732146.38	4052631.50	66.62	66.62
DISCCART	732146.38	4052656.50	66.51	66.51
DISCCART	732146.38	4052681.50	66.39	66.39
DISCCART	732146.38	4052706.50	66.33	66.33
DISCCART	732146.38	4052731.50	66.23	66.23
DISCCART	732146.38	4052756.50	66.14	66.14
DISCCART	732146.38	4052781.50	66.08	66.08
DISCCART	732146.38	4052806.50	66.00	66.00
DISCCART	732146.38	4052831.50	65.94	65.94
DISCCART	732146.38	4052856.50	65.86	65.86
DISCCART	732146.38	4052881.50	65.76	65.76
DISCCART	732146.38	4052906.50	65.74	65.74
DISCCART	732146.38	4052931.50	65.65	65.65
DISCCART	732146.38	4052956.50	65.53	65.53
DISCCART	732146.38	4052981.50	65.44	65.44
DISCCART	732146.38	4053006.50	65.40	65.40
DISCCART	732146.38	4053031.50	65.32	65.32
DISCCART	732146.38	4053056.50	65.24	65.24
DISCCART	732146.38	4053081.50	65.14	65.14
DISCCART	732146.38	4053106.50	65.11	65.11
DISCCART	732146.38	4053131.50	65.02	65.02
DISCCART	732146.38	4053156.50	64.94	64.94
DISCCART	732146.38	4053181.50	64.88	64.88
DISCCART	732146.38	4053206.50	64.84	64.84
DISCCART	732146.38	4053981.50	63.07	63.07
DISCCART	732146.38	4054006.50	63.04	63.04
DISCCART	732146.38	4054031.50	63.04	63.04
DISCCART	732146.38	4054056.50	63.04	63.04
DISCCART	732146.38	4055206.50	62.62	62.62
DISCCART	732146.38	4055231.50	62.62	62.62
DISCCART	732146.38	4055256.50	62.63	62.63
DISCCART	732146.38	4055281.50	62.64	62.64
DISCCART	732146.38	4055306.50	62.64	62.64
DISCCART	732146.38	4055331.50	62.64	62.64
DISCCART	732171.38	4052331.50	68.03	68.03
DISCCART	732171.38	4052356.50	67.88	67.88
DISCCART	732171.38	4052381.50	67.75	67.75
DISCCART	732171.38	4052406.50	67.63	67.63
DISCCART	732171.38	4052431.50	67.50	67.50
DISCCART	732171.38	4052456.50	67.41	67.41
DISCCART	732171.38	4052481.50	67.27	67.27
DISCCART	732171.38	4052506.50	67.15	67.15
DISCCART	732171.38	4052531.50	67.04	67.04
DISCCART	732171.38	4052556.50	66.93	66.93
DISCCART	732171.38	4052581.50	66.80	66.80
DISCCART	732171.38	4052606.50	66.68	66.68
DISCCART	732171.38	4052631.50	66.56	66.56
DISCCART	732171.38	4052656.50	66.44	66.44
DISCCART	732171.38	4052681.50	66.34	66.34
DISCCART	732171.38	4052706.50	66.25	66.25
DISCCART	732171.38	4052731.50	66.19	66.19
DISCCART	732171.38	4052756.50	66.11	66.11
DISCCART	732171.38	4052781.50	66.04	66.04
DISCCART	732171.38	4052806.50	65.95	65.95
DISCCART	732171.38	4052831.50	65.87	65.87
DISCCART	732171.38	4052856.50	65.80	65.80
DISCCART	732171.38	4052881.50	65.74	65.74
DISCCART	732171.38	4052906.50	65.64	65.64
DISCCART	732171.38	4052931.50	65.56	65.56
DISCCART	732171.38	4052956.50	65.51	65.51
DISCCART	732171.38	4052981.50	65.40	65.40
DISCCART	732171.38	4053006.50	65.34	65.34
DISCCART	732171.38	4053031.50	65.26	65.26
DISCCART	732171.38	4053056.50	65.17	65.17
DISCCART	732171.38	4053081.50	65.10	65.10
DISCCART	732171.38	4053106.50	65.04	65.04
DISCCART	732171.38	4053131.50	64.96	64.96
DISCCART	732171.38	4053156.50	64.90	64.90
DISCCART	732171.38	4053181.50	64.84	64.84
DISCCART	732171.38	4053206.50	64.75	64.75
DISCCART	732171.38	4053981.50	63.04	63.04
DISCCART	732171.38	4054006.50	63.04	63.04
DISCCART	732171.38	4054031.50	63.00	63.00
DISCCART	732171.38	4054056.50	62.97	62.97
DISCCART	732171.38	4055206.50	62.54	62.54
DISCCART	732171.38	4055231.50	62.54	62.54
DISCCART	732171.38	4055256.50	62.54	62.54
DISCCART	732171.38	4055281.50	62.54	62.54
DISCCART	732171.38	4055306.50	62.54	62.54
DISCCART	732171.38	4055331.50	62.59	62.59
DISCCART	732196.38	4052331.50	67.98	67.98
DISCCART	732196.38	4052356.50	67.84	67.84
DISCCART	732196.38	4052381.50	67.72	67.72
DISCCART	732196.38	4052406.50	67.59	67.59
DISCCART	732196.38	4052431.50	67.47	67.47
DISCCART	732196.38	4052456.50	67.35	67.35
DISCCART	732196.38	4052481.50	67.23	67.23
DISCCART	732196.38	4052506.50	67.10	67.10
DISCCART	732196.38	4052531.50	66.97	66.97
DISCCART	732196.38	4052556.50	66.85	66.85
DISCCART	732196.38	4052581.50	66.75	66.75
DISCCART	732196.38	4052606.50	66.64	66.64
DISCCART	732196.38	4052631.50	66.52	66.52
DISCCART	732196.38	4052656.50	66.40	66.40

DISCCART	732196.38	4052681.50	66.32	66.32
DISCCART	732196.38	4052706.50	66.24	66.24
DISCCART	732196.38	4052731.50	66.14	66.14
DISCCART	732196.38	4052756.50	66.05	66.05
DISCCART	732196.38	4052781.50	65.98	65.98
DISCCART	732196.38	4052806.50	65.90	65.90
DISCCART	732196.38	4052831.50	65.84	65.84
DISCCART	732196.38	4052856.50	65.75	65.75
DISCCART	732196.38	4052881.50	65.66	65.66
DISCCART	732196.38	4052906.50	65.60	65.60
DISCCART	732196.38	4052931.50	65.52	65.52
DISCCART	732196.38	4052956.50	65.44	65.44
DISCCART	732196.38	4052981.50	65.34	65.34
DISCCART	732196.38	4053006.50	65.25	65.25
DISCCART	732196.38	4053031.50	65.22	65.22
DISCCART	732196.38	4053056.50	65.14	65.14
DISCCART	732196.38	4053081.50	65.04	65.04
DISCCART	732196.38	4053106.50	64.95	64.95
DISCCART	732196.38	4053131.50	64.93	64.93
DISCCART	732196.38	4053156.50	64.84	64.84
DISCCART	732196.38	4053181.50	64.77	64.77
DISCCART	732196.38	4053206.50	64.71	64.71
DISCCART	732196.38	4053981.50	63.04	63.04
DISCCART	732196.38	4054006.50	63.04	63.04
DISCCART	732196.38	4054031.50	62.96	62.96
DISCCART	732196.38	4054056.50	62.94	62.94
DISCCART	732196.38	4055206.50	62.53	62.53
DISCCART	732196.38	4055231.50	62.53	62.53
DISCCART	732196.38	4055256.50	62.53	62.53
DISCCART	732196.38	4055281.50	62.54	62.54
DISCCART	732196.38	4055306.50	62.54	62.54
DISCCART	732196.38	4055331.50	62.54	62.54
DISCCART	732221.38	4052331.50	67.93	67.93
DISCCART	732221.38	4052356.50	67.81	67.81
DISCCART	732221.38	4052381.50	67.65	67.65
DISCCART	732221.38	4052406.50	67.52	67.52
DISCCART	732221.38	4052431.50	67.40	67.40
DISCCART	732221.38	4052456.50	67.30	67.30
DISCCART	732221.38	4052481.50	67.17	67.17
DISCCART	732221.38	4052506.50	67.05	67.05
DISCCART	732221.38	4052531.50	66.94	66.94
DISCCART	732221.38	4052556.50	66.82	66.82
DISCCART	732221.38	4052581.50	66.70	66.70
DISCCART	732221.38	4052606.50	66.58	66.58
DISCCART	732221.38	4052631.50	66.45	66.45
DISCCART	732221.38	4052656.50	66.34	66.34
DISCCART	732221.38	4052681.50	66.26	66.26
DISCCART	732221.38	4052706.50	66.17	66.17
DISCCART	732221.38	4052731.50	66.10	66.10
DISCCART	732221.38	4052756.50	66.04	66.04
DISCCART	732221.38	4052781.50	65.94	65.94
DISCCART	732221.38	4052806.50	65.86	65.86
DISCCART	732221.38	4052831.50	65.80	65.80
DISCCART	732221.38	4052856.50	65.72	65.72
DISCCART	732221.38	4052881.50	65.64	65.64
DISCCART	732221.38	4052906.50	65.54	65.54
DISCCART	732221.38	4052931.50	65.45	65.45
DISCCART	732221.38	4052956.50	65.38	65.38
DISCCART	732221.38	4052981.50	65.30	65.30
DISCCART	732221.38	4053006.50	65.23	65.23
DISCCART	732221.38	4053031.50	65.14	65.14
DISCCART	732221.38	4053056.50	65.07	65.07
DISCCART	732221.38	4053081.50	65.00	65.00
DISCCART	732221.38	4053106.50	64.94	64.94
DISCCART	732221.38	4053131.50	64.84	64.84
DISCCART	732221.38	4053156.50	64.78	64.78
DISCCART	732221.38	4053181.50	64.74	64.74
DISCCART	732221.38	4053206.50	64.65	64.65
DISCCART	732221.38	4053231.50	64.60	64.60
DISCCART	732221.38	4053981.50	63.00	63.00
DISCCART	732221.38	4054006.50	62.94	62.94
DISCCART	732221.38	4054031.50	62.94	62.94
DISCCART	732221.38	4054056.50	62.94	62.94
DISCCART	732221.38	4055206.50	62.44	62.44
DISCCART	732221.38	4055231.50	62.44	62.44
DISCCART	732221.38	4055256.50	62.44	62.44
DISCCART	732221.38	4055281.50	62.44	62.44
DISCCART	732221.38	4055306.50	62.44	62.44
DISCCART	732221.38	4055331.50	62.49	62.49
DISCCART	732246.38	4052331.50	67.87	67.87
DISCCART	732246.38	4052356.50	67.74	67.74
DISCCART	732246.38	4052381.50	67.62	67.62
DISCCART	732246.38	4052406.50	67.49	67.49
DISCCART	732246.38	4052431.50	67.36	67.36
DISCCART	732246.38	4052456.50	67.25	67.25
DISCCART	732246.38	4052481.50	67.14	67.14
DISCCART	732246.38	4052506.50	67.00	67.00
DISCCART	732246.38	4052531.50	66.87	66.87
DISCCART	732246.38	4052556.50	66.75	66.75
DISCCART	732246.38	4052581.50	66.64	66.64
DISCCART	732246.38	4052606.50	66.54	66.54
DISCCART	732246.38	4052631.50	66.42	66.42
DISCCART	732246.38	4052656.50	66.32	66.32
DISCCART	732246.38	4052681.50	66.23	66.23
DISCCART	732246.38	4052706.50	66.14	66.14
DISCCART	732246.38	4052731.50	66.05	66.05
DISCCART	732246.38	4052756.50	65.96	65.96
DISCCART	732246.38	4052781.50	65.93	65.93
DISCCART	732246.38	4052806.50	65.84	65.84
DISCCART	732246.38	4052831.50	65.74	65.74
DISCCART	732246.38	4052856.50	65.65	65.65
DISCCART	732246.38	4052881.50	65.54	65.54
DISCCART	732246.38	4052906.50	65.50	65.50
DISCCART	732246.38	4052931.50	65.42	65.42
DISCCART	732246.38	4052956.50	65.34	65.34
DISCCART	732246.38	4052981.50	65.25	65.25
DISCCART	732246.38	4053006.50	65.15	65.15
DISCCART	732246.38	4053031.50	65.09	65.09
DISCCART	732246.38	4053056.50	65.04	65.04
DISCCART	732246.38	4053081.50	64.94	64.94
DISCCART	732246.38	4053106.50	64.86	64.86
DISCCART	732246.38	4053131.50	64.83	64.83
DISCCART	732246.38	4053156.50	64.74	64.74
DISCCART	732246.38	4053181.50	64.66	64.66
DISCCART	732246.38	4053206.50	64.61	64.61
DISCCART	732246.38	4053231.50	64.54	64.54
DISCCART	732246.38	4053981.50	62.94	62.94

DISCCART	732246.38	4054006.50	62.94	62.94
DISCCART	732246.38	4054031.50	62.93	62.93
DISCCART	732246.38	4054056.50	62.85	62.85
DISCCART	732246.38	4055206.50	62.42	62.42
DISCCART	732246.38	4055231.50	62.43	62.43
DISCCART	732246.38	4055256.50	62.44	62.44
DISCCART	732246.38	4055281.50	62.44	62.44
DISCCART	732246.38	4055306.50	62.44	62.44
DISCCART	732246.38	4055331.50	62.44	62.44
DISCCART	732271.38	4052331.50	67.80	67.80
DISCCART	732271.38	4052356.50	67.68	67.68
DISCCART	732271.38	4052381.50	67.55	67.55
DISCCART	732271.38	4052406.50	67.43	67.43
DISCCART	732271.38	4052431.50	67.30	67.30
DISCCART	732271.38	4052456.50	67.17	67.17
DISCCART	732271.38	4052481.50	67.05	67.05
DISCCART	732271.38	4052506.50	66.94	66.94
DISCCART	732271.38	4052531.50	66.84	66.84
DISCCART	732271.38	4052556.50	66.72	66.72
DISCCART	732271.38	4052581.50	66.58	66.58
DISCCART	732271.38	4052606.50	66.48	66.48
DISCCART	732271.38	4052631.50	66.36	66.36
DISCCART	732271.38	4052656.50	66.28	66.28
DISCCART	732271.38	4052681.50	66.18	66.18
DISCCART	732271.38	4052706.50	66.11	66.11
DISCCART	732271.38	4052731.50	66.04	66.04
DISCCART	732271.38	4052756.50	65.94	65.94
DISCCART	732271.38	4052781.50	65.85	65.85
DISCCART	732271.38	4052806.50	65.75	65.75
DISCCART	732271.38	4052831.50	65.70	65.70
DISCCART	732271.38	4052856.50	65.61	65.61
DISCCART	732271.38	4052881.50	65.54	65.54
DISCCART	732271.38	4052906.50	65.44	65.44
DISCCART	732271.38	4052931.50	65.36	65.36
DISCCART	732271.38	4052956.50	65.27	65.27
DISCCART	732271.38	4052981.50	65.23	65.23
DISCCART	732271.38	4053006.50	65.13	65.13
DISCCART	732271.38	4053031.50	65.04	65.04
DISCCART	732271.38	4053056.50	64.96	64.96
DISCCART	732271.38	4053081.50	64.90	64.90
DISCCART	732271.38	4053106.50	64.84	64.84
DISCCART	732271.38	4053131.50	64.74	64.74
DISCCART	732271.38	4053156.50	64.68	64.68
DISCCART	732271.38	4053181.50	64.64	64.64
DISCCART	732271.38	4053206.50	64.54	64.54
DISCCART	732271.38	4053231.50	64.50	64.50
DISCCART	732271.38	4053981.50	62.94	62.94
DISCCART	732271.38	4054006.50	62.94	62.94
DISCCART	732271.38	4054031.50	62.88	62.88
DISCCART	732271.38	4054056.50	62.84	62.84
DISCCART	732271.38	4055206.50	62.34	62.34
DISCCART	732271.38	4055231.50	62.34	62.34
DISCCART	732271.38	4055256.50	62.34	62.34
DISCCART	732271.38	4055281.50	62.34	62.34
DISCCART	732271.38	4055306.50	62.36	62.36
DISCCART	732271.38	4055331.50	62.39	62.39
DISCCART	732296.38	4052331.50	67.72	67.72
DISCCART	732296.38	4052356.50	67.61	67.61
DISCCART	732296.38	4052381.50	67.48	67.48
DISCCART	732296.38	4052406.50	67.36	67.36
DISCCART	732296.38	4052431.50	67.25	67.25
DISCCART	732296.38	4052456.50	67.11	67.11
DISCCART	732296.38	4052481.50	66.97	66.97
DISCCART	732296.38	4052506.50	66.91	66.91
DISCCART	732296.38	4052531.50	66.77	66.77
DISCCART	732296.38	4052556.50	66.64	66.64
DISCCART	732296.38	4052581.50	66.54	66.54
DISCCART	732296.38	4052606.50	66.42	66.42
DISCCART	732296.38	4052631.50	66.33	66.33
DISCCART	732296.38	4052656.50	66.24	66.24
DISCCART	732296.38	4052681.50	66.15	66.15
DISCCART	732296.38	4052706.50	66.06	66.06
DISCCART	732296.38	4052731.50	65.97	65.97
DISCCART	732296.38	4052756.50	65.90	65.90
DISCCART	732296.38	4052781.50	65.84	65.84
DISCCART	732296.38	4052806.50	65.74	65.74
DISCCART	732296.38	4052831.50	65.65	65.65
DISCCART	732296.38	4052856.50	65.54	65.54
DISCCART	732296.38	4052881.50	65.47	65.47
DISCCART	732296.38	4052906.50	65.41	65.41
DISCCART	732296.38	4052931.50	65.32	65.32
DISCCART	732296.38	4052956.50	65.24	65.24
DISCCART	732296.38	4052981.50	65.15	65.15
DISCCART	732296.38	4053006.50	65.06	65.06
DISCCART	732296.38	4053031.50	64.99	64.99
DISCCART	732296.38	4053056.50	64.94	64.94
DISCCART	732296.38	4053081.50	64.84	64.84
DISCCART	732296.38	4053106.50	64.76	64.76
DISCCART	732296.38	4053131.50	64.73	64.73
DISCCART	732296.38	4053156.50	64.64	64.64
DISCCART	732296.38	4053181.50	64.54	64.54
DISCCART	732296.38	4053206.50	64.52	64.52
DISCCART	732296.38	4053231.50	64.44	64.44
DISCCART	732296.38	4053981.50	62.93	62.93
DISCCART	732296.38	4054006.50	62.84	62.84
DISCCART	732296.38	4054031.50	62.84	62.84
DISCCART	732296.38	4054056.50	62.84	62.84
DISCCART	732296.38	4055206.50	62.33	62.33
DISCCART	732296.38	4055231.50	62.34	62.34
DISCCART	732296.38	4055256.50	62.34	62.34
DISCCART	732296.38	4055281.50	62.34	62.34
DISCCART	732296.38	4055306.50	62.34	62.34
DISCCART	732296.38	4055331.50	62.34	62.34
DISCCART	732321.38	4052331.50	67.65	67.65
DISCCART	732321.38	4052356.50	67.53	67.53
DISCCART	732321.38	4052381.50	67.44	67.44
DISCCART	732321.38	4052406.50	67.31	67.31
DISCCART	732321.38	4052431.50	67.16	67.16
DISCCART	732321.38	4052456.50	67.04	67.04
DISCCART	732321.38	4052481.50	66.95	66.95
DISCCART	732321.38	4052506.50	66.83	66.83
DISCCART	732321.38	4052531.50	66.70	66.70
DISCCART	732321.38	4052556.50	66.62	66.62
DISCCART	732321.38	4052581.50	66.48	66.48
DISCCART	732321.38	4052606.50	66.38	66.38
DISCCART	732321.38	4052631.50	66.28	66.28
DISCCART	732321.38	4052656.50	66.20	66.20

DISCCART	732321.38	4052681.50	66.10	66.10
DISCCART	732321.38	4052706.50	66.02	66.02
DISCCART	732321.38	4052731.50	65.94	65.94
DISCCART	732321.38	4052756.50	65.85	65.85
DISCCART	732321.38	4052781.50	65.75	65.75
DISCCART	732321.38	4052806.50	65.68	65.68
DISCCART	732321.38	4052831.50	65.60	65.60
DISCCART	732321.38	4052856.50	65.52	65.52
DISCCART	732321.38	4052881.50	65.44	65.44
DISCCART	732321.38	4052906.50	65.34	65.34
DISCCART	732321.38	4052931.50	65.26	65.26
DISCCART	732321.38	4052956.50	65.17	65.17
DISCCART	732321.38	4052981.50	65.10	65.10
DISCCART	732321.38	4053006.50	65.04	65.04
DISCCART	732321.38	4053031.50	64.94	64.94
DISCCART	732321.38	4053056.50	64.85	64.85
DISCCART	732321.38	4053081.50	64.80	64.80
DISCCART	732321.38	4053106.50	64.74	64.74
DISCCART	732321.38	4053131.50	64.64	64.64
DISCCART	732321.38	4053156.50	64.58	64.58
DISCCART	732321.38	4053181.50	64.54	64.54
DISCCART	732321.38	4053206.50	64.44	64.44
DISCCART	732321.38	4053231.50	64.40	64.40
DISCCART	732321.38	4053981.50	62.84	62.84
DISCCART	732321.38	4054006.50	62.84	62.84
DISCCART	732321.38	4054031.50	62.84	62.84
DISCCART	732321.38	4054056.50	62.77	62.77
DISCCART	732321.38	4055231.50	62.24	62.24
DISCCART	732321.38	4055256.50	62.24	62.24
DISCCART	732321.38	4055281.50	62.24	62.24
DISCCART	732321.38	4055306.50	62.29	62.29
DISCCART	732321.38	4055331.50	62.34	62.34
DISCCART	732346.38	4052331.50	67.57	67.57
DISCCART	732346.38	4052356.50	67.46	67.46
DISCCART	732346.38	4052381.50	67.35	67.35
DISCCART	732346.38	4052406.50	67.24	67.24
DISCCART	732346.38	4052431.50	67.13	67.13
DISCCART	732346.38	4052456.50	67.01	67.01
DISCCART	732346.38	4052481.50	66.88	66.88
DISCCART	732346.38	4052506.50	66.74	66.74
DISCCART	732346.38	4052531.50	66.64	66.64
DISCCART	732346.38	4052556.50	66.54	66.54
DISCCART	732346.38	4052581.50	66.43	66.43
DISCCART	732346.38	4052606.50	66.34	66.34
DISCCART	732346.38	4052631.50	66.24	66.24
DISCCART	732346.38	4052656.50	66.15	66.15
DISCCART	732346.38	4052681.50	66.05	66.05
DISCCART	732346.38	4052706.50	65.96	65.96
DISCCART	732346.38	4052731.50	65.87	65.87
DISCCART	732346.38	4052756.50	65.81	65.81
DISCCART	732346.38	4052781.50	65.74	65.74
DISCCART	732346.38	4052806.50	65.64	65.64
DISCCART	732346.38	4052831.50	65.55	65.55
DISCCART	732346.38	4052856.50	65.44	65.44
DISCCART	732346.38	4052881.50	65.37	65.37
DISCCART	732346.38	4052906.50	65.30	65.30
DISCCART	732346.38	4052931.50	65.22	65.22
DISCCART	732346.38	4052956.50	65.14	65.14
DISCCART	732346.38	4052981.50	65.05	65.05
DISCCART	732346.38	4053006.50	64.96	64.96
DISCCART	732346.38	4053031.50	64.88	64.88
DISCCART	732346.38	4053056.50	64.84	64.84
DISCCART	732346.38	4053081.50	64.74	64.74
DISCCART	732346.38	4053106.50	64.65	64.65
DISCCART	732346.38	4053131.50	64.63	64.63
DISCCART	732346.38	4053156.50	64.54	64.54
DISCCART	732346.38	4053181.50	64.46	64.46
DISCCART	732346.38	4053206.50	64.43	64.43
DISCCART	732346.38	4053231.50	64.34	64.34
DISCCART	732346.38	4053981.50	62.84	62.84
DISCCART	732346.38	4054006.50	62.84	62.84
DISCCART	732346.38	4054031.50	62.78	62.78
DISCCART	732346.38	4054056.50	62.74	62.74
DISCCART	732346.38	4055231.50	62.24	62.24
DISCCART	732346.38	4055256.50	62.24	62.24
DISCCART	732346.38	4055281.50	62.24	62.24
DISCCART	732346.38	4055306.50	62.24	62.24
DISCCART	732346.38	4055331.50	62.24	62.24
DISCCART	732371.38	4052331.50	67.50	67.50
DISCCART	732371.38	4052356.50	67.41	67.41
DISCCART	732371.38	4052381.50	67.26	67.26
DISCCART	732371.38	4052406.50	67.17	67.17
DISCCART	732371.38	4052431.50	67.05	67.05
DISCCART	732371.38	4052456.50	66.93	66.93
DISCCART	732371.38	4052481.50	66.84	66.84
DISCCART	732371.38	4052506.50	66.72	66.72
DISCCART	732371.38	4052531.50	66.61	66.61
DISCCART	732371.38	4052556.50	66.48	66.48
DISCCART	732371.38	4052581.50	66.38	66.38
DISCCART	732371.38	4052606.50	66.28	66.28
DISCCART	732371.38	4052631.50	66.20	66.20
DISCCART	732371.38	4052656.50	66.10	66.10
DISCCART	732371.38	4052681.50	66.04	66.04
DISCCART	732371.38	4052706.50	65.94	65.94
DISCCART	732371.38	4052731.50	65.84	65.84
DISCCART	732371.38	4052756.50	65.74	65.74
DISCCART	732371.38	4052781.50	65.65	65.65
DISCCART	732371.38	4052806.50	65.58	65.58
DISCCART	732371.38	4052831.50	65.50	65.50
DISCCART	732371.38	4052856.50	65.43	65.43
DISCCART	732371.38	4052881.50	65.34	65.34
DISCCART	732371.38	4052906.50	65.25	65.25
DISCCART	732371.38	4052931.50	65.16	65.16
DISCCART	732371.38	4052956.50	65.08	65.08
DISCCART	732371.38	4052981.50	65.00	65.00
DISCCART	732371.38	4053006.50	64.92	64.92
DISCCART	732371.38	4053031.50	64.84	64.84
DISCCART	732371.38	4053056.50	64.75	64.75
DISCCART	732371.38	4053081.50	64.70	64.70
DISCCART	732371.38	4053106.50	64.64	64.64
DISCCART	732371.38	4053131.50	64.54	64.54
DISCCART	732371.38	4053156.50	64.48	64.48
DISCCART	732371.38	4053181.50	64.44	64.44
DISCCART	732371.38	4053206.50	64.34	64.34
DISCCART	732371.38	4053231.50	64.30	64.30
DISCCART	732371.38	4053981.50	62.80	62.80
DISCCART	732371.38	4054006.50	62.74	62.74

DISCCART	732371.38	4054031.50	62.74	62.74
DISCCART	732371.38	4054056.50	62.74	62.74
DISCCART	732371.38	4055231.50	62.14	62.14
DISCCART	732371.38	4055256.50	62.19	62.19
DISCCART	732371.38	4055281.50	62.19	62.19
DISCCART	732371.38	4055306.50	62.24	62.24
DISCCART	732371.38	4055331.50	62.24	62.24
DISCCART	732396.38	4052331.50	67.45	67.45
DISCCART	732396.38	4052356.50	67.34	67.34
DISCCART	732396.38	4052381.50	67.23	67.23
DISCCART	732396.38	4052406.50	67.11	67.11
DISCCART	732396.38	4052431.50	66.98	66.98
DISCCART	732396.38	4052456.50	66.84	66.84
DISCCART	732396.38	4052481.50	66.77	66.77
DISCCART	732396.38	4052506.50	66.65	66.65
DISCCART	732396.38	4052531.50	66.53	66.53
DISCCART	732396.38	4052556.50	66.44	66.44
DISCCART	732396.38	4052581.50	66.33	66.33
DISCCART	732396.38	4052606.50	66.25	66.25
DISCCART	732396.38	4052631.50	66.15	66.15
DISCCART	732396.38	4052656.50	66.05	66.05
DISCCART	732396.38	4052681.50	65.96	65.96
DISCCART	732396.38	4052706.50	65.90	65.90
DISCCART	732396.38	4052731.50	65.83	65.83
DISCCART	732396.38	4052756.50	65.72	65.72
DISCCART	732396.38	4052781.50	65.64	65.64
DISCCART	732396.38	4052806.50	65.54	65.54
DISCCART	732396.38	4052831.50	65.45	65.45
DISCCART	732396.38	4052856.50	65.35	65.35
DISCCART	732396.38	4052881.50	65.29	65.29
DISCCART	732396.38	4052906.50	65.22	65.22
DISCCART	732396.38	4052931.50	65.13	65.13
DISCCART	732396.38	4052956.50	65.05	65.05
DISCCART	732396.38	4052981.50	64.95	64.95
DISCCART	732396.38	4053006.50	64.86	64.86
DISCCART	732396.38	4053031.50	64.77	64.77
DISCCART	732396.38	4053056.50	64.74	64.74
DISCCART	732396.38	4053081.50	64.64	64.64
DISCCART	732396.38	4053106.50	64.55	64.55
DISCCART	732396.38	4053131.50	64.53	64.53
DISCCART	732396.38	4053156.50	64.44	64.44
DISCCART	732396.38	4053181.50	64.37	64.37
DISCCART	732396.38	4053206.50	64.34	64.34
DISCCART	732396.38	4053231.50	64.24	64.24
DISCCART	732396.38	4053981.50	62.74	62.74
DISCCART	732396.38	4054006.50	62.74	62.74
DISCCART	732396.38	4054031.50	62.74	62.74
DISCCART	732396.38	4054056.50	62.66	62.66
DISCCART	732396.38	4055231.50	62.14	62.14
DISCCART	732396.38	4055256.50	62.14	62.14
DISCCART	732396.38	4055281.50	62.14	62.14
DISCCART	732396.38	4055306.50	62.14	62.14
DISCCART	732396.38	4055331.50	62.14	62.14
DISCCART	732421.38	4052331.50	67.35	67.35
DISCCART	732421.38	4052356.50	67.24	67.24
DISCCART	732421.38	4052381.50	67.14	67.14
DISCCART	732421.38	4052406.50	67.03	67.03
DISCCART	732421.38	4052431.50	66.94	66.94
DISCCART	732421.38	4052456.50	66.83	66.83
DISCCART	732421.38	4052481.50	66.70	66.70
DISCCART	732421.38	4052506.50	66.57	66.57
DISCCART	732421.38	4052531.50	66.48	66.48
DISCCART	732421.38	4052556.50	66.38	66.38
DISCCART	732421.38	4052581.50	66.27	66.27
DISCCART	732421.38	4052606.50	66.20	66.20
DISCCART	732421.38	4052631.50	66.10	66.10
DISCCART	732421.38	4052656.50	66.02	66.02
DISCCART	732421.38	4052681.50	65.94	65.94
DISCCART	732421.38	4052706.50	65.84	65.84
DISCCART	732421.38	4052731.50	65.74	65.74
DISCCART	732421.38	4052756.50	65.64	65.64
DISCCART	732421.38	4052781.50	65.58	65.58
DISCCART	732421.38	4052806.50	65.52	65.52
DISCCART	732421.38	4052831.50	65.43	65.43
DISCCART	732421.38	4052856.50	65.33	65.33
DISCCART	732421.38	4052881.50	65.23	65.23
DISCCART	732421.38	4052906.50	65.15	65.15
DISCCART	732421.38	4052931.50	65.06	65.06
DISCCART	732421.38	4052956.50	64.98	64.98
DISCCART	732421.38	4052981.50	64.90	64.90
DISCCART	732421.38	4053006.50	64.84	64.84
DISCCART	732421.38	4053031.50	64.74	64.74
DISCCART	732421.38	4053056.50	64.67	64.67
DISCCART	732421.38	4053081.50	64.60	64.60
DISCCART	732421.38	4053106.50	64.54	64.54
DISCCART	732421.38	4053131.50	64.46	64.46
DISCCART	732421.38	4053156.50	64.42	64.42
DISCCART	732421.38	4053181.50	64.34	64.34
DISCCART	732421.38	4053206.50	64.24	64.24
DISCCART	732421.38	4053231.50	64.20	64.20
DISCCART	732421.38	4053981.50	62.74	62.74
DISCCART	732421.38	4054006.50	62.74	62.74
DISCCART	732421.38	4054031.50	62.66	62.66
DISCCART	732421.38	4054056.50	62.64	62.64
DISCCART	732421.38	4055231.50	62.09	62.09
DISCCART	732421.38	4055256.50	62.09	62.09
DISCCART	732421.38	4055281.50	62.14	62.14
DISCCART	732421.38	4055306.50	62.14	62.14
DISCCART	732421.38	4055331.50	62.14	62.14
DISCCART	732446.38	4052331.50	67.28	67.28
DISCCART	732446.38	4052356.50	67.20	67.20
DISCCART	732446.38	4052381.50	67.07	67.07
DISCCART	732446.38	4052406.50	66.95	66.95
DISCCART	732446.38	4052431.50	66.84	66.84
DISCCART	732446.38	4052456.50	66.74	66.74
DISCCART	732446.38	4052481.50	66.63	66.63
DISCCART	732446.38	4052506.50	66.51	66.51
DISCCART	732446.38	4052531.50	66.42	66.42
DISCCART	732446.38	4052556.50	66.34	66.34
DISCCART	732446.38	4052581.50	66.24	66.24
DISCCART	732446.38	4052606.50	66.14	66.14
DISCCART	732446.38	4052631.50	66.05	66.05
DISCCART	732446.38	4052656.50	65.96	65.96
DISCCART	732446.38	4052681.50	65.86	65.86
DISCCART	732446.38	4052706.50	65.80	65.80
DISCCART	732446.38	4052731.50	65.73	65.73
DISCCART	732446.38	4052756.50	65.64	65.64

DISCCART	732446.38	4052781.50	65.54	65.54
DISCCART	732446.38	4052806.50	65.44	65.44
DISCCART	732446.38	4052831.50	65.35	65.35
DISCCART	732446.38	4052856.50	65.26	65.26
DISCCART	732446.38	4052881.50	65.19	65.19
DISCCART	732446.38	4052906.50	65.11	65.11
DISCCART	732446.38	4052931.50	65.04	65.04
DISCCART	732446.38	4052956.50	64.95	64.95
DISCCART	732446.38	4052981.50	64.85	64.85
DISCCART	732446.38	4053006.50	64.76	64.76
DISCCART	732446.38	4053031.50	64.73	64.73
DISCCART	732446.38	4053056.50	64.64	64.64
DISCCART	732446.38	4053081.50	64.54	64.54
DISCCART	732446.38	4053106.50	64.51	64.51
DISCCART	732446.38	4053131.50	64.44	64.44
DISCCART	732446.38	4053156.50	64.34	64.34
DISCCART	732446.38	4053181.50	64.28	64.28
DISCCART	732446.38	4053206.50	64.24	64.24
DISCCART	732446.38	4053231.50	64.14	64.14
DISCCART	732446.38	4053981.50	62.73	62.73
DISCCART	732446.38	4054006.50	62.64	62.64
DISCCART	732446.38	4054031.50	62.64	62.64
DISCCART	732446.38	4054056.50	62.64	62.64
DISCCART	732446.38	4055231.50	62.04	62.04
DISCCART	732446.38	4055256.50	62.04	62.04
DISCCART	732446.38	4055281.50	62.04	62.04
DISCCART	732446.38	4055306.50	62.04	62.04
DISCCART	732446.38	4055331.50	62.04	62.04
DISCCART	732471.38	4052331.50	67.24	67.24
DISCCART	732471.38	4052356.50	67.13	67.13
DISCCART	732471.38	4052381.50	67.00	67.00
DISCCART	732471.38	4052406.50	66.93	66.93
DISCCART	732471.38	4052431.50	66.79	66.79
DISCCART	732471.38	4052456.50	66.68	66.68
DISCCART	732471.38	4052481.50	66.56	66.56
DISCCART	732471.38	4052506.50	66.45	66.45
DISCCART	732471.38	4052531.50	66.36	66.36
DISCCART	732471.38	4052556.50	66.26	66.26
DISCCART	732471.38	4052581.50	66.17	66.17
DISCCART	732471.38	4052606.50	66.10	66.10
DISCCART	732471.38	4052631.50	66.00	66.00
DISCCART	732471.38	4052656.50	65.92	65.92
DISCCART	732471.38	4052681.50	65.84	65.84
DISCCART	732471.38	4052706.50	65.74	65.74
DISCCART	732471.38	4052731.50	65.66	65.66
DISCCART	732471.38	4052756.50	65.54	65.54
DISCCART	732471.38	4052781.50	65.48	65.48
DISCCART	732471.38	4052806.50	65.41	65.41
DISCCART	732471.38	4052831.50	65.33	65.33
DISCCART	732471.38	4052856.50	65.24	65.24
DISCCART	732471.38	4052881.50	65.14	65.14
DISCCART	732471.38	4052906.50	65.06	65.06
DISCCART	732471.38	4052931.50	64.97	64.97
DISCCART	732471.38	4052956.50	64.90	64.90
DISCCART	732471.38	4052981.50	64.84	64.84
DISCCART	732471.38	4053006.50	64.74	64.74
DISCCART	732471.38	4053031.50	64.65	64.65
DISCCART	732471.38	4053056.50	64.57	64.57
DISCCART	732471.38	4053081.50	64.54	64.54
DISCCART	732471.38	4053106.50	64.44	64.44
DISCCART	732471.38	4053131.50	64.36	64.36
DISCCART	732471.38	4053156.50	64.32	64.32
DISCCART	732471.38	4053181.50	64.24	64.24
DISCCART	732471.38	4053206.50	64.15	64.15
DISCCART	732471.38	4053231.50	64.10	64.10
DISCCART	732471.38	4053981.50	62.64	62.64
DISCCART	732471.38	4054006.50	62.64	62.64
DISCCART	732471.38	4054031.50	62.64	62.64
DISCCART	732471.38	4054056.50	62.57	62.57
DISCCART	732471.38	4055231.50	62.03	62.03
DISCCART	732471.38	4055256.50	62.04	62.04
DISCCART	732471.38	4055281.50	62.04	62.04
DISCCART	732471.38	4055306.50	62.04	62.04
DISCCART	732471.38	4055331.50	62.04	62.04
DISCCART	732496.38	4052331.50	67.15	67.15
DISCCART	732496.38	4052356.50	67.03	67.03
DISCCART	732496.38	4052381.50	66.94	66.94
DISCCART	732496.38	4052406.50	66.84	66.84
DISCCART	732496.38	4052431.50	66.72	66.72
DISCCART	732496.38	4052456.50	66.61	66.61
DISCCART	732496.38	4052481.50	66.52	66.52
DISCCART	732496.38	4052506.50	66.39	66.39
DISCCART	732496.38	4052531.50	66.32	66.32
DISCCART	732496.38	4052556.50	66.21	66.21
DISCCART	732496.38	4052581.50	66.14	66.14
DISCCART	732496.38	4052606.50	66.04	66.04
DISCCART	732496.38	4052631.50	65.95	65.95
DISCCART	732496.38	4052656.50	65.85	65.85
DISCCART	732496.38	4052681.50	65.77	65.77
DISCCART	732496.38	4052706.50	65.71	65.71
DISCCART	732496.38	4052731.50	65.63	65.63
DISCCART	732496.38	4052756.50	65.54	65.54
DISCCART	732496.38	4052781.50	65.44	65.44
DISCCART	732496.38	4052806.50	65.35	65.35
DISCCART	732496.38	4052831.50	65.27	65.27
DISCCART	732496.38	4052856.50	65.16	65.16
DISCCART	732496.38	4052881.50	65.08	65.08
DISCCART	732496.38	4052906.50	65.01	65.01
DISCCART	732496.38	4052931.50	64.94	64.94
DISCCART	732496.38	4052956.50	64.84	64.84
DISCCART	732496.38	4052981.50	64.76	64.76
DISCCART	732496.38	4053006.50	64.70	64.70
DISCCART	732496.38	4053031.50	64.63	64.63
DISCCART	732496.38	4053056.50	64.54	64.54
DISCCART	732496.38	4053081.50	64.44	64.44
DISCCART	732496.38	4053106.50	64.41	64.41
DISCCART	732496.38	4053131.50	64.33	64.33
DISCCART	732496.38	4053156.50	64.24	64.24
DISCCART	732496.38	4053181.50	64.18	64.18
DISCCART	732496.38	4053206.50	64.14	64.14
DISCCART	732496.38	4053231.50	64.04	64.04
DISCCART	732496.38	4053981.50	62.64	62.64
DISCCART	732496.38	4054006.50	62.64	62.64
DISCCART	732496.38	4054031.50	62.56	62.56
DISCCART	732496.38	4054056.50	62.54	62.54
DISCCART	732496.38	4054081.50	62.54	62.54
DISCCART	732496.38	4055231.50	61.94	61.94

DISCCART	732496.38	4055256.50	61.94	61.94
DISCCART	732496.38	4055281.50	61.94	61.94
DISCCART	732496.38	4055306.50	61.94	61.94
DISCCART	732496.38	4055331.50	61.94	61.94
DISCCART	732521.38	4052331.50	67.08	67.08
DISCCART	732521.38	4052356.50	66.97	66.97
DISCCART	732521.38	4052381.50	66.86	66.86
DISCCART	732521.38	4052406.50	66.75	66.75
DISCCART	732521.38	4052431.50	66.65	66.65
DISCCART	732521.38	4052456.50	66.55	66.55
DISCCART	732521.38	4052481.50	66.44	66.44
DISCCART	732521.38	4052506.50	66.35	66.35
DISCCART	732521.38	4052531.50	66.24	66.24
DISCCART	732521.38	4052556.50	66.15	66.15
DISCCART	732521.38	4052581.50	66.06	66.06
DISCCART	732521.38	4052606.50	65.97	65.97
DISCCART	732521.38	4052631.50	65.90	65.90
DISCCART	732521.38	4052656.50	65.83	65.83
DISCCART	732521.38	4052681.50	65.74	65.74
DISCCART	732521.38	4052706.50	65.64	65.64
DISCCART	732521.38	4052731.50	65.56	65.56
DISCCART	732521.38	4052756.50	65.47	65.47
DISCCART	732521.38	4052781.50	65.38	65.38
DISCCART	732521.38	4052806.50	65.30	65.30
DISCCART	732521.38	4052831.50	65.23	65.23
DISCCART	732521.38	4052856.50	65.14	65.14
DISCCART	732521.38	4052881.50	65.04	65.04
DISCCART	732521.38	4052906.50	64.95	64.95
DISCCART	732521.38	4052931.50	64.86	64.86
DISCCART	732521.38	4052956.50	64.81	64.81
DISCCART	732521.38	4052981.50	64.74	64.74
DISCCART	732521.38	4053006.50	64.64	64.64
DISCCART	732521.38	4053031.50	64.55	64.55
DISCCART	732521.38	4053056.50	64.53	64.53
DISCCART	732521.38	4053081.50	64.44	64.44
DISCCART	732521.38	4053106.50	64.34	64.34
DISCCART	732521.38	4053131.50	64.26	64.26
DISCCART	732521.38	4053156.50	64.22	64.22
DISCCART	732521.38	4053181.50	64.14	64.14
DISCCART	732521.38	4053206.50	64.05	64.05
DISCCART	732521.38	4053231.50	64.00	64.00
DISCCART	732521.38	4053981.50	62.64	62.64
DISCCART	732521.38	4054006.50	62.55	62.55
DISCCART	732521.38	4054031.50	62.54	62.54
DISCCART	732521.38	4054056.50	62.54	62.54
DISCCART	732521.38	4054081.50	62.50	62.50
DISCCART	732521.38	4055231.50	61.94	61.94
DISCCART	732521.38	4055256.50	61.94	61.94
DISCCART	732521.38	4055281.50	61.94	61.94
DISCCART	732521.38	4055306.50	61.94	61.94
DISCCART	732521.38	4055331.50	61.94	61.94
DISCCART	732546.38	4052331.50	67.02	67.02
DISCCART	732546.38	4052356.50	66.90	66.90
DISCCART	732546.38	4052381.50	66.79	66.79
DISCCART	732546.38	4052406.50	66.70	66.70
DISCCART	732546.38	4052431.50	66.58	66.58
DISCCART	732546.38	4052456.50	66.46	66.46
DISCCART	732546.38	4052481.50	66.37	66.37
DISCCART	732546.38	4052506.50	66.29	66.29
DISCCART	732546.38	4052531.50	66.17	66.17
DISCCART	732546.38	4052556.50	66.11	66.11
DISCCART	732546.38	4052581.50	66.04	66.04
DISCCART	732546.38	4052606.50	65.94	65.94
DISCCART	732546.38	4052631.50	65.85	65.85
DISCCART	732546.38	4052656.50	65.75	65.75
DISCCART	732546.38	4052681.50	65.68	65.68
DISCCART	732546.38	4052706.50	65.61	65.61
DISCCART	732546.38	4052731.50	65.52	65.52
DISCCART	732546.38	4052756.50	65.44	65.44
DISCCART	732546.38	4052781.50	65.34	65.34
DISCCART	732546.38	4052806.50	65.25	65.25
DISCCART	732546.38	4052831.50	65.17	65.17
DISCCART	732546.38	4052856.50	65.09	65.09
DISCCART	732546.38	4052881.50	65.03	65.03
DISCCART	732546.38	4052906.50	64.94	64.94
DISCCART	732546.38	4052931.50	64.84	64.84
DISCCART	732546.38	4052956.50	64.74	64.74
DISCCART	732546.38	4052981.50	64.66	64.66
DISCCART	732546.38	4053006.50	64.61	64.61
DISCCART	732546.38	4053031.50	64.54	64.54
DISCCART	732546.38	4053056.50	64.44	64.44
DISCCART	732546.38	4053081.50	64.38	64.38
DISCCART	732546.38	4053106.50	64.31	64.31
DISCCART	732546.38	4053131.50	64.24	64.24
DISCCART	732546.38	4053156.50	64.15	64.15
DISCCART	732546.38	4053181.50	64.08	64.08
DISCCART	732546.38	4053206.50	64.01	64.01
DISCCART	732546.38	4053231.50	63.94	63.94
DISCCART	732546.38	4053981.50	62.54	62.54
DISCCART	732546.38	4054006.50	62.54	62.54
DISCCART	732546.38	4054031.50	62.54	62.54
DISCCART	732546.38	4054056.50	62.50	62.50
DISCCART	732546.38	4054081.50	62.44	62.44
DISCCART	732546.38	4055231.50	61.84	61.84
DISCCART	732546.38	4055256.50	61.84	61.84
DISCCART	732546.38	4055281.50	61.84	61.84
DISCCART	732546.38	4055306.50	61.84	61.84
DISCCART	732546.38	4055331.50	61.85	61.85
DISCCART	732571.38	4052331.50	66.94	66.94
DISCCART	732571.38	4052356.50	66.85	66.85
DISCCART	732571.38	4052381.50	66.73	66.73
DISCCART	732571.38	4052406.50	66.62	66.62
DISCCART	732571.38	4052431.50	66.50	66.50
DISCCART	732571.38	4052456.50	66.40	66.40
DISCCART	732571.38	4052481.50	66.34	66.34
DISCCART	732571.38	4052506.50	66.24	66.24
DISCCART	732571.38	4052531.50	66.14	66.14
DISCCART	732571.38	4052556.50	66.04	66.04
DISCCART	732571.38	4052581.50	65.95	65.95
DISCCART	732571.38	4052606.50	65.88	65.88
DISCCART	732571.38	4052631.50	65.80	65.80
DISCCART	732571.38	4052656.50	65.73	65.73
DISCCART	732571.38	4052681.50	65.64	65.64
DISCCART	732571.38	4052706.50	65.55	65.55
DISCCART	732571.38	4052731.50	65.46	65.46
DISCCART	732571.38	4052756.50	65.38	65.38
DISCCART	732571.38	4052781.50	65.30	65.30

DISCCART	732571.38	4052806.50	65.22	65.22
DISCCART	732571.38	4052831.50	65.14	65.14
DISCCART	732571.38	4052856.50	65.05	65.05
DISCCART	732571.38	4052881.50	64.94	64.94
DISCCART	732571.38	4052906.50	64.85	64.85
DISCCART	732571.38	4052931.50	64.76	64.76
DISCCART	732571.38	4052956.50	64.73	64.73
DISCCART	732571.38	4052981.50	64.64	64.64
DISCCART	732571.38	4053006.50	64.54	64.54
DISCCART	732571.38	4053031.50	64.45	64.45
DISCCART	732571.38	4053056.50	64.42	64.42
DISCCART	732571.38	4053081.50	64.34	64.34
DISCCART	732571.38	4053106.50	64.25	64.25
DISCCART	732571.38	4053131.50	64.16	64.16
DISCCART	732571.38	4053156.50	64.12	64.12
DISCCART	732571.38	4053181.50	64.04	64.04
DISCCART	732571.38	4053206.50	63.95	63.95
DISCCART	732571.38	4053231.50	63.90	63.90
DISCCART	732571.38	4054006.50	62.54	62.54
DISCCART	732571.38	4054031.50	62.50	62.50
DISCCART	732571.38	4054056.50	62.44	62.44
DISCCART	732571.38	4054081.50	62.44	62.44
DISCCART	732571.38	4055231.50	61.84	61.84
DISCCART	732571.38	4055256.50	61.84	61.84
DISCCART	732571.38	4055281.50	61.84	61.84
DISCCART	732571.38	4055306.50	61.84	61.84
DISCCART	732571.38	4055331.50	61.84	61.84
DISCCART	732596.38	4052331.50	66.88	66.88
DISCCART	732596.38	4052356.50	66.76	66.76
DISCCART	732596.38	4052381.50	66.67	66.67
DISCCART	732596.38	4052406.50	66.56	66.56
DISCCART	732596.38	4052431.50	66.44	66.44
DISCCART	732596.38	4052456.50	66.35	66.35
DISCCART	732596.38	4052481.50	66.24	66.24
DISCCART	732596.38	4052506.50	66.16	66.16
DISCCART	732596.38	4052531.50	66.07	66.07
DISCCART	732596.38	4052556.50	66.00	66.00
DISCCART	732596.38	4052581.50	65.93	65.93
DISCCART	732596.38	4052606.50	65.84	65.84
DISCCART	732596.38	4052631.50	65.75	65.75
DISCCART	732596.38	4052656.50	65.65	65.65
DISCCART	732596.38	4052681.50	65.58	65.58
DISCCART	732596.38	4052706.50	65.50	65.50
DISCCART	732596.38	4052731.50	65.42	65.42
DISCCART	732596.38	4052756.50	65.34	65.34
DISCCART	732596.38	4052781.50	65.24	65.24
DISCCART	732596.38	4052806.50	65.15	65.15
DISCCART	732596.38	4052831.50	65.06	65.06
DISCCART	732596.38	4052856.50	64.99	64.99
DISCCART	732596.38	4052881.50	64.92	64.92
DISCCART	732596.38	4052906.50	64.84	64.84
DISCCART	732596.38	4052931.50	64.74	64.74
DISCCART	732596.38	4052956.50	64.64	64.64
DISCCART	732596.38	4052981.50	64.58	64.58
DISCCART	732596.38	4053006.50	64.53	64.53
DISCCART	732596.38	4053031.50	64.43	64.43
DISCCART	732596.38	4053056.50	64.34	64.34
DISCCART	732596.38	4053081.50	64.28	64.28
DISCCART	732596.38	4053106.50	64.20	64.20
DISCCART	732596.38	4053131.50	64.13	64.13
DISCCART	732596.38	4053156.50	64.04	64.04
DISCCART	732596.38	4053181.50	63.96	63.96
DISCCART	732596.38	4053206.50	63.91	63.91
DISCCART	732596.38	4053231.50	63.84	63.84
DISCCART	732596.38	4054006.50	62.54	62.54
DISCCART	732596.38	4054031.50	62.45	62.45
DISCCART	732596.38	4054056.50	62.44	62.44
DISCCART	732596.38	4054081.50	62.44	62.44
DISCCART	732596.38	4055231.50	61.74	61.74
DISCCART	732596.38	4055256.50	61.74	61.74
DISCCART	732596.38	4055281.50	61.74	61.74
DISCCART	732596.38	4055306.50	61.75	61.75
DISCCART	732596.38	4055331.50	61.76	61.76
DISCCART	732621.38	4052331.50	66.80	66.80
DISCCART	732621.38	4052356.50	66.71	66.71
DISCCART	732621.38	4052381.50	66.60	66.60
DISCCART	732621.38	4052406.50	66.50	66.50
DISCCART	732621.38	4052431.50	66.37	66.37
DISCCART	732621.38	4052456.50	66.27	66.27
DISCCART	732621.38	4052481.50	66.20	66.20
DISCCART	732621.38	4052506.50	66.13	66.13
DISCCART	732621.38	4052531.50	66.04	66.04
DISCCART	732621.38	4052556.50	65.94	65.94
DISCCART	732621.38	4052581.50	65.86	65.86
DISCCART	732621.38	4052606.50	65.77	65.77
DISCCART	732621.38	4052631.50	65.70	65.70
DISCCART	732621.38	4052656.50	65.63	65.63
DISCCART	732621.38	4052681.50	65.54	65.54
DISCCART	732621.38	4052706.50	65.45	65.45
DISCCART	732621.38	4052731.50	65.36	65.36
DISCCART	732621.38	4052756.50	65.28	65.28
DISCCART	732621.38	4052781.50	65.20	65.20
DISCCART	732621.38	4052806.50	65.12	65.12
DISCCART	732621.38	4052831.50	65.04	65.04
DISCCART	732621.38	4052856.50	64.95	64.95
DISCCART	732621.38	4052881.50	64.85	64.85
DISCCART	732621.38	4052906.50	64.77	64.77
DISCCART	732621.38	4052931.50	64.70	64.70
DISCCART	732621.38	4052956.50	64.63	64.63
DISCCART	732621.38	4052981.50	64.54	64.54
DISCCART	732621.38	4053006.50	64.44	64.44
DISCCART	732621.38	4053031.50	64.36	64.36
DISCCART	732621.38	4053056.50	64.31	64.31
DISCCART	732621.38	4053081.50	64.24	64.24
DISCCART	732621.38	4053106.50	64.15	64.15
DISCCART	732621.38	4053131.50	64.05	64.05
DISCCART	732621.38	4053156.50	64.00	64.00
DISCCART	732621.38	4053181.50	63.94	63.94
DISCCART	732621.38	4053206.50	63.85	63.85
DISCCART	732621.38	4053231.50	63.76	63.76
DISCCART	732621.38	4054006.50	62.44	62.44
DISCCART	732621.38	4054031.50	62.44	62.44
DISCCART	732621.38	4054056.50	62.43	62.43
DISCCART	732621.38	4054081.50	62.36	62.36
DISCCART	732621.38	4055231.50	61.74	61.74
DISCCART	732621.38	4055256.50	61.74	61.74
DISCCART	732621.38	4055281.50	61.74	61.74

DISCCART	732621.38	4055306.50	61.74	61.74
DISCCART	732621.38	4055331.50	61.74	61.74
DISCCART	732646.38	4052331.50	66.74	66.74
DISCCART	732646.38	4052356.50	66.64	66.64
DISCCART	732646.38	4052381.50	66.54	66.54
DISCCART	732646.38	4052406.50	66.44	66.44
DISCCART	732646.38	4052431.50	66.34	66.34
DISCCART	732646.38	4052456.50	66.24	66.24
DISCCART	732646.38	4052481.50	66.15	66.15
DISCCART	732646.38	4052506.50	66.05	66.05
DISCCART	732646.38	4052531.50	65.97	65.97
DISCCART	732646.38	4052556.50	65.90	65.90
DISCCART	732646.38	4052581.50	65.82	65.82
DISCCART	732646.38	4052606.50	65.74	65.74
DISCCART	732646.38	4052631.50	65.64	65.64
DISCCART	732646.38	4052656.50	65.55	65.55
DISCCART	732646.38	4052681.50	65.48	65.48
DISCCART	732646.38	4052706.50	65.40	65.40
DISCCART	732646.38	4052731.50	65.33	65.33
DISCCART	732646.38	4052756.50	65.24	65.24
DISCCART	732646.38	4052781.50	65.14	65.14
DISCCART	732646.38	4052806.50	65.05	65.05
DISCCART	732646.38	4052831.50	64.96	64.96
DISCCART	732646.38	4052856.50	64.90	64.90
DISCCART	732646.38	4052881.50	64.82	64.82
DISCCART	732646.38	4052906.50	64.74	64.74
DISCCART	732646.38	4052931.50	64.64	64.64
DISCCART	732646.38	4052956.50	64.54	64.54
DISCCART	732646.38	4052981.50	64.48	64.48
DISCCART	732646.38	4053006.50	64.42	64.42
DISCCART	732646.38	4053031.50	64.33	64.33
DISCCART	732646.38	4053056.50	64.24	64.24
DISCCART	732646.38	4053081.50	64.17	64.17
DISCCART	732646.38	4053106.50	64.10	64.10
DISCCART	732646.38	4053131.50	64.04	64.04
DISCCART	732646.38	4053156.50	63.94	63.94
DISCCART	732646.38	4053181.50	63.86	63.86
DISCCART	732646.38	4053206.50	63.80	63.80
DISCCART	732646.38	4053231.50	63.74	63.74
DISCCART	732646.38	4054006.50	62.44	62.44
DISCCART	732646.38	4054031.50	62.43	62.43
DISCCART	732646.38	4054056.50	62.34	62.34
DISCCART	732646.38	4054081.50	62.34	62.34
DISCCART	732646.38	4055231.50	61.68	61.68
DISCCART	732646.38	4055256.50	61.68	61.68
DISCCART	732646.38	4055281.50	61.72	61.72
DISCCART	732646.38	4055306.50	61.72	61.72
DISCCART	732646.38	4055331.50	61.72	61.72
DISCCART	732671.38	4052331.50	66.66	66.66
DISCCART	732671.38	4052356.50	66.58	66.58
DISCCART	732671.38	4052381.50	66.45	66.45
DISCCART	732671.38	4052406.50	66.38	66.38
DISCCART	732671.38	4052431.50	66.26	66.26
DISCCART	732671.38	4052456.50	66.17	66.17
DISCCART	732671.38	4052481.50	66.10	66.10
DISCCART	732671.38	4052506.50	66.03	66.03
DISCCART	732671.38	4052531.50	65.94	65.94
DISCCART	732671.38	4052556.50	65.84	65.84
DISCCART	732671.38	4052581.50	65.76	65.76
DISCCART	732671.38	4052606.50	65.67	65.67
DISCCART	732671.38	4052631.50	65.59	65.59
DISCCART	732671.38	4052656.50	65.51	65.51
DISCCART	732671.38	4052681.50	65.43	65.43
DISCCART	732671.38	4052706.50	65.34	65.34
DISCCART	732671.38	4052731.50	65.25	65.25
DISCCART	732671.38	4052756.50	65.18	65.18
DISCCART	732671.38	4052781.50	65.10	65.10
DISCCART	732671.38	4052806.50	65.02	65.02
DISCCART	732671.38	4052831.50	64.94	64.94
DISCCART	732671.38	4052856.50	64.84	64.84
DISCCART	732671.38	4052881.50	64.76	64.76
DISCCART	732671.38	4052906.50	64.67	64.67
DISCCART	732671.38	4052931.50	64.60	64.60
DISCCART	732671.38	4052956.50	64.53	64.53
DISCCART	732671.38	4052981.50	64.44	64.44
DISCCART	732671.38	4053006.50	64.35	64.35
DISCCART	732671.38	4053031.50	64.25	64.25
DISCCART	732671.38	4053056.50	64.20	64.20
DISCCART	732671.38	4053081.50	64.14	64.14
DISCCART	732671.38	4053106.50	64.05	64.05
DISCCART	732671.38	4053131.50	63.95	63.95
DISCCART	732671.38	4053156.50	63.90	63.90
DISCCART	732671.38	4053181.50	63.84	63.84
DISCCART	732671.38	4053206.50	63.74	63.74
DISCCART	732671.38	4053231.50	63.65	63.65
DISCCART	732671.38	4054006.50	62.43	62.43
DISCCART	732671.38	4054031.50	62.34	62.34
DISCCART	732671.38	4054056.50	62.34	62.34
DISCCART	732671.38	4054081.50	62.34	62.34
DISCCART	732671.38	4055231.50	61.64	61.64
DISCCART	732671.38	4055256.50	61.64	61.64
DISCCART	732671.38	4055281.50	61.64	61.64
DISCCART	732671.38	4055306.50	61.64	61.64
DISCCART	732671.38	4055331.50	61.64	61.64
DISCCART	732696.38	4052331.50	66.58	66.58
DISCCART	732696.38	4052356.50	66.50	66.50
DISCCART	732696.38	4052381.50	66.37	66.37
DISCCART	732696.38	4052406.50	66.31	66.31
DISCCART	732696.38	4052431.50	66.23	66.23
DISCCART	732696.38	4052456.50	66.14	66.14
DISCCART	732696.38	4052481.50	66.04	66.04
DISCCART	732696.38	4052506.50	65.94	65.94
DISCCART	732696.38	4052531.50	65.87	65.87
DISCCART	732696.38	4052556.50	65.75	65.75
DISCCART	732696.38	4052581.50	65.69	65.69
DISCCART	732696.38	4052606.50	65.62	65.62
DISCCART	732696.38	4052631.50	65.53	65.53
DISCCART	732696.38	4052656.50	65.44	65.44
DISCCART	732696.38	4052681.50	65.34	65.34
DISCCART	732696.38	4052706.50	65.30	65.30
DISCCART	732696.38	4052731.50	65.23	65.23
DISCCART	732696.38	4052756.50	65.14	65.14
DISCCART	732696.38	4052781.50	65.04	65.04
DISCCART	732696.38	4052806.50	64.95	64.95
DISCCART	732696.38	4052831.50	64.86	64.86
DISCCART	732696.38	4052856.50	64.80	64.80
DISCCART	732696.38	4052881.50	64.72	64.72

DISCCART	732696.38	4052906.50	64.64	64.64
DISCCART	732696.38	4052931.50	64.54	64.54
DISCCART	732696.38	4052956.50	64.45	64.45
DISCCART	732696.38	4052981.50	64.38	64.38
DISCCART	732696.38	4053006.50	64.30	64.30
DISCCART	732696.38	4053031.50	64.23	64.23
DISCCART	732696.38	4053056.50	64.14	64.14
DISCCART	732696.38	4053081.50	64.06	64.06
DISCCART	732696.38	4053106.50	63.99	63.99
DISCCART	732696.38	4053131.50	63.93	63.93
DISCCART	732696.38	4053156.50	63.84	63.84
DISCCART	732696.38	4053181.50	63.75	63.75
DISCCART	732696.38	4053206.50	63.70	63.70
DISCCART	732696.38	4053231.50	63.64	63.64
DISCCART	732696.38	4054006.50	62.34	62.34
DISCCART	732696.38	4054031.50	62.34	62.34
DISCCART	732696.38	4054056.50	62.34	62.34
DISCCART	732696.38	4054081.50	62.25	62.25
DISCCART	732696.38	4055231.50	61.64	61.64
DISCCART	732696.38	4055256.50	61.64	61.64
DISCCART	732696.38	4055281.50	61.64	61.64
DISCCART	732696.38	4055306.50	61.64	61.64
DISCCART	732696.38	4055331.50	61.64	61.64
DISCCART	732721.38	4052331.50	66.54	66.54
DISCCART	732721.38	4052356.50	66.42	66.42
DISCCART	732721.38	4052381.50	66.34	66.34
DISCCART	732721.38	4052406.50	66.24	66.24
DISCCART	732721.38	4052431.50	66.15	66.15
DISCCART	732721.38	4052456.50	66.04	66.04
DISCCART	732721.38	4052481.50	65.98	65.98
DISCCART	732721.38	4052506.50	65.92	65.92
DISCCART	732721.38	4052531.50	65.80	65.80
DISCCART	732721.38	4052556.50	65.73	65.73
DISCCART	732721.38	4052581.50	65.64	65.64
DISCCART	732721.38	4052606.50	65.55	65.55
DISCCART	732721.38	4052631.50	65.46	65.46
DISCCART	732721.38	4052656.50	65.37	65.37
DISCCART	732721.38	4052681.50	65.34	65.34
DISCCART	732721.38	4052706.50	65.24	65.24
DISCCART	732721.38	4052731.50	65.14	65.14
DISCCART	732721.38	4052756.50	65.05	65.05
DISCCART	732721.38	4052781.50	64.96	64.96
DISCCART	732721.38	4052806.50	64.93	64.93
DISCCART	732721.38	4052831.50	64.84	64.84
DISCCART	732721.38	4052856.50	64.74	64.74
DISCCART	732721.38	4052881.50	64.64	64.64
DISCCART	732721.38	4052906.50	64.55	64.55
DISCCART	732721.38	4052931.50	64.50	64.50
DISCCART	732721.38	4052956.50	64.43	64.43
DISCCART	732721.38	4052981.50	64.34	64.34
DISCCART	732721.38	4053006.50	64.25	64.25
DISCCART	732721.38	4053031.50	64.15	64.15
DISCCART	732721.38	4053056.50	64.08	64.08
DISCCART	732721.38	4053081.50	64.04	64.04
DISCCART	732721.38	4053106.50	63.94	63.94
DISCCART	732721.38	4053131.50	63.85	63.85
DISCCART	732721.38	4053156.50	63.77	63.77
DISCCART	732721.38	4053181.50	63.74	63.74
DISCCART	732721.38	4053206.50	63.64	63.64
DISCCART	732721.38	4053231.50	63.56	63.56
DISCCART	732721.38	4054006.50	62.34	62.34
DISCCART	732721.38	4054031.50	62.31	62.31
DISCCART	732721.38	4054056.50	62.24	62.24
DISCCART	732721.38	4054081.50	62.24	62.24
DISCCART	732721.38	4055231.50	61.54	61.54
DISCCART	732721.38	4055256.50	61.58	61.58
DISCCART	732721.38	4055281.50	61.59	61.59
DISCCART	732721.38	4055306.50	61.58	61.58
DISCCART	732721.38	4055331.50	61.58	61.58
DISCCART	732746.38	4052331.50	66.44	66.44
DISCCART	732746.38	4052356.50	66.35	66.35
DISCCART	732746.38	4052381.50	66.26	66.26
DISCCART	732746.38	4052406.50	66.15	66.15
DISCCART	732746.38	4052431.50	66.08	66.08
DISCCART	732746.38	4052456.50	66.01	66.01
DISCCART	732746.38	4052481.50	65.92	65.92
DISCCART	732746.38	4052506.50	65.84	65.84
DISCCART	732746.38	4052531.50	65.74	65.74
DISCCART	732746.38	4052556.50	65.66	65.66
DISCCART	732746.38	4052581.50	65.58	65.58
DISCCART	732746.38	4052606.50	65.50	65.50
DISCCART	732746.38	4052631.50	65.43	65.43
DISCCART	732746.38	4052656.50	65.34	65.34
DISCCART	732746.38	4052681.50	65.24	65.24
DISCCART	732746.38	4052706.50	65.15	65.15
DISCCART	732746.38	4052731.50	65.07	65.07
DISCCART	732746.38	4052756.50	65.04	65.04
DISCCART	732746.38	4052781.50	64.94	64.94
DISCCART	732746.38	4052806.50	64.84	64.84
DISCCART	732746.38	4052831.50	64.77	64.77
DISCCART	732746.38	4052856.50	64.65	64.65
DISCCART	732746.38	4052881.50	64.59	64.59
DISCCART	732746.38	4052906.50	64.54	64.54
DISCCART	732746.38	4052931.50	64.44	64.44
DISCCART	732746.38	4052956.50	64.35	64.35
DISCCART	732746.38	4052981.50	64.27	64.27
DISCCART	732746.38	4053006.50	64.20	64.20
DISCCART	732746.38	4053031.50	64.13	64.13
DISCCART	732746.38	4053056.50	64.04	64.04
DISCCART	732746.38	4053081.50	63.94	63.94
DISCCART	732746.38	4053106.50	63.86	63.86
DISCCART	732746.38	4053131.50	63.83	63.83
DISCCART	732746.38	4053156.50	63.74	63.74
DISCCART	732746.38	4053181.50	63.65	63.65
DISCCART	732746.38	4053206.50	63.60	63.60
DISCCART	732746.38	4053231.50	63.52	63.52
DISCCART	732746.38	4054006.50	62.32	62.32
DISCCART	732746.38	4054031.50	62.25	62.25
DISCCART	732746.38	4054056.50	62.24	62.24
DISCCART	732746.38	4054081.50	62.24	62.24
DISCCART	732746.38	4055231.50	61.54	61.54
DISCCART	732746.38	4055256.50	61.54	61.54
DISCCART	732746.38	4055281.50	61.54	61.54
DISCCART	732746.38	4055306.50	61.54	61.54
DISCCART	732746.38	4055331.50	61.54	61.54
DISCCART	732771.38	4052331.50	66.40	66.40
DISCCART	732771.38	4052356.50	66.31	66.31

DISCCART	732771.38	4052381.50	66.20	66.20
DISCCART	732771.38	4052406.50	66.13	66.13
DISCCART	732771.38	4052431.50	66.04	66.04
DISCCART	732771.38	4052456.50	65.94	65.94
DISCCART	732771.38	4052481.50	65.86	65.86
DISCCART	732771.38	4052506.50	65.78	65.78
DISCCART	732771.38	4052531.50	65.70	65.70
DISCCART	732771.38	4052556.50	65.61	65.61
DISCCART	732771.38	4052581.50	65.53	65.53
DISCCART	732771.38	4052606.50	65.44	65.44
DISCCART	732771.38	4052631.50	65.35	65.35
DISCCART	732771.38	4052656.50	65.27	65.27
DISCCART	732771.38	4052681.50	65.20	65.20
DISCCART	732771.38	4052706.50	65.12	65.12
DISCCART	732771.38	4052731.50	65.04	65.04
DISCCART	732771.38	4052756.50	64.94	64.94
DISCCART	732771.38	4052781.50	64.87	64.87
DISCCART	732771.38	4052806.50	64.82	64.82
DISCCART	732771.38	4052831.50	64.70	64.70
DISCCART	732771.38	4052856.50	64.63	64.63
DISCCART	732771.38	4052881.50	64.54	64.54
DISCCART	732771.38	4052906.50	64.45	64.45
DISCCART	732771.38	4052931.50	64.36	64.36
DISCCART	732771.38	4052956.50	64.31	64.31
DISCCART	732771.38	4052981.50	64.24	64.24
DISCCART	732771.38	4053006.50	64.14	64.14
DISCCART	732771.38	4053031.50	64.05	64.05
DISCCART	732771.38	4053056.50	63.98	63.98
DISCCART	732771.38	4053081.50	63.90	63.90
DISCCART	732771.38	4053106.50	63.84	63.84
DISCCART	732771.38	4053131.50	63.74	63.74
DISCCART	732771.38	4053156.50	63.68	63.68
DISCCART	732771.38	4053181.50	63.60	63.60
DISCCART	732771.38	4053206.50	63.54	63.54
DISCCART	732771.38	4053231.50	63.46	63.46
DISCCART	732771.38	4054006.50	62.24	62.24
DISCCART	732771.38	4054031.50	62.24	62.24
DISCCART	732771.38	4054056.50	62.22	62.22
DISCCART	732771.38	4054081.50	62.14	62.14
DISCCART	732771.38	4055231.50	61.54	61.54
DISCCART	732771.38	4055256.50	61.54	61.54
DISCCART	732771.38	4055281.50	61.54	61.54
DISCCART	732771.38	4055306.50	61.54	61.54
DISCCART	732771.38	4055331.50	61.54	61.54
DISCCART	732796.38	4052331.50	66.34	66.34
DISCCART	732796.38	4052356.50	66.24	66.24
DISCCART	732796.38	4052381.50	66.15	66.15
DISCCART	732796.38	4052406.50	66.04	66.04
DISCCART	732796.38	4052431.50	65.97	65.97
DISCCART	732796.38	4052456.50	65.85	65.85
DISCCART	732796.38	4052481.50	65.79	65.79
DISCCART	732796.38	4052506.50	65.72	65.72
DISCCART	732796.38	4052531.50	65.62	65.62
DISCCART	732796.38	4052556.50	65.54	65.54
DISCCART	732796.38	4052581.50	65.44	65.44
DISCCART	732796.38	4052606.50	65.36	65.36
DISCCART	732796.38	4052631.50	65.27	65.27
DISCCART	732796.38	4052656.50	65.24	65.24
DISCCART	732796.38	4052681.50	65.14	65.14
DISCCART	732796.38	4052706.50	65.05	65.05
DISCCART	732796.38	4052731.50	64.97	64.97
DISCCART	732796.38	4052756.50	64.93	64.93
DISCCART	732796.38	4052781.50	64.84	64.84
DISCCART	732796.38	4052806.50	64.74	64.74
DISCCART	732796.38	4052831.50	64.64	64.64
DISCCART	732796.38	4052856.50	64.55	64.55
DISCCART	732796.38	4052881.50	64.48	64.48
DISCCART	732796.38	4052906.50	64.40	64.40
DISCCART	732796.38	4052931.50	64.32	64.32
DISCCART	732796.38	4052956.50	64.24	64.24
DISCCART	732796.38	4052981.50	64.14	64.14
DISCCART	732796.38	4053006.50	64.06	64.06
DISCCART	732796.38	4053031.50	63.97	63.97
DISCCART	732796.38	4053056.50	63.94	63.94
DISCCART	732796.38	4053081.50	63.84	63.84
DISCCART	732796.38	4053106.50	63.75	63.75
DISCCART	732796.38	4053131.50	63.68	63.68
DISCCART	732796.38	4053156.50	63.64	63.64
DISCCART	732796.38	4053181.50	63.55	63.55
DISCCART	732796.38	4053206.50	63.45	63.45
DISCCART	732796.38	4053231.50	63.42	63.42
DISCCART	732796.38	4054006.50	62.24	62.24
DISCCART	732796.38	4054031.50	62.22	62.22
DISCCART	732796.38	4054056.50	62.14	62.14
DISCCART	732796.38	4054081.50	62.14	62.14
DISCCART	732796.38	4055231.50	61.46	61.46
DISCCART	732796.38	4055256.50	61.46	61.46
DISCCART	732796.38	4055281.50	61.46	61.46
DISCCART	732796.38	4055306.50	61.46	61.46
DISCCART	732796.38	4055331.50	61.46	61.46
DISCCART	732821.38	4052331.50	66.25	66.25
DISCCART	732821.38	4052356.50	66.17	66.17
DISCCART	732821.38	4052381.50	66.08	66.08
DISCCART	732821.38	4052406.50	65.97	65.97
DISCCART	732821.38	4052431.50	65.90	65.90
DISCCART	732821.38	4052456.50	65.83	65.83
DISCCART	732821.38	4052481.50	65.73	65.73
DISCCART	732821.38	4052506.50	65.65	65.65
DISCCART	732821.38	4052531.50	65.56	65.56
DISCCART	732821.38	4052556.50	65.48	65.48
DISCCART	732821.38	4052581.50	65.40	65.40
DISCCART	732821.38	4052606.50	65.32	65.32
DISCCART	732821.38	4052631.50	65.25	65.25
DISCCART	732821.38	4052656.50	65.14	65.14
DISCCART	732821.38	4052681.50	65.05	65.05
DISCCART	732821.38	4052706.50	65.03	65.03
DISCCART	732821.38	4052731.50	64.94	64.94
DISCCART	732821.38	4052756.50	64.84	64.84
DISCCART	732821.38	4052781.50	64.76	64.76
DISCCART	732821.38	4052806.50	64.68	64.68
DISCCART	732821.38	4052831.50	64.60	64.60
DISCCART	732821.38	4052856.50	64.52	64.52
DISCCART	732821.38	4052881.50	64.44	64.44
DISCCART	732821.38	4052906.50	64.35	64.35
DISCCART	732821.38	4052931.50	64.25	64.25
DISCCART	732821.38	4052956.50	64.17	64.17
DISCCART	732821.38	4052981.50	64.10	64.10

DISCCART	732821.38	4053006.50	64.02	64.02
DISCCART	732821.38	4053031.50	63.94	63.94
DISCCART	732821.38	4053056.50	63.84	63.84
DISCCART	732821.38	4053081.50	63.77	63.77
DISCCART	732821.38	4054006.50	62.22	62.22
DISCCART	732821.38	4054031.50	62.14	62.14
DISCCART	732821.38	4054056.50	62.14	62.14
DISCCART	732821.38	4054081.50	62.14	62.14
DISCCART	732821.38	4055256.50	61.44	61.44
DISCCART	732821.38	4055281.50	61.44	61.44
DISCCART	732821.38	4055306.50	61.44	61.44
DISCCART	732821.38	4055331.50	61.44	61.44
DISCCART	732846.38	4052331.50	66.23	66.23
DISCCART	732846.38	4052356.50	66.13	66.13
DISCCART	732846.38	4052381.50	66.03	66.03
DISCCART	732846.38	4052406.50	65.94	65.94
DISCCART	732846.38	4052431.50	65.84	65.84
DISCCART	732846.38	4052456.50	65.75	65.75
DISCCART	732846.38	4052481.50	65.67	65.67
DISCCART	732846.38	4052506.50	65.56	65.56
DISCCART	732846.38	4052531.50	65.48	65.48
DISCCART	732846.38	4052556.50	65.41	65.41
DISCCART	732846.38	4052581.50	65.34	65.34
DISCCART	732846.38	4052606.50	65.24	65.24
DISCCART	732846.38	4052631.50	65.16	65.16
DISCCART	732846.38	4052656.50	65.10	65.10
DISCCART	732846.38	4052681.50	65.03	65.03
DISCCART	732846.38	4052706.50	64.94	64.94
DISCCART	732846.38	4052731.50	64.84	64.84
DISCCART	732846.38	4052756.50	64.75	64.75
DISCCART	732846.38	4052781.50	64.72	64.72
DISCCART	732846.38	4052806.50	64.62	64.62
DISCCART	732846.38	4052831.50	64.53	64.53
DISCCART	732846.38	4052856.50	64.44	64.44
DISCCART	732846.38	4052881.50	64.35	64.35
DISCCART	732846.38	4054006.50	62.14	62.14
DISCCART	732846.38	4054031.50	62.14	62.14
DISCCART	732846.38	4054056.50	62.12	62.12
DISCCART	732846.38	4054081.50	62.04	62.04
DISCCART	732846.38	4055256.50	61.44	61.44
DISCCART	732846.38	4055281.50	61.44	61.44
DISCCART	732846.38	4055306.50	61.44	61.44
DISCCART	732846.38	4055331.50	61.44	61.44
DISCCART	732871.38	4052331.50	66.14	66.14
DISCCART	732871.38	4052356.50	66.04	66.04
DISCCART	732871.38	4052381.50	65.96	65.96
DISCCART	732871.38	4052406.50	65.84	65.84
DISCCART	732871.38	4052431.50	65.76	65.76
DISCCART	732871.38	4052456.50	65.68	65.68
DISCCART	732871.38	4052481.50	65.60	65.60
DISCCART	732871.38	4052506.50	65.52	65.52
DISCCART	732871.38	4052531.50	65.44	65.44
DISCCART	732871.38	4052556.50	65.35	65.35
DISCCART	732871.38	4052581.50	65.25	65.25
DISCCART	732871.38	4052606.50	65.17	65.17
DISCCART	732871.38	4052631.50	65.10	65.10
DISCCART	732871.38	4052656.50	65.04	65.04
DISCCART	732871.38	4052681.50	64.94	64.94
DISCCART	732871.38	4052706.50	64.88	64.88
DISCCART	732871.38	4052731.50	64.80	64.80
DISCCART	732871.38	4052756.50	64.73	64.73
DISCCART	732871.38	4052781.50	64.64	64.64
DISCCART	732871.38	4052806.50	64.55	64.55
DISCCART	732871.38	4052831.50	64.46	64.46
DISCCART	732871.38	4052856.50	64.38	64.38
DISCCART	732871.38	4052881.50	64.30	64.30
DISCCART	732871.38	4054006.50	62.14	62.14
DISCCART	732871.38	4054031.50	62.10	62.10
DISCCART	732871.38	4054056.50	62.04	62.04
DISCCART	732871.38	4054081.50	62.04	62.04
DISCCART	732871.38	4055256.50	61.34	61.34
DISCCART	732871.38	4055281.50	61.34	61.34
DISCCART	732871.38	4055306.50	61.34	61.34
DISCCART	732871.38	4055331.50	61.34	61.34
DISCCART	732896.38	4052331.50	66.08	66.08
DISCCART	732896.38	4052356.50	66.01	66.01
DISCCART	732896.38	4052381.50	65.89	65.89
DISCCART	732896.38	4052406.50	65.81	65.81
DISCCART	732896.38	4052431.50	65.72	65.72
DISCCART	732896.38	4052456.50	65.61	65.61
DISCCART	732896.38	4052481.50	65.52	65.52
DISCCART	732896.38	4052506.50	65.44	65.44
DISCCART	732896.38	4052531.50	65.34	65.34
DISCCART	732896.38	4052556.50	65.26	65.26
DISCCART	732896.38	4052581.50	65.17	65.17
DISCCART	732896.38	4052606.50	65.14	65.14
DISCCART	732896.38	4052631.50	65.04	65.04
DISCCART	732896.38	4052656.50	64.95	64.95
DISCCART	732896.38	4052681.50	64.87	64.87
DISCCART	732896.38	4052706.50	64.81	64.81
DISCCART	732896.38	4052731.50	64.73	64.73
DISCCART	732896.38	4052756.50	64.64	64.64
DISCCART	732896.38	4052781.50	64.55	64.55
DISCCART	732896.38	4052806.50	64.46	64.46
DISCCART	732896.38	4052831.50	64.39	64.39
DISCCART	732896.38	4052856.50	64.34	64.34
DISCCART	732896.38	4052881.50	64.24	64.24
DISCCART	732896.38	4054006.50	62.10	62.10
DISCCART	732896.38	4054031.50	62.04	62.04
DISCCART	732896.38	4054056.50	62.04	62.04
DISCCART	732896.38	4054081.50	62.02	62.02
DISCCART	732896.38	4055256.50	61.34	61.34
DISCCART	732896.38	4055281.50	61.34	61.34
DISCCART	732896.38	4055306.50	61.34	61.34
DISCCART	732896.38	4055331.50	61.34	61.34
DISCCART	732921.38	4052331.50	66.04	66.04
DISCCART	732921.38	4052356.50	65.94	65.94
DISCCART	732921.38	4052381.50	65.83	65.83
DISCCART	732921.38	4052406.50	65.73	65.73
DISCCART	732921.38	4052431.50	65.63	65.63
DISCCART	732921.38	4052456.50	65.55	65.55
DISCCART	732921.38	4052481.50	65.46	65.46
DISCCART	732921.38	4052506.50	65.38	65.38
DISCCART	732921.38	4052531.50	65.30	65.30
DISCCART	732921.38	4052556.50	65.22	65.22
DISCCART	732921.38	4052581.50	65.14	65.14
DISCCART	732921.38	4052606.50	65.04	65.04

DISCCART	732921.38	4052631.50	64.95	64.95
DISCCART	732921.38	4052656.50	64.87	64.87
DISCCART	732921.38	4052681.50	64.84	64.84
DISCCART	732921.38	4052706.50	64.74	64.74
DISCCART	732921.38	4052731.50	64.66	64.66
DISCCART	732921.38	4052756.50	64.58	64.58
DISCCART	732921.38	4052781.50	64.50	64.50
DISCCART	732921.38	4052806.50	64.42	64.42
DISCCART	732921.38	4052831.50	64.34	64.34
DISCCART	732921.38	4052856.50	64.25	64.25
DISCCART	732921.38	4052881.50	64.15	64.15
DISCCART	732921.38	4054006.50	62.04	62.04
DISCCART	732921.38	4054031.50	62.04	62.04
DISCCART	732921.38	4054056.50	62.03	62.03
DISCCART	732921.38	4054081.50	61.94	61.94
DISCCART	732921.38	4055256.50	61.34	61.34
DISCCART	732921.38	4055281.50	61.34	61.34
DISCCART	732921.38	4055306.50	61.34	61.34
DISCCART	732921.38	4055331.50	61.34	61.34
DISCCART	732946.38	4052331.50	65.94	65.94
DISCCART	732946.38	4052356.50	65.85	65.85
DISCCART	732946.38	4052381.50	65.74	65.74
DISCCART	732946.38	4052406.50	65.66	65.66
DISCCART	732946.38	4052431.50	65.57	65.57
DISCCART	732946.38	4052456.50	65.46	65.46
DISCCART	732946.38	4052481.50	65.37	65.37
DISCCART	732946.38	4052506.50	65.30	65.30
DISCCART	732946.38	4052531.50	65.23	65.23
DISCCART	732946.38	4052556.50	65.14	65.14
DISCCART	732946.38	4052581.50	65.05	65.05
DISCCART	732946.38	4052606.50	64.95	64.95
DISCCART	732946.38	4052631.50	64.88	64.88
DISCCART	732946.38	4052656.50	64.84	64.84
DISCCART	732946.38	4052681.50	64.74	64.74
DISCCART	732946.38	4052706.50	64.65	64.65
DISCCART	732946.38	4052731.50	64.58	64.58
DISCCART	732946.38	4052756.50	64.50	64.50
DISCCART	732946.38	4052781.50	64.42	64.42
DISCCART	732946.38	4052806.50	64.34	64.34
DISCCART	732946.38	4052831.50	64.25	64.25
DISCCART	732946.38	4052856.50	64.16	64.16
DISCCART	732946.38	4052881.50	64.07	64.07
DISCCART	732946.38	4054006.50	62.04	62.04
DISCCART	732946.38	4054031.50	62.02	62.02
DISCCART	732946.38	4054056.50	61.94	61.94
DISCCART	732946.38	4054081.50	61.94	61.94
DISCCART	732946.38	4055256.50	61.24	61.24
DISCCART	732946.38	4055281.50	61.24	61.24
DISCCART	732946.38	4055306.50	61.24	61.24
DISCCART	732946.38	4055331.50	61.24	61.24
DISCCART	732971.38	4052331.50	65.89	65.89
DISCCART	732971.38	4052356.50	65.77	65.77
DISCCART	732971.38	4052381.50	65.68	65.68
DISCCART	732971.38	4052406.50	65.57	65.57
DISCCART	732971.38	4052431.50	65.50	65.50
DISCCART	732971.38	4052456.50	65.40	65.40
DISCCART	732971.38	4052481.50	65.30	65.30
DISCCART	732971.38	4052506.50	65.22	65.22
DISCCART	732971.38	4052531.50	65.14	65.14
DISCCART	732971.38	4052556.50	65.04	65.04
DISCCART	732971.38	4052581.50	64.95	64.95
DISCCART	732971.38	4052606.50	64.93	64.93
DISCCART	732971.38	4052631.50	64.84	64.84
DISCCART	732971.38	4052656.50	64.74	64.74
DISCCART	732971.38	4052681.50	64.66	64.66
DISCCART	732971.38	4052706.50	64.57	64.57
DISCCART	732971.38	4052731.50	64.50	64.50
DISCCART	732971.38	4052756.50	64.44	64.44
DISCCART	732971.38	4052781.50	64.34	64.34
DISCCART	732971.38	4052806.50	64.28	64.28
DISCCART	732971.38	4052831.50	64.20	64.20
DISCCART	732971.38	4052856.50	64.12	64.12
DISCCART	732971.38	4052881.50	64.04	64.04
DISCCART	732971.38	4054006.50	61.99	61.99
DISCCART	732971.38	4054031.50	61.94	61.94
DISCCART	732971.38	4054056.50	61.94	61.94
DISCCART	732971.38	4054081.50	61.94	61.94
DISCCART	732971.38	4055256.50	61.24	61.24
DISCCART	732971.38	4055281.50	61.24	61.24
DISCCART	732971.38	4055306.50	61.24	61.24
DISCCART	732971.38	4055331.50	61.24	61.24
DISCCART	732996.38	4052331.50	65.83	65.83
DISCCART	732996.38	4052356.50	65.70	65.70
DISCCART	732996.38	4052381.50	65.63	65.63
DISCCART	732996.38	4052406.50	65.50	65.50
DISCCART	732996.38	4052431.50	65.43	65.43
DISCCART	732996.38	4052456.50	65.34	65.34
DISCCART	732996.38	4052481.50	65.25	65.25
DISCCART	732996.38	4052506.50	65.13	65.13
DISCCART	732996.38	4052531.50	65.05	65.05
DISCCART	732996.38	4052556.50	64.95	64.95
DISCCART	732996.38	4052581.50	64.87	64.87
DISCCART	732996.38	4052606.50	64.84	64.84
DISCCART	732996.38	4052631.50	64.74	64.74
DISCCART	732996.38	4052656.50	64.65	64.65
DISCCART	732996.38	4052681.50	64.58	64.58
DISCCART	732996.38	4052706.50	64.54	64.54
DISCCART	732996.38	4052731.50	64.44	64.44
DISCCART	732996.38	4052756.50	64.36	64.36
DISCCART	732996.38	4052781.50	64.27	64.27
DISCCART	732996.38	4052806.50	64.20	64.20
DISCCART	732996.38	4052831.50	64.13	64.13
DISCCART	732996.38	4052856.50	64.04	64.04
DISCCART	732996.38	4052881.50	63.94	63.94
DISCCART	732996.38	4054006.50	61.94	61.94
DISCCART	732996.38	4054031.50	61.94	61.94
DISCCART	732996.38	4054056.50	61.91	61.91
DISCCART	732996.38	4054081.50	61.84	61.84
DISCCART	732996.38	4055256.50	61.22	61.22
DISCCART	732996.38	4055281.50	61.22	61.22
DISCCART	732996.38	4055306.50	61.22	61.22
DISCCART	732996.38	4055331.50	61.22	61.22
DISCCART	733021.38	4052331.50	65.74	65.74
DISCCART	733021.38	4052356.50	65.63	65.63
DISCCART	733021.38	4052381.50	65.54	65.54
DISCCART	733021.38	4052406.50	65.45	65.45
DISCCART	733021.38	4052431.50	65.34	65.34

DISCCART	733021.38	4052456.50	65.24	65.24
DISCCART	733021.38	4052481.50	65.15	65.15
DISCCART	733021.38	4052506.50	65.07	65.07
DISCCART	733021.38	4052531.50	64.97	64.97
DISCCART	733021.38	4052556.50	64.92	64.92
DISCCART	733021.38	4052581.50	64.84	64.84
DISCCART	733021.38	4052606.50	64.74	64.74
DISCCART	733021.38	4052631.50	64.65	64.65
DISCCART	733021.38	4052656.50	64.63	64.63
DISCCART	733021.38	4052681.50	64.54	64.54
DISCCART	733021.38	4052706.50	64.45	64.45
DISCCART	733021.38	4052731.50	64.35	64.35
DISCCART	733021.38	4052756.50	64.28	64.28
DISCCART	733021.38	4052781.50	64.20	64.20
DISCCART	733021.38	4052806.50	64.12	64.12
DISCCART	733021.38	4052831.50	64.04	64.04
DISCCART	733021.38	4052856.50	63.94	63.94
DISCCART	733021.38	4052881.50	63.90	63.90
DISCCART	733021.38	4054006.50	61.94	61.94
DISCCART	733021.38	4054031.50	61.90	61.90
DISCCART	733021.38	4054056.50	61.84	61.84
DISCCART	733021.38	4054081.50	61.84	61.84
DISCCART	733021.38	4055256.50	61.14	61.14
DISCCART	733021.38	4055281.50	61.14	61.14
DISCCART	733021.38	4055306.50	61.14	61.14
DISCCART	733021.38	4055331.50	61.14	61.14
DISCCART	733046.38	4052331.50	65.64	65.64
DISCCART	733046.38	4052356.50	65.56	65.56
DISCCART	733046.38	4052381.50	65.44	65.44
DISCCART	733046.38	4052406.50	65.36	65.36
DISCCART	733046.38	4052431.50	65.26	65.26
DISCCART	733046.38	4052456.50	65.16	65.16
DISCCART	733046.38	4052481.50	65.07	65.07
DISCCART	733046.38	4052506.50	65.00	65.00
DISCCART	733046.38	4052531.50	64.93	64.93
DISCCART	733046.38	4052556.50	64.84	64.84
DISCCART	733046.38	4052581.50	64.75	64.75
DISCCART	733046.38	4052606.50	64.65	64.65
DISCCART	733046.38	4052631.50	64.63	64.63
DISCCART	733046.38	4052656.50	64.54	64.54
DISCCART	733046.38	4052681.50	64.44	64.44
DISCCART	733046.38	4052706.50	64.36	64.36
DISCCART	733046.38	4052731.50	64.27	64.27
DISCCART	733046.38	4052756.50	64.20	64.20
DISCCART	733046.38	4052781.50	64.13	64.13
DISCCART	733046.38	4052806.50	64.04	64.04
DISCCART	733046.38	4052831.50	63.96	63.96
DISCCART	733046.38	4052856.50	63.90	63.90
DISCCART	733046.38	4052881.50	63.83	63.83
DISCCART	733046.38	4054006.50	61.85	61.85
DISCCART	733046.38	4054031.50	61.84	61.84
DISCCART	733046.38	4054056.50	61.84	61.84
DISCCART	733046.38	4054081.50	61.81	61.81
DISCCART	733046.38	4055256.50	61.14	61.14
DISCCART	733046.38	4055281.50	61.14	61.14
DISCCART	733046.38	4055306.50	61.14	61.14
DISCCART	733046.38	4055331.50	61.14	61.14
DISCCART	733071.38	4052331.50	65.55	65.55
DISCCART	733071.38	4052356.50	65.47	65.47
DISCCART	733071.38	4052381.50	65.36	65.36
DISCCART	733071.38	4052406.50	65.28	65.28
DISCCART	733071.38	4052431.50	65.20	65.20
DISCCART	733071.38	4052456.50	65.11	65.11
DISCCART	733071.38	4052481.50	65.00	65.00
DISCCART	733071.38	4052506.50	64.93	64.93
DISCCART	733071.38	4052531.50	64.84	64.84
DISCCART	733071.38	4052556.50	64.74	64.74
DISCCART	733071.38	4052581.50	64.69	64.69
DISCCART	733071.38	4052606.50	64.63	64.63
DISCCART	733071.38	4052631.50	64.54	64.54
DISCCART	733071.38	4052656.50	64.45	64.45
DISCCART	733071.38	4052681.50	64.35	64.35
DISCCART	733071.38	4052706.50	64.28	64.28
DISCCART	733071.38	4052731.50	64.20	64.20
DISCCART	733071.38	4052756.50	64.14	64.14
DISCCART	733071.38	4052781.50	64.05	64.05
DISCCART	733071.38	4052806.50	63.97	63.97
DISCCART	733071.38	4052831.50	63.90	63.90
DISCCART	733071.38	4052856.50	63.83	63.83
DISCCART	733071.38	4052881.50	63.74	63.74
DISCCART	733071.38	4054006.50	61.84	61.84
DISCCART	733071.38	4054031.50	61.84	61.84
DISCCART	733071.38	4054056.50	61.77	61.77
DISCCART	733071.38	4054081.50	61.74	61.74
DISCCART	733071.38	4055256.50	61.04	61.04
DISCCART	733071.38	4055281.50	61.04	61.04
DISCCART	733071.38	4055306.50	61.06	61.06
DISCCART	733071.38	4055331.50	61.08	61.08
DISCCART	733096.38	4052331.50	65.47	65.47
DISCCART	733096.38	4052356.50	65.40	65.40
DISCCART	733096.38	4052381.50	65.33	65.33
DISCCART	733096.38	4052406.50	65.20	65.20
DISCCART	733096.38	4052431.50	65.13	65.13
DISCCART	733096.38	4052456.50	65.04	65.04
DISCCART	733096.38	4052481.50	64.94	64.94
DISCCART	733096.38	4052506.50	64.84	64.84
DISCCART	733096.38	4052531.50	64.77	64.77
DISCCART	733096.38	4052556.50	64.70	64.70
DISCCART	733096.38	4052581.50	64.62	64.62
DISCCART	733096.38	4052606.50	64.54	64.54
DISCCART	733096.38	4052631.50	64.44	64.44
DISCCART	733096.38	4052656.50	64.36	64.36
DISCCART	733096.38	4052681.50	64.33	64.33
DISCCART	733096.38	4052706.50	64.24	64.24
DISCCART	733096.38	4052731.50	64.15	64.15
DISCCART	733096.38	4052756.50	64.06	64.06
DISCCART	733096.38	4052781.50	63.97	63.97
DISCCART	733096.38	4052806.50	63.90	63.90
DISCCART	733096.38	4052831.50	63.83	63.83
DISCCART	733096.38	4052856.50	63.74	63.74
DISCCART	733096.38	4052881.50	63.65	63.65
DISCCART	733096.38	4054006.50	61.84	61.84
DISCCART	733096.38	4054031.50	61.75	61.75
DISCCART	733096.38	4054056.50	61.74	61.74
DISCCART	733096.38	4054081.50	61.74	61.74
DISCCART	733096.38	4054106.50	61.74	61.74
DISCCART	733096.38	4055256.50	61.04	61.04

DISCCART	733096.38	4055281.50	61.04	61.04
DISCCART	733096.38	4055306.50	61.04	61.04
DISCCART	733096.38	4055331.50	61.04	61.04
DISCCART	733121.38	4052331.50	65.44	65.44
DISCCART	733121.38	4052356.50	65.32	65.32
DISCCART	733121.38	4052381.50	65.24	65.24
DISCCART	733121.38	4052406.50	65.13	65.13
DISCCART	733121.38	4052431.50	65.04	65.04
DISCCART	733121.38	4052456.50	64.94	64.94
DISCCART	733121.38	4052481.50	64.86	64.86
DISCCART	733121.38	4052506.50	64.77	64.77
DISCCART	733121.38	4052531.50	64.70	64.70
DISCCART	733121.38	4052556.50	64.63	64.63
DISCCART	733121.38	4052581.50	64.54	64.54
DISCCART	733121.38	4052606.50	64.47	64.47
DISCCART	733121.38	4052631.50	64.40	64.40
DISCCART	733121.38	4052656.50	64.32	64.32
DISCCART	733121.38	4052681.50	64.24	64.24
DISCCART	733121.38	4052706.50	64.14	64.14
DISCCART	733121.38	4052731.50	64.05	64.05
DISCCART	733121.38	4052756.50	63.97	63.97
DISCCART	733121.38	4052781.50	63.90	63.90
DISCCART	733121.38	4052806.50	63.83	63.83
DISCCART	733121.38	4052831.50	63.74	63.74
DISCCART	733121.38	4052856.50	63.64	63.64
DISCCART	733121.38	4052881.50	63.60	63.60
DISCCART	733121.38	4054006.50	61.75	61.75
DISCCART	733121.38	4054031.50	61.74	61.74
DISCCART	733121.38	4054056.50	61.74	61.74
DISCCART	733121.38	4054081.50	61.70	61.70
DISCCART	733121.38	4054106.50	61.64	61.64
DISCCART	733121.38	4055256.50	60.95	60.95
DISCCART	733121.38	4055281.50	60.95	60.95
DISCCART	733121.38	4055306.50	60.95	60.95
DISCCART	733121.38	4055331.50	60.98	60.98
DISCCART	733146.38	4052331.50	65.34	65.34
DISCCART	733146.38	4052356.50	65.25	65.25
DISCCART	733146.38	4052381.50	65.14	65.14
DISCCART	733146.38	4052406.50	65.05	65.05
DISCCART	733146.38	4052431.50	64.97	64.97
DISCCART	733146.38	4052456.50	64.85	64.85
DISCCART	733146.38	4052481.50	64.78	64.78
DISCCART	733146.38	4052506.50	64.74	64.74
DISCCART	733146.38	4052531.50	64.64	64.64
DISCCART	733146.38	4052556.50	64.56	64.56
DISCCART	733146.38	4052581.50	64.48	64.48
DISCCART	733146.38	4052606.50	64.40	64.40
DISCCART	733146.38	4052631.50	64.33	64.33
DISCCART	733146.38	4052656.50	64.24	64.24
DISCCART	733146.38	4052681.50	64.14	64.14
DISCCART	733146.38	4052706.50	64.05	64.05
DISCCART	733146.38	4052731.50	63.97	63.97
DISCCART	733146.38	4052756.50	63.90	63.90
DISCCART	733146.38	4052781.50	63.83	63.83
DISCCART	733146.38	4052806.50	63.74	63.74
DISCCART	733146.38	4052831.50	63.65	63.65
DISCCART	733146.38	4052856.50	63.55	63.55
DISCCART	733146.38	4052881.50	63.52	63.52
DISCCART	733146.38	4054006.50	61.74	61.74
DISCCART	733146.38	4054031.50	61.74	61.74
DISCCART	733146.38	4054056.50	61.66	61.66
DISCCART	733146.38	4054081.50	61.64	61.64
DISCCART	733146.38	4054106.50	61.64	61.64
DISCCART	733146.38	4055256.50	60.94	60.94
DISCCART	733146.38	4055281.50	60.94	60.94
DISCCART	733146.38	4055306.50	60.94	60.94
DISCCART	733146.38	4055331.50	60.94	60.94
DISCCART	733171.38	4052331.50	65.25	65.25
DISCCART	733171.38	4052356.50	65.17	65.17
DISCCART	733171.38	4052381.50	65.07	65.07
DISCCART	733171.38	4052406.50	64.98	64.98
DISCCART	733171.38	4052431.50	64.90	64.90
DISCCART	733171.38	4052456.50	64.83	64.83
DISCCART	733171.38	4052481.50	64.74	64.74
DISCCART	733171.38	4052506.50	64.65	64.65
DISCCART	733171.38	4052531.50	64.56	64.56
DISCCART	733171.38	4052556.50	64.51	64.51
DISCCART	733171.38	4052581.50	64.44	64.44
DISCCART	733171.38	4052606.50	64.35	64.35
DISCCART	733171.38	4052631.50	64.25	64.25
DISCCART	733171.38	4052656.50	64.17	64.17
DISCCART	733171.38	4052681.50	64.10	64.10
DISCCART	733171.38	4052706.50	64.01	64.01
DISCCART	733171.38	4052731.50	63.90	63.90
DISCCART	733171.38	4052756.50	63.83	63.83
DISCCART	733171.38	4052781.50	63.74	63.74
DISCCART	733171.38	4052806.50	63.64	63.64
DISCCART	733171.38	4052831.50	63.56	63.56
DISCCART	733171.38	4052856.50	63.53	63.53
DISCCART	733171.38	4052881.50	63.44	63.44
DISCCART	733171.38	4054031.50	61.66	61.66
DISCCART	733171.38	4054056.50	61.64	61.64
DISCCART	733171.38	4054081.50	61.64	61.64
DISCCART	733171.38	4054106.50	61.62	61.62
DISCCART	733171.38	4055256.50	60.88	60.88
DISCCART	733171.38	4055281.50	60.88	60.88
DISCCART	733171.38	4055306.50	60.88	60.88
DISCCART	733171.38	4055331.50	60.88	60.88
DISCCART	733196.38	4052331.50	65.17	65.17
DISCCART	733196.38	4052356.50	65.11	65.11
DISCCART	733196.38	4052381.50	65.03	65.03
DISCCART	733196.38	4052406.50	64.91	64.91
DISCCART	733196.38	4052431.50	64.84	64.84
DISCCART	733196.38	4052456.50	64.74	64.74
DISCCART	733196.38	4052481.50	64.67	64.67
DISCCART	733196.38	4052506.50	64.60	64.60
DISCCART	733196.38	4052531.50	64.52	64.52
DISCCART	733196.38	4052556.50	64.44	64.44
DISCCART	733196.38	4052581.50	64.34	64.34
DISCCART	733196.38	4052606.50	64.26	64.26
DISCCART	733196.38	4052631.50	64.17	64.17
DISCCART	733196.38	4052656.50	64.11	64.11
DISCCART	733196.38	4052681.50	64.03	64.03
DISCCART	733196.38	4052706.50	63.94	63.94
DISCCART	733196.38	4052731.50	63.85	63.85
DISCCART	733196.38	4052756.50	63.74	63.74
DISCCART	733196.38	4052781.50	63.65	63.65

DISCCART	733196.38	4052806.50	63.55	63.55
DISCCART	733196.38	4052831.50	63.48	63.48
DISCCART	733196.38	4052856.50	63.44	63.44
DISCCART	733196.38	4052881.50	63.34	63.34
DISCCART	733196.38	4052906.50	63.30	63.30
DISCCART	733196.38	4054031.50	61.64	61.64
DISCCART	733196.38	4054056.50	61.63	61.63
DISCCART	733196.38	4054081.50	61.57	61.57
DISCCART	733196.38	4054106.50	61.54	61.54
DISCCART	733196.38	4055256.50	60.84	60.84
DISCCART	733196.38	4055281.50	60.84	60.84
DISCCART	733196.38	4055306.50	60.84	60.84
DISCCART	733196.38	4055331.50	60.84	60.84
DISCCART	733221.38	4052331.50	65.14	65.14
DISCCART	733221.38	4052356.50	65.03	65.03
DISCCART	733221.38	4052381.50	64.94	64.94
DISCCART	733221.38	4052406.50	64.84	64.84
DISCCART	733221.38	4052431.50	64.76	64.76
DISCCART	733221.38	4052456.50	64.68	64.68
DISCCART	733221.38	4052481.50	64.63	64.63
DISCCART	733221.38	4052506.50	64.54	64.54
DISCCART	733221.38	4052531.50	64.46	64.46
DISCCART	733221.38	4052556.50	64.37	64.37
DISCCART	733221.38	4052581.50	64.30	64.30
DISCCART	733221.38	4052606.50	64.22	64.22
DISCCART	733221.38	4052631.50	64.14	64.14
DISCCART	733221.38	4052656.50	64.04	64.04
DISCCART	733221.38	4052681.50	63.94	63.94
DISCCART	733221.38	4052706.50	63.84	63.84
DISCCART	733221.38	4052731.50	63.76	63.76
DISCCART	733221.38	4052756.50	63.68	63.68
DISCCART	733221.38	4052781.50	63.60	63.60
DISCCART	733221.38	4052806.50	63.53	63.53
DISCCART	733221.38	4052831.50	63.44	63.44
DISCCART	733221.38	4052856.50	63.35	63.35
DISCCART	733221.38	4052881.50	63.30	63.30
DISCCART	733221.38	4052906.50	63.24	63.24
DISCCART	733221.38	4054031.50	61.64	61.64
DISCCART	733221.38	4054056.50	61.55	61.55
DISCCART	733221.38	4054081.50	61.54	61.54
DISCCART	733221.38	4054106.50	61.54	61.54
DISCCART	733221.38	4055256.50	60.84	60.84
DISCCART	733221.38	4055281.50	60.84	60.84
DISCCART	733221.38	4055306.50	60.84	60.84
DISCCART	733221.38	4055331.50	60.84	60.84
DISCCART	733246.38	4052331.50	65.05	65.05
DISCCART	733246.38	4052356.50	64.95	64.95
DISCCART	733246.38	4052381.50	64.85	64.85
DISCCART	733246.38	4052406.50	64.75	64.75
DISCCART	733246.38	4052431.50	64.72	64.72
DISCCART	733246.38	4052456.50	64.64	64.64
DISCCART	733246.38	4052481.50	64.55	64.55
DISCCART	733246.38	4052506.50	64.46	64.46
DISCCART	733246.38	4052531.50	64.43	64.43
DISCCART	733246.38	4052556.50	64.34	64.34
DISCCART	733246.38	4052581.50	64.24	64.24
DISCCART	733246.38	4052606.50	64.15	64.15
DISCCART	733246.38	4052631.50	64.06	64.06
DISCCART	733246.38	4052656.50	63.95	63.95
DISCCART	733246.38	4052681.50	63.87	63.87
DISCCART	733246.38	4052706.50	63.81	63.81
DISCCART	733246.38	4052731.50	63.72	63.72
DISCCART	733246.38	4052756.50	63.63	63.63
DISCCART	733246.38	4052781.50	63.52	63.52
DISCCART	733246.38	4052806.50	63.44	63.44
DISCCART	733246.38	4052831.50	63.35	63.35
DISCCART	733246.38	4052856.50	63.30	63.30
DISCCART	733246.38	4052881.50	63.24	63.24
DISCCART	733246.38	4052906.50	63.24	63.24
DISCCART	733246.38	4054031.50	61.55	61.55
DISCCART	733246.38	4054056.50	61.54	61.54
DISCCART	733246.38	4054081.50	61.54	61.54
DISCCART	733246.38	4054106.50	61.50	61.50
DISCCART	733246.38	4055256.50	60.74	60.74
DISCCART	733246.38	4055281.50	60.74	60.74
DISCCART	733246.38	4055306.50	60.74	60.74
DISCCART	733246.38	4055331.50	60.74	60.74
DISCCART	733271.38	4052331.50	64.96	64.96
DISCCART	733271.38	4052356.50	64.87	64.87
DISCCART	733271.38	4052381.50	64.80	64.80
DISCCART	733271.38	4052406.50	64.74	64.74
DISCCART	733271.38	4052431.50	64.64	64.64
DISCCART	733271.38	4052456.50	64.58	64.58
DISCCART	733271.38	4052481.50	64.50	64.50
DISCCART	733271.38	4052506.50	64.44	64.44
DISCCART	733271.38	4052531.50	64.34	64.34
DISCCART	733271.38	4052556.50	64.25	64.25
DISCCART	733271.38	4052581.50	64.16	64.16
DISCCART	733271.38	4052606.50	64.11	64.11
DISCCART	733271.38	4052631.50	64.00	64.00
DISCCART	733271.38	4052656.50	63.93	63.93
DISCCART	733271.38	4052681.50	63.84	63.84
DISCCART	733271.38	4052706.50	63.74	63.74
DISCCART	733271.38	4052731.50	63.64	63.64
DISCCART	733271.38	4052756.50	63.54	63.54
DISCCART	733271.38	4052781.50	63.46	63.46
DISCCART	733271.38	4052806.50	63.36	63.36
DISCCART	733271.38	4052831.50	63.30	63.30
DISCCART	733271.38	4052856.50	63.24	63.24
DISCCART	733271.38	4052881.50	63.24	63.24
DISCCART	733271.38	4052906.50	63.15	63.15
DISCCART	733271.38	4054031.50	61.54	61.54
DISCCART	733271.38	4054056.50	61.52	61.52
DISCCART	733271.38	4054081.50	61.45	61.45
DISCCART	733271.38	4054106.50	61.44	61.44
DISCCART	733271.38	4055256.50	60.74	60.74
DISCCART	733271.38	4055281.50	60.74	60.74
DISCCART	733271.38	4055306.50	60.74	60.74
DISCCART	733271.38	4055331.50	60.74	60.74
DISCCART	733296.38	4052331.50	64.88	64.88
DISCCART	733296.38	4052356.50	64.84	64.84
DISCCART	733296.38	4052381.50	64.74	64.74
DISCCART	733296.38	4052406.50	64.66	64.66
DISCCART	733296.38	4052431.50	64.59	64.59
DISCCART	733296.38	4052456.50	64.54	64.54
DISCCART	733296.38	4052481.50	64.45	64.45
DISCCART	733296.38	4052506.50	64.36	64.36

DISCCART	733296.38	4052531.50	64.27	64.27
DISCCART	733296.38	4052556.50	64.21	64.21
DISCCART	733296.38	4052581.50	64.14	64.14
DISCCART	733296.38	4052606.50	64.04	64.04
DISCCART	733296.38	4052631.50	63.94	63.94
DISCCART	733296.38	4052656.50	63.85	63.85
DISCCART	733296.38	4052681.50	63.77	63.77
DISCCART	733296.38	4052706.50	63.70	63.70
DISCCART	733296.38	4052731.50	63.59	63.59
DISCCART	733296.38	4052756.50	63.50	63.50
DISCCART	733296.38	4052781.50	63.39	63.39
DISCCART	733296.38	4052806.50	63.34	63.34
DISCCART	733296.38	4052831.50	63.24	63.24
DISCCART	733296.38	4052856.50	63.24	63.24
DISCCART	733296.38	4052881.50	63.14	63.14
DISCCART	733296.38	4052906.50	63.14	63.14
DISCCART	733296.38	4054031.50	61.53	61.53
DISCCART	733296.38	4054056.50	61.44	61.44
DISCCART	733296.38	4054081.50	61.44	61.44
DISCCART	733296.38	4054106.50	61.44	61.44
DISCCART	733296.38	4055256.50	60.66	60.66
DISCCART	733296.38	4055281.50	60.65	60.65
DISCCART	733296.38	4055306.50	60.65	60.65
DISCCART	733296.38	4055331.50	60.64	60.64
DISCCART	733321.38	4052331.50	64.84	64.84
DISCCART	733321.38	4052356.50	64.74	64.74
DISCCART	733321.38	4052381.50	64.70	64.70
DISCCART	733321.38	4052406.50	64.62	64.62
DISCCART	733321.38	4052431.50	64.54	64.54
DISCCART	733321.38	4052456.50	64.46	64.46
DISCCART	733321.38	4052481.50	64.40	64.40
DISCCART	733321.38	4052506.50	64.32	64.32
DISCCART	733321.38	4052531.50	64.24	64.24
DISCCART	733321.38	4052556.50	64.15	64.15
DISCCART	733321.38	4052581.50	64.05	64.05
DISCCART	733321.38	4052606.50	63.97	63.97
DISCCART	733321.38	4052631.50	63.90	63.90
DISCCART	733321.38	4052656.50	63.83	63.83
DISCCART	733321.38	4052681.50	63.73	63.73
DISCCART	733321.38	4052706.50	63.64	63.64
DISCCART	733321.38	4052731.50	63.53	63.53
DISCCART	733321.38	4052756.50	63.45	63.45
DISCCART	733321.38	4052781.50	63.34	63.34
DISCCART	733321.38	4052806.50	63.27	63.27
DISCCART	733321.38	4052831.50	63.24	63.24
DISCCART	733321.38	4052856.50	63.17	63.17
DISCCART	733321.38	4052881.50	63.14	63.14
DISCCART	733321.38	4052906.50	63.12	63.12
DISCCART	733321.38	4054031.50	61.44	61.44
DISCCART	733321.38	4054056.50	61.44	61.44
DISCCART	733321.38	4054081.50	61.44	61.44
DISCCART	733321.38	4054106.50	61.37	61.37
DISCCART	733321.38	4055256.50	60.64	60.64
DISCCART	733321.38	4055281.50	60.64	60.64
DISCCART	733321.38	4055306.50	60.64	60.64
DISCCART	733321.38	4055331.50	60.64	60.64
DISCCART	733346.38	4052331.50	64.78	64.78
DISCCART	733346.38	4052356.50	64.71	64.71
DISCCART	733346.38	4052381.50	64.64	64.64
DISCCART	733346.38	4052406.50	64.56	64.56
DISCCART	733346.38	4052431.50	64.52	64.52
DISCCART	733346.38	4052456.50	64.43	64.43
DISCCART	733346.38	4052481.50	64.34	64.34
DISCCART	733346.38	4052506.50	64.26	64.26
DISCCART	733346.38	4052531.50	64.17	64.17
DISCCART	733346.38	4052556.50	64.12	64.12
DISCCART	733346.38	4052581.50	64.03	64.03
DISCCART	733346.38	4052606.50	63.94	63.94
DISCCART	733346.38	4052631.50	63.84	63.84
DISCCART	733346.38	4052656.50	63.74	63.74
DISCCART	733346.38	4052681.50	63.68	63.68
DISCCART	733346.38	4052706.50	63.60	63.60
DISCCART	733346.38	4052731.50	63.49	63.49
DISCCART	733346.38	4052756.50	63.39	63.39
DISCCART	733346.38	4052781.50	63.33	63.33
DISCCART	733346.38	4052806.50	63.24	63.24
DISCCART	733346.38	4052831.50	63.23	63.23
DISCCART	733346.38	4052856.50	63.14	63.14
DISCCART	733346.38	4052881.50	63.14	63.14
DISCCART	733346.38	4052906.50	63.04	63.04
DISCCART	733346.38	4054031.50	61.44	61.44
DISCCART	733346.38	4054056.50	61.35	61.35
DISCCART	733346.38	4054081.50	61.35	61.35
DISCCART	733346.38	4054106.50	61.34	61.34
DISCCART	733346.38	4055256.50	60.62	60.62
DISCCART	733346.38	4055281.50	60.55	60.55
DISCCART	733346.38	4055306.50	60.55	60.55
DISCCART	733346.38	4055331.50	60.54	60.54
DISCCART	733371.38	4052331.50	64.74	64.74
DISCCART	733371.38	4052356.50	64.65	64.65
DISCCART	733371.38	4052381.50	64.60	64.60
DISCCART	733371.38	4052406.50	64.52	64.52
DISCCART	733371.38	4052431.50	64.44	64.44
DISCCART	733371.38	4052456.50	64.37	64.37
DISCCART	733371.38	4052481.50	64.30	64.30
DISCCART	733371.38	4052506.50	64.22	64.22
DISCCART	733371.38	4052531.50	64.14	64.14
DISCCART	733371.38	4052556.50	64.04	64.04
DISCCART	733371.38	4052581.50	63.95	63.95
DISCCART	733371.38	4052606.50	63.87	63.87
DISCCART	733371.38	4052631.50	63.80	63.80
DISCCART	733371.38	4052656.50	63.73	63.73
DISCCART	733371.38	4052681.50	63.64	63.64
DISCCART	733371.38	4052706.50	63.55	63.55
DISCCART	733371.38	4052731.50	63.44	63.44
DISCCART	733371.38	4052756.50	63.36	63.36
DISCCART	733371.38	4052781.50	63.27	63.27
DISCCART	733371.38	4052806.50	63.24	63.24
DISCCART	733371.38	4052831.50	63.15	63.15
DISCCART	733371.38	4052856.50	63.14	63.14
DISCCART	733371.38	4052881.50	63.05	63.05
DISCCART	733371.38	4052906.50	63.04	63.04
DISCCART	733371.38	4054031.50	61.38	61.38
DISCCART	733371.38	4054056.50	61.34	61.34
DISCCART	733371.38	4054081.50	61.34	61.34
DISCCART	733371.38	4054106.50	61.34	61.34
DISCCART	733371.38	4055256.50	60.54	60.54

DISCCART	733371.38	4055281.50	60.54	60.54
DISCCART	733371.38	4055306.50	60.54	60.54
DISCCART	733371.38	4055331.50	60.54	60.54
DISCCART	733396.38	4052331.50	64.68	64.68
DISCCART	733396.38	4052356.50	64.61	64.61
DISCCART	733396.38	4052381.50	64.54	64.54
DISCCART	733396.38	4052406.50	64.46	64.46
DISCCART	733396.38	4052431.50	64.38	64.38
DISCCART	733396.38	4052456.50	64.34	64.34
DISCCART	733396.38	4052481.50	64.25	64.25
DISCCART	733396.38	4052506.50	64.15	64.15
DISCCART	733396.38	4052531.50	64.08	64.08
DISCCART	733396.38	4052556.50	64.03	64.03
DISCCART	733396.38	4052581.50	63.94	63.94
DISCCART	733396.38	4052606.50	63.84	63.84
DISCCART	733396.38	4052631.50	63.74	63.74
DISCCART	733396.38	4052656.50	63.66	63.66
DISCCART	733396.38	4052681.50	63.59	63.59
DISCCART	733396.38	4052706.50	63.49	63.49
DISCCART	733396.38	4052731.50	63.42	63.42
DISCCART	733396.38	4052756.50	63.33	63.33
DISCCART	733396.38	4052781.50	63.24	63.24
DISCCART	733396.38	4052806.50	63.21	63.21
DISCCART	733396.38	4052831.50	63.14	63.14
DISCCART	733396.38	4052856.50	63.11	63.11
DISCCART	733396.38	4052881.50	63.04	63.04
DISCCART	733396.38	4052906.50	63.02	63.02
DISCCART	733396.38	4054031.50	61.34	61.34
DISCCART	733396.38	4054056.50	61.34	61.34
DISCCART	733396.38	4054081.50	61.34	61.34
DISCCART	733396.38	4054106.50	61.25	61.25
DISCCART	733396.38	4055256.50	60.52	60.52
DISCCART	733396.38	4055281.50	60.52	60.52
DISCCART	733396.38	4055306.50	60.46	60.46
DISCCART	733396.38	4055331.50	60.44	60.44
DISCCART	733421.38	4052331.50	64.64	64.64
DISCCART	733421.38	4052356.50	64.56	64.56
DISCCART	733421.38	4052381.50	64.50	64.50
DISCCART	733421.38	4052406.50	64.42	64.42
DISCCART	733421.38	4052431.50	64.34	64.34
DISCCART	733421.38	4052456.50	64.25	64.25
DISCCART	733421.38	4052481.50	64.20	64.20
DISCCART	733421.38	4052506.50	64.14	64.14
DISCCART	733421.38	4052531.50	64.04	64.04
DISCCART	733421.38	4052556.50	63.94	63.94
DISCCART	733421.38	4052581.50	63.88	63.88
DISCCART	733421.38	4052606.50	63.82	63.82
DISCCART	733421.38	4052631.50	63.73	63.73
DISCCART	733421.38	4052656.50	63.63	63.63
DISCCART	733421.38	4052681.50	63.54	63.54
DISCCART	733421.38	4052706.50	63.45	63.45
DISCCART	733421.38	4052731.50	63.36	63.36
DISCCART	733421.38	4052756.50	63.30	63.30
DISCCART	733421.38	4052781.50	63.24	63.24
DISCCART	733421.38	4052806.50	63.17	63.17
DISCCART	733421.38	4052831.50	63.14	63.14
DISCCART	733421.38	4052856.50	63.04	63.04
DISCCART	733421.38	4052881.50	63.04	63.04
DISCCART	733421.38	4052906.50	62.94	62.94
DISCCART	733421.38	4054031.50	61.34	61.34
DISCCART	733421.38	4054056.50	61.25	61.25
DISCCART	733421.38	4054081.50	61.24	61.24
DISCCART	733421.38	4054106.50	61.24	61.24
DISCCART	733421.38	4055256.50	60.44	60.44
DISCCART	733421.38	4055281.50	60.44	60.44
DISCCART	733421.38	4055306.50	60.44	60.44
DISCCART	733421.38	4055331.50	60.44	60.44
DISCCART	733446.38	4052331.50	64.57	64.57
DISCCART	733446.38	4052356.50	64.54	64.54
DISCCART	733446.38	4052381.50	64.44	64.44
DISCCART	733446.38	4052406.50	64.36	64.36
DISCCART	733446.38	4052431.50	64.32	64.32
DISCCART	733446.38	4052456.50	64.24	64.24
DISCCART	733446.38	4052481.50	64.15	64.15
DISCCART	733446.38	4052506.50	64.05	64.05
DISCCART	733446.38	4052531.50	64.03	64.03
DISCCART	733446.38	4052556.50	63.92	63.92
DISCCART	733446.38	4052581.50	63.84	63.84
DISCCART	733446.38	4052606.50	63.75	63.75
DISCCART	733446.38	4052631.50	63.68	63.68
DISCCART	733446.38	4052656.50	63.56	63.56
DISCCART	733446.38	4052681.50	63.49	63.49
DISCCART	733446.38	4052706.50	63.41	63.41
DISCCART	733446.38	4052731.50	63.34	63.34
DISCCART	733446.38	4052756.50	63.25	63.25
DISCCART	733446.38	4052781.50	63.24	63.24
DISCCART	733446.38	4052806.50	63.14	63.14
DISCCART	733446.38	4052831.50	63.13	63.13
DISCCART	733446.38	4052856.50	63.04	63.04
DISCCART	733446.38	4052881.50	62.98	62.98
DISCCART	733446.38	4052906.50	62.94	62.94
DISCCART	733446.38	4054031.50	61.26	61.26
DISCCART	733446.38	4054056.50	61.24	61.24
DISCCART	733446.38	4054081.50	61.24	61.24
DISCCART	733446.38	4054106.50	61.24	61.24
DISCCART	733446.38	4055256.50	60.44	60.44
DISCCART	733446.38	4055281.50	60.42	60.42
DISCCART	733446.38	4055306.50	60.43	60.43
DISCCART	733446.38	4055331.50	60.43	60.43
DISCCART	733471.38	4052331.50	64.54	64.54
DISCCART	733471.38	4052356.50	64.45	64.45
DISCCART	733471.38	4052381.50	64.40	64.40
DISCCART	733471.38	4052406.50	64.34	64.34
DISCCART	733471.38	4052431.50	64.25	64.25
DISCCART	733471.38	4052456.50	64.22	64.22
DISCCART	733471.38	4052481.50	64.14	64.14
DISCCART	733471.38	4052506.50	64.04	64.04
DISCCART	733471.38	4052531.50	63.94	63.94
DISCCART	733471.38	4052556.50	63.87	63.87
DISCCART	733471.38	4052581.50	63.78	63.78
DISCCART	733471.38	4052606.50	63.73	63.73
DISCCART	733471.38	4052631.50	63.63	63.63
DISCCART	733471.38	4052656.50	63.54	63.54
DISCCART	733471.38	4052681.50	63.44	63.44
DISCCART	733471.38	4052706.50	63.35	63.35
DISCCART	733471.38	4052731.50	63.30	63.30
DISCCART	733471.38	4052756.50	63.24	63.24

DISCCART	733471.38	4052781.50	63.16	63.16
DISCCART	733471.38	4052806.50	63.14	63.14
DISCCART	733471.38	4052831.50	63.05	63.05
DISCCART	733471.38	4052856.50	63.04	63.04
DISCCART	733471.38	4052881.50	62.94	62.94
DISCCART	733471.38	4052906.50	62.93	62.93
DISCCART	733471.38	4054031.50	61.24	61.24
DISCCART	733471.38	4054056.50	61.24	61.24
DISCCART	733471.38	4054081.50	61.24	61.24
DISCCART	733471.38	4054106.50	61.19	61.19
DISCCART	733471.38	4055231.50	60.36	60.36
DISCCART	733471.38	4055256.50	60.34	60.34
DISCCART	733471.38	4055281.50	60.34	60.34
DISCCART	733471.38	4055306.50	60.34	60.34
DISCCART	733471.38	4055331.50	60.34	60.34
DISCCART	733496.38	4052331.50	64.47	64.47
DISCCART	733496.38	4052356.50	64.44	64.44
DISCCART	733496.38	4052381.50	64.35	64.35
DISCCART	733496.38	4052406.50	64.30	64.30
DISCCART	733496.38	4052431.50	64.22	64.22
DISCCART	733496.38	4052456.50	64.14	64.14
DISCCART	733496.38	4052481.50	64.07	64.07
DISCCART	733496.38	4052506.50	64.01	64.01
DISCCART	733496.38	4052531.50	63.92	63.92
DISCCART	733496.38	4052556.50	63.84	63.84
DISCCART	733496.38	4052581.50	63.74	63.74
DISCCART	733496.38	4052606.50	63.66	63.66
DISCCART	733496.38	4052631.50	63.58	63.58
DISCCART	733496.38	4052656.50	63.50	63.50
DISCCART	733496.38	4052681.50	63.44	63.44
DISCCART	733496.38	4052706.50	63.34	63.34
DISCCART	733496.38	4052731.50	63.25	63.25
DISCCART	733496.38	4052756.50	63.24	63.24
DISCCART	733496.38	4052781.50	63.14	63.14
DISCCART	733496.38	4052806.50	63.11	63.11
DISCCART	733496.38	4052831.50	63.04	63.04
DISCCART	733496.38	4052856.50	63.01	63.01
DISCCART	733496.38	4052881.50	62.94	62.94
DISCCART	733496.38	4052906.50	62.85	62.85
DISCCART	733496.38	4053981.50	61.25	61.25
DISCCART	733496.38	4054006.50	61.24	61.24
DISCCART	733496.38	4054031.50	61.24	61.24
DISCCART	733496.38	4054056.50	61.16	61.16
DISCCART	733496.38	4054081.50	61.14	61.14
DISCCART	733496.38	4054106.50	61.14	61.14
DISCCART	733496.38	4054906.50	60.54	60.54
DISCCART	733496.38	4054931.50	60.54	60.54
DISCCART	733496.38	4054956.50	60.54	60.54
DISCCART	733496.38	4054981.50	60.54	60.54
DISCCART	733496.38	4055006.50	60.54	60.54
DISCCART	733496.38	4055031.50	60.52	60.52
DISCCART	733496.38	4055056.50	60.45	60.45
DISCCART	733496.38	4055081.50	60.44	60.44
DISCCART	733496.38	4055106.50	60.44	60.44
DISCCART	733496.38	4055131.50	60.44	60.44
DISCCART	733496.38	4055156.50	60.44	60.44
DISCCART	733496.38	4055181.50	60.43	60.43
DISCCART	733496.38	4055206.50	60.35	60.35
DISCCART	733496.38	4055231.50	60.34	60.34
DISCCART	733496.38	4055256.50	60.34	60.34
DISCCART	733496.38	4055281.50	60.33	60.33
DISCCART	733496.38	4055306.50	60.33	60.33
DISCCART	733496.38	4055331.50	60.33	60.33
DISCCART	733521.38	4052331.50	64.44	64.44
DISCCART	733521.38	4052356.50	64.41	64.41
DISCCART	733521.38	4052381.50	64.34	64.34
DISCCART	733521.38	4052406.50	64.24	64.24
DISCCART	733521.38	4052431.50	64.16	64.16
DISCCART	733521.38	4052456.50	64.13	64.13
DISCCART	733521.38	4052481.50	64.04	64.04
DISCCART	733521.38	4052506.50	63.94	63.94
DISCCART	733521.38	4052531.50	63.86	63.86
DISCCART	733521.38	4052556.50	63.81	63.81
DISCCART	733521.38	4052581.50	63.73	63.73
DISCCART	733521.38	4052606.50	63.64	63.64
DISCCART	733521.38	4052631.50	63.54	63.54
DISCCART	733521.38	4052656.50	63.45	63.45
DISCCART	733521.38	4052681.50	63.36	63.36
DISCCART	733521.38	4052706.50	63.31	63.31
DISCCART	733521.38	4052731.50	63.24	63.24
DISCCART	733521.38	4052756.50	63.17	63.17
DISCCART	733521.38	4052781.50	63.14	63.14
DISCCART	733521.38	4052806.50	63.04	63.04
DISCCART	733521.38	4052831.50	63.04	63.04
DISCCART	733521.38	4052856.50	62.94	62.94
DISCCART	733521.38	4052881.50	62.90	62.90
DISCCART	733521.38	4052906.50	62.84	62.84
DISCCART	733521.38	4052931.50	62.84	62.84
DISCCART	733521.38	4053481.50	61.80	61.80
DISCCART	733521.38	4053506.50	61.74	61.74
DISCCART	733521.38	4053531.50	61.74	61.74
DISCCART	733521.38	4053556.50	61.74	61.74
DISCCART	733521.38	4053581.50	61.66	61.66
DISCCART	733521.38	4053606.50	61.64	61.64
DISCCART	733521.38	4053631.50	61.64	61.64
DISCCART	733521.38	4053656.50	61.57	61.57
DISCCART	733521.38	4053681.50	61.54	61.54
DISCCART	733521.38	4053706.50	61.54	61.54
DISCCART	733521.38	4053731.50	61.54	61.54
DISCCART	733521.38	4053756.50	61.45	61.45
DISCCART	733521.38	4053781.50	61.44	61.44
DISCCART	733521.38	4053806.50	61.44	61.44
DISCCART	733521.38	4053831.50	61.35	61.35
DISCCART	733521.38	4053856.50	61.34	61.34
DISCCART	733521.38	4053881.50	61.34	61.34
DISCCART	733521.38	4053906.50	61.34	61.34
DISCCART	733521.38	4053931.50	61.26	61.26
DISCCART	733521.38	4053956.50	61.24	61.24
DISCCART	733521.38	4053981.50	61.24	61.24
DISCCART	733521.38	4054006.50	61.24	61.24
DISCCART	733521.38	4054031.50	61.16	61.16
DISCCART	733521.38	4054056.50	61.14	61.14
DISCCART	733521.38	4054081.50	61.14	61.14
DISCCART	733521.38	4054106.50	61.14	61.14
DISCCART	733521.38	4054131.50	61.09	61.09
DISCCART	733521.38	4054156.50	61.04	61.04
DISCCART	733521.38	4054181.50	61.04	61.04

DISCCART	733521.38	4054206.50	61.04	61.04
DISCCART	733521.38	4054231.50	60.99	60.99
DISCCART	733521.38	4054256.50	60.94	60.94
DISCCART	733521.38	4054281.50	60.94	60.94
DISCCART	733521.38	4054306.50	60.94	60.94
DISCCART	733521.38	4054331.50	60.91	60.91
DISCCART	733521.38	4054356.50	60.85	60.85
DISCCART	733521.38	4054381.50	60.84	60.84
DISCCART	733521.38	4054406.50	60.84	60.84
DISCCART	733521.38	4054431.50	60.84	60.84
DISCCART	733521.38	4054456.50	60.80	60.80
DISCCART	733521.38	4054481.50	60.74	60.74
DISCCART	733521.38	4054506.50	60.74	60.74
DISCCART	733521.38	4054531.50	60.74	60.74
DISCCART	733521.38	4054556.50	60.74	60.74
DISCCART	733521.38	4054581.50	60.74	60.74
DISCCART	733521.38	4054606.50	60.68	60.68
DISCCART	733521.38	4054631.50	60.66	60.66
DISCCART	733521.38	4054656.50	60.64	60.64
DISCCART	733521.38	4054681.50	60.64	60.64
DISCCART	733521.38	4054706.50	60.64	60.64
DISCCART	733521.38	4054731.50	60.64	60.64
DISCCART	733521.38	4054756.50	60.64	60.64
DISCCART	733521.38	4054781.50	60.58	60.58
DISCCART	733521.38	4054806.50	60.54	60.54
DISCCART	733521.38	4054831.50	60.54	60.54
DISCCART	733521.38	4054856.50	60.54	60.54
DISCCART	733521.38	4054881.50	60.54	60.54
DISCCART	733521.38	4054906.50	60.54	60.54
DISCCART	733521.38	4054931.50	60.54	60.54
DISCCART	733521.38	4054956.50	60.48	60.48
DISCCART	733521.38	4054981.50	60.45	60.45
DISCCART	733521.38	4055006.50	60.44	60.44
DISCCART	733521.38	4055031.50	60.44	60.44
DISCCART	733521.38	4055056.50	60.44	60.44
DISCCART	733521.38	4055081.50	60.44	60.44
DISCCART	733521.38	4055106.50	60.44	60.44
DISCCART	733521.38	4055131.50	60.43	60.43
DISCCART	733521.38	4055156.50	60.38	60.38
DISCCART	733521.38	4055181.50	60.36	60.36
DISCCART	733521.38	4055206.50	60.34	60.34
DISCCART	733521.38	4055231.50	60.25	60.25
DISCCART	733521.38	4055256.50	60.24	60.24
DISCCART	733521.38	4055281.50	60.24	60.24
DISCCART	733521.38	4055306.50	60.24	60.24
DISCCART	733521.38	4055331.50	60.24	60.24
DISCCART	733546.38	4052331.50	64.44	64.44
DISCCART	733546.38	4052356.50	64.34	64.34
DISCCART	733546.38	4052381.50	64.26	64.26
DISCCART	733546.38	4052406.50	64.21	64.21
DISCCART	733546.38	4052431.50	64.14	64.14
DISCCART	733546.38	4052456.50	64.04	64.04
DISCCART	733546.38	4052481.50	63.97	63.97
DISCCART	733546.38	4052506.50	63.90	63.90
DISCCART	733546.38	4052531.50	63.83	63.83
DISCCART	733546.38	4052556.50	63.74	63.74
DISCCART	733546.38	4052581.50	63.67	63.67
DISCCART	733546.38	4052606.50	63.60	63.60
DISCCART	733546.38	4052631.50	63.54	63.54
DISCCART	733546.38	4052656.50	63.44	63.44
DISCCART	733546.38	4052681.50	63.34	63.34
DISCCART	733546.38	4052706.50	63.26	63.26
DISCCART	733546.38	4052731.50	63.24	63.24
DISCCART	733546.38	4052756.50	63.14	63.14
DISCCART	733546.38	4052781.50	63.08	63.08
DISCCART	733546.38	4052806.50	63.04	63.04
DISCCART	733546.38	4052831.50	62.98	62.98
DISCCART	733546.38	4052856.50	62.94	62.94
DISCCART	733546.38	4052881.50	62.84	62.84
DISCCART	733546.38	4052906.50	62.84	62.84
DISCCART	733546.38	4052931.50	62.77	62.77
DISCCART	733546.38	4052956.50	62.74	62.74
DISCCART	733546.38	4052981.50	62.66	62.66
DISCCART	733546.38	4053006.50	62.64	62.64
DISCCART	733546.38	4053031.50	62.57	62.57
DISCCART	733546.38	4053056.50	62.54	62.54
DISCCART	733546.38	4053081.50	62.47	62.47
DISCCART	733546.38	4053106.50	62.44	62.44
DISCCART	733546.38	4053131.50	62.37	62.37
DISCCART	733546.38	4053156.50	62.34	62.34
DISCCART	733546.38	4053181.50	62.33	62.33
DISCCART	733546.38	4053206.50	62.24	62.24
DISCCART	733546.38	4053231.50	62.24	62.24
DISCCART	733546.38	4053256.50	62.16	62.16
DISCCART	733546.38	4053281.50	62.14	62.14
DISCCART	733546.38	4053306.50	62.10	62.10
DISCCART	733546.38	4053331.50	62.04	62.04
DISCCART	733546.38	4053356.50	62.04	62.04
DISCCART	733546.38	4053381.50	61.94	61.94
DISCCART	733546.38	4053406.50	61.94	61.94
DISCCART	733546.38	4053431.50	61.84	61.84
DISCCART	733546.38	4053456.50	61.82	61.82
DISCCART	733546.38	4053481.50	61.74	61.74
DISCCART	733546.38	4053506.50	61.74	61.74
DISCCART	733546.38	4053531.50	61.73	61.73
DISCCART	733546.38	4053556.50	61.65	61.65
DISCCART	733546.38	4053581.50	61.64	61.64
DISCCART	733546.38	4053606.50	61.64	61.64
DISCCART	733546.38	4053631.50	61.58	61.58
DISCCART	733546.38	4053656.50	61.54	61.54
DISCCART	733546.38	4053681.50	61.54	61.54
DISCCART	733546.38	4053706.50	61.49	61.49
DISCCART	733546.38	4053731.50	61.44	61.44
DISCCART	733546.38	4053756.50	61.44	61.44
DISCCART	733546.38	4053781.50	61.44	61.44
DISCCART	733546.38	4053806.50	61.35	61.35
DISCCART	733546.38	4053831.50	61.34	61.34
DISCCART	733546.38	4053856.50	61.34	61.34
DISCCART	733546.38	4053881.50	61.25	61.25
DISCCART	733546.38	4053906.50	61.25	61.25
DISCCART	733546.38	4053931.50	61.24	61.24
DISCCART	733546.38	4053956.50	61.24	61.24
DISCCART	733546.38	4053981.50	61.22	61.22
DISCCART	733546.38	4054006.50	61.15	61.15
DISCCART	733546.38	4054031.50	61.14	61.14
DISCCART	733546.38	4054056.50	61.06	61.06
DISCCART	733546.38	4054081.50	61.14	61.14

DISCCART	733546.38	4054106.50	61.05	61.05
DISCCART	733546.38	4054131.50	61.04	61.04
DISCCART	733546.38	4054156.50	61.04	61.04
DISCCART	733546.38	4054181.50	61.03	61.03
DISCCART	733546.38	4054206.50	60.95	60.95
DISCCART	733546.38	4054231.50	60.94	60.94
DISCCART	733546.38	4054256.50	60.92	60.92
DISCCART	733546.38	4054281.50	60.91	60.91
DISCCART	733546.38	4054306.50	60.85	60.85
DISCCART	733546.38	4054331.50	60.84	60.84
DISCCART	733546.38	4054356.50	60.84	60.84
DISCCART	733546.38	4054381.50	60.84	60.84
DISCCART	733546.38	4054406.50	60.83	60.83
DISCCART	733546.38	4054431.50	60.74	60.74
DISCCART	733546.38	4054456.50	60.74	60.74
DISCCART	733546.38	4054481.50	60.74	60.74
DISCCART	733546.38	4054506.50	60.74	60.74
DISCCART	733546.38	4054531.50	60.74	60.74
DISCCART	733546.38	4054556.50	60.70	60.70
DISCCART	733546.38	4054581.50	60.65	60.65
DISCCART	733546.38	4054606.50	60.64	60.64
DISCCART	733546.38	4054631.50	60.64	60.64
DISCCART	733546.38	4054656.50	60.64	60.64
DISCCART	733546.38	4054681.50	60.64	60.64
DISCCART	733546.38	4054706.50	60.63	60.63
DISCCART	733546.38	4054731.50	60.55	60.55
DISCCART	733546.38	4054756.50	60.54	60.54
DISCCART	733546.38	4054781.50	60.54	60.54
DISCCART	733546.38	4054806.50	60.54	60.54
DISCCART	733546.38	4054831.50	60.54	60.54
DISCCART	733546.38	4054856.50	60.53	60.53
DISCCART	733546.38	4054881.50	60.52	60.52
DISCCART	733546.38	4054906.50	60.46	60.46
DISCCART	733546.38	4054931.50	60.44	60.44
DISCCART	733546.38	4054956.50	60.44	60.44
DISCCART	733546.38	4054981.50	60.44	60.44
DISCCART	733546.38	4055006.50	60.44	60.44
DISCCART	733546.38	4055031.50	60.44	60.44
DISCCART	733546.38	4055056.50	60.43	60.43
DISCCART	733546.38	4055081.50	60.38	60.38
DISCCART	733546.38	4055106.50	60.36	60.36
DISCCART	733546.38	4055131.50	60.34	60.34
DISCCART	733546.38	4055156.50	60.34	60.34
DISCCART	733546.38	4055181.50	60.34	60.34
DISCCART	733546.38	4055206.50	60.34	60.34
DISCCART	733546.38	4055231.50	60.34	60.34
DISCCART	733546.38	4055256.50	60.26	60.26
DISCCART	733546.38	4055281.50	60.24	60.24
DISCCART	733546.38	4055306.50	60.24	60.24
DISCCART	733546.38	4055331.50	60.24	60.24
DISCCART	733571.38	4052331.50	64.35	64.35
DISCCART	733571.38	4052356.50	64.32	64.32
DISCCART	733571.38	4052381.50	64.24	64.24
DISCCART	733571.38	4052406.50	64.14	64.14
DISCCART	733571.38	4052431.50	64.08	64.08
DISCCART	733571.38	4052456.50	64.02	64.02
DISCCART	733571.38	4052481.50	63.94	63.94
DISCCART	733571.38	4052506.50	63.85	63.85
DISCCART	733571.38	4052531.50	63.78	63.78
DISCCART	733571.38	4052556.50	63.72	63.72
DISCCART	733571.38	4052581.50	63.64	63.64
DISCCART	733571.38	4052606.50	63.55	63.55
DISCCART	733571.38	4052631.50	63.50	63.50
DISCCART	733571.38	4052656.50	63.41	63.41
DISCCART	733571.38	4052681.50	63.34	63.34
DISCCART	733571.38	4052706.50	63.24	63.24
DISCCART	733571.38	4052731.50	63.17	63.17
DISCCART	733571.38	4052756.50	63.14	63.14
DISCCART	733571.38	4052781.50	63.04	63.04
DISCCART	733571.38	4052806.50	63.04	63.04
DISCCART	733571.38	4052831.50	62.94	62.94
DISCCART	733571.38	4052856.50	62.94	62.94
DISCCART	733571.38	4052881.50	62.84	62.84
DISCCART	733571.38	4052906.50	62.80	62.80
DISCCART	733571.38	4052931.50	62.74	62.74
DISCCART	733571.38	4052956.50	62.70	62.70
DISCCART	733571.38	4052981.50	62.64	62.64
DISCCART	733571.38	4053006.50	62.60	62.60
DISCCART	733571.38	4053031.50	62.54	62.54
DISCCART	733571.38	4053056.50	62.47	62.47
DISCCART	733571.38	4053081.50	62.44	62.44
DISCCART	733571.38	4053106.50	62.43	62.43
DISCCART	733571.38	4053131.50	62.34	62.34
DISCCART	733571.38	4053156.50	62.34	62.34
DISCCART	733571.38	4053181.50	62.24	62.24
DISCCART	733571.38	4053206.50	62.24	62.24
DISCCART	733571.38	4053231.50	62.16	62.16
DISCCART	733571.38	4053256.50	62.14	62.14
DISCCART	733571.38	4053281.50	62.10	62.10
DISCCART	733571.38	4053306.50	62.04	62.04
DISCCART	733571.38	4053331.50	62.04	62.04
DISCCART	733571.38	4053356.50	61.95	61.95
DISCCART	733571.38	4053381.50	61.94	61.94
DISCCART	733571.38	4053406.50	61.87	61.87
DISCCART	733571.38	4053431.50	61.84	61.84
DISCCART	733571.38	4053456.50	61.74	61.74
DISCCART	733571.38	4053481.50	61.74	61.74
DISCCART	733571.38	4053506.50	61.74	61.74
DISCCART	733571.38	4053531.50	61.64	61.64
DISCCART	733571.38	4053556.50	61.64	61.64
DISCCART	733571.38	4053581.50	61.64	61.64
DISCCART	733571.38	4053606.50	61.58	61.58
DISCCART	733571.38	4053631.50	61.54	61.54
DISCCART	733571.38	4053656.50	61.54	61.54
DISCCART	733571.38	4053681.50	61.45	61.45
DISCCART	733571.38	4053706.50	61.44	61.44
DISCCART	733571.38	4053731.50	61.44	61.44
DISCCART	733571.38	4053756.50	61.44	61.44
DISCCART	733571.38	4053781.50	61.35	61.35
DISCCART	733571.38	4053806.50	61.34	61.34
DISCCART	733571.38	4053831.50	61.34	61.34
DISCCART	733571.38	4053856.50	61.24	61.24
DISCCART	733571.38	4053881.50	61.24	61.24
DISCCART	733571.38	4053906.50	61.24	61.24
DISCCART	733571.38	4053931.50	61.24	61.24
DISCCART	733571.38	4053956.50	61.19	61.19
DISCCART	733571.38	4053981.50	61.14	61.14

DISCCART	733571.38	4054006.50	61.14	61.14
DISCCART	733571.38	4054031.50	61.14	61.14
DISCCART	733571.38	4054056.50	61.06	61.06
DISCCART	733571.38	4054081.50	61.04	61.04
DISCCART	733571.38	4054106.50	61.04	61.04
DISCCART	733571.38	4054131.50	61.04	61.04
DISCCART	733571.38	4054156.50	60.99	60.99
DISCCART	733571.38	4054181.50	60.94	60.94
DISCCART	733571.38	4054206.50	60.94	60.94
DISCCART	733571.38	4054231.50	60.84	60.84
DISCCART	733571.38	4054256.50	60.84	60.84
DISCCART	733571.38	4054281.50	60.84	60.84
DISCCART	733571.38	4054306.50	60.84	60.84
DISCCART	733571.38	4054331.50	60.84	60.84
DISCCART	733571.38	4054356.50	60.84	60.84
DISCCART	733571.38	4054381.50	60.75	60.75
DISCCART	733571.38	4054406.50	60.74	60.74
DISCCART	733571.38	4054431.50	60.74	60.74
DISCCART	733571.38	4054456.50	60.74	60.74
DISCCART	733571.38	4054481.50	60.74	60.74
DISCCART	733571.38	4054506.50	60.67	60.67
DISCCART	733571.38	4054531.50	60.64	60.64
DISCCART	733571.38	4054556.50	60.64	60.64
DISCCART	733571.38	4054581.50	60.64	60.64
DISCCART	733571.38	4054606.50	60.64	60.64
DISCCART	733571.38	4054631.50	60.64	60.64
DISCCART	733571.38	4054656.50	60.58	60.58
DISCCART	733571.38	4054681.50	60.54	60.54
DISCCART	733571.38	4054706.50	60.54	60.54
DISCCART	733571.38	4054731.50	60.54	60.54
DISCCART	733571.38	4054756.50	60.54	60.54
DISCCART	733571.38	4054781.50	60.54	60.54
DISCCART	733571.38	4054806.50	60.52	60.52
DISCCART	733571.38	4054831.50	60.49	60.49
DISCCART	733571.38	4054856.50	60.44	60.44
DISCCART	733571.38	4054881.50	60.44	60.44
DISCCART	733571.38	4054906.50	60.44	60.44
DISCCART	733571.38	4054931.50	60.44	60.44
DISCCART	733571.38	4054956.50	60.44	60.44
DISCCART	733571.38	4054981.50	60.44	60.44
DISCCART	733571.38	4055006.50	60.39	60.39
DISCCART	733571.38	4055031.50	60.34	60.34
DISCCART	733571.38	4055056.50	60.34	60.34
DISCCART	733571.38	4055081.50	60.34	60.34
DISCCART	733571.38	4055106.50	60.34	60.34
DISCCART	733571.38	4055131.50	60.34	60.34
DISCCART	733571.38	4055156.50	60.34	60.34
DISCCART	733571.38	4055181.50	60.30	60.30
DISCCART	733571.38	4055206.50	60.28	60.28
DISCCART	733571.38	4055231.50	60.25	60.25
DISCCART	733571.38	4055256.50	60.24	60.24
DISCCART	733571.38	4055281.50	60.24	60.24
DISCCART	733571.38	4055306.50	60.24	60.24
DISCCART	733571.38	4055331.50	60.24	60.24
DISCCART	733596.38	4052331.50	64.36	64.36
DISCCART	733596.38	4052356.50	64.32	64.32
DISCCART	733596.38	4052381.50	64.24	64.24
DISCCART	733596.38	4052406.50	64.14	64.14
DISCCART	733596.38	4052431.50	64.04	64.04
DISCCART	733596.38	4052456.50	63.96	63.96
DISCCART	733596.38	4052481.50	63.92	63.92
DISCCART	733596.38	4052506.50	63.84	63.84
DISCCART	733596.38	4052531.50	63.74	63.74
DISCCART	733596.38	4052556.50	63.70	63.70
DISCCART	733596.38	4052581.50	63.63	63.63
DISCCART	733596.38	4052606.50	63.54	63.54
DISCCART	733596.38	4052631.50	63.45	63.45
DISCCART	733596.38	4052656.50	63.40	63.40
DISCCART	733596.38	4052681.50	63.34	63.34
DISCCART	733596.38	4052706.50	63.24	63.24
DISCCART	733596.38	4052731.50	63.18	63.18
DISCCART	733596.38	4052756.50	63.14	63.14
DISCCART	733596.38	4052781.50	63.04	63.04
DISCCART	733596.38	4052806.50	63.02	63.02
DISCCART	733596.38	4052831.50	62.94	62.94
DISCCART	733596.38	4052856.50	62.90	62.90
DISCCART	733596.38	4052881.50	62.84	62.84
DISCCART	733596.38	4052906.50	62.76	62.76
DISCCART	733596.38	4052931.50	62.74	62.74
DISCCART	733596.38	4052956.50	62.66	62.66
DISCCART	733596.38	4052981.50	62.64	62.64
DISCCART	733596.38	4053006.50	62.55	62.55
DISCCART	733596.38	4053031.50	62.53	62.53
DISCCART	733596.38	4053056.50	62.44	62.44
DISCCART	733596.38	4053081.50	62.43	62.43
DISCCART	733596.38	4053106.50	62.34	62.34
DISCCART	733596.38	4053131.50	62.33	62.33
DISCCART	733596.38	4053156.50	62.24	62.24
DISCCART	733596.38	4053181.50	62.24	62.24
DISCCART	733596.38	4053206.50	62.15	62.15
DISCCART	733596.38	4053231.50	62.14	62.14
DISCCART	733596.38	4053256.50	62.10	62.10
DISCCART	733596.38	4053281.50	62.04	62.04
DISCCART	733596.38	4053306.50	62.04	62.04
DISCCART	733596.38	4053331.50	61.94	61.94
DISCCART	733596.38	4053356.50	61.94	61.94
DISCCART	733596.38	4053381.50	61.87	61.87
DISCCART	733596.38	4053406.50	61.84	61.84
DISCCART	733596.38	4053431.50	61.83	61.83
DISCCART	733596.38	4053456.50	61.74	61.74
DISCCART	733596.38	4053481.50	61.74	61.74
DISCCART	733596.38	4053506.50	61.65	61.65
DISCCART	733596.38	4053531.50	61.64	61.64
DISCCART	733596.38	4053556.50	61.64	61.64
DISCCART	733596.38	4053581.50	61.58	61.58
DISCCART	733596.38	4053606.50	61.54	61.54
DISCCART	733596.38	4053631.50	61.54	61.54
DISCCART	733596.38	4053656.50	61.46	61.46
DISCCART	733596.38	4053681.50	61.44	61.44
DISCCART	733596.38	4053706.50	61.44	61.44
DISCCART	733596.38	4053731.50	61.36	61.36
DISCCART	733596.38	4053756.50	61.34	61.34
DISCCART	733596.38	4053781.50	61.34	61.34
DISCCART	733596.38	4053806.50	61.34	61.34
DISCCART	733596.38	4053831.50	61.28	61.28
DISCCART	733596.38	4053856.50	61.24	61.24
DISCCART	733596.38	4053881.50	61.22	61.22

DISCCART	733596.38	4053906.50	61.16	61.16
DISCCART	733596.38	4053931.50	61.18	61.18
DISCCART	733596.38	4053956.50	61.14	61.14
DISCCART	733596.38	4053981.50	61.14	61.14
DISCCART	733596.38	4054006.50	61.14	61.14
DISCCART	733596.38	4054031.50	61.05	61.05
DISCCART	733596.38	4054056.50	60.96	60.96
DISCCART	733596.38	4054081.50	61.04	61.04
DISCCART	733596.38	4054106.50	61.03	61.03
DISCCART	733596.38	4054131.50	60.94	60.94
DISCCART	733596.38	4054156.50	60.94	60.94
DISCCART	733596.38	4054181.50	60.94	60.94
DISCCART	733596.38	4054206.50	60.90	60.90
DISCCART	733596.38	4054231.50	60.84	60.84
DISCCART	733596.38	4054256.50	60.84	60.84
DISCCART	733596.38	4054281.50	60.84	60.84
DISCCART	733596.38	4054306.50	60.84	60.84
DISCCART	733596.38	4054331.50	60.78	60.78
DISCCART	733596.38	4054356.50	60.74	60.74
DISCCART	733596.38	4054381.50	60.74	60.74
DISCCART	733596.38	4054406.50	60.74	60.74
DISCCART	733596.38	4054431.50	60.73	60.73
DISCCART	733596.38	4054456.50	60.66	60.66
DISCCART	733596.38	4054481.50	60.64	60.64
DISCCART	733596.38	4054506.50	60.64	60.64
DISCCART	733596.38	4054531.50	60.64	60.64
DISCCART	733596.38	4054556.50	60.64	60.64
DISCCART	733596.38	4054581.50	60.62	60.62
DISCCART	733596.38	4054606.50	60.55	60.55
DISCCART	733596.38	4054631.50	60.54	60.54
DISCCART	733596.38	4054656.50	60.54	60.54
DISCCART	733596.38	4054681.50	60.54	60.54
DISCCART	733596.38	4054706.50	60.54	60.54
DISCCART	733596.38	4054731.50	60.54	60.54
DISCCART	733596.38	4054756.50	60.50	60.50
DISCCART	733596.38	4054781.50	60.46	60.46
DISCCART	733596.38	4054806.50	60.44	60.44
DISCCART	733596.38	4054831.50	60.44	60.44
DISCCART	733596.38	4054856.50	60.44	60.44
DISCCART	733596.38	4054881.50	60.44	60.44
DISCCART	733596.38	4054906.50	60.42	60.42
DISCCART	733596.38	4054931.50	60.38	60.38
DISCCART	733596.38	4054956.50	60.35	60.35
DISCCART	733596.38	4054981.50	60.34	60.34
DISCCART	733596.38	4055006.50	60.34	60.34
DISCCART	733596.38	4055031.50	60.34	60.34
DISCCART	733596.38	4055056.50	60.34	60.34
DISCCART	733596.38	4055081.50	60.34	60.34
DISCCART	733596.38	4055106.50	60.32	60.32
DISCCART	733596.38	4055131.50	60.26	60.26
DISCCART	733596.38	4055156.50	60.24	60.24
DISCCART	733596.38	4055181.50	60.24	60.24
DISCCART	733596.38	4055206.50	60.24	60.24
DISCCART	733596.38	4055231.50	60.24	60.24
DISCCART	733596.38	4055256.50	60.24	60.24
DISCCART	733596.38	4055281.50	60.24	60.24
DISCCART	733596.38	4055306.50	60.24	60.24
DISCCART	733596.38	4055331.50	60.24	60.24
DISCCART	733621.38	4052331.50	64.34	64.34
DISCCART	733621.38	4052356.50	64.24	64.24
DISCCART	733621.38	4052381.50	64.16	64.16
DISCCART	733621.38	4052406.50	64.07	64.07
DISCCART	733621.38	4052431.50	64.00	64.00
DISCCART	733621.38	4052456.50	63.94	63.94
DISCCART	733621.38	4052481.50	63.84	63.84
DISCCART	733621.38	4052506.50	63.77	63.77
DISCCART	733621.38	4052531.50	63.74	63.74
DISCCART	733621.38	4052556.50	63.64	63.64
DISCCART	733621.38	4052581.50	63.55	63.55
DISCCART	733621.38	4052606.50	63.48	63.48
DISCCART	733621.38	4052631.50	63.44	63.44
DISCCART	733621.38	4052656.50	63.34	63.34
DISCCART	733621.38	4052681.50	63.30	63.30
DISCCART	733621.38	4052706.50	63.24	63.24
DISCCART	733621.38	4052731.50	63.16	63.16
DISCCART	733621.38	4052756.50	63.13	63.13
DISCCART	733621.38	4052781.50	63.04	63.04
DISCCART	733621.38	4052806.50	62.95	62.95
DISCCART	733621.38	4052831.50	62.93	62.93
DISCCART	733621.38	4052856.50	62.84	62.84
DISCCART	733621.38	4052881.50	62.80	62.80
DISCCART	733621.38	4052906.50	62.74	62.74
DISCCART	733621.38	4052931.50	62.66	62.66
DISCCART	733621.38	4052956.50	62.64	62.64
DISCCART	733621.38	4052981.50	62.55	62.55
DISCCART	733621.38	4053006.50	62.54	62.54
DISCCART	733621.38	4053031.50	62.44	62.44
DISCCART	733621.38	4053056.50	62.43	62.43
DISCCART	733621.38	4053081.50	62.34	62.34
DISCCART	733621.38	4053106.50	62.34	62.34
DISCCART	733621.38	4053131.50	62.26	62.26
DISCCART	733621.38	4053156.50	62.24	62.24
DISCCART	733621.38	4053181.50	62.16	62.16
DISCCART	733621.38	4053206.50	62.14	62.14
DISCCART	733621.38	4053231.50	62.10	62.10
DISCCART	733621.38	4053256.50	62.04	62.04
DISCCART	733621.38	4053281.50	62.04	62.04
DISCCART	733621.38	4053306.50	61.95	61.95
DISCCART	733621.38	4053331.50	61.94	61.94
DISCCART	733621.38	4053356.50	61.87	61.87
DISCCART	733621.38	4053381.50	61.84	61.84
DISCCART	733621.38	4053406.50	61.83	61.83
DISCCART	733621.38	4053431.50	61.74	61.74
DISCCART	733621.38	4053456.50	61.74	61.74
DISCCART	733621.38	4053481.50	61.68	61.68
DISCCART	733621.38	4053506.50	61.64	61.64
DISCCART	733621.38	4053531.50	61.64	61.64
DISCCART	733621.38	4053556.50	61.58	61.58
DISCCART	733621.38	4053581.50	61.54	61.54
DISCCART	733621.38	4053606.50	61.54	61.54
DISCCART	733621.38	4053631.50	61.45	61.45
DISCCART	733621.38	4053656.50	61.44	61.44
DISCCART	733621.38	4053681.50	61.44	61.44
DISCCART	733621.38	4053706.50	61.37	61.37
DISCCART	733621.38	4053731.50	61.34	61.34
DISCCART	733621.38	4053756.50	61.34	61.34
DISCCART	733621.38	4053781.50	61.29	61.29

DISCCART	733621.38	4053806.50	61.28	61.28
DISCCART	733621.38	4053831.50	61.24	61.24
DISCCART	733621.38	4053856.50	61.24	61.24
DISCCART	733621.38	4053881.50	61.16	61.16
DISCCART	733621.38	4053906.50	61.14	61.14
DISCCART	733621.38	4053931.50	61.12	61.12
DISCCART	733621.38	4053956.50	61.14	61.14
DISCCART	733621.38	4053981.50	61.10	61.10
DISCCART	733621.38	4054006.50	61.05	61.05
DISCCART	733621.38	4054031.50	61.04	61.04
DISCCART	733621.38	4054056.50	60.95	60.95
DISCCART	733621.38	4054081.50	60.99	60.99
DISCCART	733621.38	4054106.50	60.94	60.94
DISCCART	733621.38	4054131.50	60.94	60.94
DISCCART	733621.38	4054156.50	60.94	60.94
DISCCART	733621.38	4054181.50	60.88	60.88
DISCCART	733621.38	4054206.50	60.84	60.84
DISCCART	733621.38	4054231.50	60.84	60.84
DISCCART	733621.38	4054256.50	60.84	60.84
DISCCART	733621.38	4054281.50	60.78	60.78
DISCCART	733621.38	4054306.50	60.75	60.75
DISCCART	733621.38	4054331.50	60.74	60.74
DISCCART	733621.38	4054356.50	60.74	60.74
DISCCART	733621.38	4054381.50	60.74	60.74
DISCCART	733621.38	4054406.50	60.67	60.67
DISCCART	733621.38	4054431.50	60.64	60.64
DISCCART	733621.38	4054456.50	60.64	60.64
DISCCART	733621.38	4054481.50	60.64	60.64
DISCCART	733621.38	4054506.50	60.64	60.64
DISCCART	733621.38	4054531.50	60.60	60.60
DISCCART	733621.38	4054556.50	60.54	60.54
DISCCART	733621.38	4054581.50	60.54	60.54
DISCCART	733621.38	4054606.50	60.54	60.54
DISCCART	733621.38	4054631.50	60.54	60.54
DISCCART	733621.38	4054656.50	60.54	60.54
DISCCART	733621.38	4054681.50	60.53	60.53
DISCCART	733621.38	4054706.50	60.47	60.47
DISCCART	733621.38	4054731.50	60.44	60.44
DISCCART	733621.38	4054756.50	60.44	60.44
DISCCART	733621.38	4054781.50	60.44	60.44
DISCCART	733621.38	4054806.50	60.44	60.44
DISCCART	733621.38	4054831.50	60.44	60.44
DISCCART	733621.38	4054856.50	60.38	60.38
DISCCART	733621.38	4054881.50	60.36	60.36
DISCCART	733621.38	4054906.50	60.34	60.34
DISCCART	733621.38	4054931.50	60.34	60.34
DISCCART	733621.38	4054956.50	60.34	60.34
DISCCART	733621.38	4054981.50	60.34	60.34
DISCCART	733621.38	4055006.50	60.34	60.34
DISCCART	733621.38	4055031.50	60.31	60.31
DISCCART	733621.38	4055056.50	60.29	60.29
DISCCART	733621.38	4055081.50	60.24	60.24
DISCCART	733621.38	4055106.50	60.24	60.24
DISCCART	733621.38	4055131.50	60.24	60.24
DISCCART	733621.38	4055156.50	60.24	60.24
DISCCART	733621.38	4055181.50	60.24	60.24
DISCCART	733621.38	4055206.50	60.24	60.24
DISCCART	733621.38	4055231.50	60.25	60.25
DISCCART	733621.38	4055256.50	60.18	60.18
DISCCART	733621.38	4055281.50	60.18	60.18
DISCCART	733621.38	4055306.50	60.19	60.19
DISCCART	733621.38	4055331.50	60.18	60.18
DISCCART	733646.38	4052331.50	64.28	64.28
DISCCART	733646.38	4052356.50	64.20	64.20
DISCCART	733646.38	4052381.50	64.12	64.12
DISCCART	733646.38	4052406.50	64.04	64.04
DISCCART	733646.38	4052431.50	63.95	63.95
DISCCART	733646.38	4052456.50	63.86	63.86
DISCCART	733646.38	4052481.50	63.82	63.82
DISCCART	733646.38	4052506.50	63.74	63.74
DISCCART	733646.38	4052531.50	63.64	63.64
DISCCART	733646.38	4052556.50	63.60	63.60
DISCCART	733646.38	4052581.50	63.54	63.54
DISCCART	733646.38	4052606.50	63.44	63.44
DISCCART	733646.38	4052631.50	63.36	63.36
DISCCART	733646.38	4052656.50	63.31	63.31
DISCCART	733646.38	4052681.50	63.24	63.24
DISCCART	733646.38	4052706.50	63.20	63.20
DISCCART	733646.38	4052731.50	63.14	63.14
DISCCART	733646.38	4052756.50	63.05	63.05
DISCCART	733646.38	4052781.50	63.02	63.02
DISCCART	733646.38	4052806.50	62.94	62.94
DISCCART	733646.38	4052831.50	62.88	62.88
DISCCART	733646.38	4052856.50	62.84	62.84
DISCCART	733646.38	4052881.50	62.74	62.74
DISCCART	733646.38	4052906.50	62.71	62.71
DISCCART	733646.38	4052931.50	62.64	62.64
DISCCART	733646.38	4052956.50	62.59	62.59
DISCCART	733646.38	4052981.50	62.54	62.54
DISCCART	733646.38	4053006.50	62.45	62.45
DISCCART	733646.38	4053031.50	62.44	62.44
DISCCART	733646.38	4053056.50	62.35	62.35
DISCCART	733646.38	4053081.50	62.34	62.34
DISCCART	733646.38	4053106.50	62.25	62.25
DISCCART	733646.38	4053131.50	62.24	62.24
DISCCART	733646.38	4053156.50	62.15	62.15
DISCCART	733646.38	4053181.50	62.14	62.14
DISCCART	733646.38	4053206.50	62.10	62.10
DISCCART	733646.38	4053231.50	62.04	62.04
DISCCART	733646.38	4053256.50	62.04	62.04
DISCCART	733646.38	4053281.50	61.94	61.94
DISCCART	733646.38	4053306.50	61.94	61.94
DISCCART	733646.38	4053331.50	61.87	61.87
DISCCART	733646.38	4053356.50	61.84	61.84
DISCCART	733646.38	4053381.50	61.83	61.83
DISCCART	733646.38	4053406.50	61.74	61.74
DISCCART	733646.38	4053431.50	61.74	61.74
DISCCART	733646.38	4053456.50	61.71	61.71
DISCCART	733646.38	4053481.50	61.64	61.64
DISCCART	733646.38	4053506.50	61.64	61.64
DISCCART	733646.38	4053531.50	61.55	61.55
DISCCART	733646.38	4053556.50	61.54	61.54
DISCCART	733646.38	4053581.50	61.54	61.54
DISCCART	733646.38	4053606.50	61.46	61.46
DISCCART	733646.38	4053631.50	61.44	61.44
DISCCART	733646.38	4053656.50	61.44	61.44
DISCCART	733646.38	4053681.50	61.37	61.37

DISCCART	733646.38	4053706.50	61.34	61.34
DISCCART	733646.38	4053731.50	61.34	61.34
DISCCART	733646.38	4053756.50	61.24	61.24
DISCCART	733646.38	4053781.50	61.24	61.24
DISCCART	733646.38	4053806.50	61.24	61.24
DISCCART	733646.38	4053831.50	61.24	61.24
DISCCART	733646.38	4053856.50	61.15	61.15
DISCCART	733646.38	4053881.50	61.14	61.14
DISCCART	733646.38	4053906.50	61.09	61.09
DISCCART	733646.38	4053931.50	61.05	61.05
DISCCART	733646.38	4053956.50	61.07	61.07
DISCCART	733646.38	4053981.50	61.04	61.04
DISCCART	733646.38	4054006.50	61.04	61.04
DISCCART	733646.38	4054031.50	61.03	61.03
DISCCART	733646.38	4054056.50	60.85	60.85
DISCCART	733646.38	4054081.50	60.94	60.94
DISCCART	733646.38	4054106.50	60.94	60.94
DISCCART	733646.38	4054131.50	60.93	60.93
DISCCART	733646.38	4054156.50	60.85	60.85
DISCCART	733646.38	4054181.50	60.82	60.82
DISCCART	733646.38	4054206.50	60.76	60.76
DISCCART	733646.38	4054231.50	60.76	60.76
DISCCART	733646.38	4054256.50	60.74	60.74
DISCCART	733646.38	4054281.50	60.74	60.74
DISCCART	733646.38	4054306.50	60.74	60.74
DISCCART	733646.38	4054331.50	60.73	60.73
DISCCART	733646.38	4054356.50	60.65	60.65
DISCCART	733646.38	4054381.50	60.64	60.64
DISCCART	733646.38	4054406.50	60.64	60.64
DISCCART	733646.38	4054431.50	60.64	60.64
DISCCART	733646.38	4054456.50	60.64	60.64
DISCCART	733646.38	4054481.50	60.62	60.62
DISCCART	733646.38	4054506.50	60.56	60.56
DISCCART	733646.38	4054531.50	60.54	60.54
DISCCART	733646.38	4054556.50	60.54	60.54
DISCCART	733646.38	4054581.50	60.54	60.54
DISCCART	733646.38	4054606.50	60.54	60.54
DISCCART	733646.38	4054631.50	60.52	60.52
DISCCART	733646.38	4054656.50	60.44	60.44
DISCCART	733646.38	4054681.50	60.44	60.44
DISCCART	733646.38	4054706.50	60.44	60.44
DISCCART	733646.38	4054731.50	60.44	60.44
DISCCART	733646.38	4054756.50	60.44	60.44
DISCCART	733646.38	4054781.50	60.42	60.42
DISCCART	733646.38	4054806.50	60.40	60.40
DISCCART	733646.38	4054831.50	60.34	60.34
DISCCART	733646.38	4054856.50	60.34	60.34
DISCCART	733646.38	4054881.50	60.34	60.34
DISCCART	733646.38	4054906.50	60.34	60.34
DISCCART	733646.38	4054931.50	60.34	60.34
DISCCART	733646.38	4054956.50	60.33	60.33
DISCCART	733646.38	4054981.50	60.24	60.24
DISCCART	733646.38	4055006.50	60.24	60.24
DISCCART	733646.38	4055031.50	60.24	60.24
DISCCART	733646.38	4055056.50	60.24	60.24
DISCCART	733646.38	4055081.50	60.24	60.24
DISCCART	733646.38	4055106.50	60.24	60.24
DISCCART	733646.38	4055131.50	60.22	60.22
DISCCART	733646.38	4055156.50	60.20	60.20
DISCCART	733646.38	4055181.50	60.16	60.16
DISCCART	733646.38	4055206.50	60.14	60.14
DISCCART	733646.38	4055231.50	60.14	60.14
DISCCART	733646.38	4055256.50	60.14	60.14
DISCCART	733646.38	4055281.50	60.14	60.14
DISCCART	733646.38	4055306.50	60.14	60.14
DISCCART	733646.38	4055331.50	60.14	60.14
DISCCART	733671.38	4052331.50	64.26	64.26
DISCCART	733671.38	4052356.50	64.18	64.18
DISCCART	733671.38	4052381.50	64.09	64.09
DISCCART	733671.38	4052406.50	63.97	63.97
DISCCART	733671.38	4052431.50	63.93	63.93
DISCCART	733671.38	4052456.50	63.84	63.84
DISCCART	733671.38	4052481.50	63.75	63.75
DISCCART	733671.38	4052506.50	63.70	63.70
DISCCART	733671.38	4052531.50	63.64	63.64
DISCCART	733671.38	4052556.50	63.55	63.55
DISCCART	733671.38	4052581.50	63.46	63.46
DISCCART	733671.38	4052606.50	63.42	63.42
DISCCART	733671.38	4052631.50	63.34	63.34
DISCCART	733671.38	4052656.50	63.24	63.24
DISCCART	733671.38	4052681.50	63.23	63.23
DISCCART	733671.38	4052706.50	63.14	63.14
DISCCART	733671.38	4052731.50	63.09	63.09
DISCCART	733671.38	4052756.50	63.04	63.04
DISCCART	733671.38	4052781.50	62.96	62.96
DISCCART	733671.38	4052806.50	62.92	62.92
DISCCART	733671.38	4052831.50	62.84	62.84
DISCCART	733671.38	4052856.50	62.80	62.80
DISCCART	733671.38	4052881.50	62.74	62.74
DISCCART	733671.38	4052906.50	62.65	62.65
DISCCART	733671.38	4052931.50	62.64	62.64
DISCCART	733671.38	4052956.50	62.54	62.54
DISCCART	733671.38	4052981.50	62.46	62.46
DISCCART	733671.38	4053006.50	62.44	62.44
DISCCART	733671.38	4053031.50	62.36	62.36
DISCCART	733671.38	4053056.50	62.34	62.34
DISCCART	733671.38	4053081.50	62.26	62.26
DISCCART	733671.38	4053106.50	62.24	62.24
DISCCART	733671.38	4053131.50	62.19	62.19
DISCCART	733671.38	4053156.50	62.14	62.14
DISCCART	733671.38	4053181.50	62.10	62.10
DISCCART	733671.38	4053206.50	62.04	62.04
DISCCART	733671.38	4053231.50	62.04	62.04
DISCCART	733671.38	4053256.50	61.95	61.95
DISCCART	733671.38	4053281.50	61.94	61.94
DISCCART	733671.38	4053306.50	61.87	61.87
DISCCART	733671.38	4053331.50	61.84	61.84
DISCCART	733671.38	4053356.50	61.83	61.83
DISCCART	733671.38	4053381.50	61.74	61.74
DISCCART	733671.38	4053406.50	61.74	61.74
DISCCART	733671.38	4053431.50	61.70	61.70
DISCCART	733671.38	4053456.50	61.64	61.64
DISCCART	733671.38	4053481.50	61.64	61.64
DISCCART	733671.38	4053506.50	61.55	61.55
DISCCART	733671.38	4053531.50	61.54	61.54
DISCCART	733671.38	4053556.50	61.52	61.52
DISCCART	733671.38	4053581.50	61.44	61.44

DISCCART	733671.38	4053606.50	61.44	61.44
DISCCART	733671.38	4053631.50	61.44	61.44
DISCCART	733671.38	4053656.50	61.37	61.37
DISCCART	733671.38	4053681.50	61.34	61.34
DISCCART	733671.38	4053706.50	61.34	61.34
DISCCART	733671.38	4053731.50	61.25	61.25
DISCCART	733671.38	4053756.50	61.24	61.24
DISCCART	733671.38	4053781.50	61.24	61.24
DISCCART	733671.38	4053806.50	61.14	61.14
DISCCART	733671.38	4053831.50	61.14	61.14
DISCCART	733671.38	4053856.50	61.14	61.14
DISCCART	733671.38	4053881.50	61.13	61.13
DISCCART	733671.38	4053906.50	61.04	61.04
DISCCART	733671.38	4053931.50	60.98	60.98
DISCCART	733671.38	4053956.50	61.00	61.00
DISCCART	733671.38	4053981.50	61.04	61.04
DISCCART	733671.38	4054006.50	60.99	60.99
DISCCART	733671.38	4054031.50	60.94	60.94
DISCCART	733671.38	4054056.50	60.85	60.85
DISCCART	733671.38	4054081.50	60.94	60.94
DISCCART	733671.38	4054106.50	60.88	60.88
DISCCART	733671.38	4054131.50	60.84	60.84
DISCCART	733671.38	4054156.50	60.84	60.84
DISCCART	733671.38	4054181.50	60.74	60.74
DISCCART	733671.38	4054206.50	60.74	60.74
DISCCART	733671.38	4054231.50	60.74	60.74
DISCCART	733671.38	4054256.50	60.74	60.74
DISCCART	733671.38	4054281.50	60.74	60.74
DISCCART	733671.38	4054306.50	60.67	60.67
DISCCART	733671.38	4054331.50	60.64	60.64
DISCCART	733671.38	4054356.50	60.64	60.64
DISCCART	733671.38	4054381.50	60.64	60.64
DISCCART	733671.38	4054406.50	60.64	60.64
DISCCART	733671.38	4054431.50	60.60	60.60
DISCCART	733671.38	4054456.50	60.54	60.54
DISCCART	733671.38	4054481.50	60.54	60.54
DISCCART	733671.38	4054506.50	60.54	60.54
DISCCART	733671.38	4054531.50	60.54	60.54
DISCCART	733671.38	4054556.50	60.53	60.53
DISCCART	733671.38	4054581.50	60.48	60.48
DISCCART	733671.38	4054606.50	60.44	60.44
DISCCART	733671.38	4054631.50	60.44	60.44
DISCCART	733671.38	4054656.50	60.44	60.44
DISCCART	733671.38	4054681.50	60.44	60.44
DISCCART	733671.38	4054706.50	60.44	60.44
DISCCART	733671.38	4054731.50	60.40	60.40
DISCCART	733671.38	4054756.50	60.34	60.34
DISCCART	733671.38	4054781.50	60.34	60.34
DISCCART	733671.38	4054806.50	60.34	60.34
DISCCART	733671.38	4054831.50	60.34	60.34
DISCCART	733671.38	4054856.50	60.34	60.34
DISCCART	733671.38	4054881.50	60.34	60.34
DISCCART	733671.38	4054906.50	60.27	60.27
DISCCART	733671.38	4054931.50	60.24	60.24
DISCCART	733671.38	4054956.50	60.24	60.24
DISCCART	733671.38	4054981.50	60.24	60.24
DISCCART	733671.38	4055006.50	60.24	60.24
DISCCART	733671.38	4055031.50	60.24	60.24
DISCCART	733671.38	4055056.50	60.24	60.24
DISCCART	733671.38	4055081.50	60.19	60.19
DISCCART	733671.38	4055106.50	60.15	60.15
DISCCART	733671.38	4055131.50	60.14	60.14
DISCCART	733671.38	4055156.50	60.14	60.14
DISCCART	733671.38	4055181.50	60.14	60.14
DISCCART	733671.38	4055206.50	60.14	60.14
DISCCART	733671.38	4055231.50	60.14	60.14
DISCCART	733671.38	4055256.50	60.14	60.14
DISCCART	733671.38	4055281.50	60.14	60.14
DISCCART	733671.38	4055306.50	60.13	60.13
DISCCART	733671.38	4055331.50	60.12	60.12
DISCCART	733696.38	4052331.50	64.19	64.19
DISCCART	733696.38	4052356.50	64.14	64.14
DISCCART	733696.38	4052381.50	64.05	64.05
DISCCART	733696.38	4052406.50	63.95	63.95
DISCCART	733696.38	4052431.50	63.88	63.88
DISCCART	733696.38	4052456.50	63.80	63.80
DISCCART	733696.38	4052481.50	63.74	63.74
DISCCART	733696.38	4052506.50	63.65	63.65
DISCCART	733696.38	4052531.50	63.56	63.56
DISCCART	733696.38	4052556.50	63.51	63.51
DISCCART	733696.38	4052581.50	63.44	63.44
DISCCART	733696.38	4052606.50	63.34	63.34
DISCCART	733696.38	4052631.50	63.28	63.28
DISCCART	733696.38	4052656.50	63.24	63.24
DISCCART	733696.38	4052681.50	63.15	63.15
DISCCART	733696.38	4052706.50	63.12	63.12
DISCCART	733696.38	4052731.50	63.04	63.04
DISCCART	733696.38	4052756.50	62.96	62.96
DISCCART	733696.38	4052781.50	62.94	62.94
DISCCART	733696.38	4052806.50	62.85	62.85
DISCCART	733696.38	4052831.50	62.83	62.83
DISCCART	733696.38	4052856.50	62.74	62.74
DISCCART	733696.38	4052881.50	62.73	62.73
DISCCART	733696.38	4052906.50	62.64	62.64
DISCCART	733696.38	4052931.50	62.54	62.54
DISCCART	733696.38	4052956.50	62.52	62.52
DISCCART	733696.38	4052981.50	62.44	62.44
DISCCART	733696.38	4053006.50	62.41	62.41
DISCCART	733696.38	4053031.50	62.34	62.34
DISCCART	733696.38	4053056.50	62.31	62.31
DISCCART	733696.38	4053081.50	62.24	62.24
DISCCART	733696.38	4053106.50	62.20	62.20
DISCCART	733696.38	4053131.50	62.14	62.14
DISCCART	733696.38	4053156.50	62.10	62.10
DISCCART	733696.38	4053181.50	62.04	62.04
DISCCART	733696.38	4053206.50	62.04	62.04
DISCCART	733696.38	4053231.50	61.94	61.94
DISCCART	733696.38	4053256.50	61.94	61.94
DISCCART	733696.38	4053281.50	61.86	61.86
DISCCART	733696.38	4053306.50	61.84	61.84
DISCCART	733696.38	4053331.50	61.82	61.82
DISCCART	733696.38	4053356.50	61.74	61.74
DISCCART	733696.38	4053381.50	61.74	61.74
DISCCART	733696.38	4053406.50	61.71	61.71
DISCCART	733696.38	4053431.50	61.64	61.64
DISCCART	733696.38	4053456.50	61.64	61.64
DISCCART	733696.38	4053481.50	61.58	61.58

DISCCART	733696.38	4053506.50	61.54	61.54
DISCCART	733696.38	4053531.50	61.54	61.54
DISCCART	733696.38	4053556.50	61.45	61.45
DISCCART	733696.38	4053581.50	61.44	61.44
DISCCART	733696.38	4053606.50	61.40	61.40
DISCCART	733696.38	4053631.50	61.36	61.36
DISCCART	733696.38	4053656.50	61.34	61.34
DISCCART	733696.38	4053681.50	61.34	61.34
DISCCART	733696.38	4053706.50	61.31	61.31
DISCCART	733696.38	4053731.50	61.24	61.24
DISCCART	733696.38	4053756.50	61.24	61.24
DISCCART	733696.38	4053781.50	61.18	61.18
DISCCART	733696.38	4053806.50	61.14	61.14
DISCCART	733696.38	4053831.50	61.09	61.09
DISCCART	733696.38	4053856.50	61.08	61.08
DISCCART	733696.38	4053881.50	61.07	61.07
DISCCART	733696.38	4053906.50	61.03	61.03
DISCCART	733696.38	4053931.50	60.94	60.94
DISCCART	733696.38	4053956.50	60.90	60.90
DISCCART	733696.38	4053981.50	60.95	60.95
DISCCART	733696.38	4054006.50	60.94	60.94
DISCCART	733696.38	4054031.50	60.94	60.94
DISCCART	733696.38	4054056.50	60.75	60.75
DISCCART	733696.38	4054081.50	60.84	60.84
DISCCART	733696.38	4054106.50	60.84	60.84
DISCCART	733696.38	4054131.50	60.84	60.84
DISCCART	733696.38	4054156.50	60.80	60.80
DISCCART	733696.38	4054181.50	60.74	60.74
DISCCART	733696.38	4054206.50	60.74	60.74
DISCCART	733696.38	4054231.50	60.74	60.74
DISCCART	733696.38	4054256.50	60.74	60.74
DISCCART	733696.38	4054281.50	60.65	60.65
DISCCART	733696.38	4054306.50	60.64	60.64
DISCCART	733696.38	4054331.50	60.64	60.64
DISCCART	733696.38	4054356.50	60.64	60.64
DISCCART	733696.38	4054381.50	60.63	60.63
DISCCART	733696.38	4054406.50	60.55	60.55
DISCCART	733696.38	4054431.50	60.54	60.54
DISCCART	733696.38	4054456.50	60.54	60.54
DISCCART	733696.38	4054481.50	60.54	60.54
DISCCART	733696.38	4054506.50	60.51	60.51
DISCCART	733696.38	4054531.50	60.46	60.46
DISCCART	733696.38	4054556.50	60.44	60.44
DISCCART	733696.38	4054581.50	60.44	60.44
DISCCART	733696.38	4054606.50	60.44	60.44
DISCCART	733696.38	4054631.50	60.44	60.44
DISCCART	733696.38	4054656.50	60.43	60.43
DISCCART	733696.38	4054681.50	60.35	60.35
DISCCART	733696.38	4054706.50	60.34	60.34
DISCCART	733696.38	4054731.50	60.34	60.34
DISCCART	733696.38	4054756.50	60.34	60.34
DISCCART	733696.38	4054781.50	60.34	60.34
DISCCART	733696.38	4054806.50	60.34	60.34
DISCCART	733696.38	4054831.50	60.32	60.32
DISCCART	733696.38	4054856.50	60.26	60.26
DISCCART	733696.38	4054881.50	60.24	60.24
DISCCART	733696.38	4054906.50	60.24	60.24
DISCCART	733696.38	4054931.50	60.24	60.24
DISCCART	733696.38	4054956.50	60.24	60.24
DISCCART	733696.38	4054981.50	60.23	60.23
DISCCART	733696.38	4055006.50	60.16	60.16
DISCCART	733696.38	4055031.50	60.15	60.15
DISCCART	733696.38	4055056.50	60.14	60.14
DISCCART	733696.38	4055081.50	60.14	60.14
DISCCART	733696.38	4055106.50	60.14	60.14
DISCCART	733696.38	4055131.50	60.14	60.14
DISCCART	733696.38	4055156.50	60.14	60.14
DISCCART	733696.38	4055181.50	60.12	60.12
DISCCART	733696.38	4055206.50	60.11	60.11
DISCCART	733696.38	4055231.50	60.05	60.05
DISCCART	733696.38	4055256.50	60.04	60.04
DISCCART	733696.38	4055281.50	60.04	60.04
DISCCART	733696.38	4055306.50	60.04	60.04
DISCCART	733696.38	4055331.50	60.04	60.04
DISCCART	733721.38	4052331.50	64.18	64.18
DISCCART	733721.38	4052356.50	64.05	64.05
DISCCART	733721.38	4052381.50	63.98	63.98
DISCCART	733721.38	4052406.50	63.92	63.92
DISCCART	733721.38	4052431.50	63.84	63.84
DISCCART	733721.38	4052456.50	63.76	63.76
DISCCART	733721.38	4052481.50	63.66	63.66
DISCCART	733721.38	4052506.50	63.62	63.62
DISCCART	733721.38	4052531.50	63.54	63.54
DISCCART	733721.38	4052556.50	63.44	63.44
DISCCART	733721.38	4052581.50	63.40	63.40
DISCCART	733721.38	4052606.50	63.34	63.34
DISCCART	733721.38	4052631.50	63.24	63.24
DISCCART	733721.38	4052656.50	63.22	63.22
DISCCART	733721.38	4052681.50	63.14	63.14
DISCCART	733721.38	4052706.50	63.05	63.05
DISCCART	733721.38	4052731.50	63.03	63.03
DISCCART	733721.38	4052756.50	62.94	62.94
DISCCART	733721.38	4052781.50	62.88	62.88
DISCCART	733721.38	4052806.50	62.84	62.84
DISCCART	733721.38	4052831.50	62.75	62.75
DISCCART	733721.38	4052856.50	62.72	62.72
DISCCART	733721.38	4052881.50	62.64	62.64
DISCCART	733721.38	4052906.50	62.58	62.58
DISCCART	733721.38	4052931.50	62.54	62.54
DISCCART	733721.38	4052956.50	62.44	62.44
DISCCART	733721.38	4052981.50	62.44	62.44
DISCCART	733721.38	4053006.50	62.34	62.34
DISCCART	733721.38	4053031.50	62.33	62.33
DISCCART	733721.38	4053056.50	62.24	62.24
DISCCART	733721.38	4053081.50	62.20	62.20
DISCCART	733721.38	4053106.50	62.14	62.14
DISCCART	733721.38	4053131.50	62.10	62.10
DISCCART	733721.38	4053156.50	62.04	62.04
DISCCART	733721.38	4053181.50	62.04	62.04
DISCCART	733721.38	4053206.50	61.95	61.95
DISCCART	733721.38	4053231.50	61.94	61.94
DISCCART	733721.38	4053256.50	61.84	61.84
DISCCART	733721.38	4053281.50	61.84	61.84
DISCCART	733721.38	4053306.50	61.78	61.78
DISCCART	733721.38	4053331.50	61.74	61.74
DISCCART	733721.38	4053356.50	61.74	61.74
DISCCART	733721.38	4053381.50	61.70	61.70

DISCCART	733721.38	4053406.50	61.64	61.64
DISCCART	733721.38	4053431.50	61.64	61.64
DISCCART	733721.38	4053456.50	61.57	61.57
DISCCART	733721.38	4053481.50	61.54	61.54
DISCCART	733721.38	4053506.50	61.54	61.54
DISCCART	733721.38	4053531.50	61.45	61.45
DISCCART	733721.38	4053556.50	61.44	61.44
DISCCART	733721.38	4053581.50	61.44	61.44
DISCCART	733721.38	4053606.50	61.34	61.34
DISCCART	733721.38	4053631.50	61.34	61.34
DISCCART	733721.38	4053656.50	61.27	61.27
DISCCART	733721.38	4053681.50	61.25	61.25
DISCCART	733721.38	4053706.50	61.24	61.24
DISCCART	733721.38	4053731.50	61.24	61.24
DISCCART	733721.38	4053756.50	61.17	61.17
DISCCART	733721.38	4053781.50	61.14	61.14
DISCCART	733721.38	4053806.50	61.13	61.13
DISCCART	733721.38	4053831.50	61.04	61.04
DISCCART	733721.38	4053856.50	61.02	61.02
DISCCART	733721.38	4053881.50	60.97	60.97
DISCCART	733721.38	4053906.50	60.98	60.98
DISCCART	733721.38	4053931.50	60.94	60.94
DISCCART	733721.38	4053956.50	60.84	60.84
DISCCART	733721.38	4053981.50	60.93	60.93
DISCCART	733721.38	4054006.50	60.94	60.94
DISCCART	733721.38	4054031.50	60.85	60.85
DISCCART	733721.38	4054056.50	60.74	60.74
DISCCART	733721.38	4054081.50	60.84	60.84
DISCCART	733721.38	4054106.50	60.84	60.84
DISCCART	733721.38	4054131.50	60.78	60.78
DISCCART	733721.38	4054156.50	60.69	60.69
DISCCART	733721.38	4054181.50	60.74	60.74
DISCCART	733721.38	4054206.50	60.72	60.72
DISCCART	733721.38	4054231.50	60.68	60.68
DISCCART	733721.38	4054256.50	60.64	60.64
DISCCART	733721.38	4054281.50	60.64	60.64
DISCCART	733721.38	4054306.50	60.64	60.64
DISCCART	733721.38	4054331.50	60.64	60.64
DISCCART	733721.38	4054356.50	60.57	60.57
DISCCART	733721.38	4054381.50	60.54	60.54
DISCCART	733721.38	4054406.50	60.54	60.54
DISCCART	733721.38	4054431.50	60.54	60.54
DISCCART	733721.38	4054456.50	60.53	60.53
DISCCART	733721.38	4054481.50	60.46	60.46
DISCCART	733721.38	4054506.50	60.44	60.44
DISCCART	733721.38	4054531.50	60.44	60.44
DISCCART	733721.38	4054556.50	60.44	60.44
DISCCART	733721.38	4054581.50	60.44	60.44
DISCCART	733721.38	4054606.50	60.38	60.38
DISCCART	733721.38	4054631.50	60.34	60.34
DISCCART	733721.38	4054656.50	60.34	60.34
DISCCART	733721.38	4054681.50	60.34	60.34
DISCCART	733721.38	4054706.50	60.34	60.34
DISCCART	733721.38	4054731.50	60.34	60.34
DISCCART	733721.38	4054756.50	60.32	60.32
DISCCART	733721.38	4054781.50	60.28	60.28
DISCCART	733721.38	4054806.50	60.24	60.24
DISCCART	733721.38	4054831.50	60.24	60.24
DISCCART	733721.38	4054856.50	60.24	60.24
DISCCART	733721.38	4054881.50	60.24	60.24
DISCCART	733721.38	4054906.50	60.24	60.24
DISCCART	733721.38	4054931.50	60.18	60.18
DISCCART	733721.38	4054956.50	60.15	60.15
DISCCART	733721.38	4054981.50	60.14	60.14
DISCCART	733721.38	4055006.50	60.14	60.14
DISCCART	733721.38	4055031.50	60.14	60.14
DISCCART	733721.38	4055056.50	60.14	60.14
DISCCART	733721.38	4055081.50	60.14	60.14
DISCCART	733721.38	4055106.50	60.09	60.09
DISCCART	733721.38	4055131.50	60.05	60.05
DISCCART	733721.38	4055156.50	60.04	60.04
DISCCART	733721.38	4055181.50	60.04	60.04
DISCCART	733721.38	4055206.50	60.04	60.04
DISCCART	733721.38	4055231.50	60.04	60.04
DISCCART	733721.38	4055256.50	60.04	60.04
DISCCART	733721.38	4055281.50	60.04	60.04
DISCCART	733721.38	4055306.50	60.04	60.04
DISCCART	733721.38	4055331.50	60.04	60.04
DISCCART	733746.38	4052331.50	64.12	64.12
DISCCART	733746.38	4052356.50	64.04	64.04
DISCCART	733746.38	4052381.50	63.94	63.94
DISCCART	733746.38	4052406.50	63.86	63.86
DISCCART	733746.38	4052431.50	63.78	63.78
DISCCART	733746.38	4052456.50	63.74	63.74
DISCCART	733746.38	4052481.50	63.64	63.64
DISCCART	733746.38	4052506.50	63.55	63.55
DISCCART	733746.38	4052531.50	63.47	63.47
DISCCART	733746.38	4052556.50	63.44	63.44
DISCCART	733746.38	4052581.50	63.34	63.34
DISCCART	733746.38	4052606.50	63.25	63.25
DISCCART	733746.38	4052631.50	63.24	63.24
DISCCART	733746.38	4052656.50	63.14	63.14
DISCCART	733746.38	4052681.50	63.09	63.09
DISCCART	733746.38	4052706.50	63.04	63.04
DISCCART	733746.38	4052731.50	62.95	62.95
DISCCART	733746.38	4052756.50	62.94	62.94
DISCCART	733746.38	4052781.50	62.84	62.84
DISCCART	733746.38	4052806.50	62.80	62.80
DISCCART	733746.38	4052831.50	62.74	62.74
DISCCART	733746.38	4052856.50	62.65	62.65
DISCCART	733746.38	4052881.50	62.63	62.63
DISCCART	733746.38	4052906.50	62.54	62.54
DISCCART	733746.38	4052931.50	62.47	62.47
DISCCART	733746.38	4052956.50	62.44	62.44
DISCCART	733746.38	4052981.50	62.35	62.35
DISCCART	733746.38	4053006.50	62.34	62.34
DISCCART	733746.38	4053031.50	62.25	62.25
DISCCART	733746.38	4053056.50	62.24	62.24
DISCCART	733746.38	4053081.50	62.14	62.14
DISCCART	733746.38	4053106.50	62.14	62.14
DISCCART	733746.38	4053131.50	62.04	62.04
DISCCART	733746.38	4053156.50	62.04	62.04
DISCCART	733746.38	4053181.50	61.94	61.94
DISCCART	733746.38	4053206.50	61.94	61.94
DISCCART	733746.38	4053231.50	61.84	61.84
DISCCART	733746.38	4053256.50	61.84	61.84
DISCCART	733746.38	4053281.50	61.77	61.77

DISCCART	733746.38	4053306.50	61.74	61.74
DISCCART	733746.38	4053331.50	61.74	61.74
DISCCART	733746.38	4053356.50	61.71	61.71
DISCCART	733746.38	4053381.50	61.64	61.64
DISCCART	733746.38	4053406.50	61.64	61.64
DISCCART	733746.38	4053431.50	61.58	61.58
DISCCART	733746.38	4053456.50	61.54	61.54
DISCCART	733746.38	4053481.50	61.54	61.54
DISCCART	733746.38	4053506.50	61.46	61.46
DISCCART	733746.38	4053531.50	61.44	61.44
DISCCART	733746.38	4053556.50	61.43	61.43
DISCCART	733746.38	4053581.50	61.34	61.34
DISCCART	733746.38	4053606.50	61.34	61.34
DISCCART	733746.38	4053631.50	61.33	61.33
DISCCART	733746.38	4053656.50	61.24	61.24
DISCCART	733746.38	4053681.50	61.24	61.24
DISCCART	733746.38	4053706.50	61.21	61.21
DISCCART	733746.38	4053731.50	61.14	61.14
DISCCART	733746.38	4053756.50	61.14	61.14
DISCCART	733746.38	4053781.50	61.14	61.14
DISCCART	733746.38	4053806.50	61.06	61.06
DISCCART	733746.38	4053831.50	61.04	61.04
DISCCART	733746.38	4053856.50	60.95	60.95
DISCCART	733746.38	4053881.50	60.94	60.94
DISCCART	733746.38	4053906.50	60.88	60.88
DISCCART	733746.38	4053931.50	60.93	60.93
DISCCART	733746.38	4053956.50	60.84	60.84
DISCCART	733746.38	4053981.50	60.74	60.74
DISCCART	733746.38	4054006.50	60.84	60.84
DISCCART	733746.38	4054031.50	60.84	60.84
DISCCART	733746.38	4054056.50	60.74	60.74
DISCCART	733746.38	4054081.50	60.82	60.82
DISCCART	733746.38	4054106.50	60.74	60.74
DISCCART	733746.38	4054131.50	60.69	60.69
DISCCART	733746.38	4054156.50	60.64	60.64
DISCCART	733746.38	4054181.50	60.64	60.64
DISCCART	733746.38	4054206.50	60.64	60.64
DISCCART	733746.38	4054231.50	60.64	60.64
DISCCART	733746.38	4054256.50	60.64	60.64
DISCCART	733746.38	4054281.50	60.63	60.63
DISCCART	733746.38	4054306.50	60.56	60.56
DISCCART	733746.38	4054331.50	60.54	60.54
DISCCART	733746.38	4054356.50	60.54	60.54
DISCCART	733746.38	4054381.50	60.54	60.54
DISCCART	733746.38	4054406.50	60.52	60.52
DISCCART	733746.38	4054431.50	60.45	60.45
DISCCART	733746.38	4054456.50	60.44	60.44
DISCCART	733746.38	4054481.50	60.44	60.44
DISCCART	733746.38	4054506.50	60.44	60.44
DISCCART	733746.38	4054531.50	60.43	60.43
DISCCART	733746.38	4054556.50	60.36	60.36
DISCCART	733746.38	4054581.50	60.34	60.34
DISCCART	733746.38	4054606.50	60.34	60.34
DISCCART	733746.38	4054631.50	60.34	60.34
DISCCART	733746.38	4054656.50	60.34	60.34
DISCCART	733746.38	4054681.50	60.33	60.33
DISCCART	733746.38	4054706.50	60.26	60.26
DISCCART	733746.38	4054731.50	60.24	60.24
DISCCART	733746.38	4054756.50	60.24	60.24
DISCCART	733746.38	4054781.50	60.24	60.24
DISCCART	733746.38	4054806.50	60.24	60.24
DISCCART	733746.38	4054831.50	60.24	60.24
DISCCART	733746.38	4054856.50	60.22	60.22
DISCCART	733746.38	4054881.50	60.15	60.15
DISCCART	733746.38	4054906.50	60.14	60.14
DISCCART	733746.38	4054931.50	60.14	60.14
DISCCART	733746.38	4054956.50	60.14	60.14
DISCCART	733746.38	4054981.50	60.14	60.14
DISCCART	733746.38	4055006.50	60.14	60.14
DISCCART	733746.38	4055031.50	60.12	60.12
DISCCART	733746.38	4055056.50	60.06	60.06
DISCCART	733746.38	4055081.50	60.04	60.04
DISCCART	733746.38	4055106.50	60.04	60.04
DISCCART	733746.38	4055131.50	60.04	60.04
DISCCART	733746.38	4055156.50	60.04	60.04
DISCCART	733746.38	4055181.50	60.04	60.04
DISCCART	733746.38	4055206.50	60.04	60.04
DISCCART	733746.38	4055231.50	60.03	60.03
DISCCART	733746.38	4055256.50	59.97	59.97
DISCCART	733746.38	4055281.50	59.98	59.98
DISCCART	733746.38	4055306.50	59.95	59.95
DISCCART	733746.38	4055331.50	59.95	59.95
DISCCART	733771.38	4052331.50	64.04	64.04
DISCCART	733771.38	4052356.50	63.98	63.98
DISCCART	733771.38	4052381.50	63.93	63.93
DISCCART	733771.38	4052406.50	63.82	63.82
DISCCART	733771.38	4052431.50	63.74	63.74
DISCCART	733771.38	4052456.50	63.67	63.67
DISCCART	733771.38	4052481.50	63.60	63.60
DISCCART	733771.38	4052506.50	63.54	63.54
DISCCART	733771.38	4052531.50	63.44	63.44
DISCCART	733771.38	4052556.50	63.38	63.38
DISCCART	733771.38	4052581.50	63.34	63.34
DISCCART	733771.38	4052606.50	63.24	63.24
DISCCART	733771.38	4052631.50	63.16	63.16
DISCCART	733771.38	4052656.50	63.13	63.13
DISCCART	733771.38	4052681.50	63.04	63.04
DISCCART	733771.38	4052706.50	62.97	62.97
DISCCART	733771.38	4052731.50	62.94	62.94
DISCCART	733771.38	4052756.50	62.85	62.85
DISCCART	733771.38	4052781.50	62.84	62.84
DISCCART	733771.38	4052806.50	62.74	62.74
DISCCART	733771.38	4052831.50	62.66	62.66
DISCCART	733771.38	4052856.50	62.64	62.64
DISCCART	733771.38	4052881.50	62.54	62.54
DISCCART	733771.38	4052906.50	62.48	62.48
DISCCART	733771.38	4052931.50	62.44	62.44
DISCCART	733771.38	4052956.50	62.38	62.38
DISCCART	733771.38	4052981.50	62.34	62.34
DISCCART	733771.38	4053006.50	62.27	62.27
DISCCART	733771.38	4053031.50	62.24	62.24
DISCCART	733771.38	4053056.50	62.17	62.17
DISCCART	733771.38	4053081.50	62.14	62.14
DISCCART	733771.38	4053106.50	62.05	62.05
DISCCART	733771.38	4053131.50	62.04	62.04
DISCCART	733771.38	4053156.50	61.95	61.95
DISCCART	733771.38	4053181.50	61.94	61.94

DISCCART	733771.38	4053206.50	61.84	61.84
DISCCART	733771.38	4053231.50	61.84	61.84
DISCCART	733771.38	4053256.50	61.78	61.78
DISCCART	733771.38	4053281.50	61.74	61.74
DISCCART	733771.38	4053306.50	61.74	61.74
DISCCART	733771.38	4053331.50	61.66	61.66
DISCCART	733771.38	4053356.50	61.64	61.64
DISCCART	733771.38	4053381.50	61.64	61.64
DISCCART	733771.38	4053406.50	61.57	61.57
DISCCART	733771.38	4053431.50	61.54	61.54
DISCCART	733771.38	4053456.50	61.54	61.54
DISCCART	733771.38	4053481.50	61.45	61.45
DISCCART	733771.38	4053506.50	61.44	61.44
DISCCART	733771.38	4053531.50	61.44	61.44
DISCCART	733771.38	4053556.50	61.35	61.35
DISCCART	733771.38	4053581.50	61.34	61.34
DISCCART	733771.38	4053606.50	61.33	61.33
DISCCART	733771.38	4053631.50	61.24	61.24
DISCCART	733771.38	4053656.50	61.24	61.24
DISCCART	733771.38	4053681.50	61.20	61.20
DISCCART	733771.38	4053706.50	61.14	61.14
DISCCART	733771.38	4053731.50	61.14	61.14
DISCCART	733771.38	4053756.50	61.05	61.05
DISCCART	733771.38	4053781.50	61.04	61.04
DISCCART	733771.38	4053806.50	61.01	61.01
DISCCART	733771.38	4053831.50	61.00	61.00
DISCCART	733771.38	4053856.50	60.94	60.94
DISCCART	733771.38	4053881.50	60.87	60.87
DISCCART	733771.38	4053906.50	60.84	60.84
DISCCART	733771.38	4053931.50	60.78	60.78
DISCCART	733771.38	4053956.50	60.81	60.81
DISCCART	733771.38	4053981.50	60.74	60.74
DISCCART	733771.38	4054006.50	60.75	60.75
DISCCART	733771.38	4054031.50	60.84	60.84
DISCCART	733771.38	4054056.50	60.74	60.74
DISCCART	733771.38	4054081.50	60.74	60.74
DISCCART	733771.38	4054106.50	60.74	60.74
DISCCART	733771.38	4054131.50	60.64	60.64
DISCCART	733771.38	4054156.50	60.64	60.64
DISCCART	733771.38	4054181.50	60.64	60.64
DISCCART	733771.38	4054206.50	60.64	60.64
DISCCART	733771.38	4054231.50	60.64	60.64
DISCCART	733771.38	4054256.50	60.57	60.57
DISCCART	733771.38	4054281.50	60.54	60.54
DISCCART	733771.38	4054306.50	60.54	60.54
DISCCART	733771.38	4054331.50	60.54	60.54
DISCCART	733771.38	4054356.50	60.54	60.54
DISCCART	733771.38	4054381.50	60.49	60.49
DISCCART	733771.38	4054406.50	60.44	60.44
DISCCART	733771.38	4054431.50	60.44	60.44
DISCCART	733771.38	4054456.50	60.44	60.44
DISCCART	733771.38	4054481.50	60.43	60.43
DISCCART	733771.38	4054506.50	60.37	60.37
DISCCART	733771.38	4054531.50	60.34	60.34
DISCCART	733771.38	4054556.50	60.34	60.34
DISCCART	733771.38	4054581.50	60.34	60.34
DISCCART	733771.38	4054606.50	60.34	60.34
DISCCART	733771.38	4054631.50	60.29	60.29
DISCCART	733771.38	4054656.50	60.24	60.24
DISCCART	733771.38	4054681.50	60.24	60.24
DISCCART	733771.38	4054706.50	60.24	60.24
DISCCART	733771.38	4054731.50	60.24	60.24
DISCCART	733771.38	4054756.50	60.24	60.24
DISCCART	733771.38	4054781.50	60.24	60.24
DISCCART	733771.38	4054806.50	60.19	60.19
DISCCART	733771.38	4054831.50	60.14	60.14
DISCCART	733771.38	4054856.50	60.14	60.14
DISCCART	733771.38	4054881.50	60.14	60.14
DISCCART	733771.38	4054906.50	60.14	60.14
DISCCART	733771.38	4054931.50	60.14	60.14
DISCCART	733771.38	4054956.50	60.09	60.09
DISCCART	733771.38	4054981.50	60.05	60.05
DISCCART	733771.38	4055006.50	60.04	60.04
DISCCART	733771.38	4055031.50	60.04	60.04
DISCCART	733771.38	4055056.50	60.04	60.04
DISCCART	733771.38	4055081.50	60.04	60.04
DISCCART	733771.38	4055106.50	60.04	60.04
DISCCART	733771.38	4055131.50	60.00	60.00
DISCCART	733771.38	4055156.50	59.98	59.98
DISCCART	733771.38	4055181.50	59.95	59.95
DISCCART	733771.38	4055206.50	59.94	59.94
DISCCART	733771.38	4055231.50	59.94	59.94
DISCCART	733771.38	4055256.50	59.94	59.94
DISCCART	733771.38	4055281.50	59.94	59.94
DISCCART	733771.38	4055306.50	59.94	59.94
DISCCART	733771.38	4055331.50	59.94	59.94
DISCCART	733796.38	4052331.50	64.02	64.02
DISCCART	733796.38	4052356.50	63.94	63.94
DISCCART	733796.38	4052381.50	63.85	63.85
DISCCART	733796.38	4052406.50	63.79	63.79
DISCCART	733796.38	4052431.50	63.73	63.73
DISCCART	733796.38	4052456.50	63.64	63.64
DISCCART	733796.38	4052481.50	63.54	63.54
DISCCART	733796.38	4052506.50	63.51	63.51
DISCCART	733796.38	4052531.50	63.43	63.43
DISCCART	733796.38	4052556.50	63.34	63.34
DISCCART	733796.38	4052581.50	63.25	63.25
DISCCART	733796.38	4052606.50	63.22	63.22
DISCCART	733796.38	4052631.50	63.14	63.14
DISCCART	733796.38	4052656.50	63.06	63.06
DISCCART	733796.38	4052681.50	63.02	63.02
DISCCART	733796.38	4052706.50	62.94	62.94
DISCCART	733796.38	4052731.50	62.87	62.87
DISCCART	733796.38	4052756.50	62.84	62.84
DISCCART	733796.38	4052781.50	62.74	62.74
DISCCART	733796.38	4052806.50	62.70	62.70
DISCCART	733796.38	4052831.50	62.64	62.64
DISCCART	733796.38	4052856.50	62.55	62.55
DISCCART	733796.38	4052881.50	62.53	62.53
DISCCART	733796.38	4052906.50	62.44	62.44
DISCCART	733796.38	4052931.50	62.38	62.38
DISCCART	733796.38	4052956.50	62.34	62.34
DISCCART	733796.38	4052981.50	62.28	62.28
DISCCART	733796.38	4053006.50	62.24	62.24
DISCCART	733796.38	4053031.50	62.18	62.18
DISCCART	733796.38	4053056.50	62.14	62.14
DISCCART	733796.38	4053081.50	62.07	62.07

DISCCART	733796.38	4053106.50	62.04	62.04
DISCCART	733796.38	4053131.50	61.97	61.97
DISCCART	733796.38	4053156.50	61.94	61.94
DISCCART	733796.38	4053181.50	61.87	61.87
DISCCART	733796.38	4053206.50	61.84	61.84
DISCCART	733796.38	4053231.50	61.77	61.77
DISCCART	733796.38	4053256.50	61.74	61.74
DISCCART	733796.38	4053281.50	61.74	61.74
DISCCART	733796.38	4053306.50	61.65	61.65
DISCCART	733796.38	4053331.50	61.64	61.64
DISCCART	733796.38	4053356.50	61.64	61.64
DISCCART	733796.38	4053381.50	61.58	61.58
DISCCART	733796.38	4053406.50	61.54	61.54
DISCCART	733796.38	4053431.50	61.54	61.54
DISCCART	733796.38	4053456.50	61.46	61.46
DISCCART	733796.38	4053481.50	61.44	61.44
DISCCART	733796.38	4053506.50	61.44	61.44
DISCCART	733796.38	4053531.50	61.34	61.34
DISCCART	733796.38	4053556.50	61.34	61.34
DISCCART	733796.38	4053581.50	61.32	61.32
DISCCART	733796.38	4053606.50	61.24	61.24
DISCCART	733796.38	4053631.50	61.24	61.24
DISCCART	733796.38	4053656.50	61.23	61.23
DISCCART	733796.38	4053681.50	61.14	61.14
DISCCART	733796.38	4053706.50	61.14	61.14
DISCCART	733796.38	4053731.50	61.08	61.08
DISCCART	733796.38	4053756.50	61.04	61.04
DISCCART	733796.38	4053781.50	61.02	61.02
DISCCART	733796.38	4053806.50	60.94	60.94
DISCCART	733796.38	4053831.50	60.92	60.92
DISCCART	733796.38	4053856.50	60.91	60.91
DISCCART	733796.38	4053881.50	60.85	60.85
DISCCART	733796.38	4053906.50	60.81	60.81
DISCCART	733796.38	4053931.50	60.74	60.74
DISCCART	733796.38	4053956.50	60.73	60.73
DISCCART	733796.38	4053981.50	60.68	60.68
DISCCART	733796.38	4054006.50	60.65	60.65
DISCCART	733796.38	4054031.50	60.73	60.73
DISCCART	733796.38	4054056.50	60.65	60.65
DISCCART	733796.38	4054081.50	60.74	60.74
DISCCART	733796.38	4054106.50	60.66	60.66
DISCCART	733796.38	4054131.50	60.56	60.56
DISCCART	733796.38	4054156.50	60.64	60.64
DISCCART	733796.38	4054181.50	60.55	60.55
DISCCART	733796.38	4054206.50	60.54	60.54
DISCCART	733796.38	4054231.50	60.54	60.54
DISCCART	733796.38	4054256.50	60.54	60.54
DISCCART	733796.38	4054281.50	60.54	60.54
DISCCART	733796.38	4054306.50	60.54	60.54
DISCCART	733796.38	4054331.50	60.47	60.47
DISCCART	733796.38	4054356.50	60.44	60.44
DISCCART	733796.38	4054381.50	60.44	60.44
DISCCART	733796.38	4054406.50	60.44	60.44
DISCCART	733796.38	4054431.50	60.43	60.43
DISCCART	733796.38	4054456.50	60.36	60.36
DISCCART	733796.38	4054481.50	60.34	60.34
DISCCART	733796.38	4054506.50	60.34	60.34
DISCCART	733796.38	4054531.50	60.34	60.34
DISCCART	733796.38	4054556.50	60.33	60.33
DISCCART	733796.38	4054581.50	60.25	60.25
DISCCART	733796.38	4054606.50	60.24	60.24
DISCCART	733796.38	4054631.50	60.24	60.24
DISCCART	733796.38	4054656.50	60.24	60.24
DISCCART	733796.38	4054681.50	60.24	60.24
DISCCART	733796.38	4054706.50	60.24	60.24
DISCCART	733796.38	4054731.50	60.22	60.22
DISCCART	733796.38	4054756.50	60.16	60.16
DISCCART	733796.38	4054781.50	60.14	60.14
DISCCART	733796.38	4054806.50	60.14	60.14
DISCCART	733796.38	4054831.50	60.14	60.14
DISCCART	733796.38	4054856.50	60.14	60.14
DISCCART	733796.38	4054881.50	60.13	60.13
DISCCART	733796.38	4054906.50	60.06	60.06
DISCCART	733796.38	4054931.50	60.04	60.04
DISCCART	733796.38	4054956.50	60.04	60.04
DISCCART	733796.38	4054981.50	60.04	60.04
DISCCART	733796.38	4055006.50	60.04	60.04
DISCCART	733796.38	4055031.50	60.04	60.04
DISCCART	733796.38	4055056.50	60.02	60.02
DISCCART	733796.38	4055081.50	59.96	59.96
DISCCART	733796.38	4055106.50	59.94	59.94
DISCCART	733796.38	4055131.50	59.94	59.94
DISCCART	733796.38	4055156.50	59.94	59.94
DISCCART	733796.38	4055181.50	59.94	59.94
DISCCART	733796.38	4055206.50	59.94	59.94
DISCCART	733796.38	4055231.50	59.94	59.94
DISCCART	733796.38	4055256.50	59.94	59.94
DISCCART	733796.38	4055281.50	59.94	59.94
DISCCART	733796.38	4055306.50	59.93	59.93
DISCCART	733796.38	4055331.50	59.92	59.92
DISCCART	733821.38	4052331.50	63.96	63.96
DISCCART	733821.38	4052356.50	63.88	63.88
DISCCART	733821.38	4052381.50	63.84	63.84
DISCCART	733821.38	4052406.50	63.74	63.74
DISCCART	733821.38	4052431.50	63.65	63.65
DISCCART	733821.38	4052456.50	63.57	63.57
DISCCART	733821.38	4052481.50	63.55	63.55
DISCCART	733821.38	4052506.50	63.44	63.44
DISCCART	733821.38	4052531.50	63.36	63.36
DISCCART	733821.38	4052556.50	63.32	63.32
DISCCART	733821.38	4052581.50	63.24	63.24
DISCCART	733821.38	4052606.50	63.14	63.14
DISCCART	733821.38	4052631.50	63.10	63.10
DISCCART	733821.38	4052656.50	63.04	63.04
DISCCART	733821.38	4052681.50	62.96	62.96
DISCCART	733821.38	4052706.50	62.92	62.92
DISCCART	733821.38	4052731.50	62.84	62.84
DISCCART	733821.38	4052756.50	62.77	62.77
DISCCART	733821.38	4052781.50	62.74	62.74
DISCCART	733821.38	4052806.50	62.65	62.65
DISCCART	733821.38	4052831.50	62.56	62.56
DISCCART	733821.38	4052856.50	62.54	62.54
DISCCART	733821.38	4052881.50	62.46	62.46
DISCCART	733821.38	4052906.50	62.43	62.43
DISCCART	733821.38	4052931.50	62.34	62.34
DISCCART	733821.38	4052956.50	62.33	62.33
DISCCART	733821.38	4052981.50	62.24	62.24

DISCCART	733821.38	4053006.50	62.22	62.22
DISCCART	733821.38	4053031.50	62.14	62.14
DISCCART	733821.38	4053056.50	62.10	62.10
DISCCART	733821.38	4053081.50	62.04	62.04
DISCCART	733821.38	4053106.50	61.97	61.97
DISCCART	733821.38	4053131.50	61.94	61.94
DISCCART	733821.38	4053156.50	61.87	61.87
DISCCART	733821.38	4053181.50	61.84	61.84
DISCCART	733821.38	4053206.50	61.78	61.78
DISCCART	733821.38	4053231.50	61.74	61.74
DISCCART	733821.38	4053256.50	61.74	61.74
DISCCART	733821.38	4053281.50	61.66	61.66
DISCCART	733821.38	4053306.50	61.64	61.64
DISCCART	733821.38	4053331.50	61.64	61.64
DISCCART	733821.38	4053356.50	61.55	61.55
DISCCART	733821.38	4053381.50	61.54	61.54
DISCCART	733821.38	4053406.50	61.54	61.54
DISCCART	733821.38	4053431.50	61.45	61.45
DISCCART	733821.38	4053456.50	61.44	61.44
DISCCART	733821.38	4053481.50	61.44	61.44
DISCCART	733821.38	4053506.50	61.35	61.35
DISCCART	733821.38	4053531.50	61.34	61.34
DISCCART	733821.38	4053556.50	61.34	61.34
DISCCART	733821.38	4053581.50	61.24	61.24
DISCCART	733821.38	4053606.50	61.24	61.24
DISCCART	733821.38	4053631.50	61.24	61.24
DISCCART	733821.38	4053656.50	61.14	61.14
DISCCART	733821.38	4053681.50	61.14	61.14
DISCCART	733821.38	4053706.50	61.12	61.12
DISCCART	733821.38	4053731.50	61.04	61.04
DISCCART	733821.38	4053756.50	61.04	61.04
DISCCART	733821.38	4053781.50	60.94	60.94
DISCCART	733821.38	4053806.50	60.94	60.94
DISCCART	733821.38	4053831.50	60.85	60.85
DISCCART	733821.38	4053856.50	60.84	60.84
DISCCART	733821.38	4053881.50	60.75	60.75
DISCCART	733821.38	4053906.50	60.77	60.77
DISCCART	733821.38	4053931.50	60.74	60.74
DISCCART	733821.38	4053956.50	60.64	60.64
DISCCART	733821.38	4053981.50	60.60	60.60
DISCCART	733821.38	4054006.50	60.54	60.54
DISCCART	733821.38	4054031.50	60.60	60.60
DISCCART	733821.38	4054056.50	60.54	60.54
DISCCART	733821.38	4054081.50	60.61	60.61
DISCCART	733821.38	4054106.50	60.55	60.55
DISCCART	733821.38	4054131.50	60.54	60.54
DISCCART	733821.38	4054156.50	60.54	60.54
DISCCART	733821.38	4054181.50	60.54	60.54
DISCCART	733821.38	4054206.50	60.54	60.54
DISCCART	733821.38	4054231.50	60.54	60.54
DISCCART	733821.38	4054256.50	60.54	60.54
DISCCART	733821.38	4054281.50	60.50	60.50
DISCCART	733821.38	4054306.50	60.44	60.44
DISCCART	733821.38	4054331.50	60.44	60.44
DISCCART	733821.38	4054356.50	60.44	60.44
DISCCART	733821.38	4054381.50	60.44	60.44
DISCCART	733821.38	4054406.50	60.38	60.38
DISCCART	733821.38	4054431.50	60.34	60.34
DISCCART	733821.38	4054456.50	60.34	60.34
DISCCART	733821.38	4054481.50	60.34	60.34
DISCCART	733821.38	4054506.50	60.32	60.32
DISCCART	733821.38	4054531.50	60.26	60.26
DISCCART	733821.38	4054556.50	60.24	60.24
DISCCART	733821.38	4054581.50	60.24	60.24
DISCCART	733821.38	4054606.50	60.24	60.24
DISCCART	733821.38	4054631.50	60.24	60.24
DISCCART	733821.38	4054656.50	60.19	60.19
DISCCART	733821.38	4054681.50	60.16	60.16
DISCCART	733821.38	4054706.50	60.14	60.14
DISCCART	733821.38	4054731.50	60.14	60.14
DISCCART	733821.38	4054756.50	60.14	60.14
DISCCART	733821.38	4054781.50	60.14	60.14
DISCCART	733821.38	4054806.50	60.14	60.14
DISCCART	733821.38	4054831.50	60.08	60.08
DISCCART	733821.38	4054856.50	60.05	60.05
DISCCART	733821.38	4054881.50	60.04	60.04
DISCCART	733821.38	4054906.50	60.04	60.04
DISCCART	733821.38	4054931.50	60.04	60.04
DISCCART	733821.38	4054956.50	60.04	60.04
DISCCART	733821.38	4054981.50	60.00	60.00
DISCCART	733821.38	4055006.50	59.97	59.97
DISCCART	733821.38	4055031.50	59.94	59.94
DISCCART	733821.38	4055056.50	59.94	59.94
DISCCART	733821.38	4055081.50	59.94	59.94
DISCCART	733821.38	4055106.50	59.94	59.94
DISCCART	733821.38	4055131.50	59.94	59.94
DISCCART	733821.38	4055156.50	59.94	59.94
DISCCART	733821.38	4055181.50	59.91	59.91
DISCCART	733821.38	4055206.50	59.88	59.88
DISCCART	733821.38	4055231.50	59.88	59.88
DISCCART	733821.38	4055256.50	59.84	59.84
DISCCART	733821.38	4055281.50	59.84	59.84
DISCCART	733821.38	4055306.50	59.84	59.84
DISCCART	733821.38	4055331.50	59.84	59.84
DISCCART	733846.38	4052331.50	63.94	63.94
DISCCART	733846.38	4052356.50	63.85	63.85
DISCCART	733846.38	4052381.50	63.74	63.74
DISCCART	733846.38	4052406.50	63.70	63.70
DISCCART	733846.38	4052431.50	63.64	63.64
DISCCART	733846.38	4052456.50	63.54	63.54
DISCCART	733846.38	4052481.50	63.47	63.47
DISCCART	733846.38	4052506.50	63.41	63.41
DISCCART	733846.38	4052531.50	63.33	63.33
DISCCART	733846.38	4052556.50	63.24	63.24
DISCCART	733846.38	4052581.50	63.19	63.19
DISCCART	733846.38	4052606.50	63.14	63.14
DISCCART	733846.38	4052631.50	63.05	63.05
DISCCART	733846.38	4052656.50	62.99	62.99
DISCCART	733846.38	4052681.50	62.94	62.94
DISCCART	733846.38	4052706.50	62.85	62.85
DISCCART	733846.38	4052731.50	62.83	62.83
DISCCART	733846.38	4052756.50	62.74	62.74
DISCCART	733846.38	4052781.50	62.64	62.64
DISCCART	733846.38	4052806.50	62.64	62.64
DISCCART	733846.38	4052831.50	62.54	62.54
DISCCART	733846.38	4052856.50	62.45	62.45
DISCCART	733846.38	4052881.50	62.44	62.44

DISCCART	733846.38	4052906.50	62.34	62.34
DISCCART	733846.38	4052931.50	62.32	62.32
DISCCART	733846.38	4052956.50	62.24	62.24
DISCCART	733846.38	4052981.50	62.22	62.22
DISCCART	733846.38	4053006.50	62.14	62.14
DISCCART	733846.38	4053031.50	62.13	62.13
DISCCART	733846.38	4053056.50	62.04	62.04
DISCCART	733846.38	4053081.50	62.03	62.03
DISCCART	733846.38	4053106.50	61.94	61.94
DISCCART	733846.38	4053131.50	61.93	61.93
DISCCART	733846.38	4053156.50	61.84	61.84
DISCCART	733846.38	4053181.50	61.83	61.83
DISCCART	733846.38	4053206.50	61.74	61.74
DISCCART	733846.38	4053231.50	61.74	61.74
DISCCART	733846.38	4053256.50	61.65	61.65
DISCCART	733846.38	4053281.50	61.64	61.64
DISCCART	733846.38	4053306.50	61.64	61.64
DISCCART	733846.38	4053331.50	61.55	61.55
DISCCART	733846.38	4053356.50	61.54	61.54
DISCCART	733846.38	4053381.50	61.53	61.53
DISCCART	733846.38	4053406.50	61.46	61.46
DISCCART	733846.38	4053431.50	61.44	61.44
DISCCART	733846.38	4053456.50	61.44	61.44
DISCCART	733846.38	4053481.50	61.34	61.34
DISCCART	733846.38	4053506.50	61.34	61.34
DISCCART	733846.38	4053531.50	61.32	61.32
DISCCART	733846.38	4053556.50	61.25	61.25
DISCCART	733846.38	4053581.50	61.24	61.24
DISCCART	733846.38	4053606.50	61.24	61.24
DISCCART	733846.38	4053631.50	61.15	61.15
DISCCART	733846.38	4053656.50	61.14	61.14
DISCCART	733846.38	4053681.50	61.12	61.12
DISCCART	733846.38	4053706.50	61.04	61.04
DISCCART	733846.38	4053731.50	61.04	61.04
DISCCART	733846.38	4053756.50	60.96	60.96
DISCCART	733846.38	4053781.50	60.94	60.94
DISCCART	733846.38	4053806.50	60.91	60.91
DISCCART	733846.38	4053831.50	60.84	60.84
DISCCART	733846.38	4053856.50	60.81	60.81
DISCCART	733846.38	4053881.50	60.74	60.74
DISCCART	733846.38	4053906.50	60.72	60.72
DISCCART	733846.38	4053931.50	60.65	60.65
DISCCART	733846.38	4053956.50	60.62	60.62
DISCCART	733846.38	4053981.50	60.54	60.54
DISCCART	733846.38	4054006.50	60.53	60.53
DISCCART	733846.38	4054031.50	60.45	60.45
DISCCART	733846.38	4054056.50	60.44	60.44
DISCCART	733846.38	4054081.50	60.49	60.49
DISCCART	733846.38	4054106.50	60.48	60.48
DISCCART	733846.38	4054131.50	60.45	60.45
DISCCART	733846.38	4054156.50	60.52	60.52
DISCCART	733846.38	4054181.50	60.51	60.51
DISCCART	733846.38	4054206.50	60.52	60.52
DISCCART	733846.38	4054231.50	60.52	60.52
DISCCART	733846.38	4054256.50	60.45	60.45
DISCCART	733846.38	4054281.50	60.44	60.44
DISCCART	733846.38	4054306.50	60.44	60.44
DISCCART	733846.38	4054331.50	60.44	60.44
DISCCART	733846.38	4054356.50	60.41	60.41
DISCCART	733846.38	4054381.50	60.35	60.35
DISCCART	733846.38	4054406.50	60.34	60.34
DISCCART	733846.38	4054431.50	60.34	60.34
DISCCART	733846.38	4054456.50	60.32	60.32
DISCCART	733846.38	4054481.50	60.26	60.26
DISCCART	733846.38	4054506.50	60.24	60.24
DISCCART	733846.38	4054531.50	60.24	60.24
DISCCART	733846.38	4054556.50	60.24	60.24
DISCCART	733846.38	4054581.50	60.23	60.23
DISCCART	733846.38	4054606.50	60.15	60.15
DISCCART	733846.38	4054631.50	60.14	60.14
DISCCART	733846.38	4054656.50	60.14	60.14
DISCCART	733846.38	4054681.50	60.14	60.14
DISCCART	733846.38	4054706.50	60.14	60.14
DISCCART	733846.38	4054731.50	60.14	60.14
DISCCART	733846.38	4054756.50	60.10	60.10
DISCCART	733846.38	4054781.50	60.06	60.06
DISCCART	733846.38	4054806.50	60.04	60.04
DISCCART	733846.38	4054831.50	60.04	60.04
DISCCART	733846.38	4054856.50	60.04	60.04
DISCCART	733846.38	4054881.50	60.04	60.04
DISCCART	733846.38	4054906.50	60.03	60.03
DISCCART	733846.38	4054931.50	59.96	59.96
DISCCART	733846.38	4054956.50	59.94	59.94
DISCCART	733846.38	4054981.50	59.94	59.94
DISCCART	733846.38	4055006.50	59.94	59.94
DISCCART	733846.38	4055031.50	59.94	59.94
DISCCART	733846.38	4055056.50	59.94	59.94
DISCCART	733846.38	4055081.50	59.92	59.92
DISCCART	733846.38	4055106.50	59.86	59.86
DISCCART	733846.38	4055131.50	59.85	59.85
DISCCART	733846.38	4055156.50	59.84	59.84
DISCCART	733846.38	4055181.50	59.84	59.84
DISCCART	733846.38	4055206.50	59.84	59.84
DISCCART	733846.38	4055231.50	59.84	59.84
DISCCART	733846.38	4055256.50	59.84	59.84
DISCCART	733846.38	4055281.50	59.84	59.84
DISCCART	733846.38	4055306.50	59.84	59.84
DISCCART	733846.38	4055331.50	59.84	59.84
DISCCART	733871.38	4052331.50	63.85	63.85
DISCCART	733871.38	4052356.50	63.80	63.80
DISCCART	733871.38	4052381.50	63.74	63.74
DISCCART	733871.38	4052406.50	63.64	63.64
DISCCART	733871.38	4052431.50	63.57	63.57
DISCCART	733871.38	4052456.50	63.53	63.53
DISCCART	733871.38	4052481.50	63.44	63.44
DISCCART	733871.38	4052506.50	63.34	63.34
DISCCART	733871.38	4052531.50	63.28	63.28
DISCCART	733871.38	4052556.50	63.23	63.23
DISCCART	733871.38	4052581.50	63.14	63.14
DISCCART	733871.38	4052606.50	63.08	63.08
DISCCART	733871.38	4052631.50	63.03	63.03
DISCCART	733871.38	4052656.50	62.94	62.94
DISCCART	733871.38	4052681.50	62.87	62.87
DISCCART	733871.38	4052706.50	62.82	62.82
DISCCART	733871.38	4052731.50	62.74	62.74
DISCCART	733871.38	4052756.50	62.67	62.67
DISCCART	733871.38	4052781.50	62.64	62.64

DISCCART	733871.38	4052806.50	62.54	62.54
DISCCART	733871.38	4052831.50	62.48	62.48
DISCCART	733871.38	4052856.50	62.44	62.44
DISCCART	733871.38	4052881.50	62.36	62.36
DISCCART	733871.38	4052906.50	62.33	62.33
DISCCART	733871.38	4052931.50	62.24	62.24
DISCCART	733871.38	4052956.50	62.24	62.24
DISCCART	733871.38	4052981.50	62.14	62.14
DISCCART	733871.38	4053006.50	62.12	62.12
DISCCART	733871.38	4053031.50	62.04	62.04
DISCCART	733871.38	4053056.50	62.02	62.02
DISCCART	733871.38	4053081.50	61.94	61.94
DISCCART	733871.38	4053106.50	61.92	61.92
DISCCART	733871.38	4053131.50	61.84	61.84
DISCCART	733871.38	4053156.50	61.83	61.83
DISCCART	733871.38	4053181.50	61.74	61.74
DISCCART	733871.38	4053206.50	61.74	61.74
DISCCART	733871.38	4053231.50	61.66	61.66
DISCCART	733871.38	4053256.50	61.64	61.64
DISCCART	733871.38	4053281.50	61.64	61.64
DISCCART	733871.38	4053306.50	61.55	61.55
DISCCART	733871.38	4053331.50	61.54	61.54
DISCCART	733871.38	4053356.50	61.52	61.52
DISCCART	733871.38	4053381.50	61.44	61.44
DISCCART	733871.38	4053406.50	61.44	61.44
DISCCART	733871.38	4053431.50	61.44	61.44
DISCCART	733871.38	4053456.50	61.34	61.34
DISCCART	733871.38	4053481.50	61.34	61.34
DISCCART	733871.38	4053506.50	61.32	61.32
DISCCART	733871.38	4053531.50	61.24	61.24
DISCCART	733871.38	4053556.50	61.24	61.24
DISCCART	733871.38	4053581.50	61.24	61.24
DISCCART	733871.38	4053606.50	61.14	61.14
DISCCART	733871.38	4053631.50	61.14	61.14
DISCCART	733871.38	4053656.50	61.13	61.13
DISCCART	733871.38	4053681.50	61.04	61.04
DISCCART	733871.38	4053706.50	61.04	61.04
DISCCART	733871.38	4053731.50	61.00	61.00
DISCCART	733871.38	4053756.50	60.94	60.94
DISCCART	733871.38	4053781.50	60.94	60.94
DISCCART	733871.38	4053806.50	60.85	60.85
DISCCART	733871.38	4053831.50	60.84	60.84
DISCCART	733871.38	4053856.50	60.78	60.78
DISCCART	733871.38	4053881.50	60.74	60.74
DISCCART	733871.38	4053906.50	60.67	60.67
DISCCART	733871.38	4053931.50	60.64	60.64
DISCCART	733871.38	4053956.50	60.54	60.54
DISCCART	733871.38	4053981.50	60.50	60.50
DISCCART	733871.38	4054006.50	60.45	60.45
DISCCART	733871.38	4054031.50	60.41	60.41
DISCCART	733871.38	4054056.50	60.35	60.35
DISCCART	733871.38	4054081.50	60.36	60.36
DISCCART	733871.38	4054106.50	60.41	60.41
DISCCART	733871.38	4054131.50	60.44	60.44
DISCCART	733871.38	4054156.50	60.44	60.44
DISCCART	733871.38	4054181.50	60.44	60.44
DISCCART	733871.38	4054206.50	60.44	60.44
DISCCART	733871.38	4054231.50	60.44	60.44
DISCCART	733871.38	4054256.50	60.44	60.44
DISCCART	733871.38	4054281.50	60.44	60.44
DISCCART	733871.38	4054306.50	60.44	60.44
DISCCART	733871.38	4054331.50	60.36	60.36
DISCCART	733871.38	4054356.50	60.34	60.34
DISCCART	733871.38	4054381.50	60.34	60.34
DISCCART	733871.38	4054406.50	60.34	60.34
DISCCART	733871.38	4054431.50	60.28	60.28
DISCCART	733871.38	4054456.50	60.24	60.24
DISCCART	733871.38	4054481.50	60.24	60.24
DISCCART	733871.38	4054506.50	60.24	60.24
DISCCART	733871.38	4054531.50	60.24	60.24
DISCCART	733871.38	4054556.50	60.17	60.17
DISCCART	733871.38	4054581.50	60.14	60.14
DISCCART	733871.38	4054606.50	60.14	60.14
DISCCART	733871.38	4054631.50	60.14	60.14
DISCCART	733871.38	4054656.50	60.14	60.14
DISCCART	733871.38	4054681.50	60.11	60.11
DISCCART	733871.38	4054706.50	60.08	60.08
DISCCART	733871.38	4054731.50	60.04	60.04
DISCCART	733871.38	4054756.50	60.04	60.04
DISCCART	733871.38	4054781.50	60.04	60.04
DISCCART	733871.38	4054806.50	60.04	60.04
DISCCART	733871.38	4054831.50	60.04	60.04
DISCCART	733871.38	4054856.50	59.99	59.99
DISCCART	733871.38	4054881.50	59.95	59.95
DISCCART	733871.38	4054906.50	59.94	59.94
DISCCART	733871.38	4054931.50	59.94	59.94
DISCCART	733871.38	4054956.50	59.94	59.94
DISCCART	733871.38	4054981.50	59.94	59.94
DISCCART	733871.38	4055006.50	59.93	59.93
DISCCART	733871.38	4055031.50	59.89	59.89
DISCCART	733871.38	4055056.50	59.84	59.84
DISCCART	733871.38	4055081.50	59.84	59.84
DISCCART	733871.38	4055106.50	59.84	59.84
DISCCART	733871.38	4055131.50	59.84	59.84
DISCCART	733871.38	4055156.50	59.84	59.84
DISCCART	733871.38	4055181.50	59.84	59.84
DISCCART	733871.38	4055206.50	59.84	59.84
DISCCART	733871.38	4055231.50	59.84	59.84
DISCCART	733871.38	4055256.50	59.79	59.79
DISCCART	733871.38	4055281.50	59.79	59.79
DISCCART	733871.38	4055306.50	59.74	59.74
DISCCART	733871.38	4055331.50	59.74	59.74
DISCCART	730871.38	4055381.50	65.09	65.09
DISCCART	730871.38	4055431.50	65.14	65.14
DISCCART	730871.38	4055481.50	65.16	65.16
DISCCART	730921.38	4055381.50	64.95	64.95
DISCCART	730921.38	4055431.50	65.04	65.04
DISCCART	730921.38	4055481.50	65.04	65.04
DISCCART	730971.38	4055381.50	64.84	64.84
DISCCART	730971.38	4055431.50	64.89	64.89
DISCCART	730971.38	4055481.50	64.94	64.94
DISCCART	731021.38	4055381.50	64.74	64.74
DISCCART	731021.38	4055431.50	64.78	64.78
DISCCART	731021.38	4055481.50	64.84	64.84
DISCCART	731071.38	4055381.50	64.64	64.64
DISCCART	731071.38	4055431.50	64.68	64.68
DISCCART	731071.38	4055481.50	64.74	64.74

DISCCART	731121.38	4055381.50	64.54	64.54
DISCCART	731121.38	4055431.50	64.63	64.63
DISCCART	731121.38	4055481.50	64.65	64.65
DISCCART	731171.38	4055381.50	64.48	64.48
DISCCART	731171.38	4055431.50	64.54	64.54
DISCCART	731171.38	4055481.50	64.64	64.64
DISCCART	731221.38	4055381.50	64.44	64.44
DISCCART	731221.38	4055431.50	64.44	64.44
DISCCART	731221.38	4055481.50	64.52	64.52
DISCCART	731271.38	4055381.50	64.29	64.29
DISCCART	731271.38	4055431.50	64.34	64.34
DISCCART	731271.38	4055481.50	64.44	64.44
DISCCART	731321.38	4055381.50	64.19	64.19
DISCCART	731321.38	4055431.50	64.24	64.24
DISCCART	731321.38	4055481.50	64.33	64.33
DISCCART	731371.38	4055381.50	64.07	64.07
DISCCART	731371.38	4055431.50	64.14	64.14
DISCCART	731371.38	4055481.50	64.19	64.19
DISCCART	731421.38	4055381.50	63.98	63.98
DISCCART	731421.38	4055431.50	64.04	64.04
DISCCART	731421.38	4055481.50	64.04	64.04
DISCCART	731471.38	4055381.50	63.93	63.93
DISCCART	731471.38	4055431.50	63.94	63.94
DISCCART	731471.38	4055481.50	63.94	63.94
DISCCART	731521.38	4055381.50	63.78	63.78
DISCCART	731521.38	4055431.50	63.84	63.84
DISCCART	731521.38	4055481.50	63.84	63.84
DISCCART	731571.38	4055381.50	63.68	63.68
DISCCART	731571.38	4055431.50	63.74	63.74
DISCCART	731571.38	4055481.50	63.74	63.74
DISCCART	731621.38	4055381.50	63.54	63.54
DISCCART	731621.38	4055431.50	63.64	63.64
DISCCART	731621.38	4055481.50	63.64	63.64
DISCCART	731671.38	4055381.50	63.44	63.44
DISCCART	731671.38	4055431.50	63.54	63.54
DISCCART	731671.38	4055481.50	63.54	63.54
DISCCART	731721.38	4055381.50	63.35	63.35
DISCCART	731721.38	4055431.50	63.44	63.44
DISCCART	731721.38	4055481.50	63.44	63.44
DISCCART	731771.38	4055381.50	63.27	63.27
DISCCART	731771.38	4055431.50	63.34	63.34
DISCCART	731771.38	4055481.50	63.34	63.34
DISCCART	731821.38	4055381.50	63.23	63.23
DISCCART	731821.38	4055431.50	63.24	63.24
DISCCART	731821.38	4055481.50	63.24	63.24
DISCCART	731871.38	4055381.50	63.14	63.14
DISCCART	731871.38	4055431.50	63.14	63.14
DISCCART	731871.38	4055481.50	63.14	63.14
DISCCART	731921.38	4055381.50	63.04	63.04
DISCCART	731921.38	4055431.50	63.04	63.04
DISCCART	731921.38	4055481.50	63.09	63.09
DISCCART	731971.38	4055381.50	62.94	62.94
DISCCART	731971.38	4055431.50	62.95	62.95
DISCCART	731971.38	4055481.50	63.04	63.04
DISCCART	732021.38	4055381.50	62.84	62.84
DISCCART	732021.38	4055431.50	62.88	62.88
DISCCART	732021.38	4055481.50	62.94	62.94
DISCCART	732071.38	4055381.50	62.77	62.77
DISCCART	732071.38	4055431.50	62.84	62.84
DISCCART	732071.38	4055481.50	62.84	62.84
DISCCART	732121.38	4055381.50	62.69	62.69
DISCCART	732121.38	4055431.50	62.74	62.74
DISCCART	732121.38	4055481.50	62.74	62.74
DISCCART	732171.38	4055381.50	62.64	62.64
DISCCART	732171.38	4055431.50	62.64	62.64
DISCCART	732171.38	4055481.50	62.64	62.64
DISCCART	732221.38	4055381.50	62.54	62.54
DISCCART	732221.38	4055431.50	62.54	62.54
DISCCART	732221.38	4055481.50	62.54	62.54
DISCCART	732271.38	4055381.50	62.44	62.44
DISCCART	732271.38	4055431.50	62.44	62.44
DISCCART	732271.38	4055481.50	62.47	62.47
DISCCART	732321.38	4055381.50	62.34	62.34
DISCCART	732321.38	4055431.50	62.34	62.34
DISCCART	732321.38	4055481.50	62.35	62.35
DISCCART	732371.38	4055381.50	62.24	62.24
DISCCART	732371.38	4055431.50	62.24	62.24
DISCCART	732371.38	4055481.50	62.27	62.27
DISCCART	732421.38	4055381.50	62.14	62.14
DISCCART	732421.38	4055431.50	62.14	62.14
DISCCART	732421.38	4055481.50	62.17	62.17
DISCCART	732471.38	4055381.50	62.04	62.04
DISCCART	732471.38	4055431.50	62.04	62.04
DISCCART	732471.38	4055481.50	62.07	62.07
DISCCART	732521.38	4055381.50	61.94	61.94
DISCCART	732521.38	4055431.50	61.94	61.94
DISCCART	732521.38	4055481.50	61.94	61.94
DISCCART	732571.38	4055381.50	61.84	61.84
DISCCART	732571.38	4055431.50	61.84	61.84
DISCCART	732571.38	4055481.50	61.84	61.84
DISCCART	732621.38	4055381.50	61.74	61.74
DISCCART	732621.38	4055431.50	61.74	61.74
DISCCART	732621.38	4055481.50	61.77	61.77
DISCCART	732671.38	4055381.50	61.64	61.64
DISCCART	732671.38	4055431.50	61.68	61.68
DISCCART	732671.38	4055481.50	61.74	61.74
DISCCART	732721.38	4055381.50	61.64	61.64
DISCCART	732721.38	4055431.50	61.64	61.64
DISCCART	732721.38	4055481.50	61.64	61.64
DISCCART	732771.38	4055381.50	61.54	61.54
DISCCART	732771.38	4055431.50	61.54	61.54
DISCCART	732771.38	4055481.50	61.54	61.54
DISCCART	732821.38	4055381.50	61.44	61.44
DISCCART	732821.38	4055431.50	61.44	61.44
DISCCART	732821.38	4055481.50	61.47	61.47
DISCCART	732871.38	4055381.50	61.38	61.38
DISCCART	732871.38	4055431.50	61.39	61.39
DISCCART	732871.38	4055481.50	61.44	61.44
DISCCART	732921.38	4055381.50	61.34	61.34
DISCCART	732921.38	4055431.50	61.34	61.34
DISCCART	732921.38	4055481.50	61.34	61.34
DISCCART	732971.38	4055381.50	61.24	61.24
DISCCART	732971.38	4055431.50	61.24	61.24
DISCCART	732971.38	4055481.50	61.24	61.24
DISCCART	733021.38	4055381.50	61.14	61.14
DISCCART	733021.38	4055431.50	61.14	61.14
DISCCART	733021.38	4055481.50	61.19	61.19

DISCCART	733071.38	4055381.50	61.08	61.08
DISCCART	733071.38	4055431.50	61.09	61.09
DISCCART	733071.38	4055481.50	61.09	61.09
DISCCART	733121.38	4055381.50	60.98	60.98
DISCCART	733121.38	4055431.50	60.99	60.99
DISCCART	733121.38	4055481.50	60.99	60.99
DISCCART	733171.38	4055381.50	60.94	60.94
DISCCART	733171.38	4055431.50	60.89	60.89
DISCCART	733171.38	4055481.50	60.91	60.91
DISCCART	733221.38	4055381.50	60.84	60.84
DISCCART	733221.38	4055431.50	60.84	60.84
DISCCART	733221.38	4055481.50	60.84	60.84
DISCCART	733271.38	4055381.50	60.74	60.74
DISCCART	733271.38	4055431.50	60.74	60.74
DISCCART	733271.38	4055481.50	60.74	60.74
DISCCART	733321.38	4055381.50	60.64	60.64
DISCCART	733321.38	4055431.50	60.64	60.64
DISCCART	733321.38	4055481.50	60.64	60.64
DISCCART	733371.38	4055381.50	60.54	60.54
DISCCART	733371.38	4055431.50	60.54	60.54
DISCCART	733371.38	4055481.50	60.54	60.54
DISCCART	733421.38	4055381.50	60.44	60.44
DISCCART	733421.38	4055431.50	60.44	60.44
DISCCART	733421.38	4055481.50	60.44	60.44
DISCCART	733471.38	4055381.50	60.34	60.34
DISCCART	733471.38	4055431.50	60.34	60.34
DISCCART	733471.38	4055481.50	60.34	60.34
DISCCART	733521.38	4055381.50	60.24	60.24
DISCCART	733521.38	4055431.50	60.24	60.24
DISCCART	733521.38	4055481.50	60.24	60.24
DISCCART	733571.38	4055381.50	60.24	60.24
DISCCART	733571.38	4055431.50	60.24	60.24
DISCCART	733571.38	4055481.50	60.24	60.24
DISCCART	733621.38	4055381.50	60.14	60.14
DISCCART	733621.38	4055431.50	60.14	60.14
DISCCART	733621.38	4055481.50	60.14	60.14
DISCCART	733671.38	4055381.50	60.09	60.09
DISCCART	733671.38	4055431.50	60.09	60.09
DISCCART	733671.38	4055481.50	60.08	60.08
DISCCART	733721.38	4055381.50	60.04	60.04
DISCCART	733721.38	4055431.50	60.04	60.04
DISCCART	733721.38	4055481.50	60.04	60.04
DISCCART	733771.38	4055381.50	59.94	59.94
DISCCART	733771.38	4055431.50	59.94	59.94
DISCCART	733771.38	4055481.50	59.94	59.94
DISCCART	733821.38	4055381.50	59.84	59.84
DISCCART	733821.38	4055431.50	59.84	59.84
DISCCART	733821.38	4055481.50	59.84	59.84
DISCCART	733871.38	4055381.50	59.74	59.74
DISCCART	733871.38	4055431.50	59.74	59.74
DISCCART	733871.38	4055481.50	59.74	59.74
DISCCART	733921.38	4055381.50	59.64	59.64
DISCCART	733921.38	4055431.50	59.64	59.64
DISCCART	733921.38	4055481.50	59.64	59.64
DISCCART	733971.38	4055381.50	59.54	59.54
DISCCART	733971.38	4055431.50	59.54	59.54
DISCCART	733971.38	4055481.50	59.54	59.54
DISCCART	734021.38	4055381.50	59.44	59.44
DISCCART	734021.38	4055431.50	59.44	59.44
DISCCART	734021.38	4055481.50	59.44	59.44
DISCCART	733921.38	4055331.50	59.69	59.69
DISCCART	733921.38	4055281.50	59.74	59.74
DISCCART	733921.38	4055231.50	59.74	59.74
DISCCART	733921.38	4055181.50	59.74	59.74
DISCCART	733921.38	4055131.50	59.74	59.74
DISCCART	733921.38	4055081.50	59.74	59.74
DISCCART	733921.38	4055031.50	59.83	59.83
DISCCART	733921.38	4054981.50	59.84	59.84
DISCCART	733921.38	4054931.50	59.84	59.84
DISCCART	733921.38	4054881.50	59.88	59.88
DISCCART	733921.38	4054831.50	59.94	59.94
DISCCART	733921.38	4054781.50	59.94	59.94
DISCCART	733921.38	4054731.50	59.98	59.98
DISCCART	733921.38	4054681.50	60.04	60.04
DISCCART	733921.38	4054631.50	60.04	60.04
DISCCART	733921.38	4054581.50	60.08	60.08
DISCCART	733921.38	4054531.50	60.14	60.14
DISCCART	733921.38	4054481.50	60.14	60.14
DISCCART	733921.38	4054431.50	60.24	60.24
DISCCART	733921.38	4054381.50	60.24	60.24
DISCCART	733921.38	4054331.50	60.34	60.34
DISCCART	733921.38	4054281.50	60.34	60.34
DISCCART	733921.38	4054231.50	60.36	60.36
DISCCART	733921.38	4054181.50	60.44	60.44
DISCCART	733921.38	4054131.50	60.44	60.44
DISCCART	733921.38	4054081.50	60.31	60.31
DISCCART	733921.38	4054031.50	60.34	60.34
DISCCART	733921.38	4053981.50	60.44	60.44
DISCCART	733921.38	4053931.50	60.54	60.54
DISCCART	733921.38	4053881.50	60.64	60.64
DISCCART	733921.38	4053831.50	60.74	60.74
DISCCART	733921.38	4053781.50	60.84	60.84
DISCCART	733921.38	4053731.50	60.90	60.90
DISCCART	733921.38	4053681.50	60.94	60.94
DISCCART	733921.38	4053631.50	61.04	61.04
DISCCART	733921.38	4053581.50	61.14	61.14
DISCCART	733921.38	4053531.50	61.16	61.16
DISCCART	733921.38	4053481.50	61.24	61.24
DISCCART	733921.38	4053431.50	61.34	61.34
DISCCART	733921.38	4053381.50	61.35	61.35
DISCCART	733921.38	4053331.50	61.44	61.44
DISCCART	733921.38	4053281.50	61.54	61.54
DISCCART	733921.38	4053231.50	61.64	61.64
DISCCART	733921.38	4053181.50	61.70	61.70
DISCCART	733921.38	4053131.50	61.76	61.76
DISCCART	733921.38	4053081.50	61.85	61.85
DISCCART	733921.38	4053031.50	61.95	61.95
DISCCART	733921.38	4052981.50	62.05	62.05
DISCCART	733921.38	4052931.50	62.14	62.14
DISCCART	733921.38	4052881.50	62.26	62.26
DISCCART	733921.38	4052831.50	62.40	62.40
DISCCART	733921.38	4052781.50	62.54	62.54
DISCCART	733921.38	4052731.50	62.65	62.65
DISCCART	733921.38	4052681.50	62.80	62.80
DISCCART	733921.38	4052631.50	62.94	62.94
DISCCART	733921.38	4052581.50	63.06	63.06
DISCCART	733921.38	4052531.50	63.20	63.20

DISCCART	733921.38	4052481.50	63.34	63.34
DISCCART	733921.38	4052431.50	63.50	63.50
DISCCART	733921.38	4052381.50	63.64	63.64
DISCCART	733921.38	4052331.50	63.76	63.76
DISCCART	733921.38	4052281.50	63.94	63.94
DISCCART	733921.38	4052231.50	64.04	64.04
DISCCART	733921.38	4052181.50	64.20	64.20
DISCCART	733971.38	4055331.50	59.59	59.59
DISCCART	733971.38	4055281.50	59.64	59.64
DISCCART	733971.38	4055231.50	59.64	59.64
DISCCART	733971.38	4055181.50	59.64	59.64
DISCCART	733971.38	4055131.50	59.64	59.64
DISCCART	733971.38	4055081.50	59.73	59.73
DISCCART	733971.38	4055031.50	59.74	59.74
DISCCART	733971.38	4054981.50	59.74	59.74
DISCCART	733971.38	4054931.50	59.74	59.74
DISCCART	733971.38	4054881.50	59.84	59.84
DISCCART	733971.38	4054831.50	59.84	59.84
DISCCART	733971.38	4054781.50	59.84	59.84
DISCCART	733971.38	4054731.50	59.93	59.93
DISCCART	733971.38	4054681.50	59.94	59.94
DISCCART	733971.38	4054631.50	59.94	59.94
DISCCART	733971.38	4054581.50	60.04	60.04
DISCCART	733971.38	4054531.50	60.04	60.04
DISCCART	733971.38	4054481.50	60.09	60.09
DISCCART	733971.38	4054431.50	60.14	60.14
DISCCART	733971.38	4054381.50	60.16	60.16
DISCCART	733971.38	4054331.50	60.24	60.24
DISCCART	733971.38	4054281.50	60.24	60.24
DISCCART	733971.38	4054231.50	60.31	60.31
DISCCART	733971.38	4054181.50	60.34	60.34
DISCCART	733971.38	4054131.50	60.34	60.34
DISCCART	733971.38	4054081.50	60.24	60.24
DISCCART	733971.38	4054031.50	60.34	60.34
DISCCART	733971.38	4053981.50	60.44	60.44
DISCCART	733971.38	4053931.50	60.54	60.54
DISCCART	733971.38	4053881.50	60.64	60.64
DISCCART	733971.38	4053831.50	60.74	60.74
DISCCART	733971.38	4053781.50	60.74	60.74
DISCCART	733971.38	4053731.50	60.84	60.84
DISCCART	733971.38	4053681.50	60.90	60.90
DISCCART	733971.38	4053631.50	60.94	60.94
DISCCART	733971.38	4053581.50	61.04	61.04
DISCCART	733971.38	4053531.50	61.14	61.14
DISCCART	733971.38	4053481.50	61.14	61.14
DISCCART	733971.38	4053431.50	61.24	61.24
DISCCART	733971.38	4053381.50	61.34	61.34
DISCCART	733971.38	4053331.50	61.40	61.40
DISCCART	733971.38	4053281.50	61.44	61.44
DISCCART	733971.38	4053231.50	61.54	61.54
DISCCART	733971.38	4053181.50	61.64	61.64
DISCCART	733971.38	4053131.50	61.74	61.74
DISCCART	733971.38	4053081.50	61.75	61.75
DISCCART	733971.38	4053031.50	61.85	61.85
DISCCART	733971.38	4052981.50	61.94	61.94
DISCCART	733971.38	4052931.50	62.04	62.04
DISCCART	733971.38	4052881.50	62.16	62.16
DISCCART	733971.38	4052831.50	62.26	62.26
DISCCART	733971.38	4052781.50	62.43	62.43
DISCCART	733971.38	4052731.50	62.55	62.55
DISCCART	733971.38	4052681.50	62.74	62.74
DISCCART	733971.38	4052631.50	62.84	62.84
DISCCART	733971.38	4052581.50	62.97	62.97
DISCCART	733971.38	4052531.50	63.14	63.14
DISCCART	733971.38	4052481.50	63.26	63.26
DISCCART	733971.38	4052431.50	63.40	63.40
DISCCART	733971.38	4052381.50	63.54	63.54
DISCCART	733971.38	4052331.50	63.70	63.70
DISCCART	733971.38	4052281.50	63.84	63.84
DISCCART	733971.38	4052231.50	63.95	63.95
DISCCART	733971.38	4052181.50	64.13	64.13
DISCCART	734021.38	4055331.50	59.51	59.51
DISCCART	734021.38	4055281.50	59.54	59.54
DISCCART	734021.38	4055231.50	59.54	59.54
DISCCART	734021.38	4055181.50	59.54	59.54
DISCCART	734021.38	4055131.50	59.58	59.58
DISCCART	734021.38	4055081.50	59.64	59.64
DISCCART	734021.38	4055031.50	59.64	59.64
DISCCART	734021.38	4054981.50	59.64	59.64
DISCCART	734021.38	4054931.50	59.69	59.69
DISCCART	734021.38	4054881.50	59.74	59.74
DISCCART	734021.38	4054831.50	59.74	59.74
DISCCART	734021.38	4054781.50	59.79	59.79
DISCCART	734021.38	4054731.50	59.84	59.84
DISCCART	734021.38	4054681.50	59.84	59.84
DISCCART	734021.38	4054631.50	59.91	59.91
DISCCART	734021.38	4054581.50	59.94	59.94
DISCCART	734021.38	4054531.50	59.94	59.94
DISCCART	734021.38	4054481.50	60.04	60.04
DISCCART	734021.38	4054431.50	60.04	60.04
DISCCART	734021.38	4054381.50	60.10	60.10
DISCCART	734021.38	4054331.50	60.14	60.14
DISCCART	734021.38	4054281.50	60.16	60.16
DISCCART	734021.38	4054231.50	60.24	60.24
DISCCART	734021.38	4054181.50	60.24	60.24
DISCCART	734021.38	4054131.50	60.34	60.34
DISCCART	734021.38	4054081.50	60.24	60.24
DISCCART	734021.38	4054031.50	60.34	60.34
DISCCART	734021.38	4053981.50	60.44	60.44
DISCCART	734021.38	4053931.50	60.50	60.50
DISCCART	734021.38	4053881.50	60.54	60.54
DISCCART	734021.38	4053831.50	60.64	60.64
DISCCART	734021.38	4053781.50	60.74	60.74
DISCCART	734021.38	4053731.50	60.74	60.74
DISCCART	734021.38	4053681.50	60.84	60.84
DISCCART	734021.38	4053631.50	60.90	60.90
DISCCART	734021.38	4053581.50	60.94	60.94
DISCCART	734021.38	4053531.50	61.04	61.04
DISCCART	734021.38	4053481.50	61.13	61.13
DISCCART	734021.38	4053431.50	61.14	61.14
DISCCART	734021.38	4053381.50	61.24	61.24
DISCCART	734021.38	4053331.50	61.34	61.34
DISCCART	734021.38	4053281.50	61.40	61.40
DISCCART	734021.38	4053231.50	61.46	61.46
DISCCART	734021.38	4053181.50	61.54	61.54
DISCCART	734021.38	4053131.50	61.64	61.64
DISCCART	734021.38	4053081.50	61.74	61.74

DISCCART	734021.38	4053031.50	61.76	61.76
DISCCART	734021.38	4052981.50	61.84	61.84
DISCCART	734021.38	4052931.50	61.94	61.94
DISCCART	734021.38	4052881.50	62.04	62.04
DISCCART	734021.38	4052831.50	62.16	62.16
DISCCART	734021.38	4052781.50	62.33	62.33
DISCCART	734021.38	4052731.50	62.46	62.46
DISCCART	734021.38	4052681.50	62.64	62.64
DISCCART	734021.38	4052631.50	62.74	62.74
DISCCART	734021.38	4052581.50	62.90	62.90
DISCCART	734021.38	4052531.50	63.04	63.04
DISCCART	734021.38	4052481.50	63.18	63.18
DISCCART	734021.38	4052431.50	63.34	63.34
DISCCART	734021.38	4052381.50	63.49	63.49
DISCCART	734021.38	4052331.50	63.64	63.64
DISCCART	734021.38	4052281.50	63.74	63.74
DISCCART	734021.38	4052231.50	63.90	63.90
DISCCART	734021.38	4052181.50	64.04	64.04
DISCCART	733871.38	4052281.50	64.03	64.03
DISCCART	733871.38	4052231.50	64.14	64.14
DISCCART	733871.38	4052181.50	64.30	64.30
DISCCART	733821.38	4052281.50	64.14	64.14
DISCCART	733821.38	4052231.50	64.26	64.26
DISCCART	733821.38	4052181.50	64.40	64.40
DISCCART	733771.38	4052281.50	64.24	64.24
DISCCART	733771.38	4052231.50	64.36	64.36
DISCCART	733771.38	4052181.50	64.54	64.54
DISCCART	733721.38	4052281.50	64.34	64.34
DISCCART	733721.38	4052231.50	64.45	64.45
DISCCART	733721.38	4052181.50	64.64	64.64
DISCCART	733671.38	4052281.50	64.44	64.44
DISCCART	733671.38	4052231.50	64.60	64.60
DISCCART	733671.38	4052181.50	64.74	64.74
DISCCART	733621.38	4052281.50	64.51	64.51
DISCCART	733621.38	4052231.50	64.74	64.74
DISCCART	733621.38	4052181.50	64.84	64.84
DISCCART	733571.38	4052281.50	64.54	64.54
DISCCART	733571.38	4052231.50	64.72	64.72
DISCCART	733571.38	4052181.50	64.84	64.84
DISCCART	733521.38	4052281.50	64.60	64.60
DISCCART	733521.38	4052231.50	64.74	64.74
DISCCART	733521.38	4052181.50	64.89	64.89
DISCCART	733471.38	4052281.50	64.68	64.68
DISCCART	733471.38	4052231.50	64.84	64.84
DISCCART	733471.38	4052181.50	65.00	65.00
DISCCART	733421.38	4052281.50	64.76	64.76
DISCCART	733421.38	4052231.50	64.94	64.94
DISCCART	733421.38	4052181.50	65.14	65.14
DISCCART	733371.38	4052281.50	64.89	64.89
DISCCART	733371.38	4052231.50	65.08	65.08
DISCCART	733371.38	4052181.50	65.25	65.25
DISCCART	733321.38	4052281.50	65.04	65.04
DISCCART	733321.38	4052231.50	65.24	65.24
DISCCART	733321.38	4052181.50	65.40	65.40
DISCCART	733271.38	4052281.50	65.15	65.15
DISCCART	733271.38	4052231.50	65.35	65.35
DISCCART	733271.38	4052181.50	65.55	65.55
DISCCART	733221.38	4052281.50	65.34	65.34
DISCCART	733221.38	4052231.50	65.55	65.55
DISCCART	733221.38	4052181.50	65.73	65.73
DISCCART	733171.38	4052281.50	65.45	65.45
DISCCART	733171.38	4052231.50	65.65	65.65
DISCCART	733171.38	4052181.50	65.88	65.88
DISCCART	733121.38	4052281.50	65.64	65.64
DISCCART	733121.38	4052231.50	65.83	65.83
DISCCART	733121.38	4052181.50	66.03	66.03
DISCCART	733071.38	4052281.50	65.76	65.76
DISCCART	733071.38	4052231.50	65.96	65.96
DISCCART	733071.38	4052181.50	66.16	66.16
DISCCART	733021.38	4052281.50	65.93	65.93
DISCCART	733021.38	4052231.50	66.10	66.10
DISCCART	733021.38	4052181.50	66.30	66.30
DISCCART	732971.38	4052281.50	66.06	66.06
DISCCART	732971.38	4052231.50	66.26	66.26
DISCCART	732971.38	4052181.50	66.44	66.44
DISCCART	732921.38	4052281.50	66.24	66.24
DISCCART	732921.38	4052231.50	66.40	66.40
DISCCART	732921.38	4052181.50	66.60	66.60
DISCCART	732871.38	4052281.50	66.34	66.34
DISCCART	732871.38	4052231.50	66.54	66.54
DISCCART	732871.38	4052181.50	66.74	66.74
DISCCART	732821.38	4052281.50	66.45	66.45
DISCCART	732821.38	4052231.50	66.65	66.65
DISCCART	732821.38	4052181.50	66.86	66.86
DISCCART	732771.38	4052281.50	66.60	66.60
DISCCART	732771.38	4052231.50	66.80	66.80
DISCCART	732771.38	4052181.50	67.00	67.00
DISCCART	732721.38	4052281.50	66.74	66.74
DISCCART	732721.38	4052231.50	66.93	66.93
DISCCART	732721.38	4052181.50	67.13	67.13
DISCCART	732671.38	4052281.50	66.86	66.86
DISCCART	732671.38	4052231.50	67.06	67.06
DISCCART	732671.38	4052181.50	67.26	67.26
DISCCART	732621.38	4052281.50	67.00	67.00
DISCCART	732621.38	4052231.50	67.20	67.20
DISCCART	732621.38	4052181.50	67.40	67.40
DISCCART	732571.38	4052281.50	67.15	67.15
DISCCART	732571.38	4052231.50	67.36	67.36
DISCCART	732571.38	4052181.50	67.56	67.56
DISCCART	732521.38	4052281.50	67.30	67.30
DISCCART	732521.38	4052231.50	67.50	67.50
DISCCART	732521.38	4052181.50	67.70	67.70
DISCCART	732471.38	4052281.50	67.45	67.45
DISCCART	732471.38	4052231.50	67.65	67.65
DISCCART	732471.38	4052181.50	67.85	67.85
DISCCART	732421.38	4052281.50	67.56	67.56
DISCCART	732421.38	4052231.50	67.80	67.80
DISCCART	732421.38	4052181.50	68.05	68.05
DISCCART	732371.38	4052281.50	67.73	67.73
DISCCART	732371.38	4052231.50	67.95	67.95
DISCCART	732371.38	4052181.50	68.23	68.23
DISCCART	732321.38	4052281.50	67.86	67.86
DISCCART	732321.38	4052231.50	68.13	68.13
DISCCART	732321.38	4052181.50	68.40	68.40
DISCCART	732271.38	4052281.50	68.05	68.05
DISCCART	732271.38	4052231.50	68.30	68.30
DISCCART	732271.38	4052181.50	68.55	68.55

DISCCART	732221.38	4052281.50	68.18	68.18
DISCCART	732221.38	4052231.50	68.45	68.45
DISCCART	732221.38	4052181.50	68.74	68.74
DISCCART	732171.38	4052281.50	68.30	68.30
DISCCART	732171.38	4052231.50	68.56	68.56
DISCCART	732171.38	4052181.50	68.86	68.86
DISCCART	732121.38	4052281.50	68.44	68.44
DISCCART	732121.38	4052231.50	68.70	68.70
DISCCART	732121.38	4052181.50	69.00	69.00
DISCCART	732071.38	4052281.50	68.54	68.54
DISCCART	732071.38	4052231.50	68.84	68.84
DISCCART	732071.38	4052181.50	69.13	69.13
DISCCART	732021.38	4052281.50	68.60	68.60
DISCCART	732021.38	4052231.50	68.93	68.93
DISCCART	732021.38	4052181.50	69.23	69.23
DISCCART	731971.38	4052281.50	68.70	68.70
DISCCART	731971.38	4052231.50	69.00	69.00
DISCCART	731971.38	4052181.50	69.30	69.30
DISCCART	731921.38	4052281.50	68.78	68.78
DISCCART	731921.38	4052231.50	69.08	69.08
DISCCART	731921.38	4052181.50	69.37	69.37
DISCCART	731871.38	4052281.50	68.83	68.83
DISCCART	731871.38	4052231.50	69.13	69.13
DISCCART	731871.38	4052181.50	69.45	69.45
DISCCART	731821.38	4052281.50	68.87	68.87
DISCCART	731821.38	4052231.50	69.17	69.17
DISCCART	731821.38	4052181.50	69.55	69.55
DISCCART	731771.38	4052281.50	68.87	68.87
DISCCART	731771.38	4052231.50	69.27	69.27
DISCCART	731771.38	4052181.50	69.56	69.56
DISCCART	731721.38	4052281.50	68.97	68.97
DISCCART	731721.38	4052231.50	69.30	69.30
DISCCART	731721.38	4052181.50	69.67	69.67
DISCCART	731671.38	4052281.50	69.00	69.00
DISCCART	731671.38	4052231.50	69.37	69.37
DISCCART	731671.38	4052181.50	69.73	69.73
DISCCART	731621.38	4052281.50	69.10	69.10
DISCCART	731621.38	4052231.50	69.48	69.48
DISCCART	731621.38	4052181.50	69.80	69.80
DISCCART	731571.38	4052281.50	69.21	69.21
DISCCART	731571.38	4052231.50	69.58	69.58
DISCCART	731571.38	4052181.50	69.88	69.88
DISCCART	731521.38	4052281.50	69.35	69.35
DISCCART	731521.38	4052231.50	69.68	69.68
DISCCART	731521.38	4052181.50	69.97	69.97
DISCCART	731471.38	4052281.50	69.44	69.44
DISCCART	731471.38	4052231.50	69.74	69.74
DISCCART	731471.38	4052181.50	70.04	70.04
DISCCART	731421.38	4052281.50	69.54	69.54
DISCCART	731421.38	4052231.50	69.84	69.84
DISCCART	731421.38	4052181.50	70.06	70.06
DISCCART	731371.38	4052281.50	69.65	69.65
DISCCART	731371.38	4052231.50	69.86	69.86
DISCCART	731371.38	4052181.50	70.17	70.17
DISCCART	731321.38	4052281.50	69.66	69.66
DISCCART	731321.38	4052231.50	69.94	69.94
DISCCART	731321.38	4052181.50	70.18	70.18
DISCCART	731271.38	4052281.50	69.74	69.74
DISCCART	731271.38	4052231.50	69.94	69.94
DISCCART	731271.38	4052181.50	70.11	70.11
DISCCART	731221.38	4052281.50	69.62	69.62
DISCCART	731221.38	4052231.50	69.70	69.70
DISCCART	731221.38	4052181.50	69.79	69.79
DISCCART	731171.38	4052281.50	69.44	69.44
DISCCART	731171.38	4052231.50	69.44	69.44
DISCCART	731171.38	4052181.50	69.44	69.44
DISCCART	731121.38	4052281.50	69.64	69.64
DISCCART	731121.38	4052231.50	69.68	69.68
DISCCART	731121.38	4052181.50	69.80	69.80
DISCCART	731071.38	4052281.50	69.84	69.84
DISCCART	731071.38	4052231.50	69.95	69.95
DISCCART	731071.38	4052181.50	70.16	70.16
DISCCART	731021.38	4052281.50	69.94	69.94
DISCCART	731021.38	4052231.50	70.10	70.10
DISCCART	731021.38	4052181.50	70.36	70.36
DISCCART	730971.38	4052281.50	69.97	69.97
DISCCART	730971.38	4052231.50	70.16	70.16
DISCCART	730971.38	4052181.50	70.44	70.44
DISCCART	730921.38	4052281.50	69.96	69.96
DISCCART	730921.38	4052231.50	70.24	70.24
DISCCART	730921.38	4052181.50	70.48	70.48
DISCCART	730871.38	4052281.50	70.04	70.04
DISCCART	730871.38	4052231.50	70.28	70.28
DISCCART	730871.38	4052181.50	70.53	70.53
DISCCART	730821.38	4052281.50	70.03	70.03
DISCCART	730821.38	4052231.50	70.33	70.33
DISCCART	730821.38	4052181.50	70.58	70.58
DISCCART	730771.38	4052281.50	70.08	70.08
DISCCART	730771.38	4052231.50	70.40	70.40
DISCCART	730771.38	4052181.50	70.65	70.65
DISCCART	730721.38	4052281.50	70.17	70.17
DISCCART	730721.38	4052231.50	70.43	70.43
DISCCART	730721.38	4052181.50	70.67	70.67
DISCCART	730821.38	4052331.50	69.77	69.77
DISCCART	730821.38	4052381.50	69.46	69.46
DISCCART	730821.38	4052431.50	69.44	69.44
DISCCART	730821.38	4052481.50	69.54	69.54
DISCCART	730821.38	4052531.50	69.48	69.48
DISCCART	730821.38	4052581.50	69.34	69.34
DISCCART	730821.38	4052631.50	69.18	69.18
DISCCART	730821.38	4052681.50	69.04	69.04
DISCCART	730821.38	4052731.50	68.85	68.85
DISCCART	730821.38	4052781.50	68.74	68.74
DISCCART	730821.38	4052831.50	68.54	68.54
DISCCART	730821.38	4052881.50	68.43	68.43
DISCCART	730821.38	4052931.50	68.26	68.26
DISCCART	730821.38	4052981.50	68.14	68.14
DISCCART	730821.38	4053031.50	67.98	67.98
DISCCART	730821.38	4053081.50	67.84	67.84
DISCCART	730821.38	4053131.50	67.74	67.74
DISCCART	730821.38	4053181.50	67.64	67.64
DISCCART	730821.38	4053231.50	67.50	67.50
DISCCART	730821.38	4053281.50	67.36	67.36
DISCCART	730821.38	4053331.50	67.24	67.24
DISCCART	730821.38	4053381.50	67.14	67.14
DISCCART	730821.38	4053431.50	67.04	67.04
DISCCART	730821.38	4053481.50	66.90	66.90

DISCCART	730821.38	4053531.50	66.80	66.80
DISCCART	730821.38	4053581.50	66.66	66.66
DISCCART	730821.38	4053631.50	66.56	66.56
DISCCART	730821.38	4053681.50	66.45	66.45
DISCCART	730821.38	4053731.50	66.36	66.36
DISCCART	730821.38	4053781.50	66.30	66.30
DISCCART	730821.38	4053831.50	66.24	66.24
DISCCART	730821.38	4053881.50	66.14	66.14
DISCCART	730821.38	4053931.50	66.04	66.04
DISCCART	730821.38	4053981.50	66.00	66.00
DISCCART	730821.38	4054031.50	65.94	65.94
DISCCART	730821.38	4054081.50	65.86	65.86
DISCCART	730821.38	4054131.50	65.80	65.80
DISCCART	730821.38	4054181.50	65.74	65.74
DISCCART	730821.38	4054231.50	65.64	65.64
DISCCART	730821.38	4054281.50	65.64	65.64
DISCCART	730821.38	4054331.50	65.58	65.58
DISCCART	730821.38	4054381.50	65.54	65.54
DISCCART	730821.38	4054431.50	65.54	65.54
DISCCART	730821.38	4054481.50	65.44	65.44
DISCCART	730821.38	4054531.50	65.44	65.44
DISCCART	730821.38	4054581.50	65.44	65.44
DISCCART	730821.38	4054631.50	65.34	65.34
DISCCART	730821.38	4054681.50	65.24	65.24
DISCCART	730821.38	4054731.50	65.13	65.13
DISCCART	730821.38	4054781.50	64.96	64.96
DISCCART	730821.38	4054831.50	64.88	64.88
DISCCART	730821.38	4054881.50	64.88	64.88
DISCCART	730821.38	4054931.50	64.94	64.94
DISCCART	730821.38	4054981.50	64.94	64.94
DISCCART	730821.38	4055031.50	64.99	64.99
DISCCART	730821.38	4055081.50	65.04	65.04
DISCCART	730821.38	4055131.50	65.04	65.04
DISCCART	730821.38	4055181.50	65.08	65.08
DISCCART	730821.38	4055231.50	65.14	65.14
DISCCART	730821.38	4055281.50	65.14	65.14
DISCCART	730821.38	4055331.50	65.19	65.19
DISCCART	730821.38	4055381.50	65.24	65.24
DISCCART	730821.38	4055431.50	65.28	65.28
DISCCART	730821.38	4055481.50	65.34	65.34
DISCCART	730771.38	4052331.50	69.78	69.78
DISCCART	730771.38	4052381.50	69.47	69.47
DISCCART	730771.38	4052431.50	69.44	69.44
DISCCART	730771.38	4052481.50	69.64	69.64
DISCCART	730771.38	4052531.50	69.54	69.54
DISCCART	730771.38	4052581.50	69.43	69.43
DISCCART	730771.38	4052631.50	69.24	69.24
DISCCART	730771.38	4052681.50	69.10	69.10
DISCCART	730771.38	4052731.50	68.94	68.94
DISCCART	730771.38	4052781.50	68.80	68.80
DISCCART	730771.38	4052831.50	68.64	68.64
DISCCART	730771.38	4052881.50	68.50	68.50
DISCCART	730771.38	4052931.50	68.34	68.34
DISCCART	730771.38	4052981.50	68.24	68.24
DISCCART	730771.38	4053031.50	68.08	68.08
DISCCART	730771.38	4053081.50	67.95	67.95
DISCCART	730771.38	4053131.50	67.84	67.84
DISCCART	730771.38	4053181.50	67.74	67.74
DISCCART	730771.38	4053231.50	67.64	67.64
DISCCART	730771.38	4053281.50	67.50	67.50
DISCCART	730771.38	4053331.50	67.36	67.36
DISCCART	730771.38	4053381.50	67.24	67.24
DISCCART	730771.38	4053431.50	67.14	67.14
DISCCART	730771.38	4053481.50	67.04	67.04
DISCCART	730771.38	4053531.50	66.94	66.94
DISCCART	730771.38	4053581.50	66.80	66.80
DISCCART	730771.38	4053631.50	66.70	66.70
DISCCART	730771.38	4053681.50	66.60	66.60
DISCCART	730771.38	4053731.50	66.50	66.50
DISCCART	730771.38	4053781.50	66.40	66.40
DISCCART	730771.38	4053831.50	66.34	66.34
DISCCART	730771.38	4053881.50	66.24	66.24
DISCCART	730771.38	4053931.50	66.14	66.14
DISCCART	730771.38	4053981.50	66.05	66.05
DISCCART	730771.38	4054031.50	66.04	66.04
DISCCART	730771.38	4054081.50	65.94	65.94
DISCCART	730771.38	4054131.50	65.90	65.90
DISCCART	730771.38	4054181.50	65.84	65.84
DISCCART	730771.38	4054231.50	65.80	65.80
DISCCART	730771.38	4054281.50	65.74	65.74
DISCCART	730771.38	4054331.50	65.69	65.69
DISCCART	730771.38	4054381.50	65.64	65.64
DISCCART	730771.38	4054431.50	65.58	65.58
DISCCART	730771.38	4054481.50	65.54	65.54
DISCCART	730771.38	4054531.50	65.54	65.54
DISCCART	730771.38	4054581.50	65.44	65.44
DISCCART	730771.38	4054631.50	65.35	65.35
DISCCART	730771.38	4054681.50	65.24	65.24
DISCCART	730771.38	4054731.50	65.16	65.16
DISCCART	730771.38	4054781.50	65.06	65.06
DISCCART	730771.38	4054831.50	65.04	65.04
DISCCART	730771.38	4054881.50	65.04	65.04
DISCCART	730771.38	4054931.50	65.04	65.04
DISCCART	730771.38	4054981.50	65.09	65.09
DISCCART	730771.38	4055031.50	65.14	65.14
DISCCART	730771.38	4055081.50	65.14	65.14
DISCCART	730771.38	4055131.50	65.19	65.19
DISCCART	730771.38	4055181.50	65.24	65.24
DISCCART	730771.38	4055231.50	65.25	65.25
DISCCART	730771.38	4055281.50	65.34	65.34
DISCCART	730771.38	4055331.50	65.34	65.34
DISCCART	730771.38	4055381.50	65.39	65.39
DISCCART	730771.38	4055431.50	65.44	65.44
DISCCART	730771.38	4055481.50	65.44	65.44
DISCCART	730721.38	4052331.50	69.80	69.80
DISCCART	730721.38	4052381.50	69.48	69.48
DISCCART	730721.38	4052431.50	69.44	69.44
DISCCART	730721.38	4052481.50	69.73	69.73
DISCCART	730721.38	4052531.50	69.64	69.64
DISCCART	730721.38	4052581.50	69.46	69.46
DISCCART	730721.38	4052631.50	69.34	69.34
DISCCART	730721.38	4052681.50	69.19	69.19
DISCCART	730721.38	4052731.50	69.04	69.04
DISCCART	730721.38	4052781.50	68.87	68.87
DISCCART	730721.38	4052831.50	68.74	68.74
DISCCART	730721.38	4052881.50	68.56	68.56
DISCCART	730721.38	4052931.50	68.44	68.44

DISCCART	730721.38	4052981.50	68.33	68.33
DISCCART	730721.38	4053031.50	68.19	68.19
DISCCART	730721.38	4053081.50	68.06	68.06
DISCCART	730721.38	4053131.50	67.94	67.94
DISCCART	730721.38	4053181.50	67.84	67.84
DISCCART	730721.38	4053231.50	67.74	67.74
DISCCART	730721.38	4053281.50	67.60	67.60
DISCCART	730721.38	4053331.50	67.46	67.46
DISCCART	730721.38	4053381.50	67.34	67.34
DISCCART	730721.38	4053431.50	67.24	67.24
DISCCART	730721.38	4053481.50	67.14	67.14
DISCCART	730721.38	4053531.50	67.04	67.04
DISCCART	730721.38	4053581.50	66.94	66.94
DISCCART	730721.38	4053631.50	66.84	66.84
DISCCART	730721.38	4053681.50	66.74	66.74
DISCCART	730721.38	4053731.50	66.61	66.61
DISCCART	730721.38	4053781.50	66.50	66.50
DISCCART	730721.38	4053831.50	66.40	66.40
DISCCART	730721.38	4053881.50	66.34	66.34
DISCCART	730721.38	4053931.50	66.24	66.24
DISCCART	730721.38	4053981.50	66.14	66.14
DISCCART	730721.38	4054031.50	66.14	66.14
DISCCART	730721.38	4054081.50	66.04	66.04
DISCCART	730721.38	4054131.50	65.94	65.94
DISCCART	730721.38	4054181.50	65.94	65.94
DISCCART	730721.38	4054231.50	65.84	65.84
DISCCART	730721.38	4054281.50	65.84	65.84
DISCCART	730721.38	4054331.50	65.74	65.74
DISCCART	730721.38	4054381.50	65.74	65.74
DISCCART	730721.38	4054431.50	65.64	65.64
DISCCART	730721.38	4054481.50	65.64	65.64
DISCCART	730721.38	4054531.50	65.54	65.54
DISCCART	730721.38	4054581.50	65.54	65.54
DISCCART	730721.38	4054631.50	65.44	65.44
DISCCART	730721.38	4054681.50	65.40	65.40
DISCCART	730721.38	4054731.50	65.30	65.30
DISCCART	730721.38	4054781.50	65.24	65.24
DISCCART	730721.38	4054831.50	65.24	65.24
DISCCART	730721.38	4054881.50	65.24	65.24
DISCCART	730721.38	4054931.50	65.24	65.24
DISCCART	730721.38	4054981.50	65.24	65.24
DISCCART	730721.38	4055031.50	65.29	65.29
DISCCART	730721.38	4055081.50	65.34	65.34
DISCCART	730721.38	4055131.50	65.34	65.34
DISCCART	730721.38	4055181.50	65.38	65.38
DISCCART	730721.38	4055231.50	65.44	65.44
DISCCART	730721.38	4055281.50	65.44	65.44
DISCCART	730721.38	4055331.50	65.53	65.53
DISCCART	730721.38	4055381.50	65.54	65.54
DISCCART	730721.38	4055431.50	65.58	65.58
DISCCART	730721.38	4055481.50	65.67	65.67
DISCCART	730721.38	4055564.75	65.70	65.70
DISCCART	730721.38	4055648.25	65.84	65.84
DISCCART	730721.38	4055731.50	65.94	65.94
DISCCART	730820.00	405564.75	65.34	65.34
DISCCART	730820.00	4055648.25	65.46	65.46
DISCCART	730820.00	4055731.50	65.62	65.62
DISCCART	730918.63	405564.75	64.95	64.95
DISCCART	730918.63	4055648.25	65.14	65.14
DISCCART	730918.63	4055731.50	65.35	65.35
DISCCART	731017.19	405564.75	64.85	64.85
DISCCART	731017.19	4055648.25	65.14	65.14
DISCCART	731017.19	4055731.50	65.14	65.14
DISCCART	731115.81	405564.75	64.84	64.84
DISCCART	731115.81	4055648.25	64.93	64.93
DISCCART	731115.81	4055731.50	64.86	64.86
DISCCART	731214.44	405564.75	64.64	64.64
DISCCART	731214.44	4055648.25	64.65	64.65
DISCCART	731214.44	4055731.50	64.66	64.66
DISCCART	731313.06	405564.75	64.37	64.37
DISCCART	731313.06	4055648.25	64.44	64.44
DISCCART	731313.06	4055731.50	64.44	64.44
DISCCART	731411.63	405564.75	64.14	64.14
DISCCART	731411.63	4055648.25	64.24	64.24
DISCCART	731411.63	4055731.50	64.28	64.28
DISCCART	731510.25	405564.75	63.94	63.94
DISCCART	731510.25	4055648.25	64.04	64.04
DISCCART	731510.25	4055731.50	64.05	64.05
DISCCART	731608.88	405564.75	63.74	63.74
DISCCART	731608.88	4055648.25	63.84	63.84
DISCCART	731608.88	4055731.50	63.85	63.85
DISCCART	731707.50	405564.75	63.54	63.54
DISCCART	731707.50	4055648.25	63.64	63.64
DISCCART	731707.50	4055731.50	63.69	63.69
DISCCART	731806.13	405564.75	63.34	63.34
DISCCART	731806.13	4055648.25	63.44	63.44
DISCCART	731806.13	4055731.50	63.50	63.50
DISCCART	731904.69	405564.75	63.14	63.14
DISCCART	731904.69	4055648.25	63.24	63.24
DISCCART	731904.69	4055731.50	63.34	63.34
DISCCART	732003.31	405564.75	63.02	63.02
DISCCART	732003.31	4055648.25	63.04	63.04
DISCCART	732003.31	4055731.50	63.14	63.14
DISCCART	732101.94	405564.75	62.84	62.84
DISCCART	732101.94	4055648.25	62.88	62.88
DISCCART	732101.94	4055731.50	62.94	62.94
DISCCART	732200.56	405564.75	62.64	62.64
DISCCART	732200.56	4055648.25	62.74	62.74
DISCCART	732200.56	4055731.50	62.77	62.77
DISCCART	732299.13	405564.75	62.44	62.44
DISCCART	732299.13	4055648.25	62.54	62.54
DISCCART	732299.13	4055731.50	62.60	62.60
DISCCART	732397.75	405564.75	62.25	62.25
DISCCART	732397.75	4055648.25	62.34	62.34
DISCCART	732397.75	4055731.50	62.43	62.43
DISCCART	732496.38	405564.75	62.05	62.05
DISCCART	732496.38	4055648.25	62.14	62.14
DISCCART	732496.38	4055731.50	62.24	62.24
DISCCART	732595.00	405564.75	61.87	61.87
DISCCART	732595.00	4055648.25	61.94	61.94
DISCCART	732595.00	4055731.50	62.04	62.04
DISCCART	732693.63	405564.75	61.74	61.74
DISCCART	732693.63	4055648.25	61.74	61.74
DISCCART	732693.63	4055731.50	61.84	61.84
DISCCART	732792.19	405564.75	61.54	61.54
DISCCART	732792.19	4055648.25	61.64	61.64
DISCCART	732792.19	4055731.50	61.69	61.69

DISCCART	732890.81	4055564.75	61.44	61.44
DISCCART	732890.81	4055648.25	61.44	61.44
DISCCART	732890.81	4055731.50	61.54	61.54
DISCCART	732989.44	4055564.75	61.24	61.24
DISCCART	732989.44	4055648.25	61.32	61.32
DISCCART	732989.44	4055731.50	61.34	61.34
DISCCART	733088.06	4055564.75	61.09	61.09
DISCCART	733088.06	4055648.25	61.11	61.11
DISCCART	733088.06	4055731.50	61.14	61.14
DISCCART	733186.63	4055564.75	60.92	60.92
DISCCART	733186.63	4055648.25	60.92	60.92
DISCCART	733186.63	4055731.50	60.93	60.93
DISCCART	733285.25	4055564.75	60.74	60.74
DISCCART	733285.25	4055648.25	60.74	60.74
DISCCART	733285.25	4055731.50	60.73	60.73
DISCCART	733383.88	4055564.75	60.54	60.54
DISCCART	733383.88	4055648.25	60.54	60.54
DISCCART	733383.88	4055731.50	60.54	60.54
DISCCART	733482.50	4055564.75	60.40	60.40
DISCCART	733482.50	4055648.25	60.38	60.38
DISCCART	733482.50	4055731.50	60.34	60.34
DISCCART	733581.13	4055564.75	60.24	60.24
DISCCART	733581.13	4055648.25	60.24	60.24
DISCCART	733581.13	4055731.50	60.16	60.16
DISCCART	733679.69	4055564.75	60.04	60.04
DISCCART	733679.69	4055648.25	60.04	60.04
DISCCART	733679.69	4055731.50	60.04	60.04
DISCCART	733778.31	4055564.75	59.85	59.85
DISCCART	733778.31	4055648.25	59.84	59.84
DISCCART	733778.31	4055731.50	59.84	59.84
DISCCART	733876.94	4055564.75	59.72	59.72
DISCCART	733876.94	4055648.25	59.64	59.64
DISCCART	733876.94	4055731.50	59.64	59.64
DISCCART	733975.56	4055564.75	59.53	59.53
DISCCART	733975.56	4055648.25	59.45	59.45
DISCCART	733975.56	4055731.50	59.46	59.46
DISCCART	734074.13	4055564.75	59.34	59.34
DISCCART	734074.13	4055648.25	59.34	59.34
DISCCART	734074.13	4055731.50	59.26	59.26
DISCCART	734172.75	4055564.75	59.14	59.14
DISCCART	734172.75	4055648.25	59.14	59.14
DISCCART	734172.75	4055731.50	59.14	59.14
DISCCART	734271.38	4055564.75	58.94	58.94
DISCCART	734271.38	4055648.25	58.94	58.94
DISCCART	734271.38	4055731.50	58.94	58.94
DISCCART	734104.69	4055481.50	59.26	59.26
DISCCART	734104.69	4055383.00	59.34	59.34
DISCCART	734104.69	4055284.25	59.34	59.34
DISCCART	734104.69	4055185.75	59.44	59.44
DISCCART	734104.69	4055087.00	59.44	59.44
DISCCART	734104.69	4054988.50	59.54	59.54
DISCCART	734104.69	4054889.75	59.55	59.55
DISCCART	734104.69	4054791.25	59.64	59.64
DISCCART	734104.69	4054692.50	59.74	59.74
DISCCART	734104.69	4054594.00	59.78	59.78
DISCCART	734104.69	4054495.50	59.84	59.84
DISCCART	734104.69	4054396.75	59.94	59.94
DISCCART	734104.69	4054298.25	60.04	60.04
DISCCART	734104.69	4054199.50	60.14	60.14
DISCCART	734104.69	4054101.00	60.22	60.22
DISCCART	734104.69	4054002.25	60.34	60.34
DISCCART	734104.69	4053903.75	60.44	60.44
DISCCART	734104.69	4053805.00	60.54	60.54
DISCCART	734104.69	4053706.50	60.66	60.66
DISCCART	734104.69	4053608.00	60.84	60.84
DISCCART	734104.69	4053509.25	60.94	60.94
DISCCART	734104.69	4053410.75	61.05	61.05
DISCCART	734104.69	4053312.00	61.24	61.24
DISCCART	734104.69	4053213.50	61.34	61.34
DISCCART	734104.69	4053114.75	61.54	61.54
DISCCART	734104.69	4053016.25	61.64	61.64
DISCCART	734104.69	4052917.50	61.76	61.76
DISCCART	734104.69	4052819.00	62.04	62.04
DISCCART	734104.69	4052720.50	62.33	62.33
DISCCART	734104.69	4052621.75	62.64	62.64
DISCCART	734104.69	4052523.25	62.94	62.94
DISCCART	734104.69	4052424.50	63.24	63.24
DISCCART	734104.69	4052326.00	63.54	63.54
DISCCART	734104.69	4052227.25	63.76	63.76
DISCCART	734104.69	4052128.75	64.04	64.04
DISCCART	734104.69	4052030.00	64.24	64.24
DISCCART	734104.69	4051931.50	64.49	64.49
DISCCART	734188.06	4055481.50	59.14	59.14
DISCCART	734188.06	4055383.00	59.14	59.14
DISCCART	734188.06	4055284.25	59.24	59.24
DISCCART	734188.06	4055185.75	59.24	59.24
DISCCART	734188.06	4055087.00	59.34	59.34
DISCCART	734188.06	4054988.50	59.35	59.35
DISCCART	734188.06	4054889.75	59.44	59.44
DISCCART	734188.06	4054791.25	59.52	59.52
DISCCART	734188.06	4054692.50	59.55	59.55
DISCCART	734188.06	4054594.00	59.64	59.64
DISCCART	734188.06	4054495.50	59.74	59.74
DISCCART	734188.06	4054396.75	59.84	59.84
DISCCART	734188.06	4054298.25	59.93	59.93
DISCCART	734188.06	4054199.50	60.01	60.01
DISCCART	734188.06	4054101.00	60.12	60.12
DISCCART	734188.06	4054002.25	60.22	60.22
DISCCART	734188.06	4053903.75	60.31	60.31
DISCCART	734188.06	4053805.00	60.44	60.44
DISCCART	734188.06	4053706.50	60.54	60.54
DISCCART	734188.06	4053608.00	60.65	60.65
DISCCART	734188.06	4053509.25	60.82	60.82
DISCCART	734188.06	4053410.75	60.94	60.94
DISCCART	734188.06	4053312.00	61.10	61.10
DISCCART	734188.06	4053213.50	61.24	61.24
DISCCART	734188.06	4053114.75	61.36	61.36
DISCCART	734188.06	4053016.25	61.54	61.54
DISCCART	734188.06	4052917.50	61.69	61.69
DISCCART	734188.06	4052819.00	61.88	61.88
DISCCART	734188.06	4052720.50	62.17	62.17
DISCCART	734188.06	4052621.75	62.49	62.49
DISCCART	734188.06	4052523.25	62.84	62.84
DISCCART	734188.06	4052424.50	63.14	63.14
DISCCART	734188.06	4052326.00	63.41	63.41
DISCCART	734188.06	4052227.25	63.64	63.64
DISCCART	734188.06	4052128.75	63.90	63.90

DISCCART	734188.06	4052030.00	64.14	64.14
DISCCART	734188.06	4051931.50	64.39	64.39
DISCCART	734271.38	4055481.50	58.98	58.98
DISCCART	734271.38	4055383.00	59.04	59.04
DISCCART	734271.38	4055284.25	59.04	59.04
DISCCART	734271.38	4055185.75	59.14	59.14
DISCCART	734271.38	4055087.00	59.15	59.15
DISCCART	734271.38	4054988.50	59.24	59.24
DISCCART	734271.38	4054889.75	59.29	59.29
DISCCART	734271.38	4054791.25	59.34	59.34
DISCCART	734271.38	4054692.50	59.44	59.44
DISCCART	734271.38	4054594.00	59.54	59.54
DISCCART	734271.38	4054495.50	59.59	59.59
DISCCART	734271.38	4054396.75	59.67	59.67
DISCCART	734271.38	4054298.25	59.74	59.74
DISCCART	734271.38	4054199.50	59.84	59.84
DISCCART	734271.38	4054101.00	59.96	59.96
DISCCART	734271.38	4054002.25	60.06	60.06
DISCCART	734271.38	4053903.75	60.18	60.18
DISCCART	734271.38	4053805.00	60.33	60.33
DISCCART	734271.38	4053706.50	60.44	60.44
DISCCART	734271.38	4053608.00	60.54	60.54
DISCCART	734271.38	4053509.25	60.64	60.64
DISCCART	734271.38	4053410.75	60.84	60.84
DISCCART	734271.38	4053312.00	60.94	60.94
DISCCART	734271.38	4053213.50	61.14	61.14
DISCCART	734271.38	4053114.75	61.24	61.24
DISCCART	734271.38	4053016.25	61.44	61.44
DISCCART	734271.38	4052917.50	61.57	61.57
DISCCART	734271.38	4052819.00	61.74	61.74
DISCCART	734271.38	4052720.50	62.04	62.04
DISCCART	734271.38	4052621.75	62.36	62.36
DISCCART	734271.38	4052523.25	62.67	62.67
DISCCART	734271.38	4052424.50	62.98	62.98
DISCCART	734271.38	4052326.00	63.25	63.25
DISCCART	734271.38	4052227.25	63.54	63.54
DISCCART	734271.38	4052128.75	63.77	63.77
DISCCART	734271.38	4052030.00	64.04	64.04
DISCCART	734271.38	4051931.50	64.25	64.25
DISCCART	734021.38	4052098.25	64.24	64.24
DISCCART	734021.38	4052014.75	64.43	64.43
DISCCART	734021.38	4051931.50	64.64	64.64
DISCCART	733922.75	4052098.25	64.42	64.42
DISCCART	733922.75	4052014.75	64.57	64.57
DISCCART	733922.75	4051931.50	64.74	64.74
DISCCART	733824.13	4052098.25	64.60	64.60
DISCCART	733824.13	4052014.75	64.77	64.77
DISCCART	733824.13	4051931.50	65.03	65.03
DISCCART	733725.56	4052098.25	64.84	64.84
DISCCART	733725.56	4052014.75	65.04	65.04
DISCCART	733725.56	4051931.50	65.33	65.33
DISCCART	733626.94	4052098.25	65.05	65.05
DISCCART	733626.94	4052014.75	65.34	65.34
DISCCART	733626.94	4051931.50	65.57	65.57
DISCCART	733528.31	4052098.25	65.23	65.23
DISCCART	733528.31	4052014.75	65.54	65.54
DISCCART	733528.31	4051931.50	65.82	65.82
DISCCART	733429.69	4052098.25	65.42	65.42
DISCCART	733429.69	4052014.75	65.74	65.74
DISCCART	733429.69	4051931.50	66.01	66.01
DISCCART	733331.13	4052098.25	65.71	65.71
DISCCART	733331.13	4052014.75	65.99	65.99
DISCCART	733331.13	4051931.50	66.24	66.24
DISCCART	733232.50	4052098.25	66.02	66.02
DISCCART	733232.50	4052014.75	66.28	66.28
DISCCART	733232.50	4051931.50	66.55	66.55
DISCCART	733133.88	4052098.25	66.34	66.34
DISCCART	733133.88	4052014.75	66.64	66.64
DISCCART	733133.88	4051931.50	66.94	66.94
DISCCART	733035.25	4052098.25	66.59	66.59
DISCCART	733035.25	4052014.75	66.94	66.94
DISCCART	733035.25	4051931.50	67.29	67.29
DISCCART	732936.63	4052098.25	66.85	66.85
DISCCART	732936.63	4052014.75	67.22	67.22
DISCCART	732936.63	4051931.50	67.58	67.58
DISCCART	732838.06	4052098.25	67.14	67.14
DISCCART	732838.06	4052014.75	67.45	67.45
DISCCART	732838.06	4051931.50	67.84	67.84
DISCCART	732739.44	4052098.25	67.41	67.41
DISCCART	732739.44	4052014.75	67.73	67.73
DISCCART	732739.44	4051931.50	68.18	68.18
DISCCART	732640.81	4052098.25	67.67	67.67
DISCCART	732640.81	4052014.75	68.04	68.04
DISCCART	732640.81	4051931.50	68.60	68.60
DISCCART	732542.19	4052098.25	67.97	67.97
DISCCART	732542.19	4052014.75	68.48	68.48
DISCCART	732542.19	4051931.50	69.05	69.05
DISCCART	732443.63	4052098.25	68.41	68.41
DISCCART	732443.63	4052014.75	68.93	68.93
DISCCART	732443.63	4051931.50	69.38	69.38
DISCCART	732345.00	4052098.25	68.75	68.75
DISCCART	732345.00	4052014.75	69.24	69.24
DISCCART	732345.00	4051931.50	69.77	69.77
DISCCART	732246.38	4052098.25	69.10	69.10
DISCCART	732246.38	4052014.75	69.60	69.60
DISCCART	732246.38	4051931.50	70.12	70.12
DISCCART	732147.75	4052098.25	69.43	69.43
DISCCART	732147.75	4052014.75	69.95	69.95
DISCCART	732147.75	4051931.50	70.56	70.56
DISCCART	732049.13	4052098.25	69.71	69.71
DISCCART	732049.13	4052014.75	70.24	70.24
DISCCART	732049.13	4051931.50	70.87	70.87
DISCCART	731950.56	4052098.25	69.90	69.90
DISCCART	731950.56	4052014.75	70.52	70.52
DISCCART	731950.56	4051931.50	71.08	71.08
DISCCART	731851.94	4052098.25	70.07	70.07
DISCCART	731851.94	4052014.75	70.68	70.68
DISCCART	731851.94	4051931.50	71.18	71.18
DISCCART	731753.31	4052098.25	70.20	70.20
DISCCART	731753.31	4052014.75	70.83	70.83
DISCCART	731753.31	4051931.50	71.27	71.27
DISCCART	731654.69	4052098.25	70.31	70.31
DISCCART	731654.69	4052014.75	70.86	70.86
DISCCART	731654.69	4051931.50	71.35	71.35
DISCCART	731556.13	4052098.25	70.45	70.45
DISCCART	731556.13	4052014.75	70.96	70.96
DISCCART	731556.13	4051931.50	71.43	71.43

DISCCART	731457.50	4052098.25	70.56	70.56
DISCCART	731457.50	4052014.75	71.05	71.05
DISCCART	731457.50	4051931.50	71.48	71.48
DISCCART	731358.88	4052098.25	70.65	70.65
DISCCART	731358.88	4052014.75	71.13	71.13
DISCCART	731358.88	4051931.50	71.54	71.54
DISCCART	731260.25	4052098.25	70.71	70.71
DISCCART	731260.25	4052014.75	71.14	71.14
DISCCART	731260.25	4051931.50	71.40	71.40
DISCCART	731161.63	4052098.25	70.74	70.74
DISCCART	731161.63	4052014.75	70.95	70.95
DISCCART	731161.63	4051931.50	70.99	70.99
DISCCART	731063.06	4052098.25	70.80	70.80
DISCCART	731063.06	4052014.75	71.25	71.25
DISCCART	731063.06	4051931.50	71.47	71.47
DISCCART	730964.44	4052098.25	70.90	70.90
DISCCART	730964.44	4052014.75	71.33	71.33
DISCCART	730964.44	4051931.50	71.66	71.66
DISCCART	730865.81	4052098.25	70.95	70.95
DISCCART	730865.81	4052014.75	71.35	71.35
DISCCART	730865.81	4051931.50	71.77	71.77
DISCCART	730767.19	4052098.25	71.05	71.05
DISCCART	730767.19	4052014.75	71.46	71.46
DISCCART	730767.19	4051931.50	71.83	71.83
DISCCART	730668.63	4052098.25	71.15	71.15
DISCCART	730668.63	4052014.75	71.52	71.52
DISCCART	730668.63	4051931.50	71.94	71.94
DISCCART	730570.00	4052098.25	71.20	71.20
DISCCART	730570.00	4052014.75	71.55	71.55
DISCCART	730570.00	4051931.50	71.96	71.96
DISCCART	730471.38	4052098.25	71.24	71.24
DISCCART	730471.38	4052014.75	71.40	71.40
DISCCART	730471.38	4051931.50	71.98	71.98
DISCCART	730638.06	4052181.50	70.76	70.76
DISCCART	730638.06	4052280.00	70.32	70.32
DISCCART	730638.06	4052378.75	69.75	69.75
DISCCART	730638.06	4052477.25	69.84	69.84
DISCCART	730638.06	4052576.00	69.62	69.62
DISCCART	730638.06	4052674.50	69.34	69.34
DISCCART	730638.06	4052773.25	69.04	69.04
DISCCART	730638.06	4052871.75	68.74	68.74
DISCCART	730638.06	4052970.50	68.47	68.47
DISCCART	730638.06	4053069.00	68.24	68.24
DISCCART	730638.06	4053167.50	68.04	68.04
DISCCART	730638.06	4053266.25	67.83	67.83
DISCCART	730638.06	4053364.75	67.55	67.55
DISCCART	730638.06	4053463.50	67.34	67.34
DISCCART	730638.06	4053562.00	67.15	67.15
DISCCART	730638.06	4053660.75	66.94	66.94
DISCCART	730638.06	4053759.25	66.74	66.74
DISCCART	730638.06	4053858.00	66.53	66.53
DISCCART	730638.06	4053956.50	66.37	66.37
DISCCART	730638.06	4054055.00	66.22	66.22
DISCCART	730638.06	4054153.75	66.06	66.06
DISCCART	730638.06	4054252.25	65.95	65.95
DISCCART	730638.06	4054351.00	65.84	65.84
DISCCART	730638.06	4054449.50	65.75	65.75
DISCCART	730638.06	4054548.25	65.69	65.69
DISCCART	730638.06	4054646.75	65.64	65.64
DISCCART	730638.06	4054745.50	65.55	65.55
DISCCART	730638.06	4054844.00	65.54	65.54
DISCCART	730638.06	4054942.50	65.53	65.53
DISCCART	730638.06	4055041.25	65.55	65.55
DISCCART	730638.06	4055139.75	65.63	65.63
DISCCART	730638.06	4055238.50	65.64	65.64
DISCCART	730638.06	4055337.00	65.75	65.75
DISCCART	730638.06	4055435.75	65.85	65.85
DISCCART	730638.06	4055534.25	65.95	65.95
DISCCART	730638.06	4055633.00	66.05	66.05
DISCCART	730638.06	4055731.50	66.14	66.14
DISCCART	730554.69	4052181.50	70.84	70.84
DISCCART	730554.69	4052280.00	70.53	70.53
DISCCART	730554.69	4052378.75	70.27	70.27
DISCCART	730554.69	4052477.25	69.91	69.91
DISCCART	730554.69	4052576.00	69.72	69.72
DISCCART	730554.69	4052674.50	69.44	69.44
DISCCART	730554.69	4052773.25	69.15	69.15
DISCCART	730554.69	4052871.75	68.89	68.89
DISCCART	730554.69	4052970.50	68.64	68.64
DISCCART	730554.69	4053069.00	68.40	68.40
DISCCART	730554.69	4053167.50	68.15	68.15
DISCCART	730554.69	4053266.25	67.97	67.97
DISCCART	730554.69	4053364.75	67.74	67.74
DISCCART	730554.69	4053463.50	67.54	67.54
DISCCART	730554.69	4053562.00	67.33	67.33
DISCCART	730554.69	4053660.75	67.14	67.14
DISCCART	730554.69	4053759.25	66.89	66.89
DISCCART	730554.69	4053858.00	66.74	66.74
DISCCART	730554.69	4053956.50	66.55	66.55
DISCCART	730554.69	4054055.00	66.34	66.34
DISCCART	730554.69	4054153.75	66.25	66.25
DISCCART	730554.69	4054252.25	66.14	66.14
DISCCART	730554.69	4054351.00	66.04	66.04
DISCCART	730554.69	4054449.50	65.94	65.94
DISCCART	730554.69	4054548.25	65.84	65.84
DISCCART	730554.69	4054646.75	65.74	65.74
DISCCART	730554.69	4054745.50	65.84	65.84
DISCCART	730554.69	4054844.00	65.84	65.84
DISCCART	730554.69	4054942.50	65.84	65.84
DISCCART	730554.69	4055041.25	65.84	65.84
DISCCART	730554.69	4055139.75	65.84	65.84
DISCCART	730554.69	4055238.50	65.94	65.94
DISCCART	730554.69	4055337.00	66.03	66.03
DISCCART	730554.69	4055435.75	66.13	66.13
DISCCART	730554.69	4055534.25	66.24	66.24
DISCCART	730554.69	4055633.00	66.28	66.28
DISCCART	730554.69	4055731.50	66.43	66.43
DISCCART	730471.38	4052181.50	70.88	70.88
DISCCART	730471.38	4052280.00	70.58	70.58
DISCCART	730471.38	4052378.75	70.34	70.34
DISCCART	730471.38	4052477.25	70.07	70.07
DISCCART	730471.38	4052576.00	69.81	69.81
DISCCART	730471.38	4052674.50	69.54	69.54
DISCCART	730471.38	4052773.25	69.24	69.24
DISCCART	730471.38	4052871.75	69.03	69.03
DISCCART	730471.38	4052970.50	68.76	68.76
DISCCART	730471.38	4053069.00	68.54	68.54

DISCCART	730471.38	4053167.50	68.34	68.34
DISCCART	730471.38	4053266.25	68.14	68.14
DISCCART	730471.38	4053364.75	67.94	67.94
DISCCART	730471.38	4053463.50	67.74	67.74
DISCCART	730471.38	4053562.00	67.50	67.50
DISCCART	730471.38	4053660.75	67.34	67.34
DISCCART	730471.38	4053759.25	67.08	67.08
DISCCART	730471.38	4053858.00	66.92	66.92
DISCCART	730471.38	4053956.50	66.73	66.73
DISCCART	730471.38	4054055.00	66.50	66.50
DISCCART	730471.38	4054153.75	66.34	66.34
DISCCART	730471.38	4054252.25	66.24	66.24
DISCCART	730471.38	4054351.00	66.14	66.14
DISCCART	730471.38	4054449.50	66.04	66.04
DISCCART	730471.38	4054548.25	65.94	65.94
DISCCART	730471.38	4054646.75	65.88	65.88
DISCCART	730471.38	4054745.50	66.03	66.03
DISCCART	730471.38	4054844.00	66.05	66.05
DISCCART	730471.38	4054942.50	66.08	66.08
DISCCART	730471.38	4055041.25	66.04	66.04
DISCCART	730471.38	4055139.75	66.14	66.14
DISCCART	730471.38	4055238.50	66.14	66.14
DISCCART	730471.38	4055337.00	66.24	66.24
DISCCART	730471.38	4055435.75	66.34	66.34
DISCCART	730471.38	4055534.25	66.37	66.37
DISCCART	730471.38	4055633.00	66.54	66.54
DISCCART	730471.38	4055731.50	66.64	66.64
DISCCART	730471.38	4055981.50	66.84	66.84
DISCCART	730471.38	4056231.50	67.02	67.02
DISCCART	730710.25	4055981.50	66.14	66.14
DISCCART	730710.25	4056231.50	66.26	66.26
DISCCART	730949.13	4055981.50	65.53	65.53
DISCCART	730949.13	4056231.50	65.73	65.73
DISCCART	731188.06	4055981.50	64.94	64.94
DISCCART	731188.06	4056231.50	65.20	65.20
DISCCART	731426.94	4055981.50	64.44	64.44
DISCCART	731426.94	4056231.50	64.71	64.71
DISCCART	731665.81	4055981.50	64.02	64.02
DISCCART	731665.81	4056231.50	64.23	64.23
DISCCART	731904.69	4055981.50	63.54	63.54
DISCCART	731904.69	4056231.50	63.74	63.74
DISCCART	732143.63	4055981.50	63.07	63.07
DISCCART	732143.63	4056231.50	63.33	63.33
DISCCART	732382.50	4055981.50	62.64	62.64
DISCCART	732382.50	4056231.50	62.81	62.81
DISCCART	732621.38	4055981.50	62.15	62.15
DISCCART	732621.38	4056231.50	62.24	62.24
DISCCART	732860.25	4055981.50	61.74	61.74
DISCCART	732860.25	4056231.50	61.73	61.73
DISCCART	733099.13	4055981.50	61.14	61.14
DISCCART	733099.13	4056231.50	61.14	61.14
DISCCART	733338.06	4055981.50	60.54	60.54
DISCCART	733338.06	4056231.50	60.54	60.54
DISCCART	733576.94	4055981.50	60.15	60.15
DISCCART	733576.94	4056231.50	60.14	60.14
DISCCART	733815.81	4055981.50	59.74	59.74
DISCCART	733815.81	4056231.50	59.74	59.74
DISCCART	734054.69	4055981.50	59.27	59.27
DISCCART	734054.69	4056231.50	59.24	59.24
DISCCART	734293.63	4055981.50	58.84	58.84
DISCCART	734293.63	4056231.50	58.77	58.77
DISCCART	734532.50	4055981.50	58.42	58.42
DISCCART	734532.50	4056231.50	58.34	58.34
DISCCART	734771.38	4055981.50	57.92	57.92
DISCCART	734771.38	4056231.50	57.82	57.82
DISCCART	734521.38	4055731.50	58.44	58.44
DISCCART	734521.38	4055492.50	58.54	58.54
DISCCART	734521.38	4055253.75	58.64	58.64
DISCCART	734521.38	4055014.75	58.77	58.77
DISCCART	734521.38	4054776.00	58.94	58.94
DISCCART	734521.38	4054537.00	59.14	59.14
DISCCART	734521.38	4054298.25	59.39	59.39
DISCCART	734521.38	4054059.25	59.64	59.64
DISCCART	734521.38	4053820.50	59.94	59.94
DISCCART	734521.38	4053581.50	60.14	60.14
DISCCART	734521.38	4053342.50	60.54	60.54
DISCCART	734521.38	4053103.75	60.94	60.94
DISCCART	734521.38	4052864.75	61.44	61.44
DISCCART	734521.38	4052626.00	61.97	61.97
DISCCART	734521.38	4052387.00	62.65	62.65
DISCCART	734521.38	4052148.25	63.24	63.24
DISCCART	734521.38	4051909.25	63.92	63.92
DISCCART	734521.38	4051670.50	64.64	64.64
DISCCART	734521.38	4051431.50	65.44	65.44
DISCCART	734771.38	4055731.50	58.01	58.01
DISCCART	734771.38	4055492.50	58.12	58.12
DISCCART	734771.38	4055253.75	58.32	58.32
DISCCART	734771.38	4055014.75	58.42	58.42
DISCCART	734771.38	4054776.00	58.52	58.52
DISCCART	734771.38	4054537.00	58.72	58.72
DISCCART	734771.38	4054298.25	59.02	59.02
DISCCART	734771.38	4054059.25	59.32	59.32
DISCCART	734771.38	4053820.50	59.52	59.52
DISCCART	734771.38	4053581.50	59.82	59.82
DISCCART	734771.38	4053342.50	60.13	60.13
DISCCART	734771.38	4053103.75	60.63	60.63
DISCCART	734771.38	4052864.75	61.13	61.13
DISCCART	734771.38	4052626.00	61.61	61.61
DISCCART	734771.38	4052387.00	62.21	62.21
DISCCART	734771.38	4052148.25	62.83	62.83
DISCCART	734771.38	4051909.25	63.36	63.36
DISCCART	734771.38	4051670.50	64.22	64.22
DISCCART	734771.38	4051431.50	64.95	64.95
DISCCART	734271.38	4051681.50	65.04	65.04
DISCCART	734271.38	4051431.50	65.93	65.93
DISCCART	734032.50	4051681.50	65.53	65.53
DISCCART	734032.50	4051431.50	66.54	66.54
DISCCART	733793.63	4051681.50	66.08	66.08
DISCCART	733793.63	4051431.50	67.04	67.04
DISCCART	733554.69	4051681.50	66.64	66.64
DISCCART	733554.69	4051431.50	67.55	67.55
DISCCART	733315.81	4051681.50	67.29	67.29
DISCCART	733315.81	4051431.50	68.38	68.38
DISCCART	733076.94	4051681.50	68.23	68.23
DISCCART	733076.94	4051431.50	69.52	69.52
DISCCART	732838.06	4051681.50	69.46	69.46
DISCCART	732838.06	4051431.50	70.52	70.52

DISCCART	732599.13	4051681.50	70.26	70.26
DISCCART	732599.13	4051431.50	71.52	71.52
DISCCART	732360.25	4051681.50	71.11	71.11
DISCCART	732360.25	4051431.50	72.48	72.48
DISCCART	732121.38	4051681.50	72.05	72.05
DISCCART	732121.38	4051431.50	73.14	73.14
DISCCART	731882.50	4051681.50	72.54	72.54
DISCCART	731882.50	4051431.50	73.64	73.64
DISCCART	731643.63	4051681.50	72.74	72.74
DISCCART	731643.63	4051431.50	73.93	73.93
DISCCART	731404.69	4051681.50	72.73	72.73
DISCCART	731404.69	4051431.50	74.04	74.04
DISCCART	731165.81	4051681.50	72.53	72.53
DISCCART	731165.81	4051431.50	74.05	74.05
DISCCART	730926.94	4051681.50	72.93	72.93
DISCCART	730926.94	4051431.50	74.13	74.13
DISCCART	730688.06	4051681.50	73.03	73.03
DISCCART	730688.06	4051431.50	74.16	74.16
DISCCART	730449.13	4051681.50	72.78	72.78
DISCCART	730449.13	4051431.50	74.18	74.18
DISCCART	730210.25	4051681.50	73.13	73.13
DISCCART	730210.25	4051431.50	74.27	74.27
DISCCART	729971.38	4051681.50	73.34	73.34
DISCCART	729971.38	4051431.50	74.40	74.40
DISCCART	730221.38	4051931.50	72.17	72.17
DISCCART	730221.38	4052170.50	71.17	71.17
DISCCART	730221.38	4052409.25	70.46	70.46
DISCCART	730221.38	4052648.25	69.90	69.90
DISCCART	730221.38	4052887.00	69.32	69.32
DISCCART	730221.38	4053126.00	68.84	68.84
DISCCART	730221.38	4053364.75	68.34	68.34
DISCCART	730221.38	4053603.75	67.92	67.92
DISCCART	730221.38	4053842.50	67.44	67.44
DISCCART	730221.38	4054081.50	67.04	67.04
DISCCART	730221.38	4054320.50	66.66	66.66
DISCCART	730221.38	4054559.25	66.34	66.34
DISCCART	730221.38	4054798.25	66.39	66.39
DISCCART	730221.38	4055037.00	66.58	66.58
DISCCART	730221.38	4055276.00	66.68	66.68
DISCCART	730221.38	4055514.75	67.14	67.14
DISCCART	730221.38	4055753.75	67.39	67.39
DISCCART	730221.38	4055992.50	67.64	67.64
DISCCART	730221.38	4056231.50	67.83	67.83
DISCCART	729971.38	4051931.50	72.34	72.34
DISCCART	729971.38	4052170.50	71.51	71.51
DISCCART	729971.38	4052409.25	70.75	70.75
DISCCART	729971.38	4052648.25	70.24	70.24
DISCCART	729971.38	4052887.00	69.74	69.74
DISCCART	729971.38	4053126.00	69.24	69.24
DISCCART	729971.38	4053364.75	68.83	68.83
DISCCART	729971.38	4053603.75	68.39	68.39
DISCCART	729971.38	4053842.50	67.94	67.94
DISCCART	729971.38	4054081.50	67.61	67.61
DISCCART	729971.38	4054320.50	67.34	67.34
DISCCART	729971.38	4054559.25	67.19	67.19
DISCCART	729971.38	4054798.25	67.24	67.24
DISCCART	729971.38	4055037.00	67.46	67.46
DISCCART	729971.38	4055276.00	67.74	67.74
DISCCART	729971.38	4055514.75	68.03	68.03
DISCCART	729971.38	4055753.75	68.24	68.24
DISCCART	729971.38	4055992.50	68.44	68.44
DISCCART	729971.38	4056231.50	68.66	68.66
DISCCART	729971.38	4056731.50	68.95	68.95
DISCCART	729971.38	4057231.50	69.46	69.46
DISCCART	730454.69	4056731.50	67.64	67.64
DISCCART	730454.69	4057231.50	67.94	67.94
DISCCART	730938.06	4056731.50	66.06	66.06
DISCCART	730938.06	4057231.50	66.26	66.26
DISCCART	731421.38	4056731.50	64.96	64.96
DISCCART	731421.38	4057231.50	65.26	65.26
DISCCART	731904.69	4056731.50	63.84	63.84
DISCCART	731904.69	4057231.50	63.84	63.84
DISCCART	732388.06	4056731.50	62.96	62.96
DISCCART	732388.06	4057231.50	63.17	63.17
DISCCART	732871.38	4056731.50	61.70	61.70
DISCCART	732871.38	4057231.50	61.76	61.76
DISCCART	733354.69	4056731.50	60.56	60.56
DISCCART	733354.69	4057231.50	60.45	60.45
DISCCART	733838.06	4056731.50	59.56	59.56
DISCCART	733838.06	4057231.50	59.46	59.46
DISCCART	734321.38	4056731.50	58.86	58.86
DISCCART	734321.38	4057231.50	58.65	58.65
DISCCART	734804.69	4056731.50	57.76	57.76
DISCCART	734804.69	4057231.50	57.66	57.66
DISCCART	735288.06	4056731.50	56.56	56.56
DISCCART	735288.06	4057231.50	56.92	56.92
DISCCART	735771.38	4056731.50	55.46	55.46
DISCCART	735771.38	4057231.50	55.96	55.96
DISCCART	735271.38	4056231.50	56.81	56.81
DISCCART	735271.38	4055748.25	57.16	57.16
DISCCART	735271.38	4055264.75	57.61	57.61
DISCCART	735271.38	4054781.50	58.01	58.01
DISCCART	735271.38	4054298.25	58.41	58.41
DISCCART	735271.38	4053814.75	58.71	58.71
DISCCART	735271.38	4053331.50	59.51	59.51
DISCCART	735271.38	4052848.25	60.48	60.48
DISCCART	735271.38	4052364.75	61.62	61.62
DISCCART	735271.38	4051881.50	63.00	63.00
DISCCART	735271.38	4051398.25	64.46	64.46
DISCCART	735271.38	4050914.75	66.23	66.23
DISCCART	735271.38	4050431.50	68.75	68.75
DISCCART	735771.38	4056231.50	55.61	55.61
DISCCART	735771.38	4055748.25	56.31	56.31
DISCCART	735771.38	4055264.75	56.99	56.99
DISCCART	735771.38	4054781.50	57.40	57.40
DISCCART	735771.38	4054298.25	57.71	57.71
DISCCART	735771.38	4053814.75	58.15	58.15
DISCCART	735771.38	4053331.50	58.91	58.91
DISCCART	735771.38	4052848.25	59.81	59.81
DISCCART	735771.38	4052364.75	61.00	61.00
DISCCART	735771.38	4051881.50	62.34	62.34
DISCCART	735771.38	4051398.25	63.80	63.80
DISCCART	735771.38	4050914.75	65.59	65.59
DISCCART	735771.38	4050431.50	67.74	67.74
DISCCART	734771.38	4050931.50	66.99	66.99
DISCCART	734771.38	4050431.50	69.49	69.49
DISCCART	734288.06	4050931.50	67.82	67.82

DISCCART	734288.06	4050431.50	70.92	70.92
DISCCART	733804.69	4050931.50	68.98	68.98
DISCCART	733804.69	4050431.50	72.19	72.19
DISCCART	733321.38	4050931.50	71.02	71.02
DISCCART	733321.38	4050431.50	73.75	73.75
DISCCART	732838.06	4050931.50	73.22	73.22
DISCCART	732838.06	4050431.50	75.57	75.57
DISCCART	732354.69	4050931.50	74.65	74.65
DISCCART	732354.69	4050431.50	77.39	77.39
DISCCART	731871.38	4050931.50	75.97	75.97
DISCCART	731871.38	4050431.50	78.64	78.64
DISCCART	731388.06	4050931.50	76.83	76.83
DISCCART	731388.06	4050431.50	80.02	80.02
DISCCART	730904.69	4050931.50	77.27	77.27
DISCCART	730904.69	4050431.50	80.78	80.78
DISCCART	730421.38	4050931.50	76.86	76.86
DISCCART	730421.38	4050431.50	80.10	80.10
DISCCART	729938.06	4050931.50	77.28	77.28
DISCCART	729938.06	4050431.50	80.37	80.37
DISCCART	729454.69	4050931.50	77.29	77.29
DISCCART	729454.69	4050431.50	80.75	80.75
DISCCART	728971.38	4050931.50	78.35	78.35
DISCCART	728971.38	4050431.50	81.77	81.77
DISCCART	729471.38	4051431.50	74.90	74.90
DISCCART	729471.38	4051914.75	72.98	72.98
DISCCART	729471.38	4052398.25	71.78	71.78
DISCCART	729471.38	4052881.50	70.79	70.79
DISCCART	729471.38	4053364.75	69.94	69.94
DISCCART	729471.38	4053848.25	69.17	69.17
DISCCART	729471.38	4054331.50	68.79	68.79
DISCCART	729471.38	4054814.75	68.98	68.98
DISCCART	729471.38	4055298.25	69.54	69.54
DISCCART	729471.38	4055781.50	69.84	69.84
DISCCART	729471.38	4056264.75	70.16	70.16
DISCCART	729471.38	4056748.25	70.46	70.46
DISCCART	729471.38	4057231.50	70.90	70.90
DISCCART	728971.38	4051431.50	76.34	76.34
DISCCART	728971.38	4051914.75	74.79	74.79
DISCCART	728971.38	4052398.25	73.44	73.44
DISCCART	728971.38	4052881.50	72.43	72.43
DISCCART	728971.38	4053364.75	71.79	71.79
DISCCART	728971.38	4053848.25	71.09	71.09
DISCCART	728971.38	4054331.50	70.58	70.58
DISCCART	728971.38	4054814.75	70.64	70.64
DISCCART	728971.38	4055298.25	70.99	70.99
DISCCART	728971.38	4055781.50	71.38	71.38
DISCCART	728971.38	4056264.75	71.71	71.71
DISCCART	728971.38	4056748.25	72.16	72.16
DISCCART	728971.38	4057231.50	72.96	72.96
** DESCREC	"FENCEINT" *CARTESIAN PLANT	BOUNDARY INTERMEDIATE RECEPTORS"		
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
** DESCREC	"FENCEPRI" *CARTESIAN PLANT	BOUNDARY PRIMARY RECEPTORS"		
DISCCART	731186.90	4054769.34	64.74	64.74
DISCCART	731900.30	4054798.88	62.94	62.94
DISCCART	731929.72	4054094.66	63.24	63.24
DISCCART	731216.10	4054065.49	64.94	64.94
** DESCREC	"FENCEINT" *CARTESIAN PLANT	BOUNDARY INTERMEDIATE RECEPTORS"		
DISCCART	731211.50	4054770.36	64.64	64.64
DISCCART	731236.10	4054771.38	64.56	64.56
DISCCART	731260.70	4054772.40	64.47	64.47
DISCCART	731285.30	4054773.41	64.38	64.38
DISCCART	731309.90	4054774.43	64.24	64.24
DISCCART	731334.50	4054775.45	64.16	64.16
DISCCART	731359.10	4054776.47	64.08	64.08
DISCCART	731383.70	4054777.49	63.96	63.96
DISCCART	731408.30	4054778.51	63.84	63.84
DISCCART	731432.90	4054779.53	63.75	63.75
DISCCART	731457.50	4054780.54	63.65	63.65
DISCCART	731482.10	4054781.56	63.64	63.64
DISCCART	731506.70	4054782.58	63.54	63.54
DISCCART	731531.30	4054783.60	63.54	63.54
DISCCART	731555.90	4054784.62	63.44	63.44
DISCCART	731580.50	4054785.64	63.34	63.34
DISCCART	731605.10	4054786.66	63.34	63.34
DISCCART	731629.70	4054787.68	63.24	63.24
DISCCART	731654.30	4054788.69	63.24	63.24
DISCCART	731678.90	4054789.71	63.24	63.24
DISCCART	731703.50	4054790.73	63.15	63.15
DISCCART	731728.10	4054791.75	63.14	63.14
DISCCART	731752.70	4054792.77	63.14	63.14
DISCCART	731777.30	4054793.79	63.12	63.12
DISCCART	731801.90	4054794.81	63.04	63.04
DISCCART	731826.50	4054795.82	63.04	63.04
DISCCART	731851.10	4054796.84	62.98	62.98
DISCCART	731875.70	4054797.86	62.94	62.94
DISCCART	731901.31	4054774.60	62.94	62.94
DISCCART	731902.33	4054750.31	62.94	62.94
DISCCART	731903.34	4054726.03	62.94	62.94
DISCCART	731904.36	4054701.75	62.94	62.94
DISCCART	731905.37	4054677.46	62.94	62.94

DISCCART	731906.39	4054653.18	62.94	62.94
DISCCART	731907.40	4054628.90	62.94	62.94
DISCCART	731908.42	4054604.61	62.95	62.95
DISCCART	731909.43	4054580.33	63.00	63.00
DISCCART	731910.44	4054556.05	63.04	63.04
DISCCART	731911.46	4054531.76	63.04	63.04
DISCCART	731912.47	4054507.48	63.04	63.04
DISCCART	731913.49	4054483.20	63.04	63.04
DISCCART	731914.50	4054458.91	63.04	63.04
DISCCART	731915.52	4054434.63	63.04	63.04
DISCCART	731916.53	4054410.34	63.04	63.04
DISCCART	731917.55	4054386.06	63.05	63.05
DISCCART	731918.56	4054361.78	63.12	63.12
DISCCART	731919.58	4054337.49	63.14	63.14
DISCCART	731920.59	4054313.21	63.14	63.14
DISCCART	731921.60	4054288.93	63.14	63.14
DISCCART	731922.62	4054264.64	63.14	63.14
DISCCART	731923.63	4054240.36	63.14	63.14
DISCCART	731924.65	4054216.08	63.16	63.16
DISCCART	731925.66	4054191.79	63.23	63.23
DISCCART	731926.68	4054167.51	63.24	63.24
DISCCART	731927.69	4054143.23	63.24	63.24
DISCCART	731928.71	4054118.94	63.24	63.24
DISCCART	731905.11	4054093.65	63.34	63.34
DISCCART	731880.50	4054092.65	63.36	63.36
DISCCART	731855.90	4054091.64	63.53	63.53
DISCCART	731831.29	4054090.64	63.71	63.71
DISCCART	731806.68	4054089.63	63.83	63.83
DISCCART	731782.07	4054088.62	63.96	63.96
DISCCART	731757.47	4054087.62	64.13	64.13
DISCCART	731732.86	4054086.61	64.21	64.21
DISCCART	731708.25	4054085.61	64.33	64.33
DISCCART	731683.64	4054084.60	64.42	64.42
DISCCART	731659.04	4054083.60	64.47	64.47
DISCCART	731634.43	4054082.59	64.49	64.49
DISCCART	731609.82	4054081.58	64.53	64.53
DISCCART	731585.21	4054080.58	64.54	64.54
DISCCART	731560.61	4054079.57	64.54	64.54
DISCCART	731536.00	4054078.57	64.61	64.61
DISCCART	731511.39	4054077.56	64.61	64.61
DISCCART	731486.78	4054076.55	64.61	64.61
DISCCART	731462.18	4054075.55	64.54	64.54
DISCCART	731437.57	4054074.54	64.55	64.55
DISCCART	731412.96	4054073.54	64.58	64.58
DISCCART	731388.35	4054072.53	64.64	64.64
DISCCART	731363.75	4054071.53	64.64	64.64
DISCCART	731339.14	4054070.52	64.70	64.70
DISCCART	731314.53	4054069.51	64.74	64.74
DISCCART	731289.92	4054068.51	64.84	64.84
DISCCART	731265.32	4054067.50	64.85	64.85
DISCCART	731240.71	4054066.50	64.94	64.94
DISCCART	731215.09	4054065.50	64.94	64.94
DISCCART	731214.09	4054114.03	64.94	64.94
DISCCART	731213.08	4054138.30	64.94	64.94
DISCCART	731212.07	4054162.57	64.88	64.88
DISCCART	731211.07	4054186.84	64.84	64.84
DISCCART	731210.06	4054211.11	64.84	64.84
DISCCART	731209.05	4054235.38	64.80	64.80
DISCCART	731208.04	4054259.66	64.75	64.75
DISCCART	731207.04	4054283.93	64.74	64.74
DISCCART	731206.03	4054308.20	64.74	64.74
DISCCART	731205.02	4054332.47	64.74	64.74
DISCCART	731204.02	4054356.74	64.74	64.74
DISCCART	731203.01	4054381.01	64.74	64.74
DISCCART	731202.00	4054405.28	64.74	64.74
DISCCART	731201.00	4054429.55	64.74	64.74
DISCCART	731199.99	4054453.82	64.74	64.74
DISCCART	731198.98	4054478.09	64.74	64.74
DISCCART	731197.98	4054502.36	64.74	64.74
DISCCART	731196.97	4054526.63	64.74	64.74
DISCCART	731195.96	4054550.90	64.73	64.73
DISCCART	731194.96	4054575.17	64.74	64.74
DISCCART	731193.95	4054599.45	64.74	64.74
DISCCART	731192.94	4054623.72	64.74	64.74
DISCCART	731191.93	4054647.99	64.74	64.74
DISCCART	731190.93	4054672.26	64.74	64.74
DISCCART	731189.92	4054696.53	64.74	64.74
DISCCART	731188.91	4054720.80	64.74	64.74
DISCCART	731187.91	4054745.07	64.74	64.74
** DESCRRREC	"FENCEPRI"	"CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"		
DISCCART	731943.69	4055189.34	62.94	62.94
DISCCART	733338.57	4055256.58	60.64	60.64
DISCCART	733353.25	4055248.33	60.57	60.57
DISCCART	733468.44	4055248.68	60.35	60.35
DISCCART	733489.84	4055033.32	60.54	60.54
DISCCART	733500.36	4054801.88	60.64	60.64
DISCCART	733510.16	4054233.64	61.04	61.04
DISCCART	733496.77	4054123.78	61.14	61.14
DISCCART	732004.98	4054061.70	63.24	63.24
DISCCART	731983.73	4054169.31	63.14	63.14
DISCCART	731948.04	4054949.17	62.84	62.84
** DESCRRREC	"FENCEINT"	"CARTESIAN PLANT BOUNDARY INTERMEDIATE RECEPTORS"		
DISCCART	731968.60	4055190.54	62.91	62.91
DISCCART	731993.51	4055191.74	62.84	62.84
DISCCART	732018.42	4055192.94	62.84	62.84
DISCCART	732043.32	4055194.14	62.74	62.74
DISCCART	732068.23	4055195.34	62.74	62.74
DISCCART	732093.14	4055196.54	62.68	62.68
DISCCART	732118.05	4055197.75	62.64	62.64
DISCCART	732142.96	4055198.95	62.63	62.63
DISCCART	732167.87	4055200.15	62.54	62.54
DISCCART	732192.78	4055201.35	62.51	62.51
DISCCART	732217.68	4055202.55	62.44	62.44
DISCCART	732242.59	4055203.75	62.43	62.43
DISCCART	732267.50	4055204.95	62.34	62.34
DISCCART	732292.41	4055206.15	62.34	62.34
DISCCART	732317.32	4055207.35	62.25	62.25
DISCCART	732342.23	4055208.55	62.24	62.24
DISCCART	732367.14	4055209.75	62.16	62.16
DISCCART	732392.04	4055210.95	62.14	62.14
DISCCART	732416.95	4055212.15	62.11	62.11
DISCCART	732441.86	4055213.35	62.04	62.04
DISCCART	732466.77	4055214.56	62.02	62.02
DISCCART	732491.68	4055215.76	61.94	61.94
DISCCART	732516.59	4055216.96	61.94	61.94
DISCCART	732541.50	4055218.16	61.84	61.84
DISCCART	732566.40	4055219.36	61.84	61.84

DISCCART	732591.31	4055220.56	61.74	61.74
DISCCART	732616.22	4055221.76	61.74	61.74
DISCCART	732641.13	4055222.96	61.73	61.73
DISCCART	732666.04	4055224.16	61.64	61.64
DISCCART	732690.95	4055225.36	61.64	61.64
DISCCART	732715.86	4055226.56	61.56	61.56
DISCCART	732740.76	4055227.76	61.54	61.54
DISCCART	732765.67	4055228.96	61.54	61.54
DISCCART	732790.58	4055230.16	61.49	61.49
DISCCART	732815.49	4055231.37	61.44	61.44
DISCCART	732840.40	4055232.57	61.44	61.44
DISCCART	732865.31	4055233.77	61.36	61.36
DISCCART	732890.22	4055234.97	61.34	61.34
DISCCART	732915.12	4055236.17	61.34	61.34
DISCCART	732940.03	4055237.37	61.25	61.25
DISCCART	732964.94	4055238.57	61.24	61.24
DISCCART	732989.85	4055239.77	61.24	61.24
DISCCART	733014.76	4055240.97	61.14	61.14
DISCCART	733039.67	4055242.17	61.14	61.14
DISCCART	733064.58	4055243.37	61.06	61.06
DISCCART	733089.48	4055244.57	61.04	61.04
DISCCART	733114.39	4055245.77	61.01	61.01
DISCCART	733139.30	4055246.97	60.94	60.94
DISCCART	733164.21	4055248.18	60.93	60.93
DISCCART	733189.12	4055249.38	60.84	60.84
DISCCART	733214.03	4055250.58	60.84	60.84
DISCCART	733238.94	4055251.78	60.75	60.75
DISCCART	733263.84	4055252.98	60.74	60.74
DISCCART	733288.75	4055254.18	60.70	60.70
DISCCART	733313.66	4055255.38	60.64	60.64
DISCCART	733337.29	4055248.40	60.54	60.54
DISCCART	733399.33	4055248.47	60.50	60.50
DISCCART	733422.36	4055248.54	60.44	60.44
DISCCART	733445.40	4055248.61	60.44	60.44
DISCCART	733470.82	4055224.75	60.38	60.38
DISCCART	733473.20	4055200.82	60.40	60.40
DISCCART	733475.57	4055176.89	60.44	60.44
DISCCART	733477.95	4055152.96	60.44	60.44
DISCCART	733480.33	4055129.04	60.44	60.44
DISCCART	733482.71	4055105.11	60.47	60.47
DISCCART	733485.08	4055081.18	60.45	60.45
DISCCART	733487.46	4055057.25	60.52	60.52
DISCCART	733490.89	4055010.18	60.54	60.54
DISCCART	733491.94	4054987.03	60.54	60.54
DISCCART	733493.00	4054963.89	60.54	60.54
DISCCART	733494.05	4054940.74	60.54	60.54
DISCCART	733495.10	4054917.60	60.54	60.54
DISCCART	733496.15	4054894.46	60.54	60.54
DISCCART	733497.20	4054871.31	60.55	60.55
DISCCART	733498.26	4054848.17	60.55	60.55
DISCCART	733499.31	4054825.02	60.61	60.61
DISCCART	733500.79	4054777.17	60.64	60.64
DISCCART	733501.21	4054752.47	60.64	60.64
DISCCART	733501.64	4054727.76	60.64	60.64
DISCCART	733502.06	4054703.06	60.64	60.64
DISCCART	733502.49	4054678.35	60.64	60.64
DISCCART	733502.92	4054653.64	60.68	60.68
DISCCART	733503.34	4054628.94	60.74	60.74
DISCCART	733503.77	4054604.23	60.74	60.74
DISCCART	733504.19	4054579.53	60.74	60.74
DISCCART	733504.62	4054554.82	60.74	60.74
DISCCART	733505.05	4054530.11	60.74	60.74
DISCCART	733505.47	4054505.41	60.76	60.76
DISCCART	733505.90	4054480.70	60.82	60.82
DISCCART	733506.33	4054455.99	60.84	60.84
DISCCART	733506.75	4054431.29	60.84	60.84
DISCCART	733507.18	4054406.58	60.84	60.84
DISCCART	733507.60	4054381.88	60.85	60.85
DISCCART	733508.03	4054357.17	60.91	60.91
DISCCART	733508.46	4054332.46	60.94	60.94
DISCCART	733508.88	4054307.76	60.94	60.94
DISCCART	733509.31	4054283.05	60.94	60.94
DISCCART	733509.73	4054258.35	60.94	60.94
DISCCART	733507.48	4054211.67	61.04	61.04
DISCCART	733504.80	4054189.70	61.04	61.04
DISCCART	733502.13	4054167.72	61.08	61.08
DISCCART	733499.45	4054145.75	61.14	61.14
DISCCART	733471.91	4054122.75	61.15	61.15
DISCCART	733447.04	4054121.71	61.23	61.23
DISCCART	733422.18	4054120.68	61.24	61.24
DISCCART	733397.32	4054119.64	61.24	61.24
DISCCART	733372.45	4054118.61	61.33	61.33
DISCCART	733347.59	4054117.57	61.34	61.34
DISCCART	733322.73	4054116.54	61.34	61.34
DISCCART	733297.86	4054115.50	61.44	61.44
DISCCART	733273.00	4054114.47	61.44	61.44
DISCCART	733248.14	4054113.43	61.45	61.45
DISCCART	733223.28	4054112.40	61.54	61.54
DISCCART	733198.41	4054111.36	61.54	61.54
DISCCART	733173.55	4054110.33	61.59	61.59
DISCCART	733148.69	4054109.29	61.64	61.64
DISCCART	733123.82	4054108.26	61.64	61.64
DISCCART	733098.96	4054107.23	61.73	61.73
DISCCART	733074.10	4054106.19	61.74	61.74
DISCCART	733049.23	4054105.16	61.74	61.74
DISCCART	733024.37	4054104.12	61.82	61.82
DISCCART	732999.51	4054103.09	61.84	61.84
DISCCART	732974.64	4054102.05	61.85	61.85
DISCCART	732949.78	4054101.02	61.94	61.94
DISCCART	732924.92	4054099.98	61.94	61.94
DISCCART	732900.05	4054098.95	61.94	61.94
DISCCART	732875.19	4054097.91	62.04	62.04
DISCCART	732850.33	4054096.88	62.04	62.04
DISCCART	732825.46	4054095.84	62.06	62.06
DISCCART	732800.60	4054094.81	62.14	62.14
DISCCART	732775.74	4054093.77	62.14	62.14
DISCCART	732750.88	4054092.74	62.20	62.20
DISCCART	732726.01	4054091.71	62.24	62.24
DISCCART	732701.15	4054090.67	62.24	62.24
DISCCART	732676.29	4054089.64	62.29	62.29
DISCCART	732651.42	4054088.60	62.34	62.34
DISCCART	732626.56	4054087.57	62.34	62.34
DISCCART	732601.70	4054086.53	62.43	62.43
DISCCART	732576.83	4054085.50	62.44	62.44
DISCCART	732551.97	4054084.46	62.44	62.44
DISCCART	732527.11	4054083.43	62.45	62.45
DISCCART	732502.24	4054082.39	62.54	62.54

DISCCART	732477.38	4054081.36	62.54	62.54
DISCCART	732452.52	4054080.32	62.58	62.58
DISCCART	732427.65	4054079.29	62.64	62.64
DISCCART	732402.79	4054078.25	62.64	62.64
DISCCART	732377.93	4054077.22	62.68	62.68
DISCCART	732353.06	4054076.19	62.74	62.74
DISCCART	732328.20	4054075.15	62.74	62.74
DISCCART	732303.34	4054074.12	62.83	62.83
DISCCART	732278.47	4054073.08	62.84	62.84
DISCCART	732253.61	4054072.05	62.84	62.84
DISCCART	732228.75	4054071.01	62.92	62.92
DISCCART	732203.89	4054069.98	62.94	62.94
DISCCART	732179.02	4054068.94	62.94	62.94
DISCCART	732154.16	4054067.91	63.04	63.04
DISCCART	732129.30	4054066.87	63.04	63.04
DISCCART	732104.43	4054065.84	63.06	63.06
DISCCART	732079.57	4054064.80	63.14	63.14
DISCCART	732054.71	4054063.77	63.14	63.14
DISCCART	732029.84	4054062.73	63.24	63.24
DISCCART	732000.73	4054083.22	63.24	63.24
DISCCART	731996.48	4054104.74	63.17	63.17
DISCCART	731992.23	4054126.27	63.14	63.14
DISCCART	731987.98	4054147.79	63.14	63.14
DISCCART	731982.61	4054193.68	63.14	63.14
DISCCART	731981.50	4054218.05	63.14	63.14
DISCCART	731980.38	4054242.42	63.10	63.10
DISCCART	731979.27	4054266.79	63.05	63.05
DISCCART	731978.15	4054291.16	63.04	63.04
DISCCART	731977.04	4054315.53	63.04	63.04
DISCCART	731975.92	4054339.90	63.04	63.04
DISCCART	731974.81	4054364.28	63.04	63.04
DISCCART	731973.69	4054388.65	63.04	63.04
DISCCART	731972.58	4054413.02	63.02	63.02
DISCCART	731971.46	4054437.39	62.97	62.97
DISCCART	731970.35	4054461.76	62.94	62.94
DISCCART	731969.23	4054486.13	62.94	62.94
DISCCART	731968.12	4054510.50	62.94	62.94
DISCCART	731967.00	4054534.87	62.94	62.94
DISCCART	731965.89	4054559.24	62.94	62.94
DISCCART	731964.77	4054583.61	62.94	62.94
DISCCART	731963.65	4054607.98	62.94	62.94
DISCCART	731962.54	4054632.35	62.94	62.94
DISCCART	731961.42	4054656.72	62.88	62.88
DISCCART	731960.31	4054681.09	62.85	62.85
DISCCART	731959.19	4054705.46	62.84	62.84
DISCCART	731958.08	4054729.83	62.84	62.84
DISCCART	731956.96	4054754.21	62.84	62.84
DISCCART	731955.85	4054778.58	62.84	62.84
DISCCART	731954.73	4054802.95	62.84	62.84
DISCCART	731953.62	4054827.32	62.84	62.84
DISCCART	731952.50	4054851.69	62.84	62.84
DISCCART	731951.39	4054876.06	62.84	62.84
DISCCART	731950.27	4054900.43	62.84	62.84
DISCCART	731949.16	4054924.80	62.84	62.84
DISCCART	731947.61	4054973.19	62.84	62.84
DISCCART	731947.17	4054997.20	62.84	62.84
DISCCART	731946.74	4055021.22	62.84	62.84
DISCCART	731946.30	4055045.24	62.85	62.85
DISCCART	731945.87	4055069.26	62.93	62.93
DISCCART	731945.43	4055093.27	62.93	62.93
DISCCART	731945.00	4055117.29	62.94	62.94
DISCCART	731944.56	4055141.31	62.94	62.94
DISCCART	731944.13	4055165.32	62.94	62.94
** DESCRREC	"FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"			
DISCCART	731215.24	4053954.55	65.04	65.04
DISCCART	731932.86	4053984.58	65.04	65.04
DISCCART	731968.42	4053126.00	65.43	65.43
DISCCART	731771.32	4053117.96	65.84	65.84
DISCCART	731777.42	4052972.13	66.14	66.14
DISCCART	731957.15	4052979.60	65.93	65.93
DISCCART	731962.24	4052851.84	66.34	66.34
DISCCART	731262.36	4052816.32	67.74	67.74
** DESCRREC	"FENCEINT" "CARTESIAN PLANT BOUNDARY INTERMEDIATE RECEPTORS"			
DISCCART	731239.99	4053955.59	65.02	65.02
DISCCART	731264.73	4053956.62	65.02	65.02
DISCCART	731289.48	4053957.66	65.01	65.01
DISCCART	731314.22	4053958.69	64.94	64.94
DISCCART	731338.97	4053959.73	64.94	64.94
DISCCART	731363.71	4053960.76	64.94	64.94
DISCCART	731388.46	4053961.80	64.94	64.94
DISCCART	731413.20	4053962.83	64.94	64.94
DISCCART	731437.95	4053963.87	64.94	64.94
DISCCART	731462.70	4053964.91	64.94	64.94
DISCCART	731487.44	4053965.94	64.94	64.94
DISCCART	731512.19	4053966.98	64.94	64.94
DISCCART	731536.93	4053968.01	64.94	64.94
DISCCART	731561.68	4053969.05	64.94	64.94
DISCCART	731586.42	4053970.08	64.94	64.94
DISCCART	731611.17	4053971.12	64.94	64.94
DISCCART	731635.91	4053972.15	64.94	64.94
DISCCART	731660.66	4053973.19	64.94	64.94
DISCCART	731685.40	4053974.22	64.94	64.94
DISCCART	731710.15	4053975.26	64.94	64.94
DISCCART	731734.90	4053976.30	64.94	64.94
DISCCART	731759.64	4053977.33	64.94	64.94
DISCCART	731784.39	4053978.37	64.94	64.94
DISCCART	731809.13	4053979.40	64.94	64.94
DISCCART	731833.88	4053980.44	64.94	64.94
DISCCART	731858.62	4053981.47	64.94	64.94
DISCCART	731883.37	4053982.51	64.94	64.94
DISCCART	731908.11	4053983.54	64.94	64.94
DISCCART	731933.88	4053984.58	64.94	64.94
DISCCART	731934.89	4053935.52	64.93	64.93
DISCCART	731935.91	4053910.99	64.93	64.93
DISCCART	731936.92	4053886.46	64.92	64.92
DISCCART	731937.94	4053861.93	64.91	64.91
DISCCART	731938.96	4053837.39	64.91	64.91
DISCCART	731939.97	4053812.86	64.90	64.90
DISCCART	731940.99	4053788.33	64.89	64.89
DISCCART	731942.00	4053763.80	64.88	64.88
DISCCART	731943.02	4053739.27	64.87	64.87
DISCCART	731944.04	4053714.74	64.93	64.93
DISCCART	731945.05	4053690.21	64.93	64.93
DISCCART	731946.07	4053665.68	64.92	64.92
DISCCART	731947.08	4053641.15	64.91	64.91
DISCCART	731948.10	4053616.62	64.91	64.91
DISCCART	731949.12	4053592.09	64.90	64.90

DISCCART	731950.13	4053567.56	64.89	64.89
DISCCART	731951.15	4053543.02	64.88	64.88
DISCCART	731952.16	4053518.49	64.87	64.87
DISCCART	731953.18	4053493.96	64.87	64.87
DISCCART	731954.20	4053469.43	64.94	64.94
DISCCART	731955.21	4053444.90	64.94	64.94
DISCCART	731956.23	4053420.37	64.93	64.93
DISCCART	731957.24	4053395.84	64.92	64.92
DISCCART	731958.26	4053371.31	64.94	64.94
DISCCART	731959.28	4053346.78	64.94	64.94
DISCCART	731960.29	4053322.25	64.94	64.94
DISCCART	731961.31	4053297.72	65.02	65.02
DISCCART	731962.32	4053273.19	65.04	65.04
DISCCART	731963.34	4053248.65	65.11	65.11
DISCCART	731964.36	4053224.12	65.15	65.15
DISCCART	731965.37	4053199.59	65.23	65.23
DISCCART	731966.39	4053175.06	65.26	65.26
DISCCART	731967.40	4053150.53	65.35	65.35
DISCCART	731943.78	4053125.00	65.44	65.44
DISCCART	731919.15	4053123.99	65.54	65.54
DISCCART	731894.51	4053122.99	65.56	65.56
DISCCART	731869.87	4053121.98	65.64	65.64
DISCCART	731845.23	4053120.98	65.73	65.73
DISCCART	731820.60	4053119.97	65.74	65.74
DISCCART	731795.96	4053118.97	65.84	65.84
DISCCART	731772.34	4053093.66	65.88	65.88
DISCCART	731773.35	4053069.35	65.94	65.94
DISCCART	731774.37	4053045.05	65.96	65.96
DISCCART	731775.39	4053020.74	66.04	66.04
DISCCART	731776.40	4052996.44	66.11	66.11
DISCCART	731799.89	4052973.06	66.10	66.10
DISCCART	731822.35	4052974.00	66.04	66.04
DISCCART	731844.82	4052974.93	66.04	66.04
DISCCART	731867.29	4052975.87	65.95	65.95
DISCCART	731889.75	4052976.80	65.94	65.94
DISCCART	731912.22	4052977.73	65.94	65.94
DISCCART	731934.68	4052978.67	65.84	65.84
DISCCART	731958.00	4052958.31	65.93	65.93
DISCCART	731958.85	4052937.01	66.04	66.04
DISCCART	731959.70	4052915.72	66.13	66.13
DISCCART	731960.54	4052894.43	66.19	66.19
DISCCART	731961.39	4052873.13	66.34	66.34
DISCCART	731938.11	4052850.62	66.27	66.27
DISCCART	731913.97	4052849.39	66.24	66.24
DISCCART	731889.84	4052848.17	66.24	66.24
DISCCART	731865.70	4052846.94	66.31	66.31
DISCCART	731841.57	4052845.72	66.34	66.34
DISCCART	731817.44	4052844.49	66.37	66.37
DISCCART	731793.30	4052843.27	66.44	66.44
DISCCART	731769.17	4052842.04	66.51	66.51
DISCCART	731745.04	4052840.82	66.58	66.58
DISCCART	731720.90	4052839.59	66.64	66.64
DISCCART	731696.77	4052838.37	66.71	66.71
DISCCART	731672.63	4052837.14	66.76	66.76
DISCCART	731648.50	4052835.92	66.84	66.84
DISCCART	731624.37	4052834.69	66.93	66.93
DISCCART	731600.23	4052833.47	66.95	66.95
DISCCART	731576.10	4052832.24	67.04	67.04
DISCCART	731551.97	4052831.02	67.07	67.07
DISCCART	731527.83	4052829.79	67.15	67.15
DISCCART	731503.70	4052828.57	67.21	67.21
DISCCART	731479.56	4052827.34	67.25	67.25
DISCCART	731455.43	4052826.12	67.34	67.34
DISCCART	731431.30	4052824.89	67.36	67.36
DISCCART	731407.16	4052823.67	67.44	67.44
DISCCART	731383.03	4052822.44	67.49	67.49
DISCCART	731358.90	4052821.22	67.54	67.54
DISCCART	731334.76	4052819.99	67.60	67.60
DISCCART	731310.63	4052818.77	67.64	67.64
DISCCART	731286.49	4052817.54	67.70	67.70
DISCCART	731261.34	4052841.06	67.66	67.66
DISCCART	731260.31	4052865.81	67.62	67.62
DISCCART	731259.29	4052890.55	67.53	67.53
DISCCART	731258.26	4052915.30	67.44	67.44
DISCCART	731257.24	4052940.04	67.38	67.38
DISCCART	731256.21	4052964.78	67.31	67.31
DISCCART	731255.19	4052989.53	67.24	67.24
DISCCART	731254.17	4053014.27	67.14	67.14
DISCCART	731253.14	4053039.02	67.05	67.05
DISCCART	731252.12	4053063.76	67.03	67.03
DISCCART	731251.09	4053088.51	66.94	66.94
DISCCART	731250.07	4053113.25	66.84	66.84
DISCCART	731249.04	4053137.99	66.78	66.78
DISCCART	731248.02	4053162.74	66.74	66.74
DISCCART	731246.99	4053187.48	66.65	66.65
DISCCART	731245.97	4053212.23	66.59	66.59
DISCCART	731244.95	4053236.97	66.54	66.54
DISCCART	731243.92	4053261.71	66.45	66.45
DISCCART	731242.90	4053286.46	66.42	66.42
DISCCART	731241.87	4053311.20	66.34	66.34
DISCCART	731240.85	4053335.95	66.34	66.34
DISCCART	731239.82	4053360.69	66.26	66.26
DISCCART	731238.80	4053385.43	66.24	66.24
DISCCART	731237.78	4053410.18	66.24	66.24
DISCCART	731236.75	4053434.92	66.16	66.16
DISCCART	731235.73	4053459.67	66.14	66.14
DISCCART	731234.70	4053484.41	66.14	66.14
DISCCART	731233.68	4053509.16	66.05	66.05
DISCCART	731232.65	4053533.90	66.04	66.04
DISCCART	731231.63	4053558.64	66.02	66.02
DISCCART	731230.61	4053583.39	65.94	65.94
DISCCART	731229.58	4053608.13	65.94	65.94
DISCCART	731228.56	4053632.88	65.86	65.86
DISCCART	731227.53	4053657.62	65.84	65.84
DISCCART	731226.51	4053682.36	65.78	65.78
DISCCART	731225.48	4053707.11	65.74	65.74
DISCCART	731224.46	4053731.85	65.65	65.65
DISCCART	731223.43	4053756.60	65.60	65.60
DISCCART	731222.41	4053781.34	65.54	65.54
DISCCART	731221.39	4053806.09	65.45	65.45
DISCCART	731220.36	4053830.83	65.37	65.37
DISCCART	731219.34	4053855.57	65.34	65.34
DISCCART	731218.31	4053880.32	65.24	65.24
DISCCART	731217.29	4053905.06	65.15	65.15
DISCCART	731216.26	4053929.81	65.14	65.14
** DESCRRRC	*FENCEPRI*	*CARTESIAN PLANT	BOUNDARY	PRIMARY RECEPTORS*
DISCCART	731989.89	4053830.29	64.42	64.42

DISCCART	732108.41	4053834.79	63.25	63.25
DISCCART	732102.96	4053963.08	63.14	63.14
DISCCART	733488.46	4054020.60	61.24	61.24
DISCCART	733508.70	4053885.13	61.34	61.34
DISCCART	733535.65	4053006.59	62.64	62.64
DISCCART	733514.28	4052920.63	62.04	62.84
DISCCART	732831.80	4052891.60	64.35	64.35
DISCCART	732813.81	4053250.67	63.34	63.34
DISCCART	732785.59	4053256.36	63.34	63.34
DISCCART	732021.24	4053223.41	65.04	65.04
DISCCART	732011.35	4053237.47	65.03	65.03
DISCCART	731987.64	4053809.79	64.51	64.51
** DESCREC	*FENCEINT*	*CARTESIAN PLANT	BOUNDARY	INTERMEDIATE RECEPTORS*
DISCCART	732013.59	4053831.19	63.98	63.98
DISCCART	732037.30	4053832.09	63.64	63.64
DISCCART	732061.00	4053832.99	63.40	63.40
DISCCART	732084.71	4053833.89	63.34	63.34
DISCCART	732107.50	4053856.17	63.24	63.24
DISCCART	732106.59	4053877.55	63.24	63.24
DISCCART	732105.69	4053898.94	63.24	63.24
DISCCART	732104.78	4053920.32	63.19	63.19
DISCCART	732103.87	4053941.70	63.15	63.15
DISCCART	732127.70	4053964.11	63.14	63.14
DISCCART	732152.44	4053965.13	63.09	63.09
DISCCART	732177.18	4053966.16	63.04	63.04
DISCCART	732201.92	4053967.19	63.04	63.04
DISCCART	732226.67	4053968.22	63.03	63.03
DISCCART	732251.41	4053969.24	62.94	62.94
DISCCART	732276.15	4053970.27	62.94	62.94
DISCCART	732300.89	4053971.30	62.94	62.94
DISCCART	732325.63	4053972.32	62.84	62.84
DISCCART	732350.37	4053973.35	62.84	62.84
DISCCART	732375.11	4053974.38	62.82	62.82
DISCCART	732399.85	4053975.41	62.74	62.74
DISCCART	732424.59	4053976.43	62.74	62.74
DISCCART	732449.34	4053977.46	62.73	62.73
DISCCART	732474.08	4053978.49	62.64	62.64
DISCCART	732498.82	4053979.51	62.64	62.64
DISCCART	732523.56	4053980.54	62.64	62.64
DISCCART	732548.30	4053981.57	62.54	62.54
DISCCART	732573.04	4053982.60	62.54	62.54
DISCCART	732597.78	4053983.62	62.54	62.54
DISCCART	732622.52	4053984.65	62.53	62.53
DISCCART	732647.26	4053985.68	62.44	62.44
DISCCART	732672.00	4053986.70	62.44	62.44
DISCCART	732696.75	4053987.73	62.40	62.40
DISCCART	732721.49	4053988.76	62.34	62.34
DISCCART	732746.23	4053989.79	62.34	62.34
DISCCART	732770.97	4053990.81	62.26	62.26
DISCCART	732795.71	4053991.84	62.24	62.24
DISCCART	732820.45	4053992.87	62.24	62.24
DISCCART	732845.19	4053993.89	62.17	62.17
DISCCART	732869.93	4053994.92	62.14	62.14
DISCCART	732894.67	4053995.95	62.14	62.14
DISCCART	732919.41	4053996.98	62.05	62.05
DISCCART	732944.16	4053998.00	62.04	62.04
DISCCART	732968.90	4053999.03	62.02	62.02
DISCCART	732993.64	4054000.06	61.94	61.94
DISCCART	733018.38	4054001.08	61.94	61.94
DISCCART	733043.12	4054002.11	61.89	61.89
DISCCART	733067.86	4054003.14	61.84	61.84
DISCCART	733092.60	4054004.17	61.84	61.84
DISCCART	733117.34	4054005.19	61.75	61.75
DISCCART	733142.09	4054006.22	61.74	61.74
DISCCART	733166.83	4054007.25	61.74	61.74
DISCCART	733191.57	4054008.27	61.64	61.64
DISCCART	733216.31	4054009.30	61.64	61.64
DISCCART	733241.05	4054010.33	61.61	61.61
DISCCART	733265.79	4054011.36	61.54	61.54
DISCCART	733290.53	4054012.38	61.54	61.54
DISCCART	733315.27	4054013.41	61.46	61.46
DISCCART	733340.01	4054014.44	61.44	61.44
DISCCART	733364.75	4054015.46	61.44	61.44
DISCCART	733389.50	4054016.49	61.35	61.35
DISCCART	733414.24	4054017.52	61.34	61.34
DISCCART	733438.98	4054018.55	61.33	61.33
DISCCART	733463.72	4054019.57	61.26	61.26
DISCCART	733491.83	4053998.02	61.24	61.24
DISCCART	733495.21	4053975.44	61.26	61.26
DISCCART	733498.58	4053952.87	61.31	61.31
DISCCART	733501.95	4053930.29	61.34	61.34
DISCCART	733505.33	4053907.71	61.34	61.34
DISCCART	733509.45	4053860.73	61.34	61.34
DISCCART	733510.20	4053836.32	61.38	61.38
DISCCART	733510.95	4053811.92	61.44	61.44
DISCCART	733511.69	4053787.51	61.44	61.44
DISCCART	733512.44	4053763.11	61.45	61.45
DISCCART	733513.19	4053738.71	61.54	61.54
DISCCART	733513.94	4053714.30	61.54	61.54
DISCCART	733514.69	4053689.90	61.54	61.54
DISCCART	733515.44	4053665.50	61.56	61.56
DISCCART	733516.19	4053641.09	61.64	61.64
DISCCART	733516.93	4053616.69	61.64	61.64
DISCCART	733517.68	4053592.28	61.64	61.64
DISCCART	733518.43	4053567.88	61.74	61.74
DISCCART	733519.18	4053543.48	61.74	61.74
DISCCART	733519.93	4053519.07	61.74	61.74
DISCCART	733520.68	4053494.67	61.79	61.79
DISCCART	733521.43	4053470.26	61.84	61.84
DISCCART	733522.18	4053445.86	61.84	61.84
DISCCART	733522.92	4053421.46	61.94	61.94
DISCCART	733523.67	4053397.05	61.94	61.94
DISCCART	733524.42	4053372.65	62.03	62.03
DISCCART	733525.17	4053348.24	62.04	62.04
DISCCART	733525.92	4053323.84	62.11	62.11
DISCCART	733526.67	4053299.44	62.14	62.14
DISCCART	733527.42	4053275.03	62.16	62.16
DISCCART	733528.16	4053250.63	62.24	62.24
DISCCART	733528.91	4053226.22	62.24	62.24
DISCCART	733529.66	4053201.82	62.31	62.31
DISCCART	733530.41	4053177.42	62.34	62.34
DISCCART	733531.16	4053153.01	62.35	62.35
DISCCART	733531.91	4053128.61	62.44	62.44
DISCCART	733532.66	4053104.21	62.44	62.44
DISCCART	733533.40	4053079.80	62.54	62.54
DISCCART	733534.15	4053055.40	62.54	62.54
DISCCART	733534.90	4053030.99	62.64	62.64

DISCCART	733530.31	4052985.10	62.69	62.69
DISCCART	733524.97	4052963.61	62.74	62.74
DISCCART	733519.62	4052942.12	62.81	62.81
DISCCART	733489.91	4052919.59	62.84	62.84
DISCCART	733465.53	4052918.56	62.90	62.90
DISCCART	733441.16	4052917.52	62.94	62.94
DISCCART	733416.78	4052916.48	62.94	62.94
DISCCART	733392.41	4052915.45	62.97	62.97
DISCCART	733368.03	4052914.41	63.04	63.04
DISCCART	733343.66	4052913.37	63.04	63.04
DISCCART	733319.29	4052912.34	63.11	63.11
DISCCART	733294.91	4052911.30	63.14	63.14
DISCCART	733270.54	4052910.26	63.14	63.14
DISCCART	733246.16	4052909.23	63.24	63.24
DISCCART	733221.79	4052908.19	63.24	63.24
DISCCART	733197.41	4052907.15	63.29	63.29
DISCCART	733173.04	4052906.12	63.35	63.35
DISCCART	733148.67	4052905.08	63.43	63.43
DISCCART	733124.29	4052904.04	63.52	63.52
DISCCART	733099.92	4052903.00	63.60	63.60
DISCCART	733075.54	4052901.97	63.68	63.68
DISCCART	733051.17	4052900.93	63.74	63.74
DISCCART	733026.79	4052899.89	63.83	63.83
DISCCART	733002.42	4052898.86	63.89	63.89
DISCCART	732978.05	4052897.82	63.95	63.95
DISCCART	732953.67	4052896.78	64.04	64.04
DISCCART	732929.30	4052895.75	64.09	64.09
DISCCART	732904.92	4052894.71	64.17	64.17
DISCCART	732880.55	4052893.67	64.23	64.23
DISCCART	732856.17	4052892.64	64.32	64.32
DISCCART	732830.60	4052915.54	64.28	64.28
DISCCART	732829.40	4052939.48	64.22	64.22
DISCCART	732828.20	4052963.41	64.14	64.14
DISCCART	732827.00	4052987.35	64.05	64.05
DISCCART	732825.80	4053011.29	63.97	63.97
DISCCART	732824.60	4053035.23	63.93	63.93
DISCCART	732823.40	4053059.17	63.84	63.84
DISCCART	732822.21	4053083.10	63.75	63.75
DISCCART	732821.01	4053107.04	63.73	63.73
DISCCART	732819.81	4053130.98	63.64	63.64
DISCCART	732818.61	4053154.92	63.55	63.55
DISCCART	732817.41	4053178.86	63.53	63.53
DISCCART	732816.21	4053202.79	63.44	63.44
DISCCART	732815.01	4053226.73	63.35	63.35
DISCCART	732799.70	4053253.51	63.34	63.34
DISCCART	732760.93	4053255.30	63.43	63.43
DISCCART	732736.28	4053254.23	63.46	63.46
DISCCART	732711.62	4053253.17	63.54	63.54
DISCCART	732686.96	4053252.11	63.57	63.57
DISCCART	732662.31	4053251.05	63.64	63.64
DISCCART	732637.65	4053249.98	63.69	63.69
DISCCART	732612.99	4053248.92	63.74	63.74
DISCCART	732588.34	4053247.86	63.83	63.83
DISCCART	732563.68	4053246.79	63.85	63.85
DISCCART	732539.03	4053245.73	63.93	63.93
DISCCART	732514.37	4053244.67	63.96	63.96
DISCCART	732489.71	4053243.61	64.04	64.04
DISCCART	732465.06	4053242.54	64.08	64.08
DISCCART	732440.40	4053241.48	64.14	64.14
DISCCART	732415.74	4053240.42	64.19	64.19
DISCCART	732391.09	4053239.35	64.24	64.24
DISCCART	732366.43	4053238.29	64.30	64.30
DISCCART	732341.77	4053237.23	64.34	64.34
DISCCART	732317.12	4053236.16	64.41	64.41
DISCCART	732292.46	4053235.10	64.44	64.44
DISCCART	732267.80	4053234.04	64.52	64.52
DISCCART	732243.15	4053232.98	64.54	64.54
DISCCART	732218.49	4053231.91	64.62	64.62
DISCCART	732193.84	4053230.85	64.64	64.64
DISCCART	732169.18	4053229.79	64.72	64.72
DISCCART	732144.52	4053228.72	64.75	64.75
DISCCART	732119.87	4053227.66	64.83	64.83
DISCCART	732095.21	4053226.60	64.86	64.86
DISCCART	732070.55	4053225.54	64.94	64.94
DISCCART	732045.90	4053224.47	64.97	64.97
DISCCART	732010.32	4053262.35	64.94	64.94
DISCCART	732009.29	4053287.24	64.93	64.93
DISCCART	732008.26	4053312.12	64.84	64.84
DISCCART	732007.23	4053337.00	64.83	64.83
DISCCART	732006.20	4053361.89	64.75	64.75
DISCCART	732005.16	4053386.77	64.76	64.76
DISCCART	732004.13	4053411.65	64.74	64.74
DISCCART	732003.10	4053436.54	64.74	64.74
DISCCART	732002.07	4053461.42	64.74	64.74
DISCCART	732001.04	4053486.30	64.74	64.74
DISCCART	732000.01	4053511.19	64.74	64.74
DISCCART	731998.98	4053536.07	64.70	64.70
DISCCART	731997.95	4053560.96	64.71	64.71
DISCCART	731996.92	4053585.84	64.71	64.71
DISCCART	731995.89	4053610.72	64.69	64.69
DISCCART	731994.86	4053635.61	64.66	64.66
DISCCART	731993.83	4053660.49	64.66	64.66
DISCCART	731992.79	4053685.37	64.67	64.67
DISCCART	731991.76	4053710.26	64.64	64.64
DISCCART	731990.73	4053735.14	64.59	64.59
DISCCART	731989.70	4053760.02	64.60	64.60
DISCCART	731988.67	4053784.91	64.52	64.52
** DESCRC	"FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"			
DISCCART	731618.98	4052754.41	67.23	67.23
DISCCART	731970.56	4052769.07	66.44	66.44
DISCCART	731984.67	4052430.30	67.94	67.94
DISCCART	731630.89	4052415.47	67.94	67.94
DISCCART	731622.73	4052615.08	67.78	67.78
DISCCART	731617.25	4052630.86	67.74	67.74
DISCCART	731615.97	4052668.93	67.55	67.55
DISCCART	731621.54	4052690.04	67.46	67.46
** DESCRC	"FENCEINT" "CARTESIAN PLANT BOUNDARY INTERMEDIATE RECEPTORS"			
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731806.49	4052762.23	66.74	66.74
DISCCART	731829.93	4052763.21	66.70	66.70
DISCCART	731853.37	4052764.18	66.63	66.63

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DISCCART 731900.24 4052766.14 66.48 66.48
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DISCCART 731748.82 4052420.41 67.94 67.94
DISCCART 731725.23 4052419.42 67.94 67.94
DISCCART 731701.65 4052418.44 67.94 67.94
DISCCART 731678.06 4052417.45 67.94 67.94
DISCCART 731654.48 4052416.46 67.94 67.94
DISCCART 731629.87 4052440.42 67.94 67.94
DISCCART 731628.85 4052465.37 67.94 67.94
DISCCART 731627.83 4052490.32 68.00 68.00
DISCCART 731626.81 4052515.28 68.14 68.14
DISCCART 731625.79 4052540.23 68.08 68.08
DISCCART 731624.77 4052565.18 67.97 67.97
DISCCART 731623.75 4052590.13 67.89 67.89
DISCCART 731616.61 4052649.90 67.65 67.65
DISCCART 731620.69 4052711.50 67.36 67.36
DISCCART 731619.83 4052732.95 67.31 67.31

```

RE FINISHED

```

**
*****
** AERMOD METEOROLOGY PATHWAY
*****
**

```

ME STARTING

```

SURFFILE LEMOORE_2012-2016.SFC
PROFFILE LEMOORE_2012-2016.PFL
SURFDATA 23110 2012
UAIRDATA 23230 2012 OAKLAND/WSO_AP
PROFBASE 72.0 METERS

```

ME FINISHED

```

**
*****
** AERMOD OUTPUT PATHWAY
*****
**

```

OU STARTING

```

RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 3 1ST
RECTABLE 8 1ST
RECTABLE 24 1ST

```

** AUTO-GENERATED PLOTFILES

```

PLOTFILE 1 ALL 1ST LVS_UNIT_ST_0700-1600.AD\01HIGALL.PLT 31
PLOTFILE 3 ALL 1ST LVS_UNIT_ST_0700-1600.AD\03HIGALL.PLT 32
PLOTFILE 8 ALL 1ST LVS_UNIT_ST_0700-1600.AD\08HIGALL.PLT 33
PLOTFILE 24 ALL 1ST LVS_UNIT_ST_0700-1600.AD\24HIGALL.PLT 34
PLOTFILE PERIOD ALL LVS_UNIT_ST_0700-1600.AD\PE00GALL.PLT 35
SUMMFILE LVS_UNIT_ST_0700-1600.SUM

```

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

```

A Total of      0 Fatal Error Message(s)
A Total of      2 Warning Message(s)
A Total of      0 Informational Message(s)

```

```

***** FATAL ERROR MESSAGES *****
*** NONE ***

```

```

***** WARNING MESSAGES *****
ME W186 9765 MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used 0.50
ME W187 9765 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

```

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
** ** ** PAGE 1

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

```

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses RURAL Dispersion Only.

```

```

**Model Uses Regulatory DEFAULT Options:
  1. Stack-tip Downwash.
  2. Model Accounts for ELEVated Terrain Effects.
  3. Use Calms Processing Routine.
  4. Use Missing Data Processing Routine.
  5. No Exponential Decay.

**Other Options Specified:
  ADJ_U* - Use ADJ_U* option for SBL in AERMET
  CCVR_Sub - Meteorological data includes CCVR substitutions
  TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates 4 Short Term Average(s) of: 1-HR 3-HR 8-HR 24-HR
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 9686 Receptor(s)

with: 0 POINT(s), including
      0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLIN/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNNING After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:
  Model Outputs Tables of PERIOD Averages by Receptor
  Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
  Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
  Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values:
  c for Calm Hours
  m for Missing Hours
  b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 72.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
  Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
  Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.2 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: LVS_UNIT_ST_0700-1600.ERR
**File for Summary of Results: LVS_SUMMARY_ST_0700-1600.SUM

*** AERMET - VERSION 18081 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** AERMET - VERSION 18081 *** ** ** ** PAGE 2

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** AREA SOURCE DATA ***

SOURCE NUMBER EMISSION RATE COORD (SW CORNER) BASE RELEASE X-DIM Y-DIM ORIENT. INIT. URBAN EMISSION RATE
ID PART. (GRAMS/SEC X Y ELEV. HEIGHT OF AREA OF AREA OF AREA SZ SOURCE SCALAR VARY
CATS. /METER**2) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (DEG.) (METERS) BY

-----
AREAL 0 0.20592E-05 732835.0 4052897.5 63.0 5.00 696.87 696.87 -2.00 1.00 NO HROFPD
*** AERMET - VERSION 18081 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs
-----
ALL AREAL ,
*** AERMET - VERSION 18081 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = AREAL ; SOURCE TYPE = AREA :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** AERMET - VERSION 18081 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** AERMET - VERSION 18081 *** ** ** ** PAGE 5

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
(METERS)

( 730871.4, 4052331.5, 69.8, 69.8, 0.0); ( 730871.4, 4052356.5, 69.6, 69.6, 0.0);
( 730871.4, 4052381.5, 69.5, 69.5, 0.0); ( 730871.4, 4052406.5, 69.4, 69.4, 0.0);
( 730871.4, 4052431.5, 69.4, 69.4, 0.0); ( 730871.4, 4052456.5, 69.4, 69.4, 0.0);
( 730871.4, 4052481.5, 69.5, 69.5, 0.0); ( 730871.4, 4052506.5, 69.5, 69.5, 0.0);

```

(730871.4, 4052531.5,	69.4,	69.4,	0.0);	(730871.4, 4052556.5,	69.3,	69.3,	0.0);
(730871.4, 4052581.5,	69.3,	69.3,	0.0);	(730871.4, 4052606.5,	69.2,	69.2,	0.0);
(730871.4, 4052631.5,	69.1,	69.1,	0.0);	(730871.4, 4052656.5,	69.0,	69.0,	0.0);
(730871.4, 4052681.5,	68.9,	68.9,	0.0);	(730871.4, 4052706.5,	68.8,	68.8,	0.0);
(730871.4, 4052731.5,	68.8,	68.8,	0.0);	(730871.4, 4052756.5,	68.7,	68.7,	0.0);
(730871.4, 4052781.5,	68.6,	68.6,	0.0);	(730871.4, 4052806.5,	68.5,	68.5,	0.0);
(730871.4, 4052831.5,	68.5,	68.5,	0.0);	(730871.4, 4052856.5,	68.4,	68.4,	0.0);
(730871.4, 4052881.5,	68.3,	68.3,	0.0);	(730871.4, 4052906.5,	68.2,	68.2,	0.0);
(730871.4, 4052931.5,	68.2,	68.2,	0.0);	(730871.4, 4052956.5,	68.1,	68.1,	0.0);
(730871.4, 4052981.5,	68.0,	68.0,	0.0);	(730871.4, 4053006.5,	68.0,	68.0,	0.0);
(730871.4, 4053031.5,	67.9,	67.9,	0.0);	(730871.4, 4053056.5,	67.8,	67.8,	0.0);
(730871.4, 4053081.5,	67.7,	67.7,	0.0);	(730871.4, 4053106.5,	67.7,	67.7,	0.0);
(730871.4, 4053131.5,	67.6,	67.6,	0.0);	(730871.4, 4053156.5,	67.5,	67.5,	0.0);
(730871.4, 4053181.5,	67.5,	67.5,	0.0);	(730871.4, 4053206.5,	67.4,	67.4,	0.0);
(730871.4, 4053231.5,	67.4,	67.4,	0.0);	(730871.4, 4053256.5,	67.3,	67.3,	0.0);
(730871.4, 4053281.5,	67.3,	67.3,	0.0);	(730871.4, 4053306.5,	67.2,	67.2,	0.0);
(730871.4, 4053331.5,	67.1,	67.1,	0.0);	(730871.4, 4053356.5,	67.1,	67.1,	0.0);
(730871.4, 4053381.5,	67.0,	67.0,	0.0);	(730871.4, 4053406.5,	66.9,	66.9,	0.0);
(730871.4, 4053431.5,	66.9,	66.9,	0.0);	(730871.4, 4053456.5,	66.8,	66.8,	0.0);
(730871.4, 4053481.5,	66.8,	66.8,	0.0);	(730871.4, 4053506.5,	66.7,	66.7,	0.0);
(730871.4, 4053531.5,	66.7,	66.7,	0.0);	(730871.4, 4053556.5,	66.6,	66.6,	0.0);
(730871.4, 4053581.5,	66.6,	66.6,	0.0);	(730871.4, 4053606.5,	66.5,	66.5,	0.0);
(730871.4, 4053631.5,	66.4,	66.4,	0.0);	(730871.4, 4053656.5,	66.4,	66.4,	0.0);
(730871.4, 4053681.5,	66.3,	66.3,	0.0);	(730871.4, 4053706.5,	66.3,	66.3,	0.0);
(730871.4, 4053731.5,	66.2,	66.2,	0.0);	(730871.4, 4053756.5,	66.2,	66.2,	0.0);
(730871.4, 4053781.5,	66.2,	66.2,	0.0);	(730871.4, 4053806.5,	66.1,	66.1,	0.0);
(730871.4, 4053831.5,	66.1,	66.1,	0.0);	(730871.4, 4053856.5,	66.0,	66.0,	0.0);
(730871.4, 4053881.5,	66.0,	66.0,	0.0);	(730871.4, 4053906.5,	66.0,	66.0,	0.0);
(730871.4, 4053931.5,	66.0,	66.0,	0.0);	(730871.4, 4053956.5,	65.9,	65.9,	0.0);
(730871.4, 4053981.5,	65.9,	65.9,	0.0);	(730871.4, 4054006.5,	65.8,	65.8,	0.0);
(730871.4, 4054031.5,	65.8,	65.8,	0.0);	(730871.4, 4054056.5,	65.8,	65.8,	0.0);
(730871.4, 4054081.5,	65.8,	65.8,	0.0);	(730871.4, 4054106.5,	65.7,	65.7,	0.0);
(730871.4, 4054131.5,	65.7,	65.7,	0.0);	(730871.4, 4054156.5,	65.7,	65.7,	0.0);
(730871.4, 4054181.5,	65.6,	65.6,	0.0);	(730871.4, 4054206.5,	65.6,	65.6,	0.0);
(730871.4, 4054231.5,	65.5,	65.5,	0.0);	(730871.4, 4054256.5,	65.5,	65.5,	0.0);
(730871.4, 4054281.5,	65.5,	65.5,	0.0);	(730871.4, 4054306.5,	65.5,	65.5,	0.0);
(730871.4, 4054331.5,	65.5,	65.5,	0.0);	(730871.4, 4054356.5,	65.4,	65.4,	0.0);
(730871.4, 4054381.5,	65.4,	65.4,	0.0);	(730871.4, 4054406.5,	65.4,	65.4,	0.0);
(730871.4, 4054431.5,	65.4,	65.4,	0.0);	(730871.4, 4054456.5,	65.4,	65.4,	0.0);
(730871.4, 4054481.5,	65.4,	65.4,	0.0);	(730871.4, 4054506.5,	65.4,	65.4,	0.0);
(730871.4, 4054531.5,	65.3,	65.3,	0.0);	(730871.4, 4054556.5,	65.3,	65.3,	0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 730871.4, 4054581.5, 65.3, 65.3, 0.0); ( 730871.4, 4054606.5, 65.3, 65.3, 0.0);
( 730871.4, 4054631.5, 65.2, 65.2, 0.0); ( 730871.4, 4054656.5, 65.2, 65.2, 0.0);
( 730871.4, 4054681.5, 65.1, 65.1, 0.0); ( 730871.4, 4054706.5, 65.1, 65.1, 0.0);
( 730871.4, 4054731.5, 65.0, 65.0, 0.0); ( 730871.4, 4054756.5, 65.0, 65.0, 0.0);
( 730871.4, 4054781.5, 64.9, 64.9, 0.0); ( 730871.4, 4054806.5, 64.9, 64.9, 0.0);
( 730871.4, 4054831.5, 64.8, 64.8, 0.0); ( 730871.4, 4054856.5, 64.8, 64.8, 0.0);
( 730871.4, 4054861.5, 64.8, 64.8, 0.0); ( 730871.4, 4054906.5, 64.8, 64.8, 0.0);
( 730871.4, 4054931.5, 64.8, 64.8, 0.0); ( 730871.4, 4054956.5, 64.8, 64.8, 0.0);
( 730871.4, 4054981.5, 64.8, 64.8, 0.0); ( 730871.4, 4055006.5, 64.8, 64.8, 0.0);
( 730871.4, 4055031.5, 64.8, 64.8, 0.0); ( 730871.4, 4055056.5, 64.8, 64.8, 0.0);
( 730871.4, 4055081.5, 64.8, 64.8, 0.0); ( 730871.4, 4055106.5, 64.9, 64.9, 0.0);
( 730871.4, 4055131.5, 64.9, 64.9, 0.0); ( 730871.4, 4055156.5, 64.9, 64.9, 0.0);
( 730871.4, 4055181.5, 64.9, 64.9, 0.0); ( 730871.4, 4055206.5, 64.9, 64.9, 0.0);
( 730871.4, 4055231.5, 64.9, 64.9, 0.0); ( 730871.4, 4055256.5, 65.0, 65.0, 0.0);
( 730871.4, 4055281.5, 65.0, 65.0, 0.0); ( 730871.4, 4055306.5, 65.0, 65.0, 0.0);
( 730871.4, 4055331.5, 65.0, 65.0, 0.0); ( 730896.4, 4052331.5, 69.8, 69.8, 0.0);
( 730896.4, 4052356.5, 69.6, 69.6, 0.0); ( 730896.4, 4052381.5, 69.5, 69.5, 0.0);
( 730896.4, 4052406.5, 69.4, 69.4, 0.0); ( 730896.4, 4052431.5, 69.4, 69.4, 0.0);
( 730896.4, 4052456.5, 69.4, 69.4, 0.0); ( 730896.4, 4052481.5, 69.5, 69.5, 0.0);
( 730896.4, 4052506.5, 69.4, 69.4, 0.0); ( 730896.4, 4052531.5, 69.4, 69.4, 0.0);
( 730896.4, 4052556.5, 69.3, 69.3, 0.0); ( 730896.4, 4052581.5, 69.2, 69.2, 0.0);
( 730896.4, 4052606.5, 69.1, 69.1, 0.0); ( 730896.4, 4052631.5, 69.1, 69.1, 0.0);
( 730896.4, 4052656.5, 69.0, 69.0, 0.0); ( 730896.4, 4052681.5, 68.9, 68.9, 0.0);
( 730896.4, 4052706.5, 68.8, 68.8, 0.0); ( 730896.4, 4052731.5, 68.7, 68.7, 0.0);
( 730896.4, 4052756.5, 68.6, 68.6, 0.0); ( 730896.4, 4052781.5, 68.6, 68.6, 0.0);
( 730896.4, 4052806.5, 68.5, 68.5, 0.0); ( 730896.4, 4052831.5, 68.4, 68.4, 0.0);
( 730896.4, 4052856.5, 68.3, 68.3, 0.0); ( 730896.4, 4052881.5, 68.3, 68.3, 0.0);
( 730896.4, 4052906.5, 68.2, 68.2, 0.0); ( 730896.4, 4052931.5, 68.1, 68.1, 0.0);
( 730896.4, 4052956.5, 68.0, 68.0, 0.0); ( 730896.4, 4052981.5, 68.0, 68.0, 0.0);
( 730896.4, 4053006.5, 67.9, 67.9, 0.0); ( 730896.4, 4053031.5, 67.8, 67.8, 0.0);
( 730896.4, 4053056.5, 67.8, 67.8, 0.0); ( 730896.4, 4053081.5, 67.7, 67.7, 0.0);
( 730896.4, 4053106.5, 67.6, 67.6, 0.0); ( 730896.4, 4053131.5, 67.6, 67.6, 0.0);
( 730896.4, 4053156.5, 67.5, 67.5, 0.0); ( 730896.4, 4053181.5, 67.5, 67.5, 0.0);
( 730896.4, 4053206.5, 67.4, 67.4, 0.0); ( 730896.4, 4053231.5, 67.3, 67.3, 0.0);
( 730896.4, 4053256.5, 67.3, 67.3, 0.0); ( 730896.4, 4053281.5, 67.2, 67.2, 0.0);
( 730896.4, 4053306.5, 67.1, 67.1, 0.0); ( 730896.4, 4053331.5, 67.1, 67.1, 0.0);
( 730896.4, 4053356.5, 67.0, 67.0, 0.0); ( 730896.4, 4053381.5, 67.0, 67.0, 0.0);
( 730896.4, 4053406.5, 66.9, 66.9, 0.0); ( 730896.4, 4053431.5, 66.8, 66.8, 0.0);
( 730896.4, 4053456.5, 66.8, 66.8, 0.0); ( 730896.4, 4053481.5, 66.7, 66.7, 0.0);
( 730896.4, 4053506.5, 66.6, 66.6, 0.0); ( 730896.4, 4053531.5, 66.6, 66.6, 0.0);
( 730896.4, 4053556.5, 66.5, 66.5, 0.0); ( 730896.4, 4053581.5, 66.5, 66.5, 0.0);
( 730896.4, 4053606.5, 66.4, 66.4, 0.0); ( 730896.4, 4053631.5, 66.4, 66.4, 0.0);
( 730896.4, 4053656.5, 66.3, 66.3, 0.0); ( 730896.4, 4053681.5, 66.3, 66.3, 0.0);
( 730896.4, 4053706.5, 66.2, 66.2, 0.0); ( 730896.4, 4053731.5, 66.2, 66.2, 0.0);
( 730896.4, 4053756.5, 66.2, 66.2, 0.0); ( 730896.4, 4053781.5, 66.1, 66.1, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 730896.4, 4053806.5, 66.1, 66.1, 0.0); ( 730896.4, 4053831.5, 66.0, 66.0, 0.0);
( 730896.4, 4053856.5, 66.0, 66.0, 0.0); ( 730896.4, 4053881.5, 66.0, 66.0, 0.0);
( 730896.4, 4053906.5, 66.0, 66.0, 0.0); ( 730896.4, 4053931.5, 65.9, 65.9, 0.0);
( 730896.4, 4053956.5, 65.9, 65.9, 0.0); ( 730896.4, 4053981.5, 65.8, 65.8, 0.0);
( 730896.4, 4054006.5, 65.8, 65.8, 0.0); ( 730896.4, 4054031.5, 65.7, 65.7, 0.0);
( 730896.4, 4054056.5, 65.7, 65.7, 0.0); ( 730896.4, 4054081.5, 65.7, 65.7, 0.0);
( 730896.4, 4054106.5, 65.7, 65.7, 0.0); ( 730896.4, 4054131.5, 65.6, 65.6, 0.0);
( 730896.4, 4054156.5, 65.6, 65.6, 0.0); ( 730896.4, 4054181.5, 65.5, 65.5, 0.0);
( 730896.4, 4054206.5, 65.5, 65.5, 0.0); ( 730896.4, 4054231.5, 65.5, 65.5, 0.0);
( 730896.4, 4054256.5, 65.5, 65.5, 0.0); ( 730896.4, 4054281.5, 65.5, 65.5, 0.0);
( 730896.4, 4054306.5, 65.4, 65.4, 0.0); ( 730896.4, 4054331.5, 65.4, 65.4, 0.0);

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(730896.4, 4054356.5, 65.4, 65.4, 0.0);	(730896.4, 4054381.5, 65.4, 65.4, 0.0);
(730896.4, 4054406.5, 65.4, 65.4, 0.0);	(730896.4, 4054431.5, 65.3, 65.3, 0.0);
(730896.4, 4054456.5, 65.3, 65.3, 0.0);	(730896.4, 4054481.5, 65.3, 65.3, 0.0);
(730896.4, 4054506.5, 65.3, 65.3, 0.0);	(730896.4, 4054531.5, 65.3, 65.3, 0.0);
(730896.4, 4054556.5, 65.3, 65.3, 0.0);	(730896.4, 4054581.5, 65.3, 65.3, 0.0);
(730896.4, 4054606.5, 65.2, 65.2, 0.0);	(730896.4, 4054631.5, 65.2, 65.2, 0.0);
(730896.4, 4054656.5, 65.2, 65.2, 0.0);	(730896.4, 4054681.5, 65.1, 65.1, 0.0);
(730896.4, 4054706.5, 65.1, 65.1, 0.0);	(730896.4, 4054731.5, 65.0, 65.0, 0.0);
(730896.4, 4054756.5, 65.0, 65.0, 0.0);	(730896.4, 4054781.5, 64.9, 64.9, 0.0);
(730896.4, 4054806.5, 64.9, 64.9, 0.0);	(730896.4, 4054831.5, 64.8, 64.8, 0.0);
(730896.4, 4054856.5, 64.8, 64.8, 0.0);	(730896.4, 4054881.5, 64.7, 64.7, 0.0);
(730896.4, 4054906.5, 64.7, 64.7, 0.0);	(730896.4, 4054931.5, 64.7, 64.7, 0.0);
(730896.4, 4054956.5, 64.7, 64.7, 0.0);	(730896.4, 4054981.5, 64.8, 64.8, 0.0);
(730896.4, 4055006.5, 64.8, 64.8, 0.0);	(730896.4, 4055031.5, 64.8, 64.8, 0.0);
(730896.4, 4055056.5, 64.8, 64.8, 0.0);	(730896.4, 4055081.5, 64.8, 64.8, 0.0);
(730896.4, 4055106.5, 64.8, 64.8, 0.0);	(730896.4, 4055131.5, 64.8, 64.8, 0.0);
(730896.4, 4055156.5, 64.8, 64.8, 0.0);	(730896.4, 4055181.5, 64.8, 64.8, 0.0);
(730896.4, 4055206.5, 64.8, 64.8, 0.0);	(730896.4, 4055231.5, 64.8, 64.8, 0.0);
(730896.4, 4055256.5, 64.9, 64.9, 0.0);	(730896.4, 4055281.5, 64.9, 64.9, 0.0);
(730896.4, 4055306.5, 64.9, 64.9, 0.0);	(730896.4, 4055331.5, 65.0, 65.0, 0.0);
(730921.4, 4052331.5, 69.7, 69.7, 0.0);	(730921.4, 4052356.5, 69.6, 69.6, 0.0);
(730921.4, 4052381.5, 69.5, 69.5, 0.0);	(730921.4, 4052406.5, 69.4, 69.4, 0.0);
(730921.4, 4052431.5, 69.4, 69.4, 0.0);	(730921.4, 4052456.5, 69.4, 69.4, 0.0);
(730921.4, 4052481.5, 69.4, 69.4, 0.0);	(730921.4, 4052506.5, 69.4, 69.4, 0.0);
(730921.4, 4052531.5, 69.4, 69.4, 0.0);	(730921.4, 4052556.5, 69.3, 69.3, 0.0);
(730921.4, 4052581.5, 69.2, 69.2, 0.0);	(730921.4, 4052606.5, 69.1, 69.1, 0.0);
(730921.4, 4052631.5, 69.0, 69.0, 0.0);	(730921.4, 4052656.5, 69.0, 69.0, 0.0);
(730921.4, 4052681.5, 68.8, 68.8, 0.0);	(730921.4, 4052706.5, 68.8, 68.8, 0.0);
(730921.4, 4052731.5, 68.7, 68.7, 0.0);	(730921.4, 4052756.5, 68.6, 68.6, 0.0);
(730921.4, 4052781.5, 68.5, 68.5, 0.0);	(730921.4, 4052806.5, 68.4, 68.4, 0.0);
(730921.4, 4052831.5, 68.4, 68.4, 0.0);	(730921.4, 4052856.5, 68.3, 68.3, 0.0);
(730921.4, 4052881.5, 68.2, 68.2, 0.0);	(730921.4, 4052906.5, 68.1, 68.1, 0.0);
(730921.4, 4052931.5, 68.1, 68.1, 0.0);	(730921.4, 4052956.5, 68.0, 68.0, 0.0);
(730921.4, 4052981.5, 67.9, 67.9, 0.0);	(730921.4, 4053006.5, 67.8, 67.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730921.4, 4053031.5, 67.8, 67.8, 0.0);	(730921.4, 4053056.5, 67.7, 67.7, 0.0);
(730921.4, 4053081.5, 67.6, 67.6, 0.0);	(730921.4, 4053106.5, 67.6, 67.6, 0.0);
(730921.4, 4053131.5, 67.5, 67.5, 0.0);	(730921.4, 4053156.5, 67.4, 67.4, 0.0);
(730921.4, 4053181.5, 67.4, 67.4, 0.0);	(730921.4, 4053206.5, 67.3, 67.3, 0.0);
(730921.4, 4053231.5, 67.3, 67.3, 0.0);	(730921.4, 4053256.5, 67.2, 67.2, 0.0);
(730921.4, 4053281.5, 67.1, 67.1, 0.0);	(730921.4, 4053306.5, 67.1, 67.1, 0.0);
(730921.4, 4053331.5, 67.0, 67.0, 0.0);	(730921.4, 4053356.5, 67.0, 67.0, 0.0);
(730921.4, 4053381.5, 66.9, 66.9, 0.0);	(730921.4, 4053406.5, 66.8, 66.8, 0.0);
(730921.4, 4053431.5, 66.8, 66.8, 0.0);	(730921.4, 4053456.5, 66.7, 66.7, 0.0);
(730921.4, 4053481.5, 66.7, 66.7, 0.0);	(730921.4, 4053506.5, 66.6, 66.6, 0.0);
(730921.4, 4053531.5, 66.5, 66.5, 0.0);	(730921.4, 4053556.5, 66.5, 66.5, 0.0);
(730921.4, 4053581.5, 66.4, 66.4, 0.0);	(730921.4, 4053606.5, 66.4, 66.4, 0.0);
(730921.4, 4053631.5, 66.3, 66.3, 0.0);	(730921.4, 4053656.5, 66.3, 66.3, 0.0);
(730921.4, 4053681.5, 66.2, 66.2, 0.0);	(730921.4, 4053706.5, 66.2, 66.2, 0.0);
(730921.4, 4053731.5, 66.1, 66.1, 0.0);	(730921.4, 4053756.5, 66.1, 66.1, 0.0);
(730921.4, 4053781.5, 66.1, 66.1, 0.0);	(730921.4, 4053806.5, 66.0, 66.0, 0.0);
(730921.4, 4053831.5, 66.0, 66.0, 0.0);	(730921.4, 4053856.5, 66.0, 66.0, 0.0);
(730921.4, 4053881.5, 65.9, 65.9, 0.0);	(730921.4, 4053906.5, 65.9, 65.9, 0.0);
(730921.4, 4053931.5, 65.9, 65.9, 0.0);	(730921.4, 4053956.5, 65.8, 65.8, 0.0);
(730921.4, 4053981.5, 65.8, 65.8, 0.0);	(730921.4, 4054006.5, 65.8, 65.8, 0.0);
(730921.4, 4054031.5, 65.7, 65.7, 0.0);	(730921.4, 4054056.5, 65.7, 65.7, 0.0);
(730921.4, 4054081.5, 65.6, 65.6, 0.0);	(730921.4, 4054106.5, 65.6, 65.6, 0.0);
(730921.4, 4054131.5, 65.6, 65.6, 0.0);	(730921.4, 4054156.5, 65.5, 65.5, 0.0);
(730921.4, 4054181.5, 65.5, 65.5, 0.0);	(730921.4, 4054206.5, 65.5, 65.5, 0.0);
(730921.4, 4054231.5, 65.4, 65.4, 0.0);	(730921.4, 4054256.5, 65.4, 65.4, 0.0);
(730921.4, 4054281.5, 65.4, 65.4, 0.0);	(730921.4, 4054306.5, 65.4, 65.4, 0.0);
(730921.4, 4054331.5, 65.4, 65.4, 0.0);	(730921.4, 4054356.5, 65.3, 65.3, 0.0);
(730921.4, 4054381.5, 65.3, 65.3, 0.0);	(730921.4, 4054406.5, 65.3, 65.3, 0.0);
(730921.4, 4054431.5, 65.3, 65.3, 0.0);	(730921.4, 4054456.5, 65.3, 65.3, 0.0);
(730921.4, 4054481.5, 65.3, 65.3, 0.0);	(730921.4, 4054506.5, 65.3, 65.3, 0.0);
(730921.4, 4054531.5, 65.3, 65.3, 0.0);	(730921.4, 4054556.5, 65.3, 65.3, 0.0);
(730921.4, 4054581.5, 65.3, 65.3, 0.0);	(730921.4, 4054606.5, 65.2, 65.2, 0.0);
(730921.4, 4054631.5, 65.2, 65.2, 0.0);	(730921.4, 4054656.5, 65.2, 65.2, 0.0);
(730921.4, 4054681.5, 65.1, 65.1, 0.0);	(730921.4, 4054706.5, 65.1, 65.1, 0.0);
(730921.4, 4054731.5, 65.0, 65.0, 0.0);	(730921.4, 4054756.5, 65.0, 65.0, 0.0);
(730921.4, 4054781.5, 64.9, 64.9, 0.0);	(730921.4, 4054806.5, 64.9, 64.9, 0.0);
(730921.4, 4054831.5, 64.8, 64.8, 0.0);	(730921.4, 4054856.5, 64.8, 64.8, 0.0);
(730921.4, 4054881.5, 64.7, 64.7, 0.0);	(730921.4, 4054906.5, 64.7, 64.7, 0.0);
(730921.4, 4054931.5, 64.7, 64.7, 0.0);	(730921.4, 4054956.5, 64.7, 64.7, 0.0);
(730921.4, 4054981.5, 64.7, 64.7, 0.0);	(730921.4, 4055006.5, 64.7, 64.7, 0.0);
(730921.4, 4055031.5, 64.7, 64.7, 0.0);	(730921.4, 4055056.5, 64.7, 64.7, 0.0);
(730921.4, 4055081.5, 64.7, 64.7, 0.0);	(730921.4, 4055106.5, 64.7, 64.7, 0.0);
(730921.4, 4055131.5, 64.8, 64.8, 0.0);	(730921.4, 4055156.5, 64.8, 64.8, 0.0);
(730921.4, 4055181.5, 64.8, 64.8, 0.0);	(730921.4, 4055206.5, 64.8, 64.8, 0.0);
(730921.4, 4055231.5, 64.8, 64.8, 0.0);	(730921.4, 4055256.5, 64.8, 64.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730921.4, 4055281.5, 64.8, 64.8, 0.0);	(730921.4, 4055306.5, 64.8, 64.8, 0.0);
(730921.4, 4055331.5, 64.9, 64.9, 0.0);	(730946.4, 4052331.5, 69.7, 69.7, 0.0);
(730946.4, 4052356.5, 69.6, 69.6, 0.0);	(730946.4, 4052381.5, 69.5, 69.5, 0.0);
(730946.4, 4052406.5, 69.4, 69.4, 0.0);	(730946.4, 4052431.5, 69.4, 69.4, 0.0);
(730946.4, 4052456.5, 69.4, 69.4, 0.0);	(730946.4, 4052481.5, 69.4, 69.4, 0.0);
(730946.4, 4052506.5, 69.4, 69.4, 0.0);	(730946.4, 4052531.5, 69.3, 69.3, 0.0);
(730946.4, 4052556.5, 69.2, 69.2, 0.0);	(730946.4, 4052581.5, 69.1, 69.1, 0.0);
(730946.4, 4052606.5, 69.1, 69.1, 0.0);	(730946.4, 4052631.5, 69.0, 69.0, 0.0);
(730946.4, 4052656.5, 68.9, 68.9, 0.0);	(730946.4, 4052681.5, 68.8, 68.8, 0.0);
(730946.4, 4052706.5, 68.7, 68.7, 0.0);	(730946.4, 4052731.5, 68.6, 68.6, 0.0);
(730946.4, 4052756.5, 68.5, 68.5, 0.0);	(730946.4, 4052781.5, 68.5, 68.5, 0.0);
(730946.4, 4052806.5, 68.4, 68.4, 0.0);	(730946.4, 4052831.5, 68.3, 68.3, 0.0);
(730946.4, 4052856.5, 68.2, 68.2, 0.0);	(730946.4, 4052881.5, 68.2, 68.2, 0.0);
(730946.4, 4052906.5, 68.1, 68.1, 0.0);	(730946.4, 4052931.5, 68.0, 68.0, 0.0);
(730946.4, 4052956.5, 68.0, 68.0, 0.0);	(730946.4, 4052981.5, 67.9, 67.9, 0.0);
(730946.4, 4053006.5, 67.8, 67.8, 0.0);	(730946.4, 4053031.5, 67.7, 67.7, 0.0);
(730946.4, 4053056.5, 67.6, 67.6, 0.0);	(730946.4, 4053081.5, 67.6, 67.6, 0.0);
(730946.4, 4053106.5, 67.5, 67.5, 0.0);	(730946.4, 4053131.5, 67.5, 67.5, 0.0);

(730946.4, 4053156.5, 67.4, 67.4, 0.0);	(730946.4, 4053181.5, 67.3, 67.3, 0.0);
(730946.4, 4053206.5, 67.3, 67.3, 0.0);	(730946.4, 4053231.5, 67.2, 67.2, 0.0);
(730946.4, 4053256.5, 67.2, 67.2, 0.0);	(730946.4, 4053281.5, 67.1, 67.1, 0.0);
(730946.4, 4053306.5, 67.0, 67.0, 0.0);	(730946.4, 4053331.5, 67.0, 67.0, 0.0);
(730946.4, 4053356.5, 66.9, 66.9, 0.0);	(730946.4, 4053381.5, 66.8, 66.8, 0.0);
(730946.4, 4053406.5, 66.8, 66.8, 0.0);	(730946.4, 4053431.5, 66.7, 66.7, 0.0);
(730946.4, 4053456.5, 66.6, 66.6, 0.0);	(730946.4, 4053481.5, 66.6, 66.6, 0.0);
(730946.4, 4053506.5, 66.5, 66.5, 0.0);	(730946.4, 4053531.5, 66.5, 66.5, 0.0);
(730946.4, 4053556.5, 66.4, 66.4, 0.0);	(730946.4, 4053581.5, 66.4, 66.4, 0.0);
(730946.4, 4053606.5, 66.3, 66.3, 0.0);	(730946.4, 4053631.5, 66.3, 66.3, 0.0);
(730946.4, 4053656.5, 66.2, 66.2, 0.0);	(730946.4, 4053681.5, 66.2, 66.2, 0.0);
(730946.4, 4053706.5, 66.1, 66.1, 0.0);	(730946.4, 4053731.5, 66.1, 66.1, 0.0);
(730946.4, 4053756.5, 66.1, 66.1, 0.0);	(730946.4, 4053781.5, 66.0, 66.0, 0.0);
(730946.4, 4053806.5, 66.0, 66.0, 0.0);	(730946.4, 4053831.5, 66.0, 66.0, 0.0);
(730946.4, 4053856.5, 65.9, 65.9, 0.0);	(730946.4, 4053881.5, 65.9, 65.9, 0.0);
(730946.4, 4053906.5, 65.8, 65.8, 0.0);	(730946.4, 4053931.5, 65.8, 65.8, 0.0);
(730946.4, 4053956.5, 65.8, 65.8, 0.0);	(730946.4, 4053981.5, 65.7, 65.7, 0.0);
(730946.4, 4054006.5, 65.7, 65.7, 0.0);	(730946.4, 4054031.5, 65.6, 65.6, 0.0);
(730946.4, 4054056.5, 65.6, 65.6, 0.0);	(730946.4, 4054081.5, 65.6, 65.6, 0.0);
(730946.4, 4054106.5, 65.6, 65.6, 0.0);	(730946.4, 4054131.5, 65.5, 65.5, 0.0);
(730946.4, 4054156.5, 65.4, 65.4, 0.0);	(730946.4, 4054181.5, 65.4, 65.4, 0.0);
(730946.4, 4054206.5, 65.4, 65.4, 0.0);	(730946.4, 4054231.5, 65.4, 65.4, 0.0);
(730946.4, 4054256.5, 65.3, 65.3, 0.0);	(730946.4, 4054281.5, 65.3, 65.3, 0.0);
(730946.4, 4054306.5, 65.3, 65.3, 0.0);	(730946.4, 4054331.5, 65.3, 65.3, 0.0);
(730946.4, 4054356.5, 65.3, 65.3, 0.0);	(730946.4, 4054381.5, 65.3, 65.3, 0.0);
(730946.4, 4054406.5, 65.3, 65.3, 0.0);	(730946.4, 4054431.5, 65.3, 65.3, 0.0);
(730946.4, 4054456.5, 65.2, 65.2, 0.0);	(730946.4, 4054481.5, 65.2, 65.2, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 10

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730946.4, 4054506.5, 65.2, 65.2, 0.0);	(730946.4, 4054531.5, 65.2, 65.2, 0.0);
(730946.4, 4054556.5, 65.2, 65.2, 0.0);	(730946.4, 4054581.5, 65.2, 65.2, 0.0);
(730946.4, 4054606.5, 65.2, 65.2, 0.0);	(730946.4, 4054631.5, 65.2, 65.2, 0.0);
(730946.4, 4054656.5, 65.2, 65.2, 0.0);	(730946.4, 4054681.5, 65.1, 65.1, 0.0);
(730946.4, 4054706.5, 65.1, 65.1, 0.0);	(730946.4, 4054731.5, 65.0, 65.0, 0.0);
(730946.4, 4054756.5, 65.0, 65.0, 0.0);	(730946.4, 4054781.5, 64.9, 64.9, 0.0);
(730946.4, 4054806.5, 64.9, 64.9, 0.0);	(730946.4, 4054831.5, 64.8, 64.8, 0.0);
(730946.4, 4054856.5, 64.8, 64.8, 0.0);	(730946.4, 4054881.5, 64.7, 64.7, 0.0);
(730946.4, 4054906.5, 64.6, 64.6, 0.0);	(730946.4, 4054931.5, 64.6, 64.6, 0.0);
(730946.4, 4054956.5, 64.6, 64.6, 0.0);	(730946.4, 4054981.5, 64.7, 64.7, 0.0);
(730946.4, 4055006.5, 64.7, 64.7, 0.0);	(730946.4, 4055031.5, 64.7, 64.7, 0.0);
(730946.4, 4055056.5, 64.7, 64.7, 0.0);	(730946.4, 4055081.5, 64.7, 64.7, 0.0);
(730946.4, 4055106.5, 64.7, 64.7, 0.0);	(730946.4, 4055131.5, 64.7, 64.7, 0.0);
(730946.4, 4055156.5, 64.7, 64.7, 0.0);	(730946.4, 4055181.5, 64.7, 64.7, 0.0);
(730946.4, 4055206.5, 64.7, 64.7, 0.0);	(730946.4, 4055231.5, 64.8, 64.8, 0.0);
(730946.4, 4055256.5, 64.8, 64.8, 0.0);	(730946.4, 4055281.5, 64.8, 64.8, 0.0);
(730946.4, 4055306.5, 64.8, 64.8, 0.0);	(730946.4, 4055331.5, 64.8, 64.8, 0.0);
(730971.4, 4052331.5, 69.7, 69.7, 0.0);	(730971.4, 4052356.5, 69.6, 69.6, 0.0);
(730971.4, 4052381.5, 69.5, 69.5, 0.0);	(730971.4, 4052406.5, 69.4, 69.4, 0.0);
(730971.4, 4052411.5, 69.4, 69.4, 0.0);	(730971.4, 4052456.5, 69.4, 69.4, 0.0);
(730971.4, 4052481.5, 69.4, 69.4, 0.0);	(730971.4, 4052506.5, 69.4, 69.4, 0.0);
(730971.4, 4052531.5, 69.3, 69.3, 0.0);	(730971.4, 4052556.5, 69.2, 69.2, 0.0);
(730971.4, 4052581.5, 69.1, 69.1, 0.0);	(730971.4, 4052606.5, 69.0, 69.0, 0.0);
(730971.4, 4052631.5, 68.9, 68.9, 0.0);	(730971.4, 4052656.5, 68.8, 68.8, 0.0);
(730971.4, 4052681.5, 68.8, 68.8, 0.0);	(730971.4, 4052706.5, 68.7, 68.7, 0.0);
(730971.4, 4052731.5, 68.6, 68.6, 0.0);	(730971.4, 4052756.5, 68.5, 68.5, 0.0);
(730971.4, 4052781.5, 68.4, 68.4, 0.0);	(730971.4, 4052806.5, 68.3, 68.3, 0.0);
(730971.4, 4052831.5, 68.3, 68.3, 0.0);	(730971.4, 4052856.5, 68.2, 68.2, 0.0);
(730971.4, 4052881.5, 68.1, 68.1, 0.0);	(730971.4, 4052906.5, 68.0, 68.0, 0.0);
(730971.4, 4052931.5, 68.0, 68.0, 0.0);	(730971.4, 4052956.5, 67.9, 67.9, 0.0);
(730971.4, 4052981.5, 67.8, 67.8, 0.0);	(730971.4, 4053006.5, 67.7, 67.7, 0.0);
(730971.4, 4053031.5, 67.7, 67.7, 0.0);	(730971.4, 4053056.5, 67.6, 67.6, 0.0);
(730971.4, 4053081.5, 67.6, 67.6, 0.0);	(730971.4, 4053106.5, 67.5, 67.5, 0.0);
(730971.4, 4053131.5, 67.4, 67.4, 0.0);	(730971.4, 4053156.5, 67.3, 67.3, 0.0);
(730971.4, 4053181.5, 67.3, 67.3, 0.0);	(730971.4, 4053206.5, 67.2, 67.2, 0.0);
(730971.4, 4053231.5, 67.2, 67.2, 0.0);	(730971.4, 4053256.5, 67.1, 67.1, 0.0);
(730971.4, 4053281.5, 67.0, 67.0, 0.0);	(730971.4, 4053306.5, 67.0, 67.0, 0.0);
(730971.4, 4053331.5, 66.9, 66.9, 0.0);	(730971.4, 4053356.5, 66.8, 66.8, 0.0);
(730971.4, 4053381.5, 66.8, 66.8, 0.0);	(730971.4, 4053406.5, 66.7, 66.7, 0.0);
(730971.4, 4053431.5, 66.7, 66.7, 0.0);	(730971.4, 4053456.5, 66.6, 66.6, 0.0);
(730971.4, 4053481.5, 66.6, 66.6, 0.0);	(730971.4, 4053506.5, 66.5, 66.5, 0.0);
(730971.4, 4053531.5, 66.4, 66.4, 0.0);	(730971.4, 4053556.5, 66.4, 66.4, 0.0);
(730971.4, 4053581.5, 66.3, 66.3, 0.0);	(730971.4, 4053606.5, 66.3, 66.3, 0.0);
(730971.4, 4053631.5, 66.2, 66.2, 0.0);	(730971.4, 4053656.5, 66.2, 66.2, 0.0);
(730971.4, 4053681.5, 66.1, 66.1, 0.0);	(730971.4, 4053706.5, 66.1, 66.1, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730971.4, 4053731.5, 66.1, 66.1, 0.0);	(730971.4, 4053756.5, 66.0, 66.0, 0.0);
(730971.4, 4053781.5, 66.0, 66.0, 0.0);	(730971.4, 4053806.5, 66.0, 66.0, 0.0);
(730971.4, 4053831.5, 65.9, 65.9, 0.0);	(730971.4, 4053856.5, 65.9, 65.9, 0.0);
(730971.4, 4053881.5, 65.8, 65.8, 0.0);	(730971.4, 4053906.5, 65.8, 65.8, 0.0);
(730971.4, 4053931.5, 65.8, 65.8, 0.0);	(730971.4, 4053956.5, 65.7, 65.7, 0.0);
(730971.4, 4053981.5, 65.7, 65.7, 0.0);	(730971.4, 4054006.5, 65.6, 65.6, 0.0);
(730971.4, 4054031.5, 65.6, 65.6, 0.0);	(730971.4, 4054056.5, 65.5, 65.5, 0.0);
(730971.4, 4054081.5, 65.5, 65.5, 0.0);	(730971.4, 4054106.5, 65.5, 65.5, 0.0);
(730971.4, 4054131.5, 65.5, 65.5, 0.0);	(730971.4, 4054156.5, 65.4, 65.4, 0.0);
(730971.4, 4054181.5, 65.4, 65.4, 0.0);	(730971.4, 4054206.5, 65.3, 65.3, 0.0);
(730971.4, 4054231.5, 65.3, 65.3, 0.0);	(730971.4, 4054256.5, 65.3, 65.3, 0.0);
(730971.4, 4054281.5, 65.3, 65.3, 0.0);	(730971.4, 4054306.5, 65.3, 65.3, 0.0);
(730971.4, 4054331.5, 65.3, 65.3, 0.0);	(730971.4, 4054356.5, 65.2, 65.2, 0.0);
(730971.4, 4054381.5, 65.2, 65.2, 0.0);	(730971.4, 4054406.5, 65.2, 65.2, 0.0);
(730971.4, 4054431.5, 65.2, 65.2, 0.0);	(730971.4, 4054456.5, 65.2, 65.2, 0.0);
(730971.4, 4054481.5, 65.2, 65.2, 0.0);	(730971.4, 4054506.5, 65.2, 65.2, 0.0);
(730971.4, 4054531.5, 65.2, 65.2, 0.0);	(730971.4, 4054556.5, 65.2, 65.2, 0.0);
(730971.4, 4054581.5, 65.2, 65.2, 0.0);	(730971.4, 4054606.5, 65.2, 65.2, 0.0);
(730971.4, 4054631.5, 65.2, 65.2, 0.0);	(730971.4, 4054656.5, 65.1, 65.1, 0.0);
(730971.4, 4054681.5, 65.1, 65.1, 0.0);	(730971.4, 4054706.5, 65.1, 65.1, 0.0);
(730971.4, 4054731.5, 65.0, 65.0, 0.0);	(730971.4, 4054756.5, 65.0, 65.0, 0.0);
(730971.4, 4054781.5, 64.9, 64.9, 0.0);	(730971.4, 4054806.5, 64.9, 64.9, 0.0);
(730971.4, 4054831.5, 64.8, 64.8, 0.0);	(730971.4, 4054856.5, 64.7, 64.7, 0.0);
(730971.4, 4054881.5, 64.7, 64.7, 0.0);	(730971.4, 4054906.5, 64.6, 64.6, 0.0);
(730971.4, 4054931.5, 64.6, 64.6, 0.0);	(730971.4, 4054956.5, 64.6, 64.6, 0.0);

(730971.4, 4054981.5, 64.6, 64.6, 0.0);	(730971.4, 4055006.5, 64.6, 64.6, 0.0);
(730971.4, 4055031.5, 64.6, 64.6, 0.0);	(730971.4, 4055056.5, 64.6, 64.6, 0.0);
(730971.4, 4055081.5, 64.6, 64.6, 0.0);	(730971.4, 4055106.5, 64.7, 64.7, 0.0);
(730971.4, 4055131.5, 64.7, 64.7, 0.0);	(730971.4, 4055156.5, 64.7, 64.7, 0.0);
(730971.4, 4055181.5, 64.7, 64.7, 0.0);	(730971.4, 4055206.5, 64.7, 64.7, 0.0);
(730971.4, 4055231.5, 64.7, 64.7, 0.0);	(730971.4, 4055256.5, 64.7, 64.7, 0.0);
(730971.4, 4055281.5, 64.7, 64.7, 0.0);	(730971.4, 4055306.5, 64.7, 64.7, 0.0);
(730971.4, 4055331.5, 64.8, 64.8, 0.0);	(730996.4, 4052331.5, 69.7, 69.7, 0.0);
(730996.4, 4052356.5, 69.6, 69.6, 0.0);	(730996.4, 4052381.5, 69.5, 69.5, 0.0);
(730996.4, 4052406.5, 69.4, 69.4, 0.0);	(730996.4, 4052431.5, 69.4, 69.4, 0.0);
(730996.4, 4052456.5, 69.4, 69.4, 0.0);	(730996.4, 4052481.5, 69.4, 69.4, 0.0);
(730996.4, 4052506.5, 69.3, 69.3, 0.0);	(730996.4, 4052531.5, 69.2, 69.2, 0.0);
(730996.4, 4052556.5, 69.1, 69.1, 0.0);	(730996.4, 4052581.5, 69.1, 69.1, 0.0);
(730996.4, 4052606.5, 69.0, 69.0, 0.0);	(730996.4, 4052631.5, 68.9, 68.9, 0.0);
(730996.4, 4052656.5, 68.8, 68.8, 0.0);	(730996.4, 4052681.5, 68.7, 68.7, 0.0);
(730996.4, 4052706.5, 68.6, 68.6, 0.0);	(730996.4, 4052731.5, 68.5, 68.5, 0.0);
(730996.4, 4052756.5, 68.5, 68.5, 0.0);	(730996.4, 4052781.5, 68.4, 68.4, 0.0);
(730996.4, 4052806.5, 68.3, 68.3, 0.0);	(730996.4, 4052831.5, 68.2, 68.2, 0.0);
(730996.4, 4052856.5, 68.1, 68.1, 0.0);	(730996.4, 4052881.5, 68.1, 68.1, 0.0);
(730996.4, 4052906.5, 68.0, 68.0, 0.0);	(730996.4, 4052931.5, 67.9, 67.9, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730996.4, 4052956.5, 67.8, 67.8, 0.0);	(730996.4, 4052981.5, 67.8, 67.8, 0.0);
(730996.4, 4053006.5, 67.7, 67.7, 0.0);	(730996.4, 4053031.5, 67.6, 67.6, 0.0);
(730996.4, 4053056.5, 67.5, 67.5, 0.0);	(730996.4, 4053081.5, 67.5, 67.5, 0.0);
(730996.4, 4053106.5, 67.4, 67.4, 0.0);	(730996.4, 4053131.5, 67.4, 67.4, 0.0);
(730996.4, 4053156.5, 67.3, 67.3, 0.0);	(730996.4, 4053181.5, 67.2, 67.2, 0.0);
(730996.4, 4053206.5, 67.2, 67.2, 0.0);	(730996.4, 4053231.5, 67.1, 67.1, 0.0);
(730996.4, 4053256.5, 67.1, 67.1, 0.0);	(730996.4, 4053281.5, 67.0, 67.0, 0.0);
(730996.4, 4053306.5, 66.9, 66.9, 0.0);	(730996.4, 4053331.5, 66.9, 66.9, 0.0);
(730996.4, 4053356.5, 66.8, 66.8, 0.0);	(730996.4, 4053381.5, 66.7, 66.7, 0.0);
(730996.4, 4053406.5, 66.7, 66.7, 0.0);	(730996.4, 4053431.5, 66.6, 66.6, 0.0);
(730996.4, 4053456.5, 66.5, 66.5, 0.0);	(730996.4, 4053481.5, 66.5, 66.5, 0.0);
(730996.4, 4053506.5, 66.4, 66.4, 0.0);	(730996.4, 4053531.5, 66.4, 66.4, 0.0);
(730996.4, 4053556.5, 66.3, 66.3, 0.0);	(730996.4, 4053581.5, 66.3, 66.3, 0.0);
(730996.4, 4053606.5, 66.2, 66.2, 0.0);	(730996.4, 4053631.5, 66.2, 66.2, 0.0);
(730996.4, 4053656.5, 66.1, 66.1, 0.0);	(730996.4, 4053681.5, 66.1, 66.1, 0.0);
(730996.4, 4053706.5, 66.1, 66.1, 0.0);	(730996.4, 4053731.5, 66.0, 66.0, 0.0);
(730996.4, 4053756.5, 66.0, 66.0, 0.0);	(730996.4, 4053781.5, 65.9, 65.9, 0.0);
(730996.4, 4053806.5, 65.9, 65.9, 0.0);	(730996.4, 4053831.5, 65.9, 65.9, 0.0);
(730996.4, 4053856.5, 65.8, 65.8, 0.0);	(730996.4, 4053881.5, 65.8, 65.8, 0.0);
(730996.4, 4053906.5, 65.7, 65.7, 0.0);	(730996.4, 4053931.5, 65.7, 65.7, 0.0);
(730996.4, 4053956.5, 65.7, 65.7, 0.0);	(730996.4, 4053981.5, 65.6, 65.6, 0.0);
(730996.4, 4054006.5, 65.6, 65.6, 0.0);	(730996.4, 4054031.5, 65.5, 65.5, 0.0);
(730996.4, 4054056.5, 65.5, 65.5, 0.0);	(730996.4, 4054081.5, 65.5, 65.5, 0.0);
(730996.4, 4054106.5, 65.4, 65.4, 0.0);	(730996.4, 4054131.5, 65.3, 65.3, 0.0);
(730996.4, 4054156.5, 65.3, 65.3, 0.0);	(730996.4, 4054181.5, 65.3, 65.3, 0.0);
(730996.4, 4054206.5, 65.3, 65.3, 0.0);	(730996.4, 4054231.5, 65.3, 65.3, 0.0);
(730996.4, 4054256.5, 65.2, 65.2, 0.0);	(730996.4, 4054281.5, 65.2, 65.2, 0.0);
(730996.4, 4054306.5, 65.2, 65.2, 0.0);	(730996.4, 4054331.5, 65.2, 65.2, 0.0);
(730996.4, 4054356.5, 65.2, 65.2, 0.0);	(730996.4, 4054381.5, 65.2, 65.2, 0.0);
(730996.4, 4054406.5, 65.2, 65.2, 0.0);	(730996.4, 4054431.5, 65.2, 65.2, 0.0);
(730996.4, 4054456.5, 65.2, 65.2, 0.0);	(730996.4, 4054481.5, 65.2, 65.2, 0.0);
(730996.4, 4054506.5, 65.1, 65.1, 0.0);	(730996.4, 4054531.5, 65.1, 65.1, 0.0);
(730996.4, 4054556.5, 65.1, 65.1, 0.0);	(730996.4, 4054581.5, 65.1, 65.1, 0.0);
(730996.4, 4054606.5, 65.1, 65.1, 0.0);	(730996.4, 4054631.5, 65.1, 65.1, 0.0);
(730996.4, 4054656.5, 65.1, 65.1, 0.0);	(730996.4, 4054681.5, 65.1, 65.1, 0.0);
(730996.4, 4054706.5, 65.1, 65.1, 0.0);	(730996.4, 4054731.5, 65.0, 65.0, 0.0);
(730996.4, 4054756.5, 65.0, 65.0, 0.0);	(730996.4, 4054781.5, 64.9, 64.9, 0.0);
(730996.4, 4054806.5, 64.9, 64.9, 0.0);	(730996.4, 4054831.5, 64.8, 64.8, 0.0);
(730996.4, 4054856.5, 64.8, 64.8, 0.0);	(730996.4, 4054881.5, 64.7, 64.7, 0.0);
(730996.4, 4054906.5, 64.6, 64.6, 0.0);	(730996.4, 4054931.5, 64.6, 64.6, 0.0);
(730996.4, 4054956.5, 64.6, 64.6, 0.0);	(730996.4, 4054981.5, 64.6, 64.6, 0.0);
(730996.4, 4055006.5, 64.6, 64.6, 0.0);	(730996.4, 4055031.5, 64.6, 64.6, 0.0);
(730996.4, 4055056.5, 64.6, 64.6, 0.0);	(730996.4, 4055081.5, 64.6, 64.6, 0.0);
(730996.4, 4055106.5, 64.6, 64.6, 0.0);	(730996.4, 4055131.5, 64.6, 64.6, 0.0);
(730996.4, 4055156.5, 64.6, 64.6, 0.0);	(730996.4, 4055181.5, 64.6, 64.6, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730996.4, 4055206.5, 64.6, 64.6, 0.0);	(730996.4, 4055231.5, 64.6, 64.6, 0.0);
(730996.4, 4055256.5, 64.7, 64.7, 0.0);	(730996.4, 4055281.5, 64.7, 64.7, 0.0);
(730996.4, 4055306.5, 64.7, 64.7, 0.0);	(730996.4, 4055331.5, 64.7, 64.7, 0.0);
(731021.4, 4052331.5, 69.7, 69.7, 0.0);	(731021.4, 4052356.5, 69.6, 69.6, 0.0);
(731021.4, 4052381.5, 69.5, 69.5, 0.0);	(731021.4, 4052406.5, 69.4, 69.4, 0.0);
(731021.4, 4052431.5, 69.4, 69.4, 0.0);	(731021.4, 4052456.5, 69.4, 69.4, 0.0);
(731021.4, 4052481.5, 69.4, 69.4, 0.0);	(731021.4, 4052506.5, 69.3, 69.3, 0.0);
(731021.4, 4052531.5, 69.2, 69.2, 0.0);	(731021.4, 4052556.5, 69.1, 69.1, 0.0);
(731021.4, 4052581.5, 69.0, 69.0, 0.0);	(731021.4, 4052606.5, 68.9, 68.9, 0.0);
(731021.4, 4052631.5, 68.8, 68.8, 0.0);	(731021.4, 4052656.5, 68.7, 68.7, 0.0);
(731021.4, 4052681.5, 68.7, 68.7, 0.0);	(731021.4, 4052706.5, 68.6, 68.6, 0.0);
(731021.4, 4052731.5, 68.5, 68.5, 0.0);	(731021.4, 4052756.5, 68.4, 68.4, 0.0);
(731021.4, 4052781.5, 68.3, 68.3, 0.0);	(731021.4, 4052806.5, 68.3, 68.3, 0.0);
(731021.4, 4052831.5, 68.2, 68.2, 0.0);	(731021.4, 4052856.5, 68.1, 68.1, 0.0);
(731021.4, 4052881.5, 68.0, 68.0, 0.0);	(731021.4, 4052906.5, 68.0, 68.0, 0.0);
(731021.4, 4052931.5, 67.8, 67.8, 0.0);	(731021.4, 4052956.5, 67.8, 67.8, 0.0);
(731021.4, 4052981.5, 67.7, 67.7, 0.0);	(731021.4, 4053006.5, 67.6, 67.6, 0.0);
(731021.4, 4053031.5, 67.6, 67.6, 0.0);	(731021.4, 4053056.5, 67.5, 67.5, 0.0);
(731021.4, 4053081.5, 67.4, 67.4, 0.0);	(731021.4, 4053106.5, 67.4, 67.4, 0.0);
(731021.4, 4053131.5, 67.3, 67.3, 0.0);	(731021.4, 4053156.5, 67.2, 67.2, 0.0);
(731021.4, 4053181.5, 67.2, 67.2, 0.0);	(731021.4, 4053206.5, 67.1, 67.1, 0.0);
(731021.4, 4053231.5, 67.0, 67.0, 0.0);	(731021.4, 4053256.5, 67.0, 67.0, 0.0);
(731021.4, 4053281.5, 66.9, 66.9, 0.0);	(731021.4, 4053306.5, 66.9, 66.9, 0.0);
(731021.4, 4053331.5, 66.8, 66.8, 0.0);	(731021.4, 4053356.5, 66.7, 66.7, 0.0);
(731021.4, 4053381.5, 66.7, 66.7, 0.0);	(731021.4, 4053406.5, 66.6, 66.6, 0.0);
(731021.4, 4053431.5, 66.6, 66.6, 0.0);	(731021.4, 4053456.5, 66.5, 66.5, 0.0);
(731021.4, 4053481.5, 66.4, 66.4, 0.0);	(731021.4, 4053506.5, 66.4, 66.4, 0.0);
(731021.4, 4053531.5, 66.3, 66.3, 0.0);	(731021.4, 4053556.5, 66.3, 66.3, 0.0);
(731021.4, 4053581.5, 66.2, 66.2, 0.0);	(731021.4, 4053606.5, 66.2, 66.2, 0.0);
(731021.4, 4053631.5, 66.1, 66.1, 0.0);	(731021.4, 4053656.5, 66.1, 66.1, 0.0);
(731021.4, 4053681.5, 66.1, 66.1, 0.0);	(731021.4, 4053706.5, 66.0, 66.0, 0.0);
(731021.4, 4053731.5, 66.0, 66.0, 0.0);	(731021.4, 4053756.5, 65.9, 65.9, 0.0);

(731021.4, 4053781.5, 65.9, 65.9, 0.0);	(731021.4, 4053806.5, 65.8, 65.8, 0.0);
(731021.4, 4053831.5, 65.8, 65.8, 0.0);	(731021.4, 4053856.5, 65.8, 65.8, 0.0);
(731021.4, 4053881.5, 65.7, 65.7, 0.0);	(731021.4, 4053906.5, 65.7, 65.7, 0.0);
(731021.4, 4053931.5, 65.7, 65.7, 0.0);	(731021.4, 4053956.5, 65.6, 65.6, 0.0);
(731021.4, 4053981.5, 65.6, 65.6, 0.0);	(731021.4, 4054006.5, 65.5, 65.5, 0.0);
(731021.4, 4054031.5, 65.4, 65.4, 0.0);	(731021.4, 4054056.5, 65.4, 65.4, 0.0);
(731021.4, 4054081.5, 65.4, 65.4, 0.0);	(731021.4, 4054106.5, 65.4, 65.4, 0.0);
(731021.4, 4054131.5, 65.3, 65.3, 0.0);	(731021.4, 4054156.5, 65.3, 65.3, 0.0);
(731021.4, 4054181.5, 65.3, 65.3, 0.0);	(731021.4, 4054206.5, 65.2, 65.2, 0.0);
(731021.4, 4054231.5, 65.2, 65.2, 0.0);	(731021.4, 4054256.5, 65.2, 65.2, 0.0);
(731021.4, 4054281.5, 65.2, 65.2, 0.0);	(731021.4, 4054306.5, 65.2, 65.2, 0.0);
(731021.4, 4054331.5, 65.1, 65.1, 0.0);	(731021.4, 4054356.5, 65.1, 65.1, 0.0);
(731021.4, 4054381.5, 65.1, 65.1, 0.0);	(731021.4, 4054406.5, 65.1, 65.1, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731021.4, 4054431.5, 65.1, 65.1, 0.0);	(731021.4, 4054456.5, 65.1, 65.1, 0.0);
(731021.4, 4054481.5, 65.1, 65.1, 0.0);	(731021.4, 4054506.5, 65.1, 65.1, 0.0);
(731021.4, 4054531.5, 65.1, 65.1, 0.0);	(731021.4, 4054556.5, 65.1, 65.1, 0.0);
(731021.4, 4054581.5, 65.1, 65.1, 0.0);	(731021.4, 4054606.5, 65.1, 65.1, 0.0);
(731021.4, 4054631.5, 65.1, 65.1, 0.0);	(731021.4, 4054656.5, 65.1, 65.1, 0.0);
(731021.4, 4054681.5, 65.0, 65.0, 0.0);	(731021.4, 4054706.5, 65.0, 65.0, 0.0);
(731021.4, 4054731.5, 65.0, 65.0, 0.0);	(731021.4, 4054756.5, 65.0, 65.0, 0.0);
(731021.4, 4054781.5, 64.9, 64.9, 0.0);	(731021.4, 4054806.5, 64.9, 64.9, 0.0);
(731021.4, 4054831.5, 64.8, 64.8, 0.0);	(731021.4, 4054856.5, 64.8, 64.8, 0.0);
(731021.4, 4054881.5, 64.7, 64.7, 0.0);	(731021.4, 4054906.5, 64.6, 64.6, 0.0);
(731021.4, 4054931.5, 64.5, 64.5, 0.0);	(731021.4, 4054956.5, 64.5, 64.5, 0.0);
(731021.4, 4054981.5, 64.5, 64.5, 0.0);	(731021.4, 4055006.5, 64.5, 64.5, 0.0);
(731021.4, 4055031.5, 64.5, 64.5, 0.0);	(731021.4, 4055056.5, 64.5, 64.5, 0.0);
(731021.4, 4055081.5, 64.6, 64.6, 0.0);	(731021.4, 4055106.5, 64.5, 64.5, 0.0);
(731021.4, 4055131.5, 64.6, 64.6, 0.0);	(731021.4, 4055156.5, 64.6, 64.6, 0.0);
(731021.4, 4055181.5, 64.6, 64.6, 0.0);	(731021.4, 4055206.5, 64.6, 64.6, 0.0);
(731021.4, 4055231.5, 64.6, 64.6, 0.0);	(731021.4, 4055256.5, 64.6, 64.6, 0.0);
(731021.4, 4055281.5, 64.6, 64.6, 0.0);	(731021.4, 4055306.5, 64.6, 64.6, 0.0);
(731021.4, 4055331.5, 64.7, 64.7, 0.0);	(731046.4, 4052331.5, 69.7, 69.7, 0.0);
(731046.4, 4052356.5, 69.6, 69.6, 0.0);	(731046.4, 4052381.5, 69.5, 69.5, 0.0);
(731046.4, 4052406.5, 69.4, 69.4, 0.0);	(731046.4, 4052431.5, 69.4, 69.4, 0.0);
(731046.4, 4052456.5, 69.4, 69.4, 0.0);	(731046.4, 4052481.5, 69.3, 69.3, 0.0);
(731046.4, 4052506.5, 69.2, 69.2, 0.0);	(731046.4, 4052531.5, 69.1, 69.1, 0.0);
(731046.4, 4052556.5, 69.1, 69.1, 0.0);	(731046.4, 4052581.5, 69.0, 69.0, 0.0);
(731046.4, 4052606.5, 68.9, 68.9, 0.0);	(731046.4, 4052631.5, 68.8, 68.8, 0.0);
(731046.4, 4052656.5, 68.7, 68.7, 0.0);	(731046.4, 4052681.5, 68.6, 68.6, 0.0);
(731046.4, 4052706.5, 68.5, 68.5, 0.0);	(731046.4, 4052731.5, 68.4, 68.4, 0.0);
(731046.4, 4052756.5, 68.4, 68.4, 0.0);	(731046.4, 4052781.5, 68.3, 68.3, 0.0);
(731046.4, 4052806.5, 68.2, 68.2, 0.0);	(731046.4, 4052831.5, 68.1, 68.1, 0.0);
(731046.4, 4052856.5, 68.0, 68.0, 0.0);	(731046.4, 4052881.5, 68.0, 68.0, 0.0);
(731046.4, 4052906.5, 67.9, 67.9, 0.0);	(731046.4, 4052931.5, 67.8, 67.8, 0.0);
(731046.4, 4052956.5, 67.7, 67.7, 0.0);	(731046.4, 4052981.5, 67.7, 67.7, 0.0);
(731046.4, 4053006.5, 67.6, 67.6, 0.0);	(731046.4, 4053031.5, 67.5, 67.5, 0.0);
(731046.4, 4053056.5, 67.5, 67.5, 0.0);	(731046.4, 4053081.5, 67.4, 67.4, 0.0);
(731046.4, 4053106.5, 67.3, 67.3, 0.0);	(731046.4, 4053131.5, 67.3, 67.3, 0.0);
(731046.4, 4053156.5, 67.2, 67.2, 0.0);	(731046.4, 4053181.5, 67.1, 67.1, 0.0);
(731046.4, 4053206.5, 67.1, 67.1, 0.0);	(731046.4, 4053231.5, 67.0, 67.0, 0.0);
(731046.4, 4053256.5, 66.9, 66.9, 0.0);	(731046.4, 4053281.5, 66.9, 66.9, 0.0);
(731046.4, 4053306.5, 66.8, 66.8, 0.0);	(731046.4, 4053331.5, 66.7, 66.7, 0.0);
(731046.4, 4053356.5, 66.7, 66.7, 0.0);	(731046.4, 4053381.5, 66.6, 66.6, 0.0);
(731046.4, 4053406.5, 66.6, 66.6, 0.0);	(731046.4, 4053431.5, 66.5, 66.5, 0.0);
(731046.4, 4053456.5, 66.5, 66.5, 0.0);	(731046.4, 4053481.5, 66.4, 66.4, 0.0);
(731046.4, 4053506.5, 66.3, 66.3, 0.0);	(731046.4, 4053531.5, 66.3, 66.3, 0.0);
(731046.4, 4053556.5, 66.2, 66.2, 0.0);	(731046.4, 4053581.5, 66.2, 66.2, 0.0);
(731046.4, 4053606.5, 66.1, 66.1, 0.0);	(731046.4, 4053631.5, 66.1, 66.1, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731046.4, 4053656.5, 66.1, 66.1, 0.0);	(731046.4, 4053681.5, 66.0, 66.0, 0.0);
(731046.4, 4053706.5, 66.0, 66.0, 0.0);	(731046.4, 4053731.5, 66.0, 66.0, 0.0);
(731046.4, 4053756.5, 65.9, 65.9, 0.0);	(731046.4, 4053781.5, 65.9, 65.9, 0.0);
(731046.4, 4053806.5, 65.8, 65.8, 0.0);	(731046.4, 4053831.5, 65.8, 65.8, 0.0);
(731046.4, 4053856.5, 65.7, 65.7, 0.0);	(731046.4, 4053881.5, 65.7, 65.7, 0.0);
(731046.4, 4053906.5, 65.6, 65.6, 0.0);	(731046.4, 4053931.5, 65.5, 65.5, 0.0);
(731046.4, 4053956.5, 65.5, 65.5, 0.0);	(731046.4, 4053981.5, 65.5, 65.5, 0.0);
(731046.4, 4054006.5, 65.4, 65.4, 0.0);	(731046.4, 4054031.5, 65.4, 65.4, 0.0);
(731046.4, 4054056.5, 65.4, 65.4, 0.0);	(731046.4, 4054081.5, 65.3, 65.3, 0.0);
(731046.4, 4054106.5, 65.3, 65.3, 0.0);	(731046.4, 4054131.5, 65.3, 65.3, 0.0);
(731046.4, 4054156.5, 65.2, 65.2, 0.0);	(731046.4, 4054181.5, 65.2, 65.2, 0.0);
(731046.4, 4054206.5, 65.2, 65.2, 0.0);	(731046.4, 4054231.5, 65.1, 65.1, 0.0);
(731046.4, 4054256.5, 65.1, 65.1, 0.0);	(731046.4, 4054281.5, 65.1, 65.1, 0.0);
(731046.4, 4054306.5, 65.1, 65.1, 0.0);	(731046.4, 4054331.5, 65.1, 65.1, 0.0);
(731046.4, 4054356.5, 65.1, 65.1, 0.0);	(731046.4, 4054381.5, 65.1, 65.1, 0.0);
(731046.4, 4054406.5, 65.1, 65.1, 0.0);	(731046.4, 4054431.5, 65.1, 65.1, 0.0);
(731046.4, 4054456.5, 65.1, 65.1, 0.0);	(731046.4, 4054481.5, 65.1, 65.1, 0.0);
(731046.4, 4054506.5, 65.0, 65.0, 0.0);	(731046.4, 4054531.5, 65.0, 65.0, 0.0);
(731046.4, 4054556.5, 65.0, 65.0, 0.0);	(731046.4, 4054581.5, 65.0, 65.0, 0.0);
(731046.4, 4054606.5, 65.0, 65.0, 0.0);	(731046.4, 4054631.5, 65.0, 65.0, 0.0);
(731046.4, 4054656.5, 65.0, 65.0, 0.0);	(731046.4, 4054681.5, 65.0, 65.0, 0.0);
(731046.4, 4054706.5, 65.0, 65.0, 0.0);	(731046.4, 4054731.5, 65.0, 65.0, 0.0);
(731046.4, 4054756.5, 65.0, 65.0, 0.0);	(731046.4, 4054781.5, 64.9, 64.9, 0.0);
(731046.4, 4054806.5, 64.9, 64.9, 0.0);	(731046.4, 4054831.5, 64.8, 64.8, 0.0);
(731046.4, 4054856.5, 64.8, 64.8, 0.0);	(731046.4, 4054881.5, 64.7, 64.7, 0.0);
(731046.4, 4054906.5, 64.6, 64.6, 0.0);	(731046.4, 4054931.5, 64.5, 64.5, 0.0);
(731046.4, 4054956.5, 64.5, 64.5, 0.0);	(731046.4, 4054981.5, 64.5, 64.5, 0.0);
(731046.4, 4055006.5, 64.5, 64.5, 0.0);	(731046.4, 4055031.5, 64.5, 64.5, 0.0);
(731046.4, 4055056.5, 64.5, 64.5, 0.0);	(731046.4, 4055081.5, 64.5, 64.5, 0.0);
(731046.4, 4055106.5, 64.5, 64.5, 0.0);	(731046.4, 4055131.5, 64.5, 64.5, 0.0);
(731046.4, 4055156.5, 64.5, 64.5, 0.0);	(731046.4, 4055181.5, 64.5, 64.5, 0.0);
(731046.4, 4055206.5, 64.5, 64.5, 0.0);	(731046.4, 4055231.5, 64.6, 64.6, 0.0);
(731046.4, 4055256.5, 64.6, 64.6, 0.0);	(731046.4, 4055281.5, 64.6, 64.6, 0.0);
(731046.4, 4055306.5, 64.6, 64.6, 0.0);	(731046.4, 4055331.5, 64.6, 64.6, 0.0);
(731071.4, 4052331.5, 69.7, 69.7, 0.0);	(731071.4, 4052356.5, 69.6, 69.6, 0.0);
(731071.4, 4052381.5, 69.5, 69.5, 0.0);	(731071.4, 4052406.5, 69.4, 69.4, 0.0);
(731071.4, 4052431.5, 69.4, 69.4, 0.0);	(731071.4, 4052456.5, 69.4, 69.4, 0.0);
(731071.4, 4052481.5, 69.3, 69.3, 0.0);	(731071.4, 4052506.5, 69.2, 69.2, 0.0);
(731071.4, 4052531.5, 69.1, 69.1, 0.0);	(731071.4, 4052556.5, 69.0, 69.0, 0.0);

(731071.4, 4052581.5, 68.9, 68.9, 0.0);	(731071.4, 4052606.5, 68.8, 68.8, 0.0);
(731071.4, 4052631.5, 68.8, 68.8, 0.0);	(731071.4, 4052656.5, 68.6, 68.6, 0.0);
(731071.4, 4052681.5, 68.6, 68.6, 0.0);	(731071.4, 4052706.5, 68.5, 68.5, 0.0);
(731071.4, 4052731.5, 68.4, 68.4, 0.0);	(731071.4, 4052756.5, 68.3, 68.3, 0.0);
(731071.4, 4052781.5, 68.2, 68.2, 0.0);	(731071.4, 4052806.5, 68.2, 68.2, 0.0);
(731071.4, 4052831.5, 68.1, 68.1, 0.0);	(731071.4, 4052856.5, 68.0, 68.0, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731071.4, 4052881.5, 67.9, 67.9, 0.0);	(731071.4, 4052906.5, 67.8, 67.8, 0.0);
(731071.4, 4052931.5, 67.8, 67.8, 0.0);	(731071.4, 4052956.5, 67.7, 67.7, 0.0);
(731071.4, 4052981.5, 67.6, 67.6, 0.0);	(731071.4, 4053006.5, 67.5, 67.5, 0.0);
(731071.4, 4053031.5, 67.5, 67.5, 0.0);	(731071.4, 4053056.5, 67.4, 67.4, 0.0);
(731071.4, 4053081.5, 67.3, 67.3, 0.0);	(731071.4, 4053106.5, 67.3, 67.3, 0.0);
(731071.4, 4053131.5, 67.2, 67.2, 0.0);	(731071.4, 4053156.5, 67.1, 67.1, 0.0);
(731071.4, 4053181.5, 67.1, 67.1, 0.0);	(731071.4, 4053206.5, 67.0, 67.0, 0.0);
(731071.4, 4053231.5, 66.9, 66.9, 0.0);	(731071.4, 4053256.5, 66.9, 66.9, 0.0);
(731071.4, 4053281.5, 66.8, 66.8, 0.0);	(731071.4, 4053306.5, 66.8, 66.8, 0.0);
(731071.4, 4053331.5, 66.7, 66.7, 0.0);	(731071.4, 4053356.5, 66.6, 66.6, 0.0);
(731071.4, 4053381.5, 66.6, 66.6, 0.0);	(731071.4, 4053406.5, 66.5, 66.5, 0.0);
(731071.4, 4053431.5, 66.5, 66.5, 0.0);	(731071.4, 4053456.5, 66.4, 66.4, 0.0);
(731071.4, 4053481.5, 66.3, 66.3, 0.0);	(731071.4, 4053506.5, 66.3, 66.3, 0.0);
(731071.4, 4053531.5, 66.2, 66.2, 0.0);	(731071.4, 4053556.5, 66.2, 66.2, 0.0);
(731071.4, 4053581.5, 66.2, 66.2, 0.0);	(731071.4, 4053606.5, 66.1, 66.1, 0.0);
(731071.4, 4053631.5, 66.1, 66.1, 0.0);	(731071.4, 4053656.5, 66.0, 66.0, 0.0);
(731071.4, 4053681.5, 66.0, 66.0, 0.0);	(731071.4, 4053706.5, 65.9, 65.9, 0.0);
(731071.4, 4053731.5, 65.9, 65.9, 0.0);	(731071.4, 4053756.5, 65.9, 65.9, 0.0);
(731071.4, 4053781.5, 65.8, 65.8, 0.0);	(731071.4, 4053806.5, 65.8, 65.8, 0.0);
(731071.4, 4053831.5, 65.7, 65.7, 0.0);	(731071.4, 4053856.5, 65.7, 65.7, 0.0);
(731071.4, 4053881.5, 65.6, 65.6, 0.0);	(731071.4, 4053906.5, 65.6, 65.6, 0.0);
(731071.4, 4053931.5, 65.5, 65.5, 0.0);	(731071.4, 4053956.5, 65.5, 65.5, 0.0);
(731071.4, 4053981.5, 65.5, 65.5, 0.0);	(731071.4, 4054006.5, 65.4, 65.4, 0.0);
(731071.4, 4054031.5, 65.3, 65.3, 0.0);	(731071.4, 4054056.5, 65.3, 65.3, 0.0);
(731071.4, 4054081.5, 65.3, 65.3, 0.0);	(731071.4, 4054106.5, 65.2, 65.2, 0.0);
(731071.4, 4054131.5, 65.2, 65.2, 0.0);	(731071.4, 4054156.5, 65.2, 65.2, 0.0);
(731071.4, 4054181.5, 65.2, 65.2, 0.0);	(731071.4, 4054206.5, 65.1, 65.1, 0.0);
(731071.4, 4054231.5, 65.1, 65.1, 0.0);	(731071.4, 4054256.5, 65.1, 65.1, 0.0);
(731071.4, 4054281.5, 65.1, 65.1, 0.0);	(731071.4, 4054306.5, 65.0, 65.0, 0.0);
(731071.4, 4054331.5, 65.0, 65.0, 0.0);	(731071.4, 4054356.5, 65.0, 65.0, 0.0);
(731071.4, 4054381.5, 65.0, 65.0, 0.0);	(731071.4, 4054406.5, 65.0, 65.0, 0.0);
(731071.4, 4054431.5, 65.0, 65.0, 0.0);	(731071.4, 4054456.5, 65.0, 65.0, 0.0);
(731071.4, 4054481.5, 65.0, 65.0, 0.0);	(731071.4, 4054506.5, 65.0, 65.0, 0.0);
(731071.4, 4054531.5, 65.0, 65.0, 0.0);	(731071.4, 4054556.5, 65.0, 65.0, 0.0);
(731071.4, 4054581.5, 65.0, 65.0, 0.0);	(731071.4, 4054606.5, 65.0, 65.0, 0.0);
(731071.4, 4054631.5, 65.0, 65.0, 0.0);	(731071.4, 4054656.5, 65.0, 65.0, 0.0);
(731071.4, 4054681.5, 65.0, 65.0, 0.0);	(731071.4, 4054706.5, 65.0, 65.0, 0.0);
(731071.4, 4054731.5, 65.0, 65.0, 0.0);	(731071.4, 4054756.5, 64.9, 64.9, 0.0);
(731071.4, 4054781.5, 64.9, 64.9, 0.0);	(731071.4, 4054806.5, 64.9, 64.9, 0.0);
(731071.4, 4054831.5, 64.8, 64.8, 0.0);	(731071.4, 4054856.5, 64.8, 64.8, 0.0);
(731071.4, 4054881.5, 64.7, 64.7, 0.0);	(731071.4, 4054906.5, 64.6, 64.6, 0.0);
(731071.4, 4054931.5, 64.5, 64.5, 0.0);	(731071.4, 4054956.5, 64.5, 64.5, 0.0);
(731071.4, 4054981.5, 64.5, 64.5, 0.0);	(731071.4, 4055006.5, 64.4, 64.4, 0.0);
(731071.4, 4055031.5, 64.4, 64.4, 0.0);	(731071.4, 4055056.5, 64.5, 64.5, 0.0);
(731071.4, 4055081.5, 64.5, 64.5, 0.0);	(731071.4, 4055106.5, 64.5, 64.5, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731071.4, 4055131.5, 64.5, 64.5, 0.0);	(731071.4, 4055156.5, 64.5, 64.5, 0.0);
(731071.4, 4055181.5, 64.5, 64.5, 0.0);	(731071.4, 4055206.5, 64.5, 64.5, 0.0);
(731071.4, 4055231.5, 64.5, 64.5, 0.0);	(731071.4, 4055256.5, 64.5, 64.5, 0.0);
(731071.4, 4055281.5, 64.5, 64.5, 0.0);	(731071.4, 4055306.5, 64.6, 64.6, 0.0);
(731071.4, 4055331.5, 64.6, 64.6, 0.0);	(731096.4, 4052331.5, 69.7, 69.7, 0.0);
(731096.4, 4052356.5, 69.6, 69.6, 0.0);	(731096.4, 4052381.5, 69.5, 69.5, 0.0);
(731096.4, 4052406.5, 69.4, 69.4, 0.0);	(731096.4, 4052431.5, 69.4, 69.4, 0.0);
(731096.4, 4052456.5, 69.3, 69.3, 0.0);	(731096.4, 4052481.5, 69.2, 69.2, 0.0);
(731096.4, 4052506.5, 69.1, 69.1, 0.0);	(731096.4, 4052531.5, 69.1, 69.1, 0.0);
(731096.4, 4052556.5, 69.0, 69.0, 0.0);	(731096.4, 4052581.5, 68.9, 68.9, 0.0);
(731096.4, 4052606.5, 68.8, 68.8, 0.0);	(731096.4, 4052631.5, 68.7, 68.7, 0.0);
(731096.4, 4052656.5, 68.6, 68.6, 0.0);	(731096.4, 4052681.5, 68.5, 68.5, 0.0);
(731096.4, 4052706.5, 68.5, 68.5, 0.0);	(731096.4, 4052731.5, 68.4, 68.4, 0.0);
(731096.4, 4052756.5, 68.3, 68.3, 0.0);	(731096.4, 4052781.5, 68.2, 68.2, 0.0);
(731096.4, 4052806.5, 68.1, 68.1, 0.0);	(731096.4, 4052831.5, 68.0, 68.0, 0.0);
(731096.4, 4052856.5, 68.0, 68.0, 0.0);	(731096.4, 4052881.5, 67.9, 67.9, 0.0);
(731096.4, 4052906.5, 67.8, 67.8, 0.0);	(731096.4, 4052931.5, 67.7, 67.7, 0.0);
(731096.4, 4052956.5, 67.6, 67.6, 0.0);	(731096.4, 4052981.5, 67.6, 67.6, 0.0);
(731096.4, 4053006.5, 67.5, 67.5, 0.0);	(731096.4, 4053031.5, 67.4, 67.4, 0.0);
(731096.4, 4053056.5, 67.3, 67.3, 0.0);	(731096.4, 4053081.5, 67.3, 67.3, 0.0);
(731096.4, 4053106.5, 67.2, 67.2, 0.0);	(731096.4, 4053131.5, 67.1, 67.1, 0.0);
(731096.4, 4053156.5, 67.1, 67.1, 0.0);	(731096.4, 4053181.5, 67.0, 67.0, 0.0);
(731096.4, 4053206.5, 67.0, 67.0, 0.0);	(731096.4, 4053231.5, 66.9, 66.9, 0.0);
(731096.4, 4053256.5, 66.8, 66.8, 0.0);	(731096.4, 4053281.5, 66.8, 66.8, 0.0);
(731096.4, 4053306.5, 66.7, 66.7, 0.0);	(731096.4, 4053331.5, 66.6, 66.6, 0.0);
(731096.4, 4053356.5, 66.6, 66.6, 0.0);	(731096.4, 4053381.5, 66.5, 66.5, 0.0);
(731096.4, 4053406.5, 66.5, 66.5, 0.0);	(731096.4, 4053431.5, 66.4, 66.4, 0.0);
(731096.4, 4053456.5, 66.3, 66.3, 0.0);	(731096.4, 4053481.5, 66.3, 66.3, 0.0);
(731096.4, 4053506.5, 66.3, 66.3, 0.0);	(731096.4, 4053531.5, 66.2, 66.2, 0.0);
(731096.4, 4053556.5, 66.2, 66.2, 0.0);	(731096.4, 4053581.5, 66.1, 66.1, 0.0);
(731096.4, 4053606.5, 66.1, 66.1, 0.0);	(731096.4, 4053631.5, 66.0, 66.0, 0.0);
(731096.4, 4053656.5, 66.0, 66.0, 0.0);	(731096.4, 4053681.5, 66.0, 66.0, 0.0);
(731096.4, 4053706.5, 65.9, 65.9, 0.0);	(731096.4, 4053731.5, 65.9, 65.9, 0.0);
(731096.4, 4053756.5, 65.8, 65.8, 0.0);	(731096.4, 4053781.5, 65.8, 65.8, 0.0);
(731096.4, 4053806.5, 65.7, 65.7, 0.0);	(731096.4, 4053831.5, 65.7, 65.7, 0.0);
(731096.4, 4053856.5, 65.6, 65.6, 0.0);	(731096.4, 4053881.5, 65.5, 65.5, 0.0);
(731096.4, 4053906.5, 65.4, 65.4, 0.0);	(731096.4, 4053931.5, 65.5, 65.5, 0.0);
(731096.4, 4053956.5, 65.3, 65.3, 0.0);	(731096.4, 4053981.5, 65.4, 65.4, 0.0);
(731096.4, 4054006.5, 65.3, 65.3, 0.0);	(731096.4, 4054031.5, 65.3, 65.3, 0.0);
(731096.4, 4054056.5, 65.2, 65.2, 0.0);	(731096.4, 4054081.5, 65.2, 65.2, 0.0);
(731096.4, 4054106.5, 65.2, 65.2, 0.0);	(731096.4, 4054131.5, 65.2, 65.2, 0.0);
(731096.4, 4054156.5, 65.1, 65.1, 0.0);	(731096.4, 4054181.5, 65.1, 65.1, 0.0);
(731096.4, 4054206.5, 65.1, 65.1, 0.0);	(731096.4, 4054231.5, 65.0, 65.0, 0.0);
(731096.4, 4054256.5, 65.0, 65.0, 0.0);	(731096.4, 4054281.5, 65.0, 65.0, 0.0);
(731096.4, 4054306.5, 65.0, 65.0, 0.0);	(731096.4, 4054331.5, 65.0, 65.0, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731096.4, 4054356.5, 65.0, 65.0, 0.0);	(731096.4, 4054381.5, 65.0, 65.0, 0.0);
(731096.4, 4054406.5, 65.0, 65.0, 0.0);	(731096.4, 4054431.5, 65.0, 65.0, 0.0);
(731096.4, 4054456.5, 65.0, 65.0, 0.0);	(731096.4, 4054481.5, 65.0, 65.0, 0.0);
(731096.4, 4054506.5, 65.0, 65.0, 0.0);	(731096.4, 4054531.5, 65.0, 65.0, 0.0);
(731096.4, 4054556.5, 65.0, 65.0, 0.0);	(731096.4, 4054581.5, 64.9, 64.9, 0.0);
(731096.4, 4054606.5, 64.9, 64.9, 0.0);	(731096.4, 4054631.5, 64.9, 64.9, 0.0);
(731096.4, 4054656.5, 64.9, 64.9, 0.0);	(731096.4, 4054681.5, 64.9, 64.9, 0.0);
(731096.4, 4054706.5, 64.9, 64.9, 0.0);	(731096.4, 4054731.5, 64.9, 64.9, 0.0);
(731096.4, 4054756.5, 64.9, 64.9, 0.0);	(731096.4, 4054781.5, 64.9, 64.9, 0.0);
(731096.4, 4054806.5, 64.9, 64.9, 0.0);	(731096.4, 4054831.5, 64.8, 64.8, 0.0);
(731096.4, 4054856.5, 64.8, 64.8, 0.0);	(731096.4, 4054881.5, 64.7, 64.7, 0.0);
(731096.4, 4054906.5, 64.6, 64.6, 0.0);	(731096.4, 4054931.5, 64.5, 64.5, 0.0);
(731096.4, 4054956.5, 64.5, 64.5, 0.0);	(731096.4, 4054981.5, 64.4, 64.4, 0.0);
(731096.4, 4055006.5, 64.4, 64.4, 0.0);	(731096.4, 4055031.5, 64.4, 64.4, 0.0);
(731096.4, 4055056.5, 64.4, 64.4, 0.0);	(731096.4, 4055081.5, 64.4, 64.4, 0.0);
(731096.4, 4055106.5, 64.4, 64.4, 0.0);	(731096.4, 4055131.5, 64.4, 64.4, 0.0);
(731096.4, 4055156.5, 64.4, 64.4, 0.0);	(731096.4, 4055181.5, 64.5, 64.5, 0.0);
(731096.4, 4055206.5, 64.5, 64.5, 0.0);	(731096.4, 4055231.5, 64.5, 64.5, 0.0);
(731096.4, 4055256.5, 64.5, 64.5, 0.0);	(731096.4, 4055281.5, 64.5, 64.5, 0.0);
(731096.4, 4055306.5, 64.5, 64.5, 0.0);	(731096.4, 4055331.5, 64.5, 64.5, 0.0);
(731121.4, 4052331.5, 69.6, 69.6, 0.0);	(731121.4, 4052356.5, 69.5, 69.5, 0.0);
(731121.4, 4052381.5, 69.5, 69.5, 0.0);	(731121.4, 4052406.5, 69.4, 69.4, 0.0);
(731121.4, 4052431.5, 69.3, 69.3, 0.0);	(731121.4, 4052456.5, 69.3, 69.3, 0.0);
(731121.4, 4052481.5, 69.2, 69.2, 0.0);	(731121.4, 4052506.5, 69.1, 69.1, 0.0);
(731121.4, 4052531.5, 69.0, 69.0, 0.0);	(731121.4, 4052556.5, 68.9, 68.9, 0.0);
(731121.4, 4052581.5, 68.8, 68.8, 0.0);	(731121.4, 4052606.5, 68.7, 68.7, 0.0);
(731121.4, 4052631.5, 68.6, 68.6, 0.0);	(731121.4, 4052656.5, 68.5, 68.5, 0.0);
(731121.4, 4052681.5, 68.5, 68.5, 0.0);	(731121.4, 4052706.5, 68.4, 68.4, 0.0);
(731121.4, 4052731.5, 68.3, 68.3, 0.0);	(731121.4, 4052756.5, 68.2, 68.2, 0.0);
(731121.4, 4052781.5, 68.1, 68.1, 0.0);	(731121.4, 4052806.5, 68.1, 68.1, 0.0);
(731121.4, 4052831.5, 68.0, 68.0, 0.0);	(731121.4, 4052856.5, 67.9, 67.9, 0.0);
(731121.4, 4052881.5, 67.8, 67.8, 0.0);	(731121.4, 4052906.5, 67.7, 67.7, 0.0);
(731121.4, 4052931.5, 67.7, 67.7, 0.0);	(731121.4, 4052956.5, 67.6, 67.6, 0.0);
(731121.4, 4052981.5, 67.5, 67.5, 0.0);	(731121.4, 4053006.5, 67.4, 67.4, 0.0);
(731121.4, 4053031.5, 67.4, 67.4, 0.0);	(731121.4, 4053056.5, 67.3, 67.3, 0.0);
(731121.4, 4053081.5, 67.2, 67.2, 0.0);	(731121.4, 4053106.5, 67.2, 67.2, 0.0);
(731121.4, 4053131.5, 67.1, 67.1, 0.0);	(731121.4, 4053156.5, 67.0, 67.0, 0.0);
(731121.4, 4053181.5, 67.0, 67.0, 0.0);	(731121.4, 4053206.5, 66.9, 66.9, 0.0);
(731121.4, 4053231.5, 66.8, 66.8, 0.0);	(731121.4, 4053256.5, 66.8, 66.8, 0.0);
(731121.4, 4053281.5, 66.7, 66.7, 0.0);	(731121.4, 4053306.5, 66.6, 66.6, 0.0);
(731121.4, 4053331.5, 66.6, 66.6, 0.0);	(731121.4, 4053356.5, 66.5, 66.5, 0.0);
(731121.4, 4053381.5, 66.5, 66.5, 0.0);	(731121.4, 4053406.5, 66.4, 66.4, 0.0);
(731121.4, 4053431.5, 66.4, 66.4, 0.0);	(731121.4, 4053456.5, 66.3, 66.3, 0.0);
(731121.4, 4053481.5, 66.3, 66.3, 0.0);	(731121.4, 4053506.5, 66.2, 66.2, 0.0);
(731121.4, 4053531.5, 66.2, 66.2, 0.0);	(731121.4, 4053556.5, 66.1, 66.1, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731121.4, 4053581.5, 66.1, 66.1, 0.0);	(731121.4, 4053606.5, 66.1, 66.1, 0.0);
(731121.4, 4053631.5, 66.0, 66.0, 0.0);	(731121.4, 4053656.5, 66.0, 66.0, 0.0);
(731121.4, 4053681.5, 65.9, 65.9, 0.0);	(731121.4, 4053706.5, 65.9, 65.9, 0.0);
(731121.4, 4053731.5, 65.8, 65.8, 0.0);	(731121.4, 4053756.5, 65.8, 65.8, 0.0);
(731121.4, 4053781.5, 65.7, 65.7, 0.0);	(731121.4, 4053806.5, 65.7, 65.7, 0.0);
(731121.4, 4053831.5, 65.6, 65.6, 0.0);	(731121.4, 4053856.5, 65.5, 65.5, 0.0);
(731121.4, 4053881.5, 65.5, 65.5, 0.0);	(731121.4, 4053906.5, 65.4, 65.4, 0.0);
(731121.4, 4053931.5, 65.3, 65.3, 0.0);	(731121.4, 4053956.5, 65.3, 65.3, 0.0);
(731121.4, 4053981.5, 65.2, 65.2, 0.0);	(731121.4, 4054006.5, 65.3, 65.3, 0.0);
(731121.4, 4054031.5, 65.2, 65.2, 0.0);	(731121.4, 4054056.5, 65.2, 65.2, 0.0);
(731121.4, 4054081.5, 65.1, 65.1, 0.0);	(731121.4, 4054106.5, 65.1, 65.1, 0.0);
(731121.4, 4054131.5, 65.1, 65.1, 0.0);	(731121.4, 4054156.5, 65.1, 65.1, 0.0);
(731121.4, 4054181.5, 65.0, 65.0, 0.0);	(731121.4, 4054206.5, 65.0, 65.0, 0.0);
(731121.4, 4054231.5, 65.0, 65.0, 0.0);	(731121.4, 4054256.5, 65.0, 65.0, 0.0);
(731121.4, 4054281.5, 64.9, 64.9, 0.0);	(731121.4, 4054306.5, 64.9, 64.9, 0.0);
(731121.4, 4054331.5, 64.9, 64.9, 0.0);	(731121.4, 4054356.5, 64.9, 64.9, 0.0);
(731121.4, 4054381.5, 64.9, 64.9, 0.0);	(731121.4, 4054406.5, 64.9, 64.9, 0.0);
(731121.4, 4054431.5, 64.9, 64.9, 0.0);	(731121.4, 4054456.5, 64.9, 64.9, 0.0);
(731121.4, 4054481.5, 64.9, 64.9, 0.0);	(731121.4, 4054506.5, 64.9, 64.9, 0.0);
(731121.4, 4054531.5, 64.9, 64.9, 0.0);	(731121.4, 4054556.5, 64.9, 64.9, 0.0);
(731121.4, 4054581.5, 64.9, 64.9, 0.0);	(731121.4, 4054606.5, 64.9, 64.9, 0.0);
(731121.4, 4054631.5, 64.9, 64.9, 0.0);	(731121.4, 4054656.5, 64.9, 64.9, 0.0);
(731121.4, 4054681.5, 64.9, 64.9, 0.0);	(731121.4, 4054706.5, 64.9, 64.9, 0.0);
(731121.4, 4054731.5, 64.9, 64.9, 0.0);	(731121.4, 4054756.5, 64.9, 64.9, 0.0);
(731121.4, 4054781.5, 64.9, 64.9, 0.0);	(731121.4, 4054806.5, 64.9, 64.9, 0.0);
(731121.4, 4054831.5, 64.8, 64.8, 0.0);	(731121.4, 4054856.5, 64.8, 64.8, 0.0);
(731121.4, 4054881.5, 64.7, 64.7, 0.0);	(731121.4, 4054906.5, 64.6, 64.6, 0.0);
(731121.4, 4054931.5, 64.5, 64.5, 0.0);	(731121.4, 4054956.5, 64.5, 64.5, 0.0);
(731121.4, 4054981.5, 64.4, 64.4, 0.0);	(731121.4, 4055006.5, 64.4, 64.4, 0.0);
(731121.4, 4055031.5, 64.4, 64.4, 0.0);	(731121.4, 4055056.5, 64.3, 64.3, 0.0);
(731121.4, 4055081.5, 64.3, 64.3, 0.0);	(731121.4, 4055106.5, 64.4, 64.4, 0.0);
(731121.4, 4055131.5, 64.4, 64.4, 0.0);	(731121.4, 4055156.5, 64.4, 64.4, 0.0);
(731121.4, 4055181.5, 64.4, 64.4, 0.0);	(731121.4, 4055206.5, 64.4, 64.4, 0.0);
(731121.4, 4055231.5, 64.4, 64.4, 0.0);	(731121.4, 4055256.5, 64.4, 64.4, 0.0);
(731121.4, 4055281.5, 64.4, 64.4, 0.0);	(731121.4, 4055306.5, 64.5, 64.5, 0.0);
(731121.4, 4055331.5, 64.5, 64.5, 0.0);	(731146.4, 4052331.5, 69.5, 69.5, 0.0);
(731146.4, 4052356.5, 69.5, 69.5, 0.0);	(731146.4, 4052381.5, 69.4, 69.4, 0.0);
(731146.4, 4052406.5, 69.4, 69.4, 0.0);	(731146.4, 4052431.5, 69.3, 69.3, 0.0);
(731146.4, 4052456.5, 69.2, 69.2, 0.0);	(731146.4, 4052481.5, 69.1, 69.1, 0.0);
(731146.4, 4052506.5, 69.0, 69.0, 0.0);	(731146.4, 4052531.5, 69.0, 69.0, 0.0);
(731146.4, 4052556.5, 68.9, 68.9, 0.0);	(731146.4, 4052581.5, 68.8, 68.8, 0.0);
(731146.4, 4052606.5, 68.7, 68.7, 0.0);	(731146.4, 4052631.5, 68.6, 68.6, 0.0);
(731146.4, 4052656.5, 68.5, 68.5, 0.0);	(731146.4, 4052681.5, 68.4, 68.4, 0.0);
(731146.4, 4052706.5, 68.4, 68.4, 0.0);	(731146.4, 4052731.5, 68.3, 68.3, 0.0);
(731146.4, 4052756.5, 68.2, 68.2, 0.0);	(731146.4, 4052781.5, 68.1, 68.1, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731146.4, 4052806.5, 68.0, 68.0, 0.0);	(731146.4, 4052831.5, 67.9, 67.9, 0.0);
(731146.4, 4052856.5, 67.8, 67.8, 0.0);	(731146.4, 4052881.5, 67.8, 67.8, 0.0);
(731146.4, 4052906.5, 67.7, 67.7, 0.0);	(731146.4, 4052931.5, 67.6, 67.6, 0.0);
(731146.4, 4052956.5, 67.5, 67.5, 0.0);	(731146.4, 4052981.5, 67.5, 67.5, 0.0);
(731146.4, 4053006.5, 67.4, 67.4, 0.0);	(731146.4, 4053031.5, 67.3, 67.3, 0.0);
(731146.4, 4053056.5, 67.3, 67.3, 0.0);	(731146.4, 4053081.5, 67.2, 67.2, 0.0);
(731146.4, 4053106.5, 67.1, 67.1, 0.0);	(731146.4, 4053131.5, 67.0, 67.0, 0.0);
(731146.4, 4053156.5, 67.0, 67.0, 0.0);	(731146.4, 4053181.5, 66.9, 66.9, 0.0);
(731146.4, 4053206.5, 66.8, 66.8, 0.0);	(731146.4, 4053231.5, 66.8, 66.8, 0.0);
(731146.4, 4053256.5, 66.7, 66.7, 0.0);	(731146.4, 4053281.5, 66.6, 66.6, 0.0);
(731146.4, 4053306.5, 66.6, 66.6, 0.0);	(731146.4, 4053331.5, 66.5, 66.5, 0.0);
(731146.4, 4053356.5, 66.5, 66.5, 0.0);	(731146.4, 4053381.5, 66.4, 66.4, 0.0);
(731146.4, 4053406.5, 66.4, 66.4, 0.0);	(731146.4, 4053431.5, 66.3, 66.3, 0.0);
(731146.4, 4053456.5, 66.3, 66.3, 0.0);	(731146.4, 4053481.5, 66.2, 66.2, 0.0);
(731146.4, 4053506.5, 66.2, 66.2, 0.0);	(731146.4, 4053531.5, 66.2, 66.2, 0.0);
(731146.4, 4053556.5, 66.1, 66.1, 0.0);	(731146.4, 4053581.5, 66.1, 66.1, 0.0);
(731146.4, 4053606.5, 66.0, 66.0, 0.0);	(731146.4, 4053631.5, 66.0, 66.0, 0.0);
(731146.4, 4053656.5, 65.9, 65.9, 0.0);	(731146.4, 4053681.5, 65.9, 65.9, 0.0);
(731146.4, 4053706.5, 65.8, 65.8, 0.0);	(731146.4, 4053731.5, 65.8, 65.8, 0.0);
(731146.4, 4053756.5, 65.8, 65.8, 0.0);	(731146.4, 4053781.5, 65.7, 65.7, 0.0);
(731146.4, 4053806.5, 65.6, 65.6, 0.0);	(731146.4, 4053831.5, 65.5, 65.5, 0.0);
(731146.4, 4053856.5, 65.5, 65.5, 0.0);	(731146.4, 4053881.5, 65.4, 65.4, 0.0);
(731146.4, 4053906.5, 65.3, 65.3, 0.0);	(731146.4, 4053931.5, 65.3, 65.3, 0.0);
(731146.4, 4053956.5, 65.1, 65.1, 0.0);	(731146.4, 4053981.5, 65.1, 65.1, 0.0);
(731146.4, 4054006.5, 65.1, 65.1, 0.0);	(731146.4, 4054031.5, 65.1, 65.1, 0.0);
(731146.4, 4054056.5, 65.0, 65.0, 0.0);	(731146.4, 4054081.5, 65.1, 65.1, 0.0);
(731146.4, 4054106.5, 65.1, 65.1, 0.0);	(731146.4, 4054131.5, 65.0, 65.0, 0.0);
(731146.4, 4054156.5, 65.0, 65.0, 0.0);	(731146.4, 4054181.5, 65.0, 65.0, 0.0);
(731146.4, 4054206.5, 65.0, 65.0, 0.0);	(731146.4, 4054231.5, 64.9, 64.9, 0.0);
(731146.4, 4054256.5, 64.9, 64.9, 0.0);	(731146.4, 4054281.5, 64.9, 64.9, 0.0);
(731146.4, 4054306.5, 64.8, 64.8, 0.0);	(731146.4, 4054331.5, 64.9, 64.9, 0.0);
(731146.4, 4054356.5, 64.9, 64.9, 0.0);	(731146.4, 4054381.5, 64.9, 64.9, 0.0);
(731146.4, 4054406.5, 64.9, 64.9, 0.0);	(731146.4, 4054431.5, 64.9, 64.9, 0.0);
(731146.4, 4054456.5, 64.9, 64.9, 0.0);	(731146.4, 4054481.5, 64.8, 64.8, 0.0);
(731146.4, 4054506.5, 64.8, 64.8, 0.0);	(731146.4, 4054531.5, 64.8, 64.8, 0.0);
(731146.4, 4054556.5, 64.8, 64.8, 0.0);	(731146.4, 4054581.5, 64.8, 64.8, 0.0);
(731146.4, 4054606.5, 64.8, 64.8, 0.0);	(731146.4, 4054631.5, 64.8, 64.8, 0.0);
(731146.4, 4054656.5, 64.8, 64.8, 0.0);	(731146.4, 4054681.5, 64.8, 64.8, 0.0);
(731146.4, 4054706.5, 64.8, 64.8, 0.0);	(731146.4, 4054731.5, 64.8, 64.8, 0.0);
(731146.4, 4054756.5, 64.8, 64.8, 0.0);	(731146.4, 4054781.5, 64.8, 64.8, 0.0);
(731146.4, 4054806.5, 64.8, 64.8, 0.0);	(731146.4, 4054831.5, 64.8, 64.8, 0.0);
(731146.4, 4054856.5, 64.8, 64.8, 0.0);	(731146.4, 4054881.5, 64.7, 64.7, 0.0);
(731146.4, 4054906.5, 64.6, 64.6, 0.0);	(731146.4, 4054931.5, 64.5, 64.5, 0.0);
(731146.4, 4054956.5, 64.4, 64.4, 0.0);	(731146.4, 4054981.5, 64.4, 64.4, 0.0);
(731146.4, 4055006.5, 64.3, 64.3, 0.0);	(731146.4, 4055031.5, 64.3, 64.3, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731146.4, 4055056.5, 64.3, 64.3, 0.0);	(731146.4, 4055081.5, 64.3, 64.3, 0.0);
(731146.4, 4055106.5, 64.3, 64.3, 0.0);	(731146.4, 4055131.5, 64.3, 64.3, 0.0);
(731146.4, 4055156.5, 64.3, 64.3, 0.0);	(731146.4, 4055181.5, 64.3, 64.3, 0.0);
(731146.4, 4055206.5, 64.3, 64.3, 0.0);	(731146.4, 4055231.5, 64.4, 64.4, 0.0);
(731146.4, 4055256.5, 64.4, 64.4, 0.0);	(731146.4, 4055281.5, 64.4, 64.4, 0.0);
(731146.4, 4055306.5, 64.4, 64.4, 0.0);	(731146.4, 4055331.5, 64.4, 64.4, 0.0);
(731171.4, 4052331.5, 69.4, 69.4, 0.0);	(731171.4, 4052356.5, 69.4, 69.4, 0.0);
(731171.4, 4052381.5, 69.3, 69.3, 0.0);	(731171.4, 4052406.5, 69.3, 69.3, 0.0);
(731171.4, 4052431.5, 69.2, 69.2, 0.0);	(731171.4, 4052456.5, 69.1, 69.1, 0.0);
(731171.4, 4052481.5, 69.1, 69.1, 0.0);	(731171.4, 4052506.5, 69.0, 69.0, 0.0);
(731171.4, 4052531.5, 68.9, 68.9, 0.0);	(731171.4, 4052556.5, 68.8, 68.8, 0.0);
(731171.4, 4052581.5, 68.7, 68.7, 0.0);	(731171.4, 4052606.5, 68.6, 68.6, 0.0);
(731171.4, 4052631.5, 68.5, 68.5, 0.0);	(731171.4, 4052656.5, 68.5, 68.5, 0.0);
(731171.4, 4052681.5, 68.3, 68.3, 0.0);	(731171.4, 4052706.5, 68.3, 68.3, 0.0);
(731171.4, 4052731.5, 68.2, 68.2, 0.0);	(731171.4, 4052756.5, 68.1, 68.1, 0.0);
(731171.4, 4052781.5, 68.0, 68.0, 0.0);	(731171.4, 4052806.5, 68.0, 68.0, 0.0);
(731171.4, 4052831.5, 67.9, 67.9, 0.0);	(731171.4, 4052856.5, 67.8, 67.8, 0.0);
(731171.4, 4052881.5, 67.7, 67.7, 0.0);	(731171.4, 4052906.5, 67.6, 67.6, 0.0);
(731171.4, 4052931.5, 67.6, 67.6, 0.0);	(731171.4, 4052956.5, 67.5, 67.5, 0.0);
(731171.4, 4052981.5, 67.4, 67.4, 0.0);	(731171.4, 4053006.5, 67.3, 67.3, 0.0);
(731171.4, 4053031.5, 67.3, 67.3, 0.0);	(731171.4, 4053056.5, 67.2, 67.2, 0.0);
(731171.4, 4053081.5, 67.1, 67.1, 0.0);	(731171.4, 4053106.5, 67.0, 67.0, 0.0);
(731171.4, 4053131.5, 67.0, 67.0, 0.0);	(731171.4, 4053156.5, 66.9, 66.9, 0.0);
(731171.4, 4053181.5, 66.8, 66.8, 0.0);	(731171.4, 4053206.5, 66.8, 66.8, 0.0);
(731171.4, 4053231.5, 66.7, 66.7, 0.0);	(731171.4, 4053256.5, 66.6, 66.6, 0.0);
(731171.4, 4053281.5, 66.6, 66.6, 0.0);	(731171.4, 4053306.5, 66.5, 66.5, 0.0);
(731171.4, 4053331.5, 66.5, 66.5, 0.0);	(731171.4, 4053356.5, 66.4, 66.4, 0.0);
(731171.4, 4053381.5, 66.4, 66.4, 0.0);	(731171.4, 4053406.5, 66.3, 66.3, 0.0);
(731171.4, 4053431.5, 66.3, 66.3, 0.0);	(731171.4, 4053456.5, 66.2, 66.2, 0.0);
(731171.4, 4053481.5, 66.2, 66.2, 0.0);	(731171.4, 4053506.5, 66.1, 66.1, 0.0);
(731171.4, 4053531.5, 66.1, 66.1, 0.0);	(731171.4, 4053556.5, 66.1, 66.1, 0.0);
(731171.4, 4053581.5, 66.0, 66.0, 0.0);	(731171.4, 4053606.5, 66.0, 66.0, 0.0);
(731171.4, 4053631.5, 65.9, 65.9, 0.0);	(731171.4, 4053656.5, 65.9, 65.9, 0.0);
(731171.4, 4053681.5, 65.9, 65.9, 0.0);	(731171.4, 4053706.5, 65.8, 65.8, 0.0);
(731171.4, 4053731.5, 65.8, 65.8, 0.0);	(731171.4, 4053756.5, 65.7, 65.7, 0.0);
(731171.4, 4053781.5, 65.7, 65.7, 0.0);	(731171.4, 4053806.5, 65.6, 65.6, 0.0);
(731171.4, 4053831.5, 65.5, 65.5, 0.0);	(731171.4, 4053856.5, 65.4, 65.4, 0.0);
(731171.4, 4053881.5, 65.3, 65.3, 0.0);	(731171.4, 4053906.5, 65.2, 65.2, 0.0);
(731171.4, 4053931.5, 65.2, 65.2, 0.0);	(731171.4, 4053956.5, 65.1, 65.1, 0.0);
(731171.4, 4053981.5, 65.0, 65.0, 0.0);	(731171.4, 4054006.5, 65.0, 65.0, 0.0);
(731171.4, 4054031.5, 65.0, 65.0, 0.0);	(731171.4, 4054056.5, 65.0, 65.0, 0.0);
(731171.4, 4054081.5, 65.0, 65.0, 0.0);	(731171.4, 4054106.5, 65.0, 65.0, 0.0);
(731171.4, 4054131.5, 65.0, 65.0, 0.0);	(731171.4, 4054156.5, 65.0, 65.0, 0.0);
(731171.4, 4054181.5, 64.9, 64.9, 0.0);	(731171.4, 4054206.5, 64.9, 64.9, 0.0);
(731171.4, 4054231.5, 64.9, 64.9, 0.0);	(731171.4, 4054256.5, 64.8, 64.8, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731171.4, 4054281.5, 64.8, 64.8, 0.0);	(731171.4, 4054306.5, 64.8, 64.8, 0.0);
(731171.4, 4054331.5, 64.8, 64.8, 0.0);	(731171.4, 4054356.5, 64.8, 64.8, 0.0);
(731171.4, 4054381.5, 64.8, 64.8, 0.0);	(731171.4, 4054406.5, 64.8, 64.8, 0.0);
(731171.4, 4054431.5, 64.8, 64.8, 0.0);	(731171.4, 4054456.5, 64.8, 64.8, 0.0);

(731171.4, 4054481.5, 64.8, 64.8, 0.0);	(731171.4, 4054506.5, 64.8, 64.8, 0.0);
(731171.4, 4054531.5, 64.8, 64.8, 0.0);	(731171.4, 4054556.5, 64.8, 64.8, 0.0);
(731171.4, 4054581.5, 64.8, 64.8, 0.0);	(731171.4, 4054606.5, 64.8, 64.8, 0.0);
(731171.4, 4054631.5, 64.8, 64.8, 0.0);	(731171.4, 4054656.5, 64.8, 64.8, 0.0);
(731171.4, 4054681.5, 64.8, 64.8, 0.0);	(731171.4, 4054706.5, 64.8, 64.8, 0.0);
(731171.4, 4054731.5, 64.8, 64.8, 0.0);	(731171.4, 4054756.5, 64.8, 64.8, 0.0);
(731171.4, 4054781.5, 64.8, 64.8, 0.0);	(731171.4, 4054806.5, 64.8, 64.8, 0.0);
(731171.4, 4054831.5, 64.7, 64.7, 0.0);	(731171.4, 4054856.5, 64.7, 64.7, 0.0);
(731171.4, 4054881.5, 64.7, 64.7, 0.0);	(731171.4, 4054906.5, 64.6, 64.6, 0.0);
(731171.4, 4054931.5, 64.5, 64.5, 0.0);	(731171.4, 4054956.5, 64.4, 64.4, 0.0);
(731171.4, 4054981.5, 64.4, 64.4, 0.0);	(731171.4, 4055006.5, 64.3, 64.3, 0.0);
(731171.4, 4055031.5, 64.3, 64.3, 0.0);	(731171.4, 4055056.5, 64.3, 64.3, 0.0);
(731171.4, 4055081.5, 64.3, 64.3, 0.0);	(731171.4, 4055106.5, 64.3, 64.3, 0.0);
(731171.4, 4055131.5, 64.3, 64.3, 0.0);	(731171.4, 4055156.5, 64.3, 64.3, 0.0);
(731171.4, 4055181.5, 64.3, 64.3, 0.0);	(731171.4, 4055206.5, 64.3, 64.3, 0.0);
(731171.4, 4055231.5, 64.3, 64.3, 0.0);	(731171.4, 4055256.5, 64.3, 64.3, 0.0);
(731171.4, 4055281.5, 64.4, 64.4, 0.0);	(731171.4, 4055306.5, 64.4, 64.4, 0.0);
(731171.4, 4055331.5, 64.4, 64.4, 0.0);	(731196.4, 4052331.5, 69.5, 69.5, 0.0);
(731196.4, 4052356.5, 69.5, 69.5, 0.0);	(731196.4, 4052381.5, 69.4, 69.4, 0.0);
(731196.4, 4052406.5, 69.2, 69.2, 0.0);	(731196.4, 4052431.5, 69.2, 69.2, 0.0);
(731196.4, 4052456.5, 69.1, 69.1, 0.0);	(731196.4, 4052481.5, 69.0, 69.0, 0.0);
(731196.4, 4052506.5, 68.9, 68.9, 0.0);	(731196.4, 4052531.5, 68.9, 68.9, 0.0);
(731196.4, 4052556.5, 68.8, 68.8, 0.0);	(731196.4, 4052581.5, 68.7, 68.7, 0.0);
(731196.4, 4052606.5, 68.6, 68.6, 0.0);	(731196.4, 4052631.5, 68.5, 68.5, 0.0);
(731196.4, 4052656.5, 68.4, 68.4, 0.0);	(731196.4, 4052681.5, 68.3, 68.3, 0.0);
(731196.4, 4052706.5, 68.2, 68.2, 0.0);	(731196.4, 4052731.5, 68.2, 68.2, 0.0);
(731196.4, 4052756.5, 68.1, 68.1, 0.0);	(731196.4, 4052781.5, 68.0, 68.0, 0.0);
(731196.4, 4052806.5, 67.9, 67.9, 0.0);	(731196.4, 4052831.5, 67.8, 67.8, 0.0);
(731196.4, 4052856.5, 67.8, 67.8, 0.0);	(731196.4, 4052881.5, 67.7, 67.7, 0.0);
(731196.4, 4052906.5, 67.6, 67.6, 0.0);	(731196.4, 4052931.5, 67.5, 67.5, 0.0);
(731196.4, 4052956.5, 67.5, 67.5, 0.0);	(731196.4, 4052981.5, 67.4, 67.4, 0.0);
(731196.4, 4053006.5, 67.3, 67.3, 0.0);	(731196.4, 4053031.5, 67.2, 67.2, 0.0);
(731196.4, 4053056.5, 67.1, 67.1, 0.0);	(731196.4, 4053081.5, 67.1, 67.1, 0.0);
(731196.4, 4053106.5, 67.0, 67.0, 0.0);	(731196.4, 4053131.5, 66.9, 66.9, 0.0);
(731196.4, 4053156.5, 66.8, 66.8, 0.0);	(731196.4, 4053181.5, 66.8, 66.8, 0.0);
(731196.4, 4053206.5, 66.7, 66.7, 0.0);	(731196.4, 4053231.5, 66.6, 66.6, 0.0);
(731196.4, 4053256.5, 66.6, 66.6, 0.0);	(731196.4, 4053281.5, 66.5, 66.5, 0.0);
(731196.4, 4053306.5, 66.5, 66.5, 0.0);	(731196.4, 4053331.5, 66.4, 66.4, 0.0);
(731196.4, 4053356.5, 66.3, 66.3, 0.0);	(731196.4, 4053381.5, 66.3, 66.3, 0.0);
(731196.4, 4053406.5, 66.3, 66.3, 0.0);	(731196.4, 4053431.5, 66.2, 66.2, 0.0);
(731196.4, 4053456.5, 66.2, 66.2, 0.0);	(731196.4, 4053481.5, 66.2, 66.2, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731196.4, 4053506.5, 66.1, 66.1, 0.0);	(731196.4, 4053531.5, 66.1, 66.1, 0.0);
(731196.4, 4053556.5, 66.0, 66.0, 0.0);	(731196.4, 4053581.5, 66.0, 66.0, 0.0);
(731196.4, 4053606.5, 65.9, 65.9, 0.0);	(731196.4, 4053631.5, 65.9, 65.9, 0.0);
(731196.4, 4053656.5, 65.9, 65.9, 0.0);	(731196.4, 4053681.5, 65.8, 65.8, 0.0);
(731196.4, 4053706.5, 65.8, 65.8, 0.0);	(731196.4, 4053731.5, 65.7, 65.7, 0.0);
(731196.4, 4053756.5, 65.7, 65.7, 0.0);	(731196.4, 4053781.5, 65.6, 65.6, 0.0);
(731196.4, 4053806.5, 65.5, 65.5, 0.0);	(731196.4, 4053831.5, 65.5, 65.5, 0.0);
(731196.4, 4053856.5, 65.4, 65.4, 0.0);	(731196.4, 4053881.5, 65.3, 65.3, 0.0);
(731196.4, 4053906.5, 65.2, 65.2, 0.0);	(731196.4, 4053931.5, 65.2, 65.2, 0.0);
(731196.4, 4053956.5, 65.0, 65.0, 0.0);	(731196.4, 4053981.5, 65.0, 65.0, 0.0);
(731196.4, 4054006.5, 64.9, 64.9, 0.0);	(731196.4, 4054031.5, 64.9, 64.9, 0.0);
(731196.4, 4054056.5, 64.9, 64.9, 0.0);	(731196.4, 4054081.5, 65.0, 65.0, 0.0);
(731196.4, 4054106.5, 65.0, 65.0, 0.0);	(731196.4, 4054131.5, 64.9, 64.9, 0.0);
(731196.4, 4054156.5, 64.9, 64.9, 0.0);	(731196.4, 4054181.5, 64.9, 64.9, 0.0);
(731196.4, 4054206.5, 64.8, 64.8, 0.0);	(731196.4, 4054231.5, 64.8, 64.8, 0.0);
(731196.4, 4054256.5, 64.8, 64.8, 0.0);	(731196.4, 4054281.5, 64.8, 64.8, 0.0);
(731196.4, 4054306.5, 64.7, 64.7, 0.0);	(731196.4, 4054331.5, 64.7, 64.7, 0.0);
(731196.4, 4054356.5, 64.7, 64.7, 0.0);	(731196.4, 4054381.5, 64.7, 64.7, 0.0);
(731196.4, 4054406.5, 64.7, 64.7, 0.0);	(731196.4, 4054431.5, 64.7, 64.7, 0.0);
(731196.4, 4054456.5, 64.7, 64.7, 0.0);	(731196.4, 4054481.5, 64.7, 64.7, 0.0);
(731196.4, 4054506.5, 64.7, 64.7, 0.0);	(731196.4, 4054531.5, 64.7, 64.7, 0.0);
(731196.4, 4054781.5, 64.7, 64.7, 0.0);	(731196.4, 4054806.5, 64.7, 64.7, 0.0);
(731196.4, 4054831.5, 64.7, 64.7, 0.0);	(731196.4, 4054856.5, 64.7, 64.7, 0.0);
(731196.4, 4054881.5, 64.6, 64.6, 0.0);	(731196.4, 4054906.5, 64.6, 64.6, 0.0);
(731196.4, 4054931.5, 64.5, 64.5, 0.0);	(731196.4, 4054956.5, 64.4, 64.4, 0.0);
(731196.4, 4054981.5, 64.3, 64.3, 0.0);	(731196.4, 4055006.5, 64.3, 64.3, 0.0);
(731196.4, 4055031.5, 64.2, 64.2, 0.0);	(731196.4, 4055056.5, 64.2, 64.2, 0.0);
(731196.4, 4055081.5, 64.2, 64.2, 0.0);	(731196.4, 4055106.5, 64.2, 64.2, 0.0);
(731196.4, 4055131.5, 64.2, 64.2, 0.0);	(731196.4, 4055156.5, 64.2, 64.2, 0.0);
(731196.4, 4055181.5, 64.2, 64.2, 0.0);	(731196.4, 4055206.5, 64.2, 64.2, 0.0);
(731196.4, 4055231.5, 64.3, 64.3, 0.0);	(731196.4, 4055256.5, 64.3, 64.3, 0.0);
(731196.4, 4055281.5, 64.3, 64.3, 0.0);	(731196.4, 4055306.5, 64.4, 64.4, 0.0);
(731196.4, 4055331.5, 64.4, 64.4, 0.0);	(731221.4, 4052331.5, 69.5, 69.5, 0.0);
(731221.4, 4052356.5, 69.5, 69.5, 0.0);	(731221.4, 4052381.5, 69.3, 69.3, 0.0);
(731221.4, 4052406.5, 69.2, 69.2, 0.0);	(731221.4, 4052431.5, 69.1, 69.1, 0.0);
(731221.4, 4052456.5, 69.0, 69.0, 0.0);	(731221.4, 4052481.5, 69.0, 69.0, 0.0);
(731221.4, 4052506.5, 68.9, 68.9, 0.0);	(731221.4, 4052531.5, 68.8, 68.8, 0.0);
(731221.4, 4052556.5, 68.7, 68.7, 0.0);	(731221.4, 4052581.5, 68.6, 68.6, 0.0);
(731221.4, 4052606.5, 68.5, 68.5, 0.0);	(731221.4, 4052631.5, 68.5, 68.5, 0.0);
(731221.4, 4052656.5, 68.4, 68.4, 0.0);	(731221.4, 4052681.5, 68.3, 68.3, 0.0);
(731221.4, 4052706.5, 68.2, 68.2, 0.0);	(731221.4, 4052731.5, 68.1, 68.1, 0.0);
(731221.4, 4052756.5, 68.0, 68.0, 0.0);	(731221.4, 4052781.5, 67.9, 67.9, 0.0);
(731221.4, 4052806.5, 67.8, 67.8, 0.0);	(731221.4, 4052831.5, 67.8, 67.8, 0.0);
(731221.4, 4052856.5, 67.7, 67.7, 0.0);	(731221.4, 4052881.5, 67.6, 67.6, 0.0);
(731221.4, 4052906.5, 67.5, 67.5, 0.0);	(731221.4, 4052931.5, 67.5, 67.5, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731221.4, 4052956.5, 67.4, 67.4, 0.0);	(731221.4, 4052981.5, 67.3, 67.3, 0.0);
(731221.4, 4053006.5, 67.2, 67.2, 0.0);	(731221.4, 4053031.5, 67.1, 67.1, 0.0);
(731221.4, 4053056.5, 67.1, 67.1, 0.0);	(731221.4, 4053081.5, 67.0, 67.0, 0.0);
(731221.4, 4053106.5, 66.9, 66.9, 0.0);	(731221.4, 4053131.5, 66.8, 66.8, 0.0);
(731221.4, 4053156.5, 66.8, 66.8, 0.0);	(731221.4, 4053181.5, 66.7, 66.7, 0.0);
(731221.4, 4053206.5, 66.6, 66.6, 0.0);	(731221.4, 4053231.5, 66.6, 66.6, 0.0);
(731221.4, 4053256.5, 66.5, 66.5, 0.0);	(731221.4, 4053281.5, 66.5, 66.5, 0.0);
(731221.4, 4053306.5, 66.4, 66.4, 0.0);	(731221.4, 4053331.5, 66.3, 66.3, 0.0);
(731221.4, 4053356.5, 66.3, 66.3, 0.0);	(731221.4, 4053381.5, 66.3, 66.3, 0.0);
(731221.4, 4053406.5, 66.2, 66.2, 0.0);	(731221.4, 4053431.5, 66.2, 66.2, 0.0);
(731221.4, 4053456.5, 66.1, 66.1, 0.0);	(731221.4, 4053481.5, 66.1, 66.1, 0.0);

(731221.4, 4053506.5, 66.1, 66.1, 0.0);	(731221.4, 4053531.5, 66.0, 66.0, 0.0);
(731221.4, 4053556.5, 66.0, 66.0, 0.0);	(731221.4, 4053581.5, 66.0, 66.0, 0.0);
(731221.4, 4053606.5, 65.9, 65.9, 0.0);	(731221.4, 4053631.5, 65.9, 65.9, 0.0);
(731221.4, 4053656.5, 65.8, 65.8, 0.0);	(731221.4, 4053681.5, 65.8, 65.8, 0.0);
(731221.4, 4053706.5, 65.7, 65.7, 0.0);	(731221.4, 4053731.5, 65.7, 65.7, 0.0);
(731221.4, 4053756.5, 65.6, 65.6, 0.0);	(731221.4, 4053781.5, 65.5, 65.5, 0.0);
(731221.4, 4053956.5, 65.0, 65.0, 0.0);	(731221.4, 4053981.5, 64.9, 64.9, 0.0);
(731221.4, 4054006.5, 64.8, 64.8, 0.0);	(731221.4, 4054031.5, 64.8, 64.8, 0.0);
(731221.4, 4054056.5, 64.9, 64.9, 0.0);	(731221.4, 4054781.5, 64.6, 64.6, 0.0);
(731221.4, 4054806.5, 64.6, 64.6, 0.0);	(731221.4, 4054831.5, 64.6, 64.6, 0.0);
(731221.4, 4054856.5, 64.6, 64.6, 0.0);	(731221.4, 4054881.5, 64.5, 64.5, 0.0);
(731221.4, 4054906.5, 64.5, 64.5, 0.0);	(731221.4, 4054931.5, 64.5, 64.5, 0.0);
(731221.4, 4054956.5, 64.4, 64.4, 0.0);	(731221.4, 4054981.5, 64.3, 64.3, 0.0);
(731221.4, 4055006.5, 64.2, 64.2, 0.0);	(731221.4, 4055031.5, 64.2, 64.2, 0.0);
(731221.4, 4055056.5, 64.2, 64.2, 0.0);	(731221.4, 4055081.5, 64.2, 64.2, 0.0);
(731221.4, 4055106.5, 64.2, 64.2, 0.0);	(731221.4, 4055131.5, 64.2, 64.2, 0.0);
(731221.4, 4055156.5, 64.2, 64.2, 0.0);	(731221.4, 4055181.5, 64.2, 64.2, 0.0);
(731221.4, 4055206.5, 64.2, 64.2, 0.0);	(731221.4, 4055231.5, 64.2, 64.2, 0.0);
(731221.4, 4055256.5, 64.3, 64.3, 0.0);	(731221.4, 4055281.5, 64.3, 64.3, 0.0);
(731221.4, 4055306.5, 64.3, 64.3, 0.0);	(731221.4, 4055331.5, 64.3, 64.3, 0.0);
(731246.4, 4052331.5, 69.5, 69.5, 0.0);	(731246.4, 4052356.5, 69.4, 69.4, 0.0);
(731246.4, 4052381.5, 69.3, 69.3, 0.0);	(731246.4, 4052406.5, 69.2, 69.2, 0.0);
(731246.4, 4052431.5, 69.1, 69.1, 0.0);	(731246.4, 4052456.5, 69.0, 69.0, 0.0);
(731246.4, 4052481.5, 68.9, 68.9, 0.0);	(731246.4, 4052506.5, 68.8, 68.8, 0.0);
(731246.4, 4052531.5, 68.8, 68.8, 0.0);	(731246.4, 4052556.5, 68.6, 68.6, 0.0);
(731246.4, 4052581.5, 68.6, 68.6, 0.0);	(731246.4, 4052606.5, 68.5, 68.5, 0.0);
(731246.4, 4052631.5, 68.4, 68.4, 0.0);	(731246.4, 4052656.5, 68.3, 68.3, 0.0);
(731246.4, 4052681.5, 68.2, 68.2, 0.0);	(731246.4, 4052706.5, 68.1, 68.1, 0.0);
(731246.4, 4052731.5, 68.1, 68.1, 0.0);	(731246.4, 4052756.5, 68.0, 68.0, 0.0);
(731246.4, 4052781.5, 67.9, 67.9, 0.0);	(731246.4, 4052806.5, 67.8, 67.8, 0.0);
(731246.4, 4052831.5, 67.7, 67.7, 0.0);	(731246.4, 4052856.5, 67.6, 67.6, 0.0);
(731246.4, 4052881.5, 67.6, 67.6, 0.0);	(731246.4, 4052906.5, 67.5, 67.5, 0.0);
(731246.4, 4052931.5, 67.4, 67.4, 0.0);	(731246.4, 4052956.5, 67.3, 67.3, 0.0);
(731246.4, 4052981.5, 67.3, 67.3, 0.0);	(731246.4, 4053006.5, 67.2, 67.2, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegOfFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731246.4, 4053031.5, 67.1, 67.1, 0.0);	(731246.4, 4053056.5, 67.0, 67.0, 0.0);
(731246.4, 4053081.5, 66.9, 66.9, 0.0);	(731246.4, 4053106.5, 66.9, 66.9, 0.0);
(731246.4, 4053131.5, 66.8, 66.8, 0.0);	(731246.4, 4053156.5, 66.7, 66.7, 0.0);
(731246.4, 4053181.5, 66.7, 66.7, 0.0);	(731246.4, 4053956.5, 65.0, 65.0, 0.0);
(731246.4, 4053981.5, 64.9, 64.9, 0.0);	(731246.4, 4054006.5, 64.8, 64.8, 0.0);
(731246.4, 4054031.5, 64.8, 64.8, 0.0);	(731246.4, 4054056.5, 64.9, 64.9, 0.0);
(731246.4, 4054781.5, 64.5, 64.5, 0.0);	(731246.4, 4054806.5, 64.5, 64.5, 0.0);
(731246.4, 4054831.5, 64.5, 64.5, 0.0);	(731246.4, 4054856.5, 64.5, 64.5, 0.0);
(731246.4, 4054881.5, 64.5, 64.5, 0.0);	(731246.4, 4054906.5, 64.5, 64.5, 0.0);
(731246.4, 4054931.5, 64.5, 64.5, 0.0);	(731246.4, 4054956.5, 64.4, 64.4, 0.0);
(731246.4, 4054981.5, 64.3, 64.3, 0.0);	(731246.4, 4055006.5, 64.2, 64.2, 0.0);
(731246.4, 4055031.5, 64.2, 64.2, 0.0);	(731246.4, 4055056.5, 64.2, 64.2, 0.0);
(731246.4, 4055081.5, 64.2, 64.2, 0.0);	(731246.4, 4055106.5, 64.2, 64.2, 0.0);
(731246.4, 4055131.5, 64.1, 64.1, 0.0);	(731246.4, 4055156.5, 64.1, 64.1, 0.0);
(731246.4, 4055181.5, 64.1, 64.1, 0.0);	(731246.4, 4055206.5, 64.2, 64.2, 0.0);
(731246.4, 4055231.5, 64.2, 64.2, 0.0);	(731246.4, 4055256.5, 64.2, 64.2, 0.0);
(731246.4, 4055281.5, 64.3, 64.3, 0.0);	(731246.4, 4055306.5, 64.3, 64.3, 0.0);
(731271.4, 4052356.5, 69.4, 69.4, 0.0);	(731271.4, 4052381.5, 69.3, 69.3, 0.0);
(731271.4, 4052406.5, 69.2, 69.2, 0.0);	(731271.4, 4052431.5, 69.1, 69.1, 0.0);
(731271.4, 4052456.5, 69.0, 69.0, 0.0);	(731271.4, 4052481.5, 68.9, 68.9, 0.0);
(731271.4, 4052506.5, 68.8, 68.8, 0.0);	(731271.4, 4052531.5, 68.7, 68.7, 0.0);
(731271.4, 4052556.5, 68.6, 68.6, 0.0);	(731271.4, 4052581.5, 68.5, 68.5, 0.0);
(731271.4, 4052606.5, 68.5, 68.5, 0.0);	(731271.4, 4052631.5, 68.3, 68.3, 0.0);
(731271.4, 4052656.5, 68.3, 68.3, 0.0);	(731271.4, 4052681.5, 68.2, 68.2, 0.0);
(731271.4, 4052706.5, 68.1, 68.1, 0.0);	(731271.4, 4052731.5, 68.0, 68.0, 0.0);
(731271.4, 4052756.5, 67.9, 67.9, 0.0);	(731271.4, 4052781.5, 67.8, 67.8, 0.0);
(731271.4, 4052806.5, 67.7, 67.7, 0.0);	(731271.4, 4053981.5, 64.9, 64.9, 0.0);
(731271.4, 4054006.5, 64.9, 64.9, 0.0);	(731271.4, 4054031.5, 64.8, 64.8, 0.0);
(731271.4, 4054056.5, 64.8, 64.8, 0.0);	(731271.4, 4054781.5, 64.4, 64.4, 0.0);
(731271.4, 4054806.5, 64.4, 64.4, 0.0);	(731271.4, 4054831.5, 64.4, 64.4, 0.0);
(731271.4, 4054856.5, 64.4, 64.4, 0.0);	(731271.4, 4054881.5, 64.3, 64.3, 0.0);
(731271.4, 4054906.5, 64.4, 64.4, 0.0);	(731271.4, 4054931.5, 64.4, 64.4, 0.0);
(731271.4, 4054956.5, 64.3, 64.3, 0.0);	(731271.4, 4054981.5, 64.2, 64.2, 0.0);
(731271.4, 4055006.5, 64.2, 64.2, 0.0);	(731271.4, 4055031.5, 64.1, 64.1, 0.0);
(731271.4, 4055056.5, 64.1, 64.1, 0.0);	(731271.4, 4055081.5, 64.1, 64.1, 0.0);
(731271.4, 4055106.5, 64.1, 64.1, 0.0);	(731271.4, 4055131.5, 64.1, 64.1, 0.0);
(731271.4, 4055156.5, 64.1, 64.1, 0.0);	(731271.4, 4055181.5, 64.2, 64.2, 0.0);
(731271.4, 4055206.5, 64.2, 64.2, 0.0);	(731271.4, 4055231.5, 64.2, 64.2, 0.0);
(731271.4, 4055256.5, 64.2, 64.2, 0.0);	(731271.4, 4055281.5, 64.2, 64.2, 0.0);
(731296.4, 4052331.5, 69.5, 69.5, 0.0);	(731296.4, 4052356.5, 69.3, 69.3, 0.0);
(731296.4, 4052381.5, 69.2, 69.2, 0.0);	(731296.4, 4052406.5, 69.1, 69.1, 0.0);
(731296.4, 4052431.5, 69.0, 69.0, 0.0);	(731296.4, 4052456.5, 69.0, 69.0, 0.0);
(731296.4, 4052481.5, 68.9, 68.9, 0.0);	(731296.4, 4052506.5, 68.8, 68.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegOfFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731296.4, 4052531.5, 68.6, 68.6, 0.0);	(731296.4, 4052556.5, 68.6, 68.6, 0.0);
(731296.4, 4052581.5, 68.5, 68.5, 0.0);	(731296.4, 4052606.5, 68.4, 68.4, 0.0);
(731296.4, 4052631.5, 68.3, 68.3, 0.0);	(731296.4, 4052656.5, 68.2, 68.2, 0.0);
(731296.4, 4052681.5, 68.1, 68.1, 0.0);	(731296.4, 4052706.5, 68.0, 68.0, 0.0);
(731296.4, 4052731.5, 68.0, 68.0, 0.0);	(731296.4, 4052756.5, 67.8, 67.8, 0.0);
(731296.4, 4052781.5, 67.8, 67.8, 0.0);	(731296.4, 4052806.5, 67.7, 67.7, 0.0);
(731296.4, 4053981.5, 64.9, 64.9, 0.0);	(731296.4, 4054006.5, 64.9, 64.9, 0.0);
(731296.4, 4054031.5, 64.8, 64.8, 0.0);	(731296.4, 4054056.5, 64.8, 64.8, 0.0);
(731296.4, 4054781.5, 64.3, 64.3, 0.0);	(731296.4, 4054806.5, 64.3, 64.3, 0.0);
(731296.4, 4054831.5, 64.3, 64.3, 0.0);	(731296.4, 4054856.5, 64.3, 64.3, 0.0);
(731296.4, 4054881.5, 64.2, 64.2, 0.0);	(731296.4, 4054906.5, 64.3, 64.3, 0.0);
(731296.4, 4054931.5, 64.3, 64.3, 0.0);	(731296.4, 4054956.5, 64.2, 64.2, 0.0);
(731296.4, 4054981.5, 64.2, 64.2, 0.0);	(731296.4, 4055006.5, 64.2, 64.2, 0.0);
(731296.4, 4055031.5, 64.1, 64.1, 0.0);	(731296.4, 4055056.5, 64.1, 64.1, 0.0);
(731296.4, 4055081.5, 64.0, 64.0, 0.0);	(731296.4, 4055106.5, 64.0, 64.0, 0.0);
(731296.4, 4055131.5, 64.1, 64.1, 0.0);	(731296.4, 4055156.5, 64.1, 64.1, 0.0);
(731296.4, 4055181.5, 64.1, 64.1, 0.0);	(731296.4, 4055206.5, 64.1, 64.1, 0.0);
(731296.4, 4055231.5, 64.2, 64.2, 0.0);	(731296.4, 4055256.5, 64.2, 64.2, 0.0);

(731296.4, 4055281.5, 64.1, 64.1, 0.0); (731296.4, 4055306.5, 64.2, 64.2, 0.0);
(731296.4, 4055331.5, 64.2, 64.2, 0.0); (731321.4, 4052331.5, 69.4, 69.4, 0.0);
(731321.4, 4052356.5, 69.3, 69.3, 0.0); (731321.4, 4052381.5, 69.2, 69.2, 0.0);
(731321.4, 4052406.5, 69.1, 69.1, 0.0); (731321.4, 4052431.5, 69.0, 69.0, 0.0);
(731321.4, 4052456.5, 68.9, 68.9, 0.0); (731321.4, 4052481.5, 68.8, 68.8, 0.0);
(731321.4, 4052506.5, 68.7, 68.7, 0.0); (731321.4, 4052531.5, 68.6, 68.6, 0.0);
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(731321.4, 4052656.5, 68.2, 68.2, 0.0); (731321.4, 4052681.5, 68.1, 68.1, 0.0);
(731321.4, 4052706.5, 68.0, 68.0, 0.0); (731321.4, 4052731.5, 67.9, 67.9, 0.0);
(731321.4, 4052756.5, 67.8, 67.8, 0.0); (731321.4, 4052781.5, 67.7, 67.7, 0.0);
(731321.4, 4052806.5, 67.6, 67.6, 0.0); (731321.4, 4053981.5, 64.9, 64.9, 0.0);
(731321.4, 4054006.5, 64.8, 64.8, 0.0); (731321.4, 4054031.5, 64.8, 64.8, 0.0);
(731321.4, 4054056.5, 64.7, 64.7, 0.0); (731321.4, 4054781.5, 64.2, 64.2, 0.0);
(731321.4, 4054806.5, 64.2, 64.2, 0.0); (731321.4, 4054831.5, 64.2, 64.2, 0.0);
(731321.4, 4054856.5, 64.2, 64.2, 0.0); (731321.4, 4054881.5, 64.1, 64.1, 0.0);
(731321.4, 4054906.5, 64.2, 64.2, 0.0); (731321.4, 4054931.5, 64.2, 64.2, 0.0);
(731321.4, 4054956.5, 64.0, 64.0, 0.0); (731321.4, 4054981.5, 64.0, 64.0, 0.0);
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(731321.4, 4055056.5, 64.0, 64.0, 0.0); (731321.4, 4055081.5, 64.0, 64.0, 0.0);
(731321.4, 4055106.5, 64.0, 64.0, 0.0); (731321.4, 4055131.5, 64.0, 64.0, 0.0);
(731321.4, 4055156.5, 64.1, 64.1, 0.0); (731321.4, 4055181.5, 64.1, 64.1, 0.0);
(731321.4, 4055206.5, 64.1, 64.1, 0.0); (731321.4, 4055231.5, 64.0, 64.0, 0.0);
(731321.4, 4055256.5, 64.1, 64.1, 0.0); (731321.4, 4055281.5, 64.1, 64.1, 0.0);
(731321.4, 4055306.5, 64.1, 64.1, 0.0); (731321.4, 4055331.5, 64.1, 64.1, 0.0);
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(731346.4, 4052381.5, 69.2, 69.2, 0.0); (731346.4, 4052406.5, 69.1, 69.1, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 ***

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731346.4, 4052431.5, 68.9, 68.9, 0.0); (731346.4, 4052456.5, 68.9, 68.9, 0.0);
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(731346.4, 4052631.5, 68.2, 68.2, 0.0); (731346.4, 4052656.5, 68.1, 68.1, 0.0);
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(731346.4, 4053981.5, 64.9, 64.9, 0.0); (731346.4, 4054006.5, 64.8, 64.8, 0.0);
(731346.4, 4054031.5, 64.7, 64.7, 0.0); (731346.4, 4054056.5, 64.7, 64.7, 0.0);
(731346.4, 4054781.5, 64.1, 64.1, 0.0); (731346.4, 4054806.5, 64.1, 64.1, 0.0);
(731346.4, 4054831.5, 64.1, 64.1, 0.0); (731346.4, 4054856.5, 64.0, 64.0, 0.0);
(731346.4, 4054881.5, 64.0, 64.0, 0.0); (731346.4, 4054906.5, 64.1, 64.1, 0.0);
(731346.4, 4054931.5, 64.1, 64.1, 0.0); (731346.4, 4054956.5, 63.9, 63.9, 0.0);
(731346.4, 4054981.5, 64.0, 64.0, 0.0); (731346.4, 4055006.5, 64.0, 64.0, 0.0);
(731346.4, 4055031.5, 64.0, 64.0, 0.0); (731346.4, 4055056.5, 64.0, 64.0, 0.0);
(731346.4, 4055081.5, 64.0, 64.0, 0.0); (731346.4, 4055106.5, 64.0, 64.0, 0.0);
(731346.4, 4055131.5, 64.0, 64.0, 0.0); (731346.4, 4055156.5, 64.0, 64.0, 0.0);
(731346.4, 4055181.5, 64.0, 64.0, 0.0); (731346.4, 4055206.5, 64.0, 64.0, 0.0);
(731346.4, 4055231.5, 64.0, 64.0, 0.0); (731346.4, 4055256.5, 64.1, 64.1, 0.0);
(731346.4, 4055281.5, 64.1, 64.1, 0.0); (731346.4, 4055306.5, 64.1, 64.1, 0.0);
(731371.4, 4052356.5, 69.2, 69.2, 0.0); (731371.4, 4052381.5, 69.2, 69.2, 0.0);
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(731371.4, 4052456.5, 68.9, 68.9, 0.0); (731371.4, 4052481.5, 68.7, 68.7, 0.0);
(731371.4, 4052506.5, 68.6, 68.6, 0.0); (731371.4, 4052531.5, 68.5, 68.5, 0.0);
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(731371.4, 4052606.5, 68.3, 68.3, 0.0); (731371.4, 4052631.5, 68.2, 68.2, 0.0);
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(731371.4, 4052756.5, 67.7, 67.7, 0.0); (731371.4, 4052781.5, 67.6, 67.6, 0.0);
(731371.4, 4052806.5, 67.5, 67.5, 0.0); (731371.4, 4053981.5, 64.9, 64.9, 0.0);
(731371.4, 4054006.5, 64.8, 64.8, 0.0); (731371.4, 4054031.5, 64.7, 64.7, 0.0);
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(731371.4, 4054806.5, 63.9, 63.9, 0.0); (731371.4, 4054831.5, 64.0, 64.0, 0.0);
(731371.4, 4054856.5, 64.0, 64.0, 0.0); (731371.4, 4054881.5, 63.9, 63.9, 0.0);
(731371.4, 4054906.5, 64.0, 64.0, 0.0); (731371.4, 4054931.5, 63.8, 63.8, 0.0);
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(731371.4, 4055056.5, 63.9, 63.9, 0.0); (731371.4, 4055081.5, 63.9, 63.9, 0.0);
(731371.4, 4055106.5, 63.9, 63.9, 0.0); (731371.4, 4055131.5, 63.9, 63.9, 0.0);
(731371.4, 4055156.5, 63.9, 63.9, 0.0); (731371.4, 4055181.5, 63.9, 63.9, 0.0);
(731371.4, 4055206.5, 63.9, 63.9, 0.0); (731371.4, 4055231.5, 64.0, 64.0, 0.0);
(731371.4, 4055256.5, 64.0, 64.0, 0.0); (731371.4, 4055281.5, 64.0, 64.0, 0.0);
(731371.4, 4055306.5, 64.0, 64.0, 0.0); (731371.4, 4055331.5, 64.0, 64.0, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 ***

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731396.4, 4052331.5, 69.3, 69.3, 0.0); (731396.4, 4052356.5, 69.1, 69.1, 0.0);
(731396.4, 4052381.5, 69.0, 69.0, 0.0); (731396.4, 4052406.5, 69.0, 69.0, 0.0);
(731396.4, 4052431.5, 68.8, 68.8, 0.0); (731396.4, 4052456.5, 68.8, 68.8, 0.0);
(731396.4, 4052481.5, 68.5, 68.5, 0.0); (731396.4, 4052506.5, 68.5, 68.5, 0.0);
(731396.4, 4052531.5, 68.5, 68.5, 0.0); (731396.4, 4052556.5, 68.4, 68.4, 0.0);
(731396.4, 4052581.5, 68.3, 68.3, 0.0); (731396.4, 4052606.5, 68.2, 68.2, 0.0);
(731396.4, 4052631.5, 68.1, 68.1, 0.0); (731396.4, 4052656.5, 68.0, 68.0, 0.0);
(731396.4, 4052681.5, 67.9, 67.9, 0.0); (731396.4, 4052706.5, 67.8, 67.8, 0.0);
(731396.4, 4052731.5, 67.8, 67.8, 0.0); (731396.4, 4052756.5, 67.7, 67.7, 0.0);
(731396.4, 4052781.5, 67.6, 67.6, 0.0); (731396.4, 4052806.5, 67.5, 67.5, 0.0);
(731396.4, 4053981.5, 64.9, 64.9, 0.0); (731396.4, 4054006.5, 64.8, 64.8, 0.0);
(731396.4, 4054031.5, 64.7, 64.7, 0.0); (731396.4, 4054056.5, 64.6, 64.6, 0.0);
(731396.4, 4054781.5, 63.8, 63.8, 0.0); (731396.4, 4054806.5, 63.9, 63.9, 0.0);
(731396.4, 4054831.5, 63.8, 63.8, 0.0); (731396.4, 4054856.5, 63.8, 63.8, 0.0);
(731396.4, 4054881.5, 63.7, 63.7, 0.0); (731396.4, 4054906.5, 63.8, 63.8, 0.0);
(731396.4, 4054931.5, 63.7, 63.7, 0.0); (731396.4, 4054956.5, 63.8, 63.8, 0.0);
(731396.4, 4054981.5, 63.8, 63.8, 0.0); (731396.4, 4055006.5, 63.8, 63.8, 0.0);
(731396.4, 4055031.5, 63.8, 63.8, 0.0); (731396.4, 4055056.5, 63.8, 63.8, 0.0);
(731396.4, 4055081.5, 63.8, 63.8, 0.0); (731396.4, 4055106.5, 63.8, 63.8, 0.0);
(731396.4, 4055131.5, 63.9, 63.9, 0.0); (731396.4, 4055156.5, 63.9, 63.9, 0.0);
(731396.4, 4055181.5, 63.9, 63.9, 0.0); (731396.4, 4055206.5, 63.9, 63.9, 0.0);
(731396.4, 4055231.5, 63.9, 63.9, 0.0); (731396.4, 4055256.5, 63.9, 63.9, 0.0);
(731396.4, 4055281.5, 63.9, 63.9, 0.0); (731396.4, 4055306.5, 64.0, 64.0, 0.0);
(731396.4, 4055331.5, 64.0, 64.0, 0.0); (731421.4, 4052331.5, 69.2, 69.2, 0.0);
(731421.4, 4052356.5, 69.0, 69.0, 0.0); (731421.4, 4052381.5, 68.9, 68.9, 0.0);

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( 731421.4, 4052456.5, 68.5, 68.5, 0.0); ( 731421.4, 4052481.5, 68.5, 68.5, 0.0);
( 731421.4, 4052506.5, 68.5, 68.5, 0.0); ( 731421.4, 4052531.5, 68.4, 68.4, 0.0);
( 731421.4, 4052556.5, 68.3, 68.3, 0.0); ( 731421.4, 4052581.5, 68.3, 68.3, 0.0);
( 731421.4, 4052606.5, 68.2, 68.2, 0.0); ( 731421.4, 4052631.5, 68.1, 68.1, 0.0);
( 731421.4, 4052656.5, 68.0, 68.0, 0.0); ( 731421.4, 4052681.5, 67.9, 67.9, 0.0);
( 731421.4, 4052706.5, 67.8, 67.8, 0.0); ( 731421.4, 4052731.5, 67.7, 67.7, 0.0);
( 731421.4, 4052756.5, 67.6, 67.6, 0.0); ( 731421.4, 4052781.5, 67.5, 67.5, 0.0);
( 731421.4, 4052806.5, 67.5, 67.5, 0.0); ( 731421.4, 4053981.5, 64.9, 64.9, 0.0);
( 731421.4, 4054006.5, 64.8, 64.8, 0.0); ( 731421.4, 4054031.5, 64.7, 64.7, 0.0);
( 731421.4, 4054056.5, 64.6, 64.6, 0.0); ( 731421.4, 4054781.5, 63.8, 63.8, 0.0);
( 731421.4, 4054806.5, 63.7, 63.7, 0.0); ( 731421.4, 4054831.5, 63.7, 63.7, 0.0);
( 731421.4, 4054856.5, 63.7, 63.7, 0.0); ( 731421.4, 4054881.5, 63.6, 63.6, 0.0);
( 731421.4, 4054906.5, 63.6, 63.6, 0.0); ( 731421.4, 4054931.5, 63.6, 63.6, 0.0);
( 731421.4, 4054956.5, 63.6, 63.6, 0.0); ( 731421.4, 4054981.5, 63.7, 63.7, 0.0);
( 731421.4, 4055006.5, 63.7, 63.7, 0.0); ( 731421.4, 4055031.5, 63.7, 63.7, 0.0);
( 731421.4, 4055056.5, 63.8, 63.8, 0.0); ( 731421.4, 4055081.5, 63.8, 63.8, 0.0);
( 731421.4, 4055106.5, 63.8, 63.8, 0.0); ( 731421.4, 4055131.5, 63.8, 63.8, 0.0);
( 731421.4, 4055156.5, 63.8, 63.8, 0.0); ( 731421.4, 4055181.5, 63.8, 63.8, 0.0);
( 731421.4, 4055206.5, 63.9, 63.9, 0.0); ( 731421.4, 4055231.5, 63.9, 63.9, 0.0);

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*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
*** AERMET - VERSION 18081 ***   ***                                                                    ***   11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZLELEV, ZHILL, ZFLAG)
(METERS)

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( 731421.4, 4055256.5, 63.9, 63.9, 0.0); ( 731421.4, 4055281.5, 63.9, 63.9, 0.0);
( 731421.4, 4055306.5, 63.9, 63.9, 0.0); ( 731421.4, 4055331.5, 63.9, 63.9, 0.0);
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( 731446.4, 4052581.5, 68.2, 68.2, 0.0); ( 731446.4, 4052606.5, 68.1, 68.1, 0.0);
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( 731446.4, 4054881.5, 63.4, 63.4, 0.0); ( 731446.4, 4054906.5, 63.5, 63.5, 0.0);
( 731446.4, 4054931.5, 63.5, 63.5, 0.0); ( 731446.4, 4054956.5, 63.6, 63.6, 0.0);
( 731446.4, 4054981.5, 63.6, 63.6, 0.0); ( 731446.4, 4055006.5, 63.7, 63.7, 0.0);
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( 731446.4, 4055231.5, 63.8, 63.8, 0.0); ( 731446.4, 4055256.5, 63.9, 63.9, 0.0);
( 731446.4, 4055281.5, 63.9, 63.9, 0.0); ( 731446.4, 4055306.5, 63.9, 63.9, 0.0);
( 731446.4, 4055331.5, 63.9, 63.9, 0.0); ( 731471.4, 4052331.5, 69.1, 69.1, 0.0);
( 731471.4, 4052356.5, 68.8, 68.8, 0.0); ( 731471.4, 4052381.5, 68.4, 68.4, 0.0);
( 731471.4, 4052406.5, 68.1, 68.1, 0.0); ( 731471.4, 4052431.5, 68.0, 68.0, 0.0);
( 731471.4, 4052456.5, 68.2, 68.2, 0.0); ( 731471.4, 4052481.5, 68.4, 68.4, 0.0);
( 731471.4, 4052506.5, 68.4, 68.4, 0.0); ( 731471.4, 4052531.5, 68.3, 68.3, 0.0);
( 731471.4, 4052556.5, 68.3, 68.3, 0.0); ( 731471.4, 4052581.5, 68.2, 68.2, 0.0);
( 731471.4, 4052606.5, 68.1, 68.1, 0.0); ( 731471.4, 4052631.5, 68.0, 68.0, 0.0);
( 731471.4, 4052656.5, 67.9, 67.9, 0.0); ( 731471.4, 4052681.5, 67.8, 67.8, 0.0);
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( 731471.4, 4054006.5, 64.8, 64.8, 0.0); ( 731471.4, 4054031.5, 64.7, 64.7, 0.0);
( 731471.4, 4054056.5, 64.6, 64.6, 0.0); ( 731471.4, 4054781.5, 63.6, 63.6, 0.0);
( 731471.4, 4054806.5, 63.6, 63.6, 0.0); ( 731471.4, 4054831.5, 63.5, 63.5, 0.0);
( 731471.4, 4054856.5, 63.4, 63.4, 0.0); ( 731471.4, 4054881.5, 63.3, 63.3, 0.0);
( 731471.4, 4054906.5, 63.4, 63.4, 0.0); ( 731471.4, 4054931.5, 63.5, 63.5, 0.0);
( 731471.4, 4054956.5, 63.5, 63.5, 0.0); ( 731471.4, 4054981.5, 63.6, 63.6, 0.0);
( 731471.4, 4055006.5, 63.6, 63.6, 0.0); ( 731471.4, 4055031.5, 63.7, 63.7, 0.0);
( 731471.4, 4055056.5, 63.7, 63.7, 0.0); ( 731471.4, 4055081.5, 63.7, 63.7, 0.0);
( 731471.4, 4055106.5, 63.7, 63.7, 0.0); ( 731471.4, 4055131.5, 63.7, 63.7, 0.0);

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*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
*** AERMET - VERSION 18081 ***   ***                                                                    ***   11:56:46
                                                                              PAGE 30

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZLELEV, ZHILL, ZFLAG)
(METERS)

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( 731471.4, 4055156.5, 63.7, 63.7, 0.0); ( 731471.4, 4055181.5, 63.7, 63.7, 0.0);
( 731471.4, 4055206.5, 63.8, 63.8, 0.0); ( 731471.4, 4055231.5, 63.8, 63.8, 0.0);
( 731471.4, 4055256.5, 63.8, 63.8, 0.0); ( 731471.4, 4055281.5, 63.8, 63.8, 0.0);
( 731471.4, 4055306.5, 63.8, 63.8, 0.0); ( 731471.4, 4055331.5, 63.8, 63.8, 0.0);
( 731496.4, 4052331.5, 68.9, 68.9, 0.0); ( 731496.4, 4052356.5, 68.6, 68.6, 0.0);
( 731496.4, 4052381.5, 68.3, 68.3, 0.0); ( 731496.4, 4052406.5, 68.0, 68.0, 0.0);
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( 731496.4, 4052481.5, 68.3, 68.3, 0.0); ( 731496.4, 4052506.5, 68.3, 68.3, 0.0);
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( 731496.4, 4052581.5, 68.1, 68.1, 0.0); ( 731496.4, 4052606.5, 68.0, 68.0, 0.0);
( 731496.4, 4052631.5, 67.9, 67.9, 0.0); ( 731496.4, 4052656.5, 67.8, 67.8, 0.0);
( 731496.4, 4052681.5, 67.8, 67.8, 0.0); ( 731496.4, 4052706.5, 67.7, 67.7, 0.0);
( 731496.4, 4052731.5, 67.6, 67.6, 0.0); ( 731496.4, 4052756.5, 67.5, 67.5, 0.0);
( 731496.4, 4052781.5, 67.4, 67.4, 0.0); ( 731496.4, 4052806.5, 67.3, 67.3, 0.0);
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( 731496.4, 4054031.5, 64.7, 64.7, 0.0); ( 731496.4, 4054056.5, 64.6, 64.6, 0.0);
( 731496.4, 4054806.5, 63.5, 63.5, 0.0); ( 731496.4, 4054831.5, 63.4, 63.4, 0.0);
( 731496.4, 4054856.5, 63.3, 63.3, 0.0); ( 731496.4, 4054881.5, 63.3, 63.3, 0.0);
( 731496.4, 4054906.5, 63.4, 63.4, 0.0); ( 731496.4, 4054931.5, 63.4, 63.4, 0.0);
( 731496.4, 4054956.5, 63.5, 63.5, 0.0); ( 731496.4, 4054981.5, 63.5, 63.5, 0.0);
( 731496.4, 4055006.5, 63.6, 63.6, 0.0); ( 731496.4, 4055031.5, 63.6, 63.6, 0.0);
( 731496.4, 4055056.5, 63.6, 63.6, 0.0); ( 731496.4, 4055081.5, 63.6, 63.6, 0.0);
( 731496.4, 4055106.5, 63.6, 63.6, 0.0); ( 731496.4, 4055131.5, 63.6, 63.6, 0.0);
( 731496.4, 4055156.5, 63.7, 63.7, 0.0); ( 731496.4, 4055181.5, 63.7, 63.7, 0.0);
( 731496.4, 4055206.5, 63.7, 63.7, 0.0); ( 731496.4, 4055231.5, 63.7, 63.7, 0.0);
( 731496.4, 4055256.5, 63.7, 63.7, 0.0); ( 731496.4, 4055281.5, 63.8, 63.8, 0.0);
( 731496.4, 4055306.5, 63.8, 63.8, 0.0); ( 731496.4, 4055331.5, 63.8, 63.8, 0.0);
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( 731521.4, 4052381.5, 68.3, 68.3, 0.0); ( 731521.4, 4052406.5, 68.0, 68.0, 0.0);
( 731521.4, 4052431.5, 67.9, 67.9, 0.0); ( 731521.4, 4052456.5, 68.0, 68.0, 0.0);
( 731521.4, 4052481.5, 68.2, 68.2, 0.0); ( 731521.4, 4052506.5, 68.3, 68.3, 0.0);
( 731521.4, 4052531.5, 68.3, 68.3, 0.0); ( 731521.4, 4052556.5, 68.2, 68.2, 0.0);

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(731521.4, 4052581.5,	68.1,	68.1,	0.0);	(731521.4, 4052606.5,	68.0,	68.0,	0.0);
(731521.4, 4052631.5,	67.9,	67.9,	0.0);	(731521.4, 4052656.5,	67.8,	67.8,	0.0);
(731521.4, 4052681.5,	67.7,	67.7,	0.0);	(731521.4, 4052706.5,	67.6,	67.6,	0.0);
(731521.4, 4052731.5,	67.5,	67.5,	0.0);	(731521.4, 4052756.5,	67.5,	67.5,	0.0);
(731521.4, 4052781.5,	67.3,	67.3,	0.0);	(731521.4, 4052806.5,	67.2,	67.2,	0.0);
(731521.4, 4053981.5,	64.9,	64.9,	0.0);	(731521.4, 4054006.5,	64.8,	64.8,	0.0);
(731521.4, 4054031.5,	64.7,	64.7,	0.0);	(731521.4, 4054056.5,	64.6,	64.6,	0.0);
(731521.4, 4054806.5,	63.5,	63.5,	0.0);	(731521.4, 4054831.5,	63.4,	63.4,	0.0);
(731521.4, 4054856.5,	63.4,	63.4,	0.0);	(731521.4, 4054881.5,	63.3,	63.3,	0.0);
(731521.4, 4054906.5,	63.4,	63.4,	0.0);	(731521.4, 4054931.5,	63.4,	63.4,	0.0);
(731521.4, 4054956.5,	63.5,	63.5,	0.0);	(731521.4, 4054981.5,	63.5,	63.5,	0.0);
(731521.4, 4055006.5,	63.5,	63.5,	0.0);	(731521.4, 4055031.5,	63.5,	63.5,	0.0);
(731521.4, 4055056.5,	63.6,	63.6,	0.0);	(731521.4, 4055081.5,	63.6,	63.6,	0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** ** ** ** PAGE 31
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731521.4, 4055106.5, 63.6, 63.6, 0.0); ( 731521.4, 4055131.5, 63.6, 63.6, 0.0);
( 731521.4, 4055156.5, 63.6, 63.6, 0.0); ( 731521.4, 4055181.5, 63.6, 63.6, 0.0);
( 731521.4, 4055206.5, 63.7, 63.7, 0.0); ( 731521.4, 4055231.5, 63.7, 63.7, 0.0);
( 731521.4, 4055256.5, 63.7, 63.7, 0.0); ( 731521.4, 4055281.5, 63.7, 63.7, 0.0);
( 731521.4, 4055306.5, 63.7, 63.7, 0.0); ( 731521.4, 4055331.5, 63.7, 63.7, 0.0);
( 731546.4, 4052331.5, 68.8, 68.8, 0.0); ( 731546.4, 4052356.5, 68.5, 68.5, 0.0);
( 731546.4, 4052381.5, 68.3, 68.3, 0.0); ( 731546.4, 4052406.5, 68.0, 68.0, 0.0);
( 731546.4, 4052431.5, 67.9, 67.9, 0.0); ( 731546.4, 4052456.5, 67.9, 67.9, 0.0);
( 731546.4, 4052481.5, 68.1, 68.1, 0.0); ( 731546.4, 4052506.5, 68.3, 68.3, 0.0);
( 731546.4, 4052531.5, 68.2, 68.2, 0.0); ( 731546.4, 4052556.5, 68.1, 68.1, 0.0);
( 731546.4, 4052581.5, 68.0, 68.0, 0.0); ( 731546.4, 4052606.5, 68.0, 68.0, 0.0);
( 731546.4, 4052631.5, 67.8, 67.8, 0.0); ( 731546.4, 4052656.5, 67.8, 67.8, 0.0);
( 731546.4, 4052681.5, 67.6, 67.6, 0.0); ( 731546.4, 4052706.5, 67.6, 67.6, 0.0);
( 731546.4, 4052731.5, 67.5, 67.5, 0.0); ( 731546.4, 4052756.5, 67.4, 67.4, 0.0);
( 731546.4, 4052781.5, 67.3, 67.3, 0.0); ( 731546.4, 4052806.5, 67.2, 67.2, 0.0);
( 731546.4, 4053981.5, 64.9, 64.9, 0.0); ( 731546.4, 4054006.5, 64.8, 64.8, 0.0);
( 731546.4, 4054031.5, 64.7, 64.7, 0.0); ( 731546.4, 4054056.5, 64.6, 64.6, 0.0);
( 731546.4, 4054806.5, 63.4, 63.4, 0.0); ( 731546.4, 4054831.5, 63.4, 63.4, 0.0);
( 731546.4, 4054856.5, 63.3, 63.3, 0.0); ( 731546.4, 4054881.5, 63.3, 63.3, 0.0);
( 731546.4, 4054906.5, 63.3, 63.3, 0.0); ( 731546.4, 4054931.5, 63.4, 63.4, 0.0);
( 731546.4, 4054956.5, 63.4, 63.4, 0.0); ( 731546.4, 4054981.5, 63.5, 63.5, 0.0);
( 731546.4, 4055006.5, 63.5, 63.5, 0.0); ( 731546.4, 4055031.5, 63.5, 63.5, 0.0);
( 731546.4, 4055056.5, 63.5, 63.5, 0.0); ( 731546.4, 4055081.5, 63.5, 63.5, 0.0);
( 731546.4, 4055106.5, 63.5, 63.5, 0.0); ( 731546.4, 4055131.5, 63.6, 63.6, 0.0);
( 731546.4, 4055156.5, 63.6, 63.6, 0.0); ( 731546.4, 4055181.5, 63.6, 63.6, 0.0);
( 731546.4, 4055206.5, 63.6, 63.6, 0.0); ( 731546.4, 4055231.5, 63.6, 63.6, 0.0);
( 731546.4, 4055256.5, 63.6, 63.6, 0.0); ( 731546.4, 4055281.5, 63.6, 63.6, 0.0);
( 731546.4, 4055306.5, 63.6, 63.6, 0.0); ( 731546.4, 4055331.5, 63.7, 63.7, 0.0);
( 731571.4, 4052331.5, 68.8, 68.8, 0.0); ( 731571.4, 4052356.5, 68.5, 68.5, 0.0);
( 731571.4, 4052381.5, 68.3, 68.3, 0.0); ( 731571.4, 4052406.5, 68.0, 68.0, 0.0);
( 731571.4, 4052431.5, 67.9, 67.9, 0.0); ( 731571.4, 4052456.5, 67.9, 67.9, 0.0);
( 731571.4, 4052481.5, 68.1, 68.1, 0.0); ( 731571.4, 4052506.5, 68.2, 68.2, 0.0);
( 731571.4, 4052531.5, 68.2, 68.2, 0.0); ( 731571.4, 4052556.5, 68.1, 68.1, 0.0);
( 731571.4, 4052581.5, 68.0, 68.0, 0.0); ( 731571.4, 4052606.5, 67.9, 67.9, 0.0);
( 731571.4, 4052631.5, 67.8, 67.8, 0.0); ( 731571.4, 4052656.5, 67.7, 67.7, 0.0);
( 731571.4, 4052681.5, 67.6, 67.6, 0.0); ( 731571.4, 4052706.5, 67.5, 67.5, 0.0);
( 731571.4, 4052731.5, 67.4, 67.4, 0.0); ( 731571.4, 4052756.5, 67.3, 67.3, 0.0);
( 731571.4, 4052781.5, 67.2, 67.2, 0.0); ( 731571.4, 4052806.5, 67.1, 67.1, 0.0);
( 731571.4, 4052831.5, 67.0, 67.0, 0.0); ( 731571.4, 4053981.5, 64.9, 64.9, 0.0);
( 731571.4, 4054006.5, 64.8, 64.8, 0.0); ( 731571.4, 4054031.5, 64.7, 64.7, 0.0);
( 731571.4, 4054056.5, 64.6, 64.6, 0.0); ( 731571.4, 4054806.5, 63.4, 63.4, 0.0);
( 731571.4, 4054831.5, 63.4, 63.4, 0.0); ( 731571.4, 4054856.5, 63.3, 63.3, 0.0);
( 731571.4, 4054881.5, 63.3, 63.3, 0.0); ( 731571.4, 4054906.5, 63.3, 63.3, 0.0);
( 731571.4, 4054931.5, 63.4, 63.4, 0.0); ( 731571.4, 4054956.5, 63.4, 63.4, 0.0);
( 731571.4, 4054981.5, 63.4, 63.4, 0.0); ( 731571.4, 4055006.5, 63.4, 63.4, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** ** ** ** PAGE 32
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731571.4, 4055031.5, 63.5, 63.5, 0.0); ( 731571.4, 4055056.5, 63.5, 63.5, 0.0);
( 731571.4, 4055081.5, 63.5, 63.5, 0.0); ( 731571.4, 4055106.5, 63.5, 63.5, 0.0);
( 731571.4, 4055131.5, 63.5, 63.5, 0.0); ( 731571.4, 4055156.5, 63.5, 63.5, 0.0);
( 731571.4, 4055181.5, 63.5, 63.5, 0.0); ( 731571.4, 4055206.5, 63.5, 63.5, 0.0);
( 731571.4, 4055231.5, 63.6, 63.6, 0.0); ( 731571.4, 4055256.5, 63.6, 63.6, 0.0);
( 731571.4, 4055281.5, 63.6, 63.6, 0.0); ( 731571.4, 4055306.5, 63.6, 63.6, 0.0);
( 731571.4, 4055331.5, 63.6, 63.6, 0.0); ( 731596.4, 4052331.5, 68.7, 68.7, 0.0);
( 731596.4, 4052356.5, 68.4, 68.4, 0.0); ( 731596.4, 4052381.5, 68.2, 68.2, 0.0);
( 731596.4, 4052406.5, 68.0, 68.0, 0.0); ( 731596.4, 4052431.5, 67.9, 67.9, 0.0);
( 731596.4, 4052456.5, 67.9, 67.9, 0.0); ( 731596.4, 4052481.5, 68.0, 68.0, 0.0);
( 731596.4, 4052506.5, 68.2, 68.2, 0.0); ( 731596.4, 4052531.5, 68.1, 68.1, 0.0);
( 731596.4, 4052556.5, 68.0, 68.0, 0.0); ( 731596.4, 4052581.5, 68.0, 68.0, 0.0);
( 731596.4, 4052606.5, 67.9, 67.9, 0.0); ( 731596.4, 4052631.5, 67.7, 67.7, 0.0);
( 731596.4, 4052656.5, 67.6, 67.6, 0.0); ( 731596.4, 4052681.5, 67.5, 67.5, 0.0);
( 731596.4, 4052706.5, 67.5, 67.5, 0.0); ( 731596.4, 4052731.5, 67.3, 67.3, 0.0);
( 731596.4, 4052756.5, 67.3, 67.3, 0.0); ( 731596.4, 4052781.5, 67.2, 67.2, 0.0);
( 731596.4, 4052806.5, 67.0, 67.0, 0.0); ( 731596.4, 4052831.5, 67.0, 67.0, 0.0);
( 731596.4, 4053981.5, 64.9, 64.9, 0.0); ( 731596.4, 4054006.5, 64.8, 64.8, 0.0);
( 731596.4, 4054031.5, 64.7, 64.7, 0.0); ( 731596.4, 4054056.5, 64.6, 64.6, 0.0);
( 731596.4, 4054806.5, 63.3, 63.3, 0.0); ( 731596.4, 4054831.5, 63.3, 63.3, 0.0);
( 731596.4, 4054856.5, 63.3, 63.3, 0.0); ( 731596.4, 4054881.5, 63.3, 63.3, 0.0);
( 731596.4, 4054906.5, 63.3, 63.3, 0.0); ( 731596.4, 4054931.5, 63.3, 63.3, 0.0);
( 731596.4, 4054956.5, 63.3, 63.3, 0.0); ( 731596.4, 4054981.5, 63.4, 63.4, 0.0);
( 731596.4, 4055006.5, 63.4, 63.4, 0.0); ( 731596.4, 4055031.5, 63.4, 63.4, 0.0);
( 731596.4, 4055056.5, 63.4, 63.4, 0.0); ( 731596.4, 4055081.5, 63.4, 63.4, 0.0);
( 731596.4, 4055106.5, 63.4, 63.4, 0.0); ( 731596.4, 4055131.5, 63.5, 63.5, 0.0);
( 731596.4, 4055156.5, 63.5, 63.5, 0.0); ( 731596.4, 4055181.5, 63.5, 63.5, 0.0);
( 731596.4, 4055206.5, 63.5, 63.5, 0.0); ( 731596.4, 4055231.5, 63.5, 63.5, 0.0);
( 731596.4, 4055256.5, 63.5, 63.5, 0.0); ( 731596.4, 4055281.5, 63.5, 63.5, 0.0);
( 731596.4, 4055306.5, 63.5, 63.5, 0.0); ( 731596.4, 4055331.5, 63.6, 63.6, 0.0);
( 731621.4, 4052331.5, 68.7, 68.7, 0.0); ( 731621.4, 4052356.5, 68.4, 68.4, 0.0);
( 731621.4, 4052381.5, 68.2, 68.2, 0.0); ( 731621.4, 4052406.5, 68.0, 68.0, 0.0);
( 731621.4, 4052431.5, 67.9, 67.9, 0.0); ( 731621.4, 4052456.5, 67.9, 67.9, 0.0);
( 731621.4, 4052481.5, 68.0, 68.0, 0.0); ( 731621.4, 4052506.5, 68.1, 68.1, 0.0);
( 731621.4, 4052531.5, 68.1, 68.1, 0.0); ( 731621.4, 4052556.5, 68.0, 68.0, 0.0);
( 731621.4, 4052581.5, 67.9, 67.9, 0.0); ( 731621.4, 4052606.5, 67.8, 67.8, 0.0);
( 731621.4, 4052756.5, 67.2, 67.2, 0.0); ( 731621.4, 4052781.5, 67.1, 67.1, 0.0);
( 731621.4, 4052806.5, 67.0, 67.0, 0.0); ( 731621.4, 4052831.5, 66.9, 66.9, 0.0);
( 731621.4, 4053981.5, 64.9, 64.9, 0.0); ( 731621.4, 4054006.5, 64.8, 64.8, 0.0);
```


(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731871.4, 4054931.5, 62.9, 62.9, 0.0); (731871.4, 4054956.5, 62.9, 62.9, 0.0);
(731871.4, 4054981.5, 62.9, 62.9, 0.0); (731871.4, 4055006.5, 62.9, 62.9, 0.0);
(731871.4, 4055031.5, 62.9, 62.9, 0.0); (731871.4, 4055056.5, 62.9, 62.9, 0.0);
(731871.4, 4055081.5, 63.0, 63.0, 0.0); (731871.4, 4055106.5, 63.0, 63.0, 0.0);
(731871.4, 4055131.5, 63.0, 63.0, 0.0); (731871.4, 4055156.5, 63.0, 63.0, 0.0);
(731871.4, 4055181.5, 63.0, 63.0, 0.0); (731871.4, 4055206.5, 63.0, 63.0, 0.0);
(731871.4, 4055231.5, 63.0, 63.0, 0.0); (731871.4, 4055256.5, 63.0, 63.0, 0.0);
(731871.4, 4055281.5, 63.0, 63.0, 0.0); (731871.4, 4055306.5, 63.1, 63.1, 0.0);
(731871.4, 4055331.5, 63.1, 63.1, 0.0); (731896.4, 4052331.5, 68.5, 68.5, 0.0);
(731896.4, 4052356.5, 68.3, 68.3, 0.0); (731896.4, 4052381.5, 68.2, 68.2, 0.0);
(731896.4, 4052406.5, 68.0, 68.0, 0.0); (731896.4, 4052781.5, 66.4, 66.4, 0.0);
(731896.4, 4052806.5, 66.3, 66.3, 0.0); (731896.4, 4052831.5, 66.3, 66.3, 0.0);
(731896.4, 4052981.5, 65.9, 65.9, 0.0); (731896.4, 4053006.5, 65.9, 65.9, 0.0);
(731896.4, 4053031.5, 65.8, 65.8, 0.0); (731896.4, 4053056.5, 65.7, 65.7, 0.0);
(731896.4, 4053081.5, 65.7, 65.7, 0.0); (731896.4, 4053106.5, 65.6, 65.6, 0.0);
(731896.4, 4054006.5, 64.9, 64.9, 0.0); (731896.4, 4054031.5, 63.3, 63.3, 0.0);
(731896.4, 4054056.5, 63.3, 63.3, 0.0); (731896.4, 4054081.5, 63.3, 63.3, 0.0);
(731896.4, 4054806.5, 62.9, 62.9, 0.0); (731896.4, 4054831.5, 62.9, 62.9, 0.0);
(731896.4, 4054856.5, 62.9, 62.9, 0.0); (731896.4, 4054881.5, 62.9, 62.9, 0.0);
(731896.4, 4054906.5, 62.9, 62.9, 0.0); (731896.4, 4054931.5, 62.9, 62.9, 0.0);
(731896.4, 4054956.5, 62.9, 62.9, 0.0); (731896.4, 4054981.5, 62.9, 62.9, 0.0);
(731896.4, 4055006.5, 62.9, 62.9, 0.0); (731896.4, 4055031.5, 62.9, 62.9, 0.0);
(731896.4, 4055056.5, 62.9, 62.9, 0.0); (731896.4, 4055081.5, 62.9, 62.9, 0.0);
(731896.4, 4055106.5, 62.9, 62.9, 0.0); (731896.4, 4055131.5, 63.0, 63.0, 0.0);
(731896.4, 4055156.5, 63.0, 63.0, 0.0); (731896.4, 4055181.5, 63.0, 63.0, 0.0);
(731896.4, 4055206.5, 63.0, 63.0, 0.0); (731896.4, 4055231.5, 63.0, 63.0, 0.0);
(731896.4, 4055256.5, 63.0, 63.0, 0.0); (731896.4, 4055281.5, 63.0, 63.0, 0.0);
(731896.4, 4055306.5, 63.0, 63.0, 0.0); (731896.4, 4055331.5, 63.0, 63.0, 0.0);
(731921.4, 4052331.5, 68.5, 68.5, 0.0); (731921.4, 4052356.5, 68.3, 68.3, 0.0);
(731921.4, 4052381.5, 68.2, 68.2, 0.0); (731921.4, 4052406.5, 68.0, 68.0, 0.0);
(731921.4, 4052781.5, 66.4, 66.4, 0.0); (731921.4, 4052806.5, 66.3, 66.3, 0.0);
(731921.4, 4052831.5, 66.2, 66.2, 0.0); (731921.4, 4052981.5, 65.9, 65.9, 0.0);
(731921.4, 4053006.5, 65.8, 65.8, 0.0); (731921.4, 4053031.5, 65.7, 65.7, 0.0);
(731921.4, 4053056.5, 65.7, 65.7, 0.0); (731921.4, 4053081.5, 65.6, 65.6, 0.0);
(731921.4, 4053106.5, 65.5, 65.5, 0.0); (731921.4, 4054006.5, 65.0, 65.0, 0.0);
(731921.4, 4054031.5, 63.4, 63.4, 0.0); (731921.4, 4054056.5, 63.3, 63.3, 0.0);
(731921.4, 4054081.5, 63.3, 63.3, 0.0); (731921.4, 4054306.5, 63.1, 63.1, 0.0);
(731921.4, 4054331.5, 63.1, 63.1, 0.0); (731921.4, 4054356.5, 63.1, 63.1, 0.0);
(731921.4, 4054381.5, 63.1, 63.1, 0.0); (731921.4, 4054406.5, 63.0, 63.0, 0.0);
(731921.4, 4054431.5, 63.0, 63.0, 0.0); (731921.4, 4054456.5, 63.0, 63.0, 0.0);
(731921.4, 4054481.5, 63.0, 63.0, 0.0); (731921.4, 4054506.5, 63.0, 63.0, 0.0);
(731921.4, 4054531.5, 63.0, 63.0, 0.0); (731921.4, 4054556.5, 63.0, 63.0, 0.0);
(731921.4, 4054581.5, 62.9, 62.9, 0.0); (731921.4, 4054606.5, 62.9, 62.9, 0.0);
(731921.4, 4054631.5, 62.9, 62.9, 0.0); (731921.4, 4054656.5, 62.9, 62.9, 0.0);
(731921.4, 4054681.5, 62.9, 62.9, 0.0); (731921.4, 4054706.5, 62.9, 62.9, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731921.4, 4054731.5, 62.9, 62.9, 0.0); (731921.4, 4054756.5, 62.9, 62.9, 0.0);
(731921.4, 4054781.5, 62.9, 62.9, 0.0); (731921.4, 4054806.5, 62.9, 62.9, 0.0);
(731921.4, 4054831.5, 62.9, 62.9, 0.0); (731921.4, 4054856.5, 62.9, 62.9, 0.0);
(731921.4, 4054881.5, 62.8, 62.8, 0.0); (731921.4, 4054906.5, 62.9, 62.9, 0.0);
(731921.4, 4054931.5, 62.9, 62.9, 0.0); (731921.4, 4054956.5, 62.9, 62.9, 0.0);
(731921.4, 4054981.5, 62.9, 62.9, 0.0); (731921.4, 4055006.5, 62.9, 62.9, 0.0);
(731921.4, 4055031.5, 62.9, 62.9, 0.0); (731921.4, 4055056.5, 62.9, 62.9, 0.0);
(731921.4, 4055081.5, 62.9, 62.9, 0.0); (731921.4, 4055106.5, 62.9, 62.9, 0.0);
(731921.4, 4055131.5, 62.9, 62.9, 0.0); (731921.4, 4055156.5, 62.9, 62.9, 0.0);
(731921.4, 4055181.5, 62.9, 62.9, 0.0); (731921.4, 4055206.5, 62.9, 62.9, 0.0);
(731921.4, 4055231.5, 62.9, 62.9, 0.0); (731921.4, 4055256.5, 63.0, 63.0, 0.0);
(731921.4, 4055281.5, 63.0, 63.0, 0.0); (731921.4, 4055306.5, 63.0, 63.0, 0.0);
(731921.4, 4055331.5, 63.0, 63.0, 0.0); (731946.4, 4052331.5, 68.4, 68.4, 0.0);
(731946.4, 4052356.5, 68.3, 68.3, 0.0); (731946.4, 4052381.5, 68.2, 68.2, 0.0);
(731946.4, 4052406.5, 68.0, 68.0, 0.0); (731946.4, 4052781.5, 66.3, 66.3, 0.0);
(731946.4, 4052806.5, 66.3, 66.3, 0.0); (731946.4, 4052831.5, 66.3, 66.3, 0.0);
(731946.4, 4052981.5, 65.9, 65.9, 0.0); (731946.4, 4053006.5, 65.8, 65.8, 0.0);
(731946.4, 4053031.5, 65.7, 65.7, 0.0); (731946.4, 4053056.5, 65.7, 65.7, 0.0);
(731946.4, 4053081.5, 65.5, 65.5, 0.0); (731946.4, 4053106.5, 65.5, 65.5, 0.0);
(731946.4, 4053681.5, 64.9, 64.9, 0.0); (731946.4, 4053706.5, 64.9, 64.9, 0.0);
(731946.4, 4053731.5, 64.9, 64.9, 0.0); (731946.4, 4053756.5, 64.8, 64.8, 0.0);
(731946.4, 4053781.5, 64.8, 64.8, 0.0); (731946.4, 4053806.5, 64.8, 64.8, 0.0);
(731946.4, 4053831.5, 64.8, 64.8, 0.0); (731946.4, 4053856.5, 64.9, 64.9, 0.0);
(731946.4, 4053881.5, 64.9, 64.9, 0.0); (731946.4, 4053906.5, 64.9, 64.9, 0.0);
(731946.4, 4053931.5, 64.9, 64.9, 0.0); (731946.4, 4053956.5, 64.9, 64.9, 0.0);
(731946.4, 4053981.5, 65.0, 65.0, 0.0); (731946.4, 4054006.5, 64.9, 64.9, 0.0);
(731946.4, 4054031.5, 63.4, 63.4, 0.0); (731946.4, 4054056.5, 63.2, 63.2, 0.0);
(731946.4, 4054081.5, 63.2, 63.2, 0.0); (731946.4, 4054106.5, 63.2, 63.2, 0.0);
(731946.4, 4054131.5, 63.2, 63.2, 0.0); (731946.4, 4054156.5, 63.2, 63.2, 0.0);
(731946.4, 4054181.5, 63.2, 63.2, 0.0); (731946.4, 4054206.5, 63.1, 63.1, 0.0);
(731946.4, 4054231.5, 63.1, 63.1, 0.0); (731946.4, 4054256.5, 63.1, 63.1, 0.0);
(731946.4, 4054281.5, 63.1, 63.1, 0.0); (731946.4, 4054306.5, 63.1, 63.1, 0.0);
(731946.4, 4054331.5, 63.0, 63.0, 0.0); (731946.4, 4054356.5, 63.0, 63.0, 0.0);
(731946.4, 4054381.5, 63.0, 63.0, 0.0); (731946.4, 4054406.5, 63.0, 63.0, 0.0);
(731946.4, 4054431.5, 63.0, 63.0, 0.0); (731946.4, 4054456.5, 63.0, 63.0, 0.0);
(731946.4, 4054481.5, 63.0, 63.0, 0.0); (731946.4, 4054506.5, 63.0, 63.0, 0.0);
(731946.4, 4054531.5, 62.9, 62.9, 0.0); (731946.4, 4054556.5, 62.9, 62.9, 0.0);
(731946.4, 4054581.5, 62.9, 62.9, 0.0); (731946.4, 4054606.5, 62.9, 62.9, 0.0);
(731946.4, 4054631.5, 62.9, 62.9, 0.0); (731946.4, 4054656.5, 62.9, 62.9, 0.0);
(731946.4, 4054681.5, 62.9, 62.9, 0.0); (731946.4, 4054706.5, 62.8, 62.8, 0.0);
(731946.4, 4054731.5, 62.8, 62.8, 0.0); (731946.4, 4054756.5, 62.8, 62.8, 0.0);
(731946.4, 4054781.5, 62.8, 62.8, 0.0); (731946.4, 4054806.5, 62.8, 62.8, 0.0);
(731946.4, 4054831.5, 62.8, 62.8, 0.0); (731946.4, 4054856.5, 62.8, 62.8, 0.0);
(731946.4, 4054881.5, 62.8, 62.8, 0.0); (731946.4, 4054906.5, 62.8, 62.8, 0.0);
(731946.4, 4054931.5, 62.8, 62.8, 0.0); (731946.4, 4054956.5, 62.8, 62.8, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731946.4, 4054981.5, 62.8, 62.8, 0.0); (731946.4, 4055006.5, 62.8, 62.8, 0.0);
(731946.4, 4055031.5, 62.8, 62.8, 0.0); (731946.4, 4055206.5, 62.9, 62.9, 0.0);
(731946.4, 4055231.5, 62.9, 62.9, 0.0); (731946.4, 4055256.5, 62.9, 62.9, 0.0);
(731946.4, 4055281.5, 62.9, 62.9, 0.0); (731946.4, 4055306.5, 62.9, 62.9, 0.0);

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( 731946.4, 4055331.5, 62.9, 62.9, 0.0); ( 731971.4, 4052331.5, 68.4, 68.4, 0.0);
( 731971.4, 4052356.5, 68.3, 68.3, 0.0); ( 731971.4, 4052381.5, 68.2, 68.2, 0.0);
( 731971.4, 4052406.5, 68.0, 68.0, 0.0); ( 731971.4, 4052756.5, 66.4, 66.4, 0.0);
( 731971.4, 4052781.5, 66.4, 66.4, 0.0); ( 731971.4, 4052806.5, 66.4, 66.4, 0.0);
( 731971.4, 4052831.5, 66.4, 66.4, 0.0); ( 731971.4, 4052856.5, 66.3, 66.3, 0.0);
( 731971.4, 4052881.5, 66.2, 66.2, 0.0); ( 731971.4, 4052906.5, 66.1, 66.1, 0.0);
( 731971.4, 4052931.5, 66.0, 66.0, 0.0); ( 731971.4, 4052956.5, 66.0, 66.0, 0.0);
( 731971.4, 4052981.5, 65.9, 65.9, 0.0); ( 731971.4, 4053006.5, 65.8, 65.8, 0.0);
( 731971.4, 4053031.5, 65.7, 65.7, 0.0); ( 731971.4, 4053056.5, 65.6, 65.6, 0.0);
( 731971.4, 4053081.5, 65.6, 65.6, 0.0); ( 731971.4, 4053106.5, 65.5, 65.5, 0.0);
( 731971.4, 4053131.5, 65.4, 65.4, 0.0); ( 731971.4, 4053156.5, 65.3, 65.3, 0.0);
( 731971.4, 4053181.5, 65.2, 65.2, 0.0); ( 731971.4, 4053206.5, 65.2, 65.2, 0.0);
( 731971.4, 4053231.5, 65.1, 65.1, 0.0); ( 731971.4, 4053256.5, 65.0, 65.0, 0.0);
( 731971.4, 4053281.5, 65.0, 65.0, 0.0); ( 731971.4, 4053306.5, 65.0, 65.0, 0.0);
( 731971.4, 4053331.5, 64.9, 64.9, 0.0); ( 731971.4, 4053356.5, 64.9, 64.9, 0.0);
( 731971.4, 4053381.5, 64.9, 64.9, 0.0); ( 731971.4, 4053406.5, 64.8, 64.8, 0.0);
( 731971.4, 4053431.5, 64.8, 64.8, 0.0); ( 731971.4, 4053456.5, 64.8, 64.8, 0.0);
( 731971.4, 4053481.5, 64.8, 64.8, 0.0); ( 731971.4, 4053506.5, 64.8, 64.8, 0.0);
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( 731971.4, 4053581.5, 64.8, 64.8, 0.0); ( 731971.4, 4053606.5, 64.8, 64.8, 0.0);
( 731971.4, 4053631.5, 64.8, 64.8, 0.0); ( 731971.4, 4053656.5, 64.8, 64.8, 0.0);
( 731971.4, 4053681.5, 64.8, 64.8, 0.0); ( 731971.4, 4053706.5, 64.8, 64.8, 0.0);
( 731971.4, 4053731.5, 64.8, 64.8, 0.0); ( 731971.4, 4053756.5, 64.8, 64.8, 0.0);
( 731971.4, 4053781.5, 64.8, 64.8, 0.0); ( 731971.4, 4053806.5, 64.7, 64.7, 0.0);
( 731971.4, 4053831.5, 64.7, 64.7, 0.0); ( 731971.4, 4053856.5, 64.6, 64.6, 0.0);
( 731971.4, 4053881.5, 64.6, 64.6, 0.0); ( 731971.4, 4053906.5, 64.5, 64.5, 0.0);
( 731971.4, 4053931.5, 64.4, 64.4, 0.0); ( 731971.4, 4053956.5, 64.2, 64.2, 0.0);
( 731971.4, 4053981.5, 63.8, 63.8, 0.0); ( 731971.4, 4054006.5, 63.9, 63.9, 0.0);
( 731971.4, 4054031.5, 63.4, 63.4, 0.0); ( 731971.4, 4054056.5, 63.3, 63.3, 0.0);
( 731971.4, 4054081.5, 63.2, 63.2, 0.0); ( 731971.4, 4054106.5, 63.2, 63.2, 0.0);
( 731971.4, 4054131.5, 63.2, 63.2, 0.0); ( 731971.4, 4054156.5, 63.1, 63.1, 0.0);
( 731971.4, 4054181.5, 63.1, 63.1, 0.0); ( 731971.4, 4054206.5, 63.1, 63.1, 0.0);
( 731971.4, 4054231.5, 63.1, 63.1, 0.0); ( 731971.4, 4054256.5, 63.1, 63.1, 0.0);
( 731971.4, 4054281.5, 63.1, 63.1, 0.0); ( 731971.4, 4054306.5, 63.0, 63.0, 0.0);
( 731971.4, 4054331.5, 63.0, 63.0, 0.0); ( 731971.4, 4054356.5, 63.0, 63.0, 0.0);
( 731971.4, 4054381.5, 63.0, 63.0, 0.0); ( 731971.4, 4054406.5, 63.0, 63.0, 0.0);
( 731971.4, 4054431.5, 63.0, 63.0, 0.0); ( 731971.4, 4055206.5, 62.9, 62.9, 0.0);
( 731971.4, 4055231.5, 62.9, 62.9, 0.0); ( 731971.4, 4055256.5, 62.9, 62.9, 0.0);
( 731971.4, 4055281.5, 62.9, 62.9, 0.0); ( 731971.4, 4055306.5, 62.9, 62.9, 0.0);
( 731971.4, 4055331.5, 62.9, 62.9, 0.0); ( 731996.4, 4052331.5, 68.4, 68.4, 0.0);
( 731996.4, 4052356.5, 68.2, 68.2, 0.0); ( 731996.4, 4052381.5, 68.1, 68.1, 0.0);

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*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731996.4, 4052406.5, 68.0, 68.0, 0.0); ( 731996.4, 4052431.5, 67.9, 67.9, 0.0);
( 731996.4, 4052456.5, 67.7, 67.7, 0.0); ( 731996.4, 4052481.5, 67.5, 67.5, 0.0);
( 731996.4, 4052506.5, 67.2, 67.2, 0.0); ( 731996.4, 4052531.5, 67.0, 67.0, 0.0);
( 731996.4, 4052556.5, 66.9, 66.9, 0.0); ( 731996.4, 4052581.5, 66.7, 66.7, 0.0);
( 731996.4, 4052606.5, 66.6, 66.6, 0.0); ( 731996.4, 4052631.5, 66.6, 66.6, 0.0);
( 731996.4, 4052656.5, 66.6, 66.6, 0.0); ( 731996.4, 4052681.5, 66.6, 66.6, 0.0);
( 731996.4, 4052706.5, 66.5, 66.5, 0.0); ( 731996.4, 4052731.5, 66.5, 66.5, 0.0);
( 731996.4, 4052756.5, 66.3, 66.3, 0.0); ( 731996.4, 4052781.5, 66.3, 66.3, 0.0);
( 731996.4, 4052806.5, 66.3, 66.3, 0.0); ( 731996.4, 4052831.5, 66.3, 66.3, 0.0);
( 731996.4, 4052856.5, 66.3, 66.3, 0.0); ( 731996.4, 4052881.5, 66.2, 66.2, 0.0);
( 731996.4, 4052906.5, 66.0, 66.0, 0.0); ( 731996.4, 4052931.5, 65.9, 65.9, 0.0);
( 731996.4, 4052956.5, 65.8, 65.8, 0.0); ( 731996.4, 4052981.5, 65.8, 65.8, 0.0);
( 731996.4, 4053006.5, 65.7, 65.7, 0.0); ( 731996.4, 4053031.5, 65.6, 65.6, 0.0);
( 731996.4, 4053056.5, 65.5, 65.5, 0.0); ( 731996.4, 4053081.5, 65.4, 65.4, 0.0);
( 731996.4, 4053106.5, 65.3, 65.3, 0.0); ( 731996.4, 4053131.5, 65.3, 65.3, 0.0);
( 731996.4, 4053156.5, 65.2, 65.2, 0.0); ( 731996.4, 4053181.5, 65.2, 65.2, 0.0);
( 731996.4, 4053206.5, 65.1, 65.1, 0.0); ( 731996.4, 4053231.5, 65.0, 65.0, 0.0);
( 731996.4, 4053256.5, 65.0, 65.0, 0.0); ( 731996.4, 4053281.5, 65.0, 65.0, 0.0);
( 731996.4, 4053306.5, 64.9, 64.9, 0.0); ( 731996.4, 4053331.5, 64.8, 64.8, 0.0);
( 731996.4, 4053356.5, 64.8, 64.8, 0.0); ( 731996.4, 4053381.5, 64.8, 64.8, 0.0);
( 731996.4, 4053406.5, 64.8, 64.8, 0.0); ( 731996.4, 4053431.5, 64.8, 64.8, 0.0);
( 731996.4, 4053456.5, 64.8, 64.8, 0.0); ( 731996.4, 4053481.5, 64.8, 64.8, 0.0);
( 731996.4, 4053506.5, 64.7, 64.7, 0.0); ( 731996.4, 4053531.5, 64.7, 64.7, 0.0);
( 731996.4, 4053556.5, 64.7, 64.7, 0.0); ( 731996.4, 4053581.5, 64.7, 64.7, 0.0);
( 731996.4, 4053831.5, 64.3, 64.3, 0.0); ( 731996.4, 4053856.5, 64.1, 64.1, 0.0);
( 731996.4, 4053881.5, 63.9, 63.9, 0.0); ( 731996.4, 4053906.5, 63.6, 63.6, 0.0);
( 731996.4, 4053931.5, 63.4, 63.4, 0.0); ( 731996.4, 4053956.5, 63.3, 63.3, 0.0);
( 731996.4, 4053981.5, 63.3, 63.3, 0.0); ( 731996.4, 4054006.5, 63.3, 63.3, 0.0);
( 731996.4, 4054031.5, 63.3, 63.3, 0.0); ( 731996.4, 4054056.5, 63.2, 63.2, 0.0);
( 731996.4, 4054081.5, 63.2, 63.2, 0.0); ( 731996.4, 4055206.5, 62.8, 62.8, 0.0);
( 731996.4, 4055231.5, 62.8, 62.8, 0.0); ( 731996.4, 4055256.5, 62.8, 62.8, 0.0);
( 731996.4, 4055281.5, 62.8, 62.8, 0.0); ( 731996.4, 4055306.5, 62.8, 62.8, 0.0);
( 731996.4, 4055331.5, 62.8, 62.8, 0.0); ( 732021.4, 4052331.5, 68.4, 68.4, 0.0);
( 732021.4, 4052356.5, 68.2, 68.2, 0.0); ( 732021.4, 4052381.5, 68.1, 68.1, 0.0);
( 732021.4, 4052406.5, 68.0, 68.0, 0.0); ( 732021.4, 4052431.5, 67.8, 67.8, 0.0);
( 732021.4, 4052456.5, 67.7, 67.7, 0.0); ( 732021.4, 4052481.5, 67.5, 67.5, 0.0);
( 732021.4, 4052506.5, 67.3, 67.3, 0.0); ( 732021.4, 4052531.5, 67.2, 67.2, 0.0);
( 732021.4, 4052556.5, 67.0, 67.0, 0.0); ( 732021.4, 4052581.5, 66.9, 66.9, 0.0);
( 732021.4, 4052606.5, 66.8, 66.8, 0.0); ( 732021.4, 4052631.5, 66.8, 66.8, 0.0);
( 732021.4, 4052656.5, 66.7, 66.7, 0.0); ( 732021.4, 4052681.5, 66.6, 66.6, 0.0);
( 732021.4, 4052706.5, 66.5, 66.5, 0.0); ( 732021.4, 4052731.5, 66.4, 66.4, 0.0);
( 732021.4, 4052756.5, 66.3, 66.3, 0.0); ( 732021.4, 4052781.5, 66.3, 66.3, 0.0);
( 732021.4, 4052806.5, 66.2, 66.2, 0.0); ( 732021.4, 4052831.5, 66.2, 66.2, 0.0);
( 732021.4, 4052856.5, 66.2, 66.2, 0.0); ( 732021.4, 4052881.5, 66.1, 66.1, 0.0);
( 732021.4, 4052906.5, 66.0, 66.0, 0.0); ( 732021.4, 4052931.5, 65.9, 65.9, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 732021.4, 4052956.5, 65.8, 65.8, 0.0); ( 732021.4, 4052981.5, 65.7, 65.7, 0.0);
( 732021.4, 4053006.5, 65.6, 65.6, 0.0); ( 732021.4, 4053031.5, 65.5, 65.5, 0.0);
( 732021.4, 4053056.5, 65.5, 65.5, 0.0); ( 732021.4, 4053081.5, 65.4, 65.4, 0.0);
( 732021.4, 4053106.5, 65.3, 65.3, 0.0); ( 732021.4, 4053131.5, 65.2, 65.2, 0.0);
( 732021.4, 4053156.5, 65.2, 65.2, 0.0); ( 732021.4, 4053181.5, 65.1, 65.1, 0.0);
( 732021.4, 4053206.5, 65.0, 65.0, 0.0); ( 732021.4, 4053831.5, 63.8, 63.8, 0.0);
( 732021.4, 4053856.5, 63.6, 63.6, 0.0); ( 732021.4, 4053881.5, 63.4, 63.4, 0.0);
( 732021.4, 4053906.5, 63.3, 63.3, 0.0); ( 732021.4, 4053931.5, 63.3, 63.3, 0.0);
( 732021.4, 4053956.5, 63.2, 63.2, 0.0); ( 732021.4, 4053981.5, 63.2, 63.2, 0.0);
( 732021.4, 4054006.5, 63.2, 63.2, 0.0); ( 732021.4, 4054031.5, 63.2, 63.2, 0.0);
( 732021.4, 4054056.5, 63.2, 63.2, 0.0); ( 732021.4, 4055206.5, 62.8, 62.8, 0.0);

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(732021.4, 4055231.5, 62.8, 62.8, 0.0);	(732021.4, 4055256.5, 62.8, 62.8, 0.0);
(732021.4, 4055281.5, 62.8, 62.8, 0.0);	(732021.4, 4055306.5, 62.8, 62.8, 0.0);
(732021.4, 4055331.5, 62.8, 62.8, 0.0);	(732046.4, 4052331.5, 68.3, 68.3, 0.0);
(732046.4, 4052356.5, 68.1, 68.1, 0.0);	(732046.4, 4052381.5, 68.0, 68.0, 0.0);
(732046.4, 4052406.5, 67.9, 67.9, 0.0);	(732046.4, 4052431.5, 67.8, 67.8, 0.0);
(732046.4, 4052456.5, 67.6, 67.6, 0.0);	(732046.4, 4052481.5, 67.5, 67.5, 0.0);
(732046.4, 4052506.5, 67.3, 67.3, 0.0);	(732046.4, 4052531.5, 67.2, 67.2, 0.0);
(732046.4, 4052556.5, 67.1, 67.1, 0.0);	(732046.4, 4052581.5, 67.0, 67.0, 0.0);
(732046.4, 4052606.5, 66.9, 66.9, 0.0);	(732046.4, 4052631.5, 66.8, 66.8, 0.0);
(732046.4, 4052656.5, 66.7, 66.7, 0.0);	(732046.4, 4052681.5, 66.6, 66.6, 0.0);
(732046.4, 4052706.5, 66.5, 66.5, 0.0);	(732046.4, 4052731.5, 66.4, 66.4, 0.0);
(732046.4, 4052756.5, 66.3, 66.3, 0.0);	(732046.4, 4052781.5, 66.2, 66.2, 0.0);
(732046.4, 4052806.5, 66.1, 66.1, 0.0);	(732046.4, 4052831.5, 66.1, 66.1, 0.0);
(732046.4, 4052856.5, 66.0, 66.0, 0.0);	(732046.4, 4052881.5, 66.0, 66.0, 0.0);
(732046.4, 4052906.5, 66.0, 66.0, 0.0);	(732046.4, 4052931.5, 65.9, 65.9, 0.0);
(732046.4, 4052956.5, 65.8, 65.8, 0.0);	(732046.4, 4052981.5, 65.7, 65.7, 0.0);
(732046.4, 4053006.5, 65.6, 65.6, 0.0);	(732046.4, 4053031.5, 65.5, 65.5, 0.0);
(732046.4, 4053056.5, 65.4, 65.4, 0.0);	(732046.4, 4053081.5, 65.3, 65.3, 0.0);
(732046.4, 4053106.5, 65.2, 65.2, 0.0);	(732046.4, 4053131.5, 65.2, 65.2, 0.0);
(732046.4, 4053156.5, 65.1, 65.1, 0.0);	(732046.4, 4053181.5, 65.1, 65.1, 0.0);
(732046.4, 4053206.5, 65.0, 65.0, 0.0);	(732046.4, 4053856.5, 63.3, 63.3, 0.0);
(732046.4, 4053881.5, 63.3, 63.3, 0.0);	(732046.4, 4053906.5, 63.2, 63.2, 0.0);
(732046.4, 4053931.5, 63.2, 63.2, 0.0);	(732046.4, 4053956.5, 63.2, 63.2, 0.0);
(732046.4, 4053981.5, 63.2, 63.2, 0.0);	(732046.4, 4054006.5, 63.2, 63.2, 0.0);
(732046.4, 4054031.5, 63.2, 63.2, 0.0);	(732046.4, 4054056.5, 63.2, 63.2, 0.0);
(732046.4, 4055206.5, 62.7, 62.7, 0.0);	(732046.4, 4055231.5, 62.7, 62.7, 0.0);
(732046.4, 4055256.5, 62.8, 62.8, 0.0);	(732046.4, 4055281.5, 62.8, 62.8, 0.0);
(732046.4, 4055306.5, 62.8, 62.8, 0.0);	(732046.4, 4055331.5, 62.8, 62.8, 0.0);
(732071.4, 4052331.5, 68.3, 68.3, 0.0);	(732071.4, 4052356.5, 68.1, 68.1, 0.0);
(732071.4, 4052381.5, 68.0, 68.0, 0.0);	(732071.4, 4052406.5, 67.8, 67.8, 0.0);
(732071.4, 4052431.5, 67.7, 67.7, 0.0);	(732071.4, 4052456.5, 67.6, 67.6, 0.0);
(732071.4, 4052481.5, 67.5, 67.5, 0.0);	(732071.4, 4052506.5, 67.3, 67.3, 0.0);
(732071.4, 4052531.5, 67.2, 67.2, 0.0);	(732071.4, 4052556.5, 67.1, 67.1, 0.0);
(732071.4, 4052581.5, 67.0, 67.0, 0.0);	(732071.4, 4052606.5, 66.9, 66.9, 0.0);

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*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
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***   ***   ***   ***   ***   ***   ***   ***   42

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*** MODELOPTs:   RegDFault  CONC  ELEV  RURAL  ADJ_U*
                *** DISCRETE CARTESIAN RECEPTORS ***
                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                (METERS)
( 732071.4, 4052631.5, 66.8, 66.8, 0.0); ( 732071.4, 4052656.5, 66.6, 66.6, 0.0);
( 732071.4, 4052681.5, 66.5, 66.5, 0.0); ( 732071.4, 4052706.5, 66.4, 66.4, 0.0);
( 732071.4, 4052731.5, 66.3, 66.3, 0.0); ( 732071.4, 4052756.5, 66.2, 66.2, 0.0);
( 732071.4, 4052781.5, 66.2, 66.2, 0.0); ( 732071.4, 4052806.5, 66.1, 66.1, 0.0);
( 732071.4, 4052831.5, 66.1, 66.1, 0.0); ( 732071.4, 4052856.5, 66.0, 66.0, 0.0);
( 732071.4, 4052881.5, 66.0, 66.0, 0.0); ( 732071.4, 4052906.5, 65.9, 65.9, 0.0);
( 732071.4, 4052931.5, 65.8, 65.8, 0.0); ( 732071.4, 4052956.5, 65.7, 65.7, 0.0);
( 732071.4, 4052981.5, 65.6, 65.6, 0.0); ( 732071.4, 4053006.5, 65.5, 65.5, 0.0);
( 732071.4, 4053031.5, 65.5, 65.5, 0.0); ( 732071.4, 4053056.5, 65.4, 65.4, 0.0);
( 732071.4, 4053081.5, 65.3, 65.3, 0.0); ( 732071.4, 4053106.5, 65.2, 65.2, 0.0);
( 732071.4, 4053131.5, 65.2, 65.2, 0.0); ( 732071.4, 4053156.5, 65.1, 65.1, 0.0);
( 732071.4, 4053181.5, 65.0, 65.0, 0.0); ( 732071.4, 4053206.5, 65.0, 65.0, 0.0);
( 732071.4, 4053856.5, 63.3, 63.3, 0.0); ( 732071.4, 4053881.5, 63.2, 63.2, 0.0);
( 732071.4, 4053906.5, 63.2, 63.2, 0.0); ( 732071.4, 4053931.5, 63.2, 63.2, 0.0);
( 732071.4, 4053956.5, 63.2, 63.2, 0.0); ( 732071.4, 4053981.5, 63.2, 63.2, 0.0);
( 732071.4, 4054006.5, 63.1, 63.1, 0.0); ( 732071.4, 4054031.5, 63.1, 63.1, 0.0);
( 732071.4, 4054056.5, 63.1, 63.1, 0.0); ( 732071.4, 4055206.5, 62.7, 62.7, 0.0);
( 732071.4, 4055231.5, 62.7, 62.7, 0.0); ( 732071.4, 4055256.5, 62.7, 62.7, 0.0);
( 732071.4, 4055281.5, 62.7, 62.7, 0.0); ( 732071.4, 4055306.5, 62.7, 62.7, 0.0);
( 732071.4, 4055331.5, 62.7, 62.7, 0.0); ( 732096.4, 4052331.5, 68.2, 68.2, 0.0);
( 732096.4, 4052356.5, 68.0, 68.0, 0.0); ( 732096.4, 4052381.5, 67.9, 67.9, 0.0);
( 732096.4, 4052406.5, 67.8, 67.8, 0.0); ( 732096.4, 4052431.5, 67.6, 67.6, 0.0);
( 732096.4, 4052456.5, 67.5, 67.5, 0.0); ( 732096.4, 4052481.5, 67.4, 67.4, 0.0);
( 732096.4, 4052506.5, 67.3, 67.3, 0.0); ( 732096.4, 4052531.5, 67.2, 67.2, 0.0);
( 732096.4, 4052556.5, 67.1, 67.1, 0.0); ( 732096.4, 4052581.5, 67.0, 67.0, 0.0);
( 732096.4, 4052606.5, 66.8, 66.8, 0.0); ( 732096.4, 4052631.5, 66.8, 66.8, 0.0);
( 732096.4, 4052656.5, 66.6, 66.6, 0.0); ( 732096.4, 4052681.5, 66.5, 66.5, 0.0);
( 732096.4, 4052706.5, 66.4, 66.4, 0.0); ( 732096.4, 4052731.5, 66.3, 66.3, 0.0);
( 732096.4, 4052756.5, 66.2, 66.2, 0.0); ( 732096.4, 4052781.5, 66.1, 66.1, 0.0);
( 732096.4, 4052806.5, 66.0, 66.0, 0.0); ( 732096.4, 4052831.5, 66.0, 66.0, 0.0);
( 732096.4, 4052856.5, 66.0, 66.0, 0.0); ( 732096.4, 4052881.5, 65.9, 65.9, 0.0);
( 732096.4, 4052906.5, 65.8, 65.8, 0.0); ( 732096.4, 4052931.5, 65.7, 65.7, 0.0);
( 732096.4, 4052956.5, 65.7, 65.7, 0.0); ( 732096.4, 4052981.5, 65.6, 65.6, 0.0);
( 732096.4, 4053006.5, 65.5, 65.5, 0.0); ( 732096.4, 4053031.5, 65.4, 65.4, 0.0);
( 732096.4, 4053056.5, 65.3, 65.3, 0.0); ( 732096.4, 4053081.5, 65.3, 65.3, 0.0);
( 732096.4, 4053106.5, 65.2, 65.2, 0.0); ( 732096.4, 4053131.5, 65.1, 65.1, 0.0);
( 732096.4, 4053156.5, 65.0, 65.0, 0.0); ( 732096.4, 4053181.5, 65.0, 65.0, 0.0);
( 732096.4, 4053206.5, 64.9, 64.9, 0.0); ( 732096.4, 4053856.5, 63.2, 63.2, 0.0);
( 732096.4, 4053881.5, 63.2, 63.2, 0.0); ( 732096.4, 4053906.5, 63.1, 63.1, 0.0);
( 732096.4, 4053931.5, 63.1, 63.1, 0.0); ( 732096.4, 4053956.5, 63.1, 63.1, 0.0);
( 732096.4, 4053981.5, 63.1, 63.1, 0.0); ( 732096.4, 4054006.5, 63.1, 63.1, 0.0);
( 732096.4, 4054031.5, 63.1, 63.1, 0.0); ( 732096.4, 4054056.5, 63.1, 63.1, 0.0);
( 732096.4, 4055206.5, 62.6, 62.6, 0.0); ( 732096.4, 4055231.5, 62.7, 62.7, 0.0);
( 732096.4, 4055256.5, 62.7, 62.7, 0.0); ( 732096.4, 4055281.5, 62.7, 62.7, 0.0);
( 732096.4, 4055306.5, 62.7, 62.7, 0.0); ( 732096.4, 4055331.5, 62.7, 62.7, 0.0);

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*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
*** AERMET - VERSION 18081 ***   ***   ***   ***   11:56:46
***   ***   ***   ***   ***   ***   ***   ***   43

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*** MODELOPTs:   RegDFault  CONC  ELEV  RURAL  ADJ_U*
                *** DISCRETE CARTESIAN RECEPTORS ***
                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                (METERS)
( 732121.4, 4052331.5, 68.1, 68.1, 0.0); ( 732121.4, 4052356.5, 68.0, 68.0, 0.0);
( 732121.4, 4052381.5, 67.8, 67.8, 0.0); ( 732121.4, 4052406.5, 67.7, 67.7, 0.0);
( 732121.4, 4052431.5, 67.6, 67.6, 0.0); ( 732121.4, 4052456.5, 67.5, 67.5, 0.0);
( 732121.4, 4052481.5, 67.4, 67.4, 0.0); ( 732121.4, 4052506.5, 67.3, 67.3, 0.0);
( 732121.4, 4052531.5, 67.1, 67.1, 0.0); ( 732121.4, 4052556.5, 67.0, 67.0, 0.0);
( 732121.4, 4052581.5, 66.9, 66.9, 0.0); ( 732121.4, 4052606.5, 66.8, 66.8, 0.0);
( 732121.4, 4052631.5, 66.7, 66.7, 0.0); ( 732121.4, 4052656.5, 66.5, 66.5, 0.0);
( 732121.4, 4052681.5, 66.5, 66.5, 0.0); ( 732121.4, 4052706.5, 66.3, 66.3, 0.0);
( 732121.4, 4052731.5, 66.3, 66.3, 0.0); ( 732121.4, 4052756.5, 66.2, 66.2, 0.0);
( 732121.4, 4052781.5, 66.1, 66.1, 0.0); ( 732121.4, 4052806.5, 66.0, 66.0, 0.0);
( 732121.4, 4052831.5, 66.0, 66.0, 0.0); ( 732121.4, 4052856.5, 65.9, 65.9, 0.0);
( 732121.4, 4052881.5, 65.8, 65.8, 0.0); ( 732121.4, 4052906.5, 65.8, 65.8, 0.0);
( 732121.4, 4052931.5, 65.7, 65.7, 0.0); ( 732121.4, 4052956.5, 65.6, 65.6, 0.0);
( 732121.4, 4052981.5, 65.5, 65.5, 0.0); ( 732121.4, 4053006.5, 65.4, 65.4, 0.0);
( 732121.4, 4053031.5, 65.3, 65.3, 0.0); ( 732121.4, 4053056.5, 65.3, 65.3, 0.0);
( 732121.4, 4053081.5, 65.2, 65.2, 0.0); ( 732121.4, 4053106.5, 65.1, 65.1, 0.0);
( 732121.4, 4053131.5, 65.1, 65.1, 0.0); ( 732121.4, 4053156.5, 65.0, 65.0, 0.0);
( 732121.4, 4053181.5, 64.9, 64.9, 0.0); ( 732121.4, 4053206.5, 64.9, 64.9, 0.0);

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Table with columns: (X, Y), CONC, ELEV, RURAL, ADJ_U*. Rows show receptor coordinates and values for two models: 732121.4 and 732146.4.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 44

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

Table with columns: (X, Y), CONC, ELEV, RURAL, ADJ_U*. Rows show discrete receptor coordinates and values for two models: 732146.4 and 732171.4.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 45

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

Table with columns: (X, Y), CONC, ELEV, RURAL, ADJ_U*. Rows show discrete receptor coordinates and values for two models: 732196.4 and 732221.4.

(732221.4, 4055331.5, 62.5, 62.5, 0.0);	(732246.4, 4052331.5, 67.9, 67.9, 0.0);
(732246.4, 4052356.5, 67.7, 67.7, 0.0);	(732246.4, 4052381.5, 67.6, 67.6, 0.0);
(732246.4, 4052406.5, 67.5, 67.5, 0.0);	(732246.4, 4052431.5, 67.4, 67.4, 0.0);
(732246.4, 4052456.5, 67.2, 67.2, 0.0);	(732246.4, 4052481.5, 67.1, 67.1, 0.0);
(732246.4, 4052506.5, 67.0, 67.0, 0.0);	(732246.4, 4052531.5, 66.9, 66.9, 0.0);
(732246.4, 4052556.5, 66.8, 66.8, 0.0);	(732246.4, 4052581.5, 66.6, 66.6, 0.0);
(732246.4, 4052606.5, 66.5, 66.5, 0.0);	(732246.4, 4052631.5, 66.4, 66.4, 0.0);
(732246.4, 4052656.5, 66.3, 66.3, 0.0);	(732246.4, 4052681.5, 66.2, 66.2, 0.0);
(732246.4, 4052706.5, 66.1, 66.1, 0.0);	(732246.4, 4052731.5, 66.0, 66.0, 0.0);
(732246.4, 4052756.5, 66.0, 66.0, 0.0);	(732246.4, 4052781.5, 65.9, 65.9, 0.0);
(732246.4, 4052806.5, 65.8, 65.8, 0.0);	(732246.4, 4052831.5, 65.7, 65.7, 0.0);
(732246.4, 4052856.5, 65.6, 65.6, 0.0);	(732246.4, 4052881.5, 65.5, 65.5, 0.0);
(732246.4, 4052906.5, 65.5, 65.5, 0.0);	(732246.4, 4052931.5, 65.4, 65.4, 0.0);
(732246.4, 4052956.5, 65.3, 65.3, 0.0);	(732246.4, 4052981.5, 65.2, 65.2, 0.0);
(732246.4, 4053006.5, 65.1, 65.1, 0.0);	(732246.4, 4053031.5, 65.1, 65.1, 0.0);
(732246.4, 4053056.5, 65.0, 65.0, 0.0);	(732246.4, 4053081.5, 64.9, 64.9, 0.0);
(732246.4, 4053106.5, 64.9, 64.9, 0.0);	(732246.4, 4053131.5, 64.8, 64.8, 0.0);
(732246.4, 4053156.5, 64.7, 64.7, 0.0);	(732246.4, 4053181.5, 64.7, 64.7, 0.0);
(732246.4, 4053206.5, 64.6, 64.6, 0.0);	(732246.4, 4053231.5, 64.5, 64.5, 0.0);
(732246.4, 4053981.5, 62.9, 62.9, 0.0);	(732246.4, 4054006.5, 62.9, 62.9, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
 (METERS)

(732246.4, 4054031.5, 62.9, 62.9, 0.0);	(732246.4, 4054056.5, 62.8, 62.8, 0.0);
(732246.4, 4055206.5, 62.4, 62.4, 0.0);	(732246.4, 4055231.5, 62.4, 62.4, 0.0);
(732246.4, 4055256.5, 62.4, 62.4, 0.0);	(732246.4, 4055281.5, 62.4, 62.4, 0.0);
(732246.4, 4055306.5, 62.4, 62.4, 0.0);	(732246.4, 4055331.5, 62.4, 62.4, 0.0);
(732271.4, 4052331.5, 67.8, 67.8, 0.0);	(732271.4, 4052356.5, 67.7, 67.7, 0.0);
(732271.4, 4052381.5, 67.5, 67.5, 0.0);	(732271.4, 4052406.5, 67.4, 67.4, 0.0);
(732271.4, 4052431.5, 67.3, 67.3, 0.0);	(732271.4, 4052456.5, 67.2, 67.2, 0.0);
(732271.4, 4052481.5, 67.0, 67.0, 0.0);	(732271.4, 4052506.5, 66.9, 66.9, 0.0);
(732271.4, 4052531.5, 66.8, 66.8, 0.0);	(732271.4, 4052556.5, 66.7, 66.7, 0.0);
(732271.4, 4052581.5, 66.6, 66.6, 0.0);	(732271.4, 4052606.5, 66.5, 66.5, 0.0);
(732271.4, 4052631.5, 66.4, 66.4, 0.0);	(732271.4, 4052656.5, 66.3, 66.3, 0.0);
(732271.4, 4052681.5, 66.2, 66.2, 0.0);	(732271.4, 4052706.5, 66.1, 66.1, 0.0);
(732271.4, 4052731.5, 66.0, 66.0, 0.0);	(732271.4, 4052756.5, 65.9, 65.9, 0.0);
(732271.4, 4052781.5, 65.8, 65.8, 0.0);	(732271.4, 4052806.5, 65.8, 65.8, 0.0);
(732271.4, 4052831.5, 65.7, 65.7, 0.0);	(732271.4, 4052856.5, 65.6, 65.6, 0.0);
(732271.4, 4052881.5, 65.5, 65.5, 0.0);	(732271.4, 4052906.5, 65.4, 65.4, 0.0);
(732271.4, 4052931.5, 65.4, 65.4, 0.0);	(732271.4, 4052956.5, 65.3, 65.3, 0.0);
(732271.4, 4052981.5, 65.2, 65.2, 0.0);	(732271.4, 4053006.5, 65.1, 65.1, 0.0);
(732271.4, 4053031.5, 65.0, 65.0, 0.0);	(732271.4, 4053056.5, 65.0, 65.0, 0.0);
(732271.4, 4053081.5, 64.9, 64.9, 0.0);	(732271.4, 4053106.5, 64.8, 64.8, 0.0);
(732271.4, 4053131.5, 64.7, 64.7, 0.0);	(732271.4, 4053156.5, 64.7, 64.7, 0.0);
(732271.4, 4053181.5, 64.6, 64.6, 0.0);	(732271.4, 4053206.5, 64.5, 64.5, 0.0);
(732271.4, 4053231.5, 64.5, 64.5, 0.0);	(732271.4, 4053981.5, 62.9, 62.9, 0.0);
(732271.4, 4054006.5, 62.9, 62.9, 0.0);	(732271.4, 4054031.5, 62.9, 62.9, 0.0);
(732271.4, 4054056.5, 62.8, 62.8, 0.0);	(732271.4, 4055206.5, 62.3, 62.3, 0.0);
(732271.4, 4055231.5, 62.3, 62.3, 0.0);	(732271.4, 4055256.5, 62.3, 62.3, 0.0);
(732271.4, 4055281.5, 62.3, 62.3, 0.0);	(732271.4, 4055306.5, 62.4, 62.4, 0.0);
(732271.4, 4055331.5, 62.4, 62.4, 0.0);	(732296.4, 4052331.5, 67.7, 67.7, 0.0);
(732296.4, 4052356.5, 67.6, 67.6, 0.0);	(732296.4, 4052381.5, 67.5, 67.5, 0.0);
(732296.4, 4052406.5, 67.4, 67.4, 0.0);	(732296.4, 4052431.5, 67.2, 67.2, 0.0);
(732296.4, 4052456.5, 67.1, 67.1, 0.0);	(732296.4, 4052481.5, 67.0, 67.0, 0.0);
(732296.4, 4052506.5, 66.9, 66.9, 0.0);	(732296.4, 4052531.5, 66.8, 66.8, 0.0);
(732296.4, 4052556.5, 66.6, 66.6, 0.0);	(732296.4, 4052581.5, 66.5, 66.5, 0.0);
(732296.4, 4052606.5, 66.4, 66.4, 0.0);	(732296.4, 4052631.5, 66.3, 66.3, 0.0);
(732296.4, 4052656.5, 66.2, 66.2, 0.0);	(732296.4, 4052681.5, 66.1, 66.1, 0.0);
(732296.4, 4052706.5, 66.1, 66.1, 0.0);	(732296.4, 4052731.5, 66.0, 66.0, 0.0);
(732296.4, 4052756.5, 65.9, 65.9, 0.0);	(732296.4, 4052781.5, 65.8, 65.8, 0.0);
(732296.4, 4052806.5, 65.7, 65.7, 0.0);	(732296.4, 4052831.5, 65.6, 65.6, 0.0);
(732296.4, 4052856.5, 65.5, 65.5, 0.0);	(732296.4, 4052881.5, 65.5, 65.5, 0.0);
(732296.4, 4052906.5, 65.4, 65.4, 0.0);	(732296.4, 4052931.5, 65.3, 65.3, 0.0);
(732296.4, 4052956.5, 65.2, 65.2, 0.0);	(732296.4, 4052981.5, 65.1, 65.1, 0.0);
(732296.4, 4053006.5, 65.1, 65.1, 0.0);	(732296.4, 4053031.5, 65.0, 65.0, 0.0);
(732296.4, 4053056.5, 64.9, 64.9, 0.0);	(732296.4, 4053081.5, 64.8, 64.8, 0.0);
(732296.4, 4053106.5, 64.8, 64.8, 0.0);	(732296.4, 4053131.5, 64.7, 64.7, 0.0);
(732296.4, 4053156.5, 64.6, 64.6, 0.0);	(732296.4, 4053181.5, 64.5, 64.5, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
 (METERS)

(732296.4, 4053206.5, 64.5, 64.5, 0.0);	(732296.4, 4053231.5, 64.4, 64.4, 0.0);
(732296.4, 4053981.5, 62.9, 62.9, 0.0);	(732296.4, 4054006.5, 62.8, 62.8, 0.0);
(732296.4, 4054031.5, 62.8, 62.8, 0.0);	(732296.4, 4054056.5, 62.8, 62.8, 0.0);
(732296.4, 4055206.5, 62.3, 62.3, 0.0);	(732296.4, 4055231.5, 62.3, 62.3, 0.0);
(732296.4, 4055256.5, 62.3, 62.3, 0.0);	(732296.4, 4055281.5, 62.3, 62.3, 0.0);
(732296.4, 4055306.5, 62.3, 62.3, 0.0);	(732296.4, 4055331.5, 62.3, 62.3, 0.0);
(732321.4, 4052331.5, 67.6, 67.6, 0.0);	(732321.4, 4052356.5, 67.5, 67.5, 0.0);
(732321.4, 4052381.5, 67.4, 67.4, 0.0);	(732321.4, 4052406.5, 67.3, 67.3, 0.0);
(732321.4, 4052431.5, 67.2, 67.2, 0.0);	(732321.4, 4052456.5, 67.0, 67.0, 0.0);
(732321.4, 4052481.5, 67.0, 67.0, 0.0);	(732321.4, 4052506.5, 66.8, 66.8, 0.0);
(732321.4, 4052531.5, 66.7, 66.7, 0.0);	(732321.4, 4052556.5, 66.6, 66.6, 0.0);
(732321.4, 4052581.5, 66.5, 66.5, 0.0);	(732321.4, 4052606.5, 66.4, 66.4, 0.0);
(732321.4, 4052631.5, 66.3, 66.3, 0.0);	(732321.4, 4052656.5, 66.2, 66.2, 0.0);
(732321.4, 4052681.5, 66.1, 66.1, 0.0);	(732321.4, 4052706.5, 66.0, 66.0, 0.0);
(732321.4, 4052731.5, 65.9, 65.9, 0.0);	(732321.4, 4052756.5, 65.8, 65.8, 0.0);
(732321.4, 4052781.5, 65.8, 65.8, 0.0);	(732321.4, 4052806.5, 65.7, 65.7, 0.0);
(732321.4, 4052831.5, 65.6, 65.6, 0.0);	(732321.4, 4052856.5, 65.5, 65.5, 0.0);
(732321.4, 4052881.5, 65.4, 65.4, 0.0);	(732321.4, 4052906.5, 65.3, 65.3, 0.0);
(732321.4, 4052931.5, 65.3, 65.3, 0.0);	(732321.4, 4052956.5, 65.2, 65.2, 0.0);
(732321.4, 4052981.5, 65.1, 65.1, 0.0);	(732321.4, 4053006.5, 65.0, 65.0, 0.0);
(732321.4, 4053031.5, 64.9, 64.9, 0.0);	(732321.4, 4053056.5, 64.8, 64.8, 0.0);
(732321.4, 4053081.5, 64.8, 64.8, 0.0);	(732321.4, 4053106.5, 64.7, 64.7, 0.0);
(732321.4, 4053131.5, 64.6, 64.6, 0.0);	(732321.4, 4053156.5, 64.6, 64.6, 0.0);
(732321.4, 4053181.5, 64.5, 64.5, 0.0);	(732321.4, 4053206.5, 64.4, 64.4, 0.0);
(732321.4, 4053231.5, 64.4, 64.4, 0.0);	(732321.4, 4053981.5, 62.8, 62.8, 0.0);
(732321.4, 4054006.5, 62.8, 62.8, 0.0);	(732321.4, 4054031.5, 62.8, 62.8, 0.0);
(732321.4, 4054056.5, 62.8, 62.8, 0.0);	(732321.4, 4055231.5, 62.2, 62.2, 0.0);
(732321.4, 4055256.5, 62.2, 62.2, 0.0);	(732321.4, 4055281.5, 62.2, 62.2, 0.0);
(732321.4, 4055306.5, 62.3, 62.3, 0.0);	(732321.4, 4055331.5, 62.3, 62.3, 0.0);
(732346.4, 4052331.5, 67.6, 67.6, 0.0);	(732346.4, 4052356.5, 67.5, 67.5, 0.0);
(732346.4, 4052381.5, 67.3, 67.3, 0.0);	(732346.4, 4052406.5, 67.2, 67.2, 0.0);
(732346.4, 4052431.5, 67.1, 67.1, 0.0);	(732346.4, 4052456.5, 67.0, 67.0, 0.0);

(732346.4, 4052481.5, 66.9, 66.9, 0.0); (732346.4, 4052506.5, 66.7, 66.7, 0.0);
(732346.4, 4052531.5, 66.6, 66.6, 0.0); (732346.4, 4052556.5, 66.5, 66.5, 0.0);
(732346.4, 4052581.5, 66.4, 66.4, 0.0); (732346.4, 4052606.5, 66.3, 66.3, 0.0);
(732346.4, 4052631.5, 66.2, 66.2, 0.0); (732346.4, 4052656.5, 66.1, 66.1, 0.0);
(732346.4, 4052681.5, 66.0, 66.0, 0.0); (732346.4, 4052706.5, 66.0, 66.0, 0.0);
(732346.4, 4052731.5, 65.9, 65.9, 0.0); (732346.4, 4052756.5, 65.8, 65.8, 0.0);
(732346.4, 4052781.5, 65.7, 65.7, 0.0); (732346.4, 4052806.5, 65.6, 65.6, 0.0);
(732346.4, 4052831.5, 65.5, 65.5, 0.0); (732346.4, 4052856.5, 65.4, 65.4, 0.0);
(732346.4, 4052881.5, 65.4, 65.4, 0.0); (732346.4, 4052906.5, 65.3, 65.3, 0.0);
(732346.4, 4052931.5, 65.2, 65.2, 0.0); (732346.4, 4052956.5, 65.1, 65.1, 0.0);
(732346.4, 4052981.5, 65.0, 65.0, 0.0); (732346.4, 4053006.5, 65.0, 65.0, 0.0);
(732346.4, 4053031.5, 64.9, 64.9, 0.0); (732346.4, 4053056.5, 64.8, 64.8, 0.0);
(732346.4, 4053081.5, 64.7, 64.7, 0.0); (732346.4, 4053106.5, 64.6, 64.6, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46 ***
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* PAGE 48

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732346.4, 4053131.5, 64.6, 64.6, 0.0); (732346.4, 4053156.5, 64.5, 64.5, 0.0);
(732346.4, 4053181.5, 64.5, 64.5, 0.0); (732346.4, 4053206.5, 64.4, 64.4, 0.0);
(732346.4, 4053231.5, 64.3, 64.3, 0.0); (732346.4, 4053981.5, 62.8, 62.8, 0.0);
(732346.4, 4054006.5, 62.8, 62.8, 0.0); (732346.4, 4054031.5, 62.8, 62.8, 0.0);
(732346.4, 4054056.5, 62.7, 62.7, 0.0); (732346.4, 4055231.5, 62.2, 62.2, 0.0);
(732346.4, 4055256.5, 62.2, 62.2, 0.0); (732346.4, 4055281.5, 62.2, 62.2, 0.0);
(732346.4, 4055306.5, 62.2, 62.2, 0.0); (732346.4, 4055331.5, 62.2, 62.2, 0.0);
(732371.4, 4052331.5, 67.5, 67.5, 0.0); (732371.4, 4052356.5, 67.4, 67.4, 0.0);
(732371.4, 4052381.5, 67.3, 67.3, 0.0); (732371.4, 4052406.5, 67.2, 67.2, 0.0);
(732371.4, 4052431.5, 67.0, 67.0, 0.0); (732371.4, 4052456.5, 66.9, 66.9, 0.0);
(732371.4, 4052481.5, 66.8, 66.8, 0.0); (732371.4, 4052506.5, 66.7, 66.7, 0.0);
(732371.4, 4052531.5, 66.6, 66.6, 0.0); (732371.4, 4052556.5, 66.5, 66.5, 0.0);
(732371.4, 4052581.5, 66.4, 66.4, 0.0); (732371.4, 4052606.5, 66.3, 66.3, 0.0);
(732371.4, 4052631.5, 66.2, 66.2, 0.0); (732371.4, 4052656.5, 66.1, 66.1, 0.0);
(732371.4, 4052681.5, 66.0, 66.0, 0.0); (732371.4, 4052706.5, 65.9, 65.9, 0.0);
(732371.4, 4052731.5, 65.8, 65.8, 0.0); (732371.4, 4052756.5, 65.7, 65.7, 0.0);
(732371.4, 4052781.5, 65.6, 65.6, 0.0); (732371.4, 4052806.5, 65.6, 65.6, 0.0);
(732371.4, 4052831.5, 65.5, 65.5, 0.0); (732371.4, 4052856.5, 65.4, 65.4, 0.0);
(732371.4, 4052881.5, 65.3, 65.3, 0.0); (732371.4, 4052906.5, 65.2, 65.2, 0.0);
(732371.4, 4052931.5, 65.2, 65.2, 0.0); (732371.4, 4052956.5, 65.1, 65.1, 0.0);
(732371.4, 4052981.5, 65.0, 65.0, 0.0); (732371.4, 4053006.5, 64.9, 64.9, 0.0);
(732371.4, 4053031.5, 64.8, 64.8, 0.0); (732371.4, 4053056.5, 64.8, 64.8, 0.0);
(732371.4, 4053081.5, 64.7, 64.7, 0.0); (732371.4, 4053106.5, 64.6, 64.6, 0.0);
(732371.4, 4053131.5, 64.5, 64.5, 0.0); (732371.4, 4053156.5, 64.5, 64.5, 0.0);
(732371.4, 4053181.5, 64.4, 64.4, 0.0); (732371.4, 4053206.5, 64.3, 64.3, 0.0);
(732371.4, 4053231.5, 64.3, 64.3, 0.0); (732371.4, 4053981.5, 62.8, 62.8, 0.0);
(732371.4, 4054006.5, 62.7, 62.7, 0.0); (732371.4, 4054031.5, 62.7, 62.7, 0.0);
(732371.4, 4054056.5, 62.7, 62.7, 0.0); (732371.4, 4055231.5, 62.1, 62.1, 0.0);
(732371.4, 4055256.5, 62.2, 62.2, 0.0); (732371.4, 4055281.5, 62.2, 62.2, 0.0);
(732371.4, 4055306.5, 62.2, 62.2, 0.0); (732371.4, 4055331.5, 62.2, 62.2, 0.0);
(732396.4, 4052331.5, 67.5, 67.5, 0.0); (732396.4, 4052356.5, 67.3, 67.3, 0.0);
(732396.4, 4052381.5, 67.2, 67.2, 0.0); (732396.4, 4052406.5, 67.1, 67.1, 0.0);
(732396.4, 4052431.5, 67.0, 67.0, 0.0); (732396.4, 4052456.5, 66.8, 66.8, 0.0);
(732396.4, 4052481.5, 66.8, 66.8, 0.0); (732396.4, 4052506.5, 66.6, 66.6, 0.0);
(732396.4, 4052531.5, 66.5, 66.5, 0.0); (732396.4, 4052556.5, 66.4, 66.4, 0.0);
(732396.4, 4052581.5, 66.3, 66.3, 0.0); (732396.4, 4052606.5, 66.2, 66.2, 0.0);
(732396.4, 4052631.5, 66.1, 66.1, 0.0); (732396.4, 4052656.5, 66.0, 66.0, 0.0);
(732396.4, 4052681.5, 66.0, 66.0, 0.0); (732396.4, 4052706.5, 65.9, 65.9, 0.0);
(732396.4, 4052731.5, 65.8, 65.8, 0.0); (732396.4, 4052756.5, 65.7, 65.7, 0.0);
(732396.4, 4052781.5, 65.6, 65.6, 0.0); (732396.4, 4052806.5, 65.5, 65.5, 0.0);
(732396.4, 4052831.5, 65.5, 65.5, 0.0); (732396.4, 4052856.5, 65.3, 65.3, 0.0);
(732396.4, 4052881.5, 65.3, 65.3, 0.0); (732396.4, 4052906.5, 65.2, 65.2, 0.0);
(732396.4, 4052931.5, 65.1, 65.1, 0.0); (732396.4, 4052956.5, 65.0, 65.0, 0.0);
(732396.4, 4052981.5, 65.0, 65.0, 0.0); (732396.4, 4053006.5, 64.9, 64.9, 0.0);
(732396.4, 4053031.5, 64.8, 64.8, 0.0); (732396.4, 4053056.5, 64.7, 64.7, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732396.4, 4053081.5, 64.6, 64.6, 0.0); (732396.4, 4053106.5, 64.5, 64.5, 0.0);
(732396.4, 4053131.5, 64.5, 64.5, 0.0); (732396.4, 4053156.5, 64.4, 64.4, 0.0);
(732396.4, 4053181.5, 64.4, 64.4, 0.0); (732396.4, 4053206.5, 64.3, 64.3, 0.0);
(732396.4, 4053231.5, 64.2, 64.2, 0.0); (732396.4, 4053981.5, 62.7, 62.7, 0.0);
(732396.4, 4054006.5, 62.7, 62.7, 0.0); (732396.4, 4054031.5, 62.7, 62.7, 0.0);
(732396.4, 4054056.5, 62.7, 62.7, 0.0); (732396.4, 4055231.5, 62.1, 62.1, 0.0);
(732396.4, 4055256.5, 62.1, 62.1, 0.0); (732396.4, 4055281.5, 62.1, 62.1, 0.0);
(732396.4, 4055306.5, 62.1, 62.1, 0.0); (732396.4, 4055331.5, 62.1, 62.1, 0.0);
(732421.4, 4052331.5, 67.3, 67.3, 0.0); (732421.4, 4052356.5, 67.2, 67.2, 0.0);
(732421.4, 4052381.5, 67.1, 67.1, 0.0); (732421.4, 4052406.5, 67.0, 67.0, 0.0);
(732421.4, 4052431.5, 66.9, 66.9, 0.0); (732421.4, 4052456.5, 66.8, 66.8, 0.0);
(732421.4, 4052481.5, 66.7, 66.7, 0.0); (732421.4, 4052506.5, 66.6, 66.6, 0.0);
(732421.4, 4052531.5, 66.5, 66.5, 0.0); (732421.4, 4052556.5, 66.4, 66.4, 0.0);
(732421.4, 4052581.5, 66.3, 66.3, 0.0); (732421.4, 4052606.5, 66.2, 66.2, 0.0);
(732421.4, 4052631.5, 66.1, 66.1, 0.0); (732421.4, 4052656.5, 66.0, 66.0, 0.0);
(732421.4, 4052681.5, 65.9, 65.9, 0.0); (732421.4, 4052706.5, 65.8, 65.8, 0.0);
(732421.4, 4052731.5, 65.7, 65.7, 0.0); (732421.4, 4052756.5, 65.6, 65.6, 0.0);
(732421.4, 4052781.5, 65.6, 65.6, 0.0); (732421.4, 4052806.5, 65.5, 65.5, 0.0);
(732421.4, 4052831.5, 65.4, 65.4, 0.0); (732421.4, 4052856.5, 65.3, 65.3, 0.0);
(732421.4, 4052881.5, 65.2, 65.2, 0.0); (732421.4, 4052906.5, 65.1, 65.1, 0.0);
(732421.4, 4052931.5, 65.1, 65.1, 0.0); (732421.4, 4052956.5, 65.0, 65.0, 0.0);
(732421.4, 4052981.5, 64.9, 64.9, 0.0); (732421.4, 4053006.5, 64.8, 64.8, 0.0);
(732421.4, 4053031.5, 64.7, 64.7, 0.0); (732421.4, 4053056.5, 64.7, 64.7, 0.0);
(732421.4, 4053081.5, 64.6, 64.6, 0.0); (732421.4, 4053106.5, 64.5, 64.5, 0.0);
(732421.4, 4053131.5, 64.5, 64.5, 0.0); (732421.4, 4053156.5, 64.4, 64.4, 0.0);
(732421.4, 4053181.5, 64.3, 64.3, 0.0); (732421.4, 4053206.5, 64.2, 64.2, 0.0);
(732421.4, 4053231.5, 64.2, 64.2, 0.0); (732421.4, 4053981.5, 62.7, 62.7, 0.0);
(732421.4, 4054006.5, 62.7, 62.7, 0.0); (732421.4, 4054031.5, 62.7, 62.7, 0.0);
(732421.4, 4054056.5, 62.6, 62.6, 0.0); (732421.4, 4055231.5, 62.1, 62.1, 0.0);
(732421.4, 4055256.5, 62.1, 62.1, 0.0); (732421.4, 4055281.5, 62.1, 62.1, 0.0);
(732421.4, 4055306.5, 62.1, 62.1, 0.0); (732421.4, 4055331.5, 62.1, 62.1, 0.0);
(732446.4, 4052331.5, 67.3, 67.3, 0.0); (732446.4, 4052356.5, 67.2, 67.2, 0.0);
(732446.4, 4052381.5, 67.1, 67.1, 0.0); (732446.4, 4052406.5, 67.0, 67.0, 0.0);
(732446.4, 4052431.5, 66.8, 66.8, 0.0); (732446.4, 4052456.5, 66.7, 66.7, 0.0);
(732446.4, 4052481.5, 66.6, 66.6, 0.0); (732446.4, 4052506.5, 66.5, 66.5, 0.0);
(732446.4, 4052531.5, 66.4, 66.4, 0.0); (732446.4, 4052556.5, 66.3, 66.3, 0.0);
(732446.4, 4052581.5, 66.2, 66.2, 0.0); (732446.4, 4052606.5, 66.1, 66.1, 0.0);
(732446.4, 4052631.5, 66.0, 66.0, 0.0); (732446.4, 4052656.5, 66.0, 66.0, 0.0);
(732446.4, 4052681.5, 65.9, 65.9, 0.0); (732446.4, 4052706.5, 65.8, 65.8, 0.0);

(732446.4, 4052731.5, 65.7, 65.7, 0.0); (732446.4, 4052756.5, 65.6, 65.6, 0.0);
(732446.4, 4052781.5, 65.5, 65.5, 0.0); (732446.4, 4052806.5, 65.4, 65.4, 0.0);
(732446.4, 4052831.5, 65.3, 65.3, 0.0); (732446.4, 4052856.5, 65.3, 65.3, 0.0);
(732446.4, 4052881.5, 65.2, 65.2, 0.0); (732446.4, 4052906.5, 65.1, 65.1, 0.0);
(732446.4, 4052931.5, 65.0, 65.0, 0.0); (732446.4, 4052956.5, 65.0, 65.0, 0.0);
(732446.4, 4052981.5, 64.8, 64.8, 0.0); (732446.4, 4053006.5, 64.8, 64.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732446.4, 4053031.5, 64.7, 64.7, 0.0); (732446.4, 4053056.5, 64.6, 64.6, 0.0);
(732446.4, 4053081.5, 64.5, 64.5, 0.0); (732446.4, 4053106.5, 64.5, 64.5, 0.0);
(732446.4, 4053131.5, 64.4, 64.4, 0.0); (732446.4, 4053156.5, 64.3, 64.3, 0.0);
(732446.4, 4053181.5, 64.3, 64.3, 0.0); (732446.4, 4053206.5, 64.2, 64.2, 0.0);
(732446.4, 4053231.5, 64.1, 64.1, 0.0); (732446.4, 4053256.5, 62.7, 62.7, 0.0);
(732446.4, 4054006.5, 62.6, 62.6, 0.0); (732446.4, 4054031.5, 62.6, 62.6, 0.0);
(732446.4, 4054056.5, 62.6, 62.6, 0.0); (732446.4, 4055231.5, 62.0, 62.0, 0.0);
(732446.4, 4055256.5, 62.0, 62.0, 0.0); (732446.4, 4055281.5, 62.0, 62.0, 0.0);
(732446.4, 4055306.5, 62.0, 62.0, 0.0); (732446.4, 4055331.5, 62.0, 62.0, 0.0);
(732471.4, 4052331.5, 67.2, 67.2, 0.0); (732471.4, 4052356.5, 67.1, 67.1, 0.0);
(732471.4, 4052381.5, 67.0, 67.0, 0.0); (732471.4, 4052406.5, 66.9, 66.9, 0.0);
(732471.4, 4052431.5, 66.8, 66.8, 0.0); (732471.4, 4052456.5, 66.7, 66.7, 0.0);
(732471.4, 4052481.5, 66.6, 66.6, 0.0); (732471.4, 4052506.5, 66.5, 66.5, 0.0);
(732471.4, 4052531.5, 66.4, 66.4, 0.0); (732471.4, 4052556.5, 66.3, 66.3, 0.0);
(732471.4, 4052581.5, 66.2, 66.2, 0.0); (732471.4, 4052606.5, 66.1, 66.1, 0.0);
(732471.4, 4052631.5, 66.0, 66.0, 0.0); (732471.4, 4052656.5, 65.9, 65.9, 0.0);
(732471.4, 4052681.5, 65.8, 65.8, 0.0); (732471.4, 4052706.5, 65.7, 65.7, 0.0);
(732471.4, 4052731.5, 65.7, 65.7, 0.0); (732471.4, 4052756.5, 65.5, 65.5, 0.0);
(732471.4, 4052781.5, 65.5, 65.5, 0.0); (732471.4, 4052806.5, 65.4, 65.4, 0.0);
(732471.4, 4052831.5, 65.3, 65.3, 0.0); (732471.4, 4052856.5, 65.2, 65.2, 0.0);
(732471.4, 4052881.5, 65.1, 65.1, 0.0); (732471.4, 4052906.5, 65.1, 65.1, 0.0);
(732471.4, 4052931.5, 65.0, 65.0, 0.0); (732471.4, 4052956.5, 64.9, 64.9, 0.0);
(732471.4, 4052981.5, 64.8, 64.8, 0.0); (732471.4, 4053006.5, 64.7, 64.7, 0.0);
(732471.4, 4053031.5, 64.6, 64.6, 0.0); (732471.4, 4053056.5, 64.6, 64.6, 0.0);
(732471.4, 4053081.5, 64.5, 64.5, 0.0); (732471.4, 4053106.5, 64.4, 64.4, 0.0);
(732471.4, 4053131.5, 64.4, 64.4, 0.0); (732471.4, 4053156.5, 64.3, 64.3, 0.0);
(732471.4, 4053181.5, 64.2, 64.2, 0.0); (732471.4, 4053206.5, 64.1, 64.1, 0.0);
(732471.4, 4053231.5, 64.1, 64.1, 0.0); (732471.4, 4053256.5, 62.6, 62.6, 0.0);
(732471.4, 4054006.5, 62.6, 62.6, 0.0); (732471.4, 4054031.5, 62.6, 62.6, 0.0);
(732471.4, 4054056.5, 62.6, 62.6, 0.0); (732471.4, 4055231.5, 62.0, 62.0, 0.0);
(732471.4, 4055256.5, 62.0, 62.0, 0.0); (732471.4, 4055281.5, 62.0, 62.0, 0.0);
(732471.4, 4055306.5, 62.0, 62.0, 0.0); (732471.4, 4055331.5, 62.0, 62.0, 0.0);
(732496.4, 4052331.5, 67.1, 67.1, 0.0); (732496.4, 4052356.5, 67.0, 67.0, 0.0);
(732496.4, 4052381.5, 66.9, 66.9, 0.0); (732496.4, 4052406.5, 66.8, 66.8, 0.0);
(732496.4, 4052431.5, 66.7, 66.7, 0.0); (732496.4, 4052456.5, 66.6, 66.6, 0.0);
(732496.4, 4052481.5, 66.5, 66.5, 0.0); (732496.4, 4052506.5, 66.4, 66.4, 0.0);
(732496.4, 4052531.5, 66.3, 66.3, 0.0); (732496.4, 4052556.5, 66.2, 66.2, 0.0);
(732496.4, 4052581.5, 66.1, 66.1, 0.0); (732496.4, 4052606.5, 66.0, 66.0, 0.0);
(732496.4, 4052631.5, 66.0, 66.0, 0.0); (732496.4, 4052656.5, 65.8, 65.8, 0.0);
(732496.4, 4052681.5, 65.8, 65.8, 0.0); (732496.4, 4052706.5, 65.7, 65.7, 0.0);
(732496.4, 4052731.5, 65.6, 65.6, 0.0); (732496.4, 4052756.5, 65.5, 65.5, 0.0);
(732496.4, 4052781.5, 65.4, 65.4, 0.0); (732496.4, 4052806.5, 65.3, 65.3, 0.0);
(732496.4, 4052831.5, 65.3, 65.3, 0.0); (732496.4, 4052856.5, 65.2, 65.2, 0.0);
(732496.4, 4052881.5, 65.1, 65.1, 0.0); (732496.4, 4052906.5, 65.0, 65.0, 0.0);
(732496.4, 4052931.5, 64.9, 64.9, 0.0); (732496.4, 4052956.5, 64.8, 64.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732496.4, 4052981.5, 64.8, 64.8, 0.0); (732496.4, 4053006.5, 64.7, 64.7, 0.0);
(732496.4, 4053031.5, 64.6, 64.6, 0.0); (732496.4, 4053056.5, 64.5, 64.5, 0.0);
(732496.4, 4053081.5, 64.4, 64.4, 0.0); (732496.4, 4053106.5, 64.4, 64.4, 0.0);
(732496.4, 4053131.5, 64.3, 64.3, 0.0); (732496.4, 4053156.5, 64.2, 64.2, 0.0);
(732496.4, 4053181.5, 64.2, 64.2, 0.0); (732496.4, 4053206.5, 64.1, 64.1, 0.0);
(732496.4, 4053231.5, 64.0, 64.0, 0.0); (732496.4, 4053256.5, 62.6, 62.6, 0.0);
(732496.4, 4054006.5, 62.6, 62.6, 0.0); (732496.4, 4054031.5, 62.6, 62.6, 0.0);
(732496.4, 4054056.5, 62.5, 62.5, 0.0); (732496.4, 4054081.5, 62.5, 62.5, 0.0);
(732496.4, 4055231.5, 61.9, 61.9, 0.0); (732496.4, 4055256.5, 61.9, 61.9, 0.0);
(732496.4, 4055281.5, 61.9, 61.9, 0.0); (732496.4, 4055306.5, 61.9, 61.9, 0.0);
(732496.4, 4055331.5, 61.9, 61.9, 0.0); (732521.4, 4052331.5, 67.1, 67.1, 0.0);
(732521.4, 4052356.5, 67.0, 67.0, 0.0); (732521.4, 4052381.5, 66.9, 66.9, 0.0);
(732521.4, 4052406.5, 66.8, 66.8, 0.0); (732521.4, 4052431.5, 66.6, 66.6, 0.0);
(732521.4, 4052456.5, 66.5, 66.5, 0.0); (732521.4, 4052481.5, 66.4, 66.4, 0.0);
(732521.4, 4052506.5, 66.3, 66.3, 0.0); (732521.4, 4052531.5, 66.2, 66.2, 0.0);
(732521.4, 4052556.5, 66.1, 66.1, 0.0); (732521.4, 4052581.5, 66.1, 66.1, 0.0);
(732521.4, 4052606.5, 66.0, 66.0, 0.0); (732521.4, 4052631.5, 65.9, 65.9, 0.0);
(732521.4, 4052656.5, 65.8, 65.8, 0.0); (732521.4, 4052681.5, 65.7, 65.7, 0.0);
(732521.4, 4052706.5, 65.6, 65.6, 0.0); (732521.4, 4052731.5, 65.6, 65.6, 0.0);
(732521.4, 4052756.5, 65.5, 65.5, 0.0); (732521.4, 4052781.5, 65.4, 65.4, 0.0);
(732521.4, 4052806.5, 65.3, 65.3, 0.0); (732521.4, 4052831.5, 65.2, 65.2, 0.0);
(732521.4, 4052856.5, 65.1, 65.1, 0.0); (732521.4, 4052881.5, 65.0, 65.0, 0.0);
(732521.4, 4052906.5, 65.0, 65.0, 0.0); (732521.4, 4052931.5, 64.9, 64.9, 0.0);
(732521.4, 4052956.5, 64.8, 64.8, 0.0); (732521.4, 4052981.5, 64.7, 64.7, 0.0);
(732521.4, 4053006.5, 64.6, 64.6, 0.0); (732521.4, 4053031.5, 64.5, 64.5, 0.0);
(732521.4, 4053056.5, 64.5, 64.5, 0.0); (732521.4, 4053081.5, 64.4, 64.4, 0.0);
(732521.4, 4053106.5, 64.3, 64.3, 0.0); (732521.4, 4053131.5, 64.3, 64.3, 0.0);
(732521.4, 4053156.5, 64.2, 64.2, 0.0); (732521.4, 4053181.5, 64.1, 64.1, 0.0);
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(732521.4, 4053256.5, 62.6, 62.6, 0.0); (732521.4, 4054006.5, 62.5, 62.5, 0.0);
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(732521.4, 4055256.5, 61.9, 61.9, 0.0); (732521.4, 4055281.5, 61.9, 61.9, 0.0);
(732521.4, 4055306.5, 61.9, 61.9, 0.0); (732521.4, 4055331.5, 61.9, 61.9, 0.0);
(732546.4, 4052331.5, 67.0, 67.0, 0.0); (732546.4, 4052356.5, 66.9, 66.9, 0.0);
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(732546.4, 4052531.5, 66.2, 66.2, 0.0); (732546.4, 4052556.5, 66.1, 66.1, 0.0);
(732546.4, 4052581.5, 66.0, 66.0, 0.0); (732546.4, 4052606.5, 65.9, 65.9, 0.0);
(732546.4, 4052631.5, 65.8, 65.8, 0.0); (732546.4, 4052656.5, 65.8, 65.8, 0.0);
(732546.4, 4052681.5, 65.7, 65.7, 0.0); (732546.4, 4052706.5, 65.6, 65.6, 0.0);
(732546.4, 4052731.5, 65.5, 65.5, 0.0); (732546.4, 4052756.5, 65.4, 65.4, 0.0);
(732546.4, 4052781.5, 65.3, 65.3, 0.0); (732546.4, 4052806.5, 65.2, 65.2, 0.0);
(732546.4, 4052831.5, 65.2, 65.2, 0.0); (732546.4, 4052856.5, 65.1, 65.1, 0.0);

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732646.4, 4052756.5, 65.2, 65.2, 0.0);	(732646.4, 4052781.5, 65.1, 65.1, 0.0);
(732646.4, 4052806.5, 65.0, 65.0, 0.0);	(732646.4, 4052831.5, 65.0, 65.0, 0.0);
(732646.4, 4052856.5, 64.9, 64.9, 0.0);	(732646.4, 4052881.5, 64.8, 64.8, 0.0);
(732646.4, 4052906.5, 64.7, 64.7, 0.0);	(732646.4, 4052931.5, 64.6, 64.6, 0.0);
(732646.4, 4052956.5, 64.5, 64.5, 0.0);	(732646.4, 4052981.5, 64.5, 64.5, 0.0);
(732646.4, 4053006.5, 64.4, 64.4, 0.0);	(732646.4, 4053031.5, 64.3, 64.3, 0.0);
(732646.4, 4053056.5, 64.2, 64.2, 0.0);	(732646.4, 4053081.5, 64.2, 64.2, 0.0);
(732646.4, 4053106.5, 64.1, 64.1, 0.0);	(732646.4, 4053131.5, 64.0, 64.0, 0.0);
(732646.4, 4053156.5, 63.9, 63.9, 0.0);	(732646.4, 4053181.5, 63.9, 63.9, 0.0);
(732646.4, 4053206.5, 63.8, 63.8, 0.0);	(732646.4, 4053231.5, 63.7, 63.7, 0.0);
(732646.4, 4054006.5, 62.4, 62.4, 0.0);	(732646.4, 4054031.5, 62.4, 62.4, 0.0);
(732646.4, 4054056.5, 62.3, 62.3, 0.0);	(732646.4, 4054081.5, 62.3, 62.3, 0.0);
(732646.4, 4055231.5, 61.7, 61.7, 0.0);	(732646.4, 4055256.5, 61.7, 61.7, 0.0);
(732646.4, 4055281.5, 61.7, 61.7, 0.0);	(732646.4, 4055306.5, 61.7, 61.7, 0.0);
(732646.4, 4055331.5, 61.7, 61.7, 0.0);	(732671.4, 4052331.5, 66.7, 66.7, 0.0);
(732671.4, 4052356.5, 66.6, 66.6, 0.0);	(732671.4, 4052381.5, 66.5, 66.5, 0.0);
(732671.4, 4052406.5, 66.4, 66.4, 0.0);	(732671.4, 4052431.5, 66.3, 66.3, 0.0);
(732671.4, 4052456.5, 66.2, 66.2, 0.0);	(732671.4, 4052481.5, 66.1, 66.1, 0.0);
(732671.4, 4052506.5, 66.0, 66.0, 0.0);	(732671.4, 4052531.5, 65.9, 65.9, 0.0);
(732671.4, 4052556.5, 65.8, 65.8, 0.0);	(732671.4, 4052581.5, 65.8, 65.8, 0.0);
(732671.4, 4052606.5, 65.7, 65.7, 0.0);	(732671.4, 4052631.5, 65.6, 65.6, 0.0);
(732671.4, 4052656.5, 65.5, 65.5, 0.0);	(732671.4, 4052681.5, 65.4, 65.4, 0.0);
(732671.4, 4052706.5, 65.3, 65.3, 0.0);	(732671.4, 4052731.5, 65.2, 65.2, 0.0);
(732671.4, 4052756.5, 65.2, 65.2, 0.0);	(732671.4, 4052781.5, 65.1, 65.1, 0.0);
(732671.4, 4052806.5, 65.0, 65.0, 0.0);	(732671.4, 4052831.5, 64.9, 64.9, 0.0);
(732671.4, 4052856.5, 64.8, 64.8, 0.0);	(732671.4, 4052881.5, 64.8, 64.8, 0.0);
(732671.4, 4052906.5, 64.7, 64.7, 0.0);	(732671.4, 4052931.5, 64.6, 64.6, 0.0);
(732671.4, 4052956.5, 64.5, 64.5, 0.0);	(732671.4, 4052981.5, 64.4, 64.4, 0.0);
(732671.4, 4053006.5, 64.3, 64.3, 0.0);	(732671.4, 4053031.5, 64.2, 64.2, 0.0);
(732671.4, 4053056.5, 64.2, 64.2, 0.0);	(732671.4, 4053081.5, 64.1, 64.1, 0.0);
(732671.4, 4053106.5, 64.0, 64.0, 0.0);	(732671.4, 4053131.5, 63.9, 63.9, 0.0);
(732671.4, 4053156.5, 63.9, 63.9, 0.0);	(732671.4, 4053181.5, 63.8, 63.8, 0.0);
(732671.4, 4053206.5, 63.7, 63.7, 0.0);	(732671.4, 4053231.5, 63.6, 63.6, 0.0);
(732671.4, 4054006.5, 62.4, 62.4, 0.0);	(732671.4, 4054031.5, 62.3, 62.3, 0.0);
(732671.4, 4054056.5, 62.3, 62.3, 0.0);	(732671.4, 4054081.5, 62.3, 62.3, 0.0);
(732671.4, 4055231.5, 61.6, 61.6, 0.0);	(732671.4, 4055256.5, 61.6, 61.6, 0.0);
(732671.4, 4055281.5, 61.6, 61.6, 0.0);	(732671.4, 4055306.5, 61.6, 61.6, 0.0);
(732671.4, 4055331.5, 61.6, 61.6, 0.0);	(732696.4, 4052331.5, 66.6, 66.6, 0.0);
(732696.4, 4052356.5, 66.5, 66.5, 0.0);	(732696.4, 4052381.5, 66.4, 66.4, 0.0);
(732696.4, 4052406.5, 66.3, 66.3, 0.0);	(732696.4, 4052431.5, 66.2, 66.2, 0.0);
(732696.4, 4052456.5, 66.1, 66.1, 0.0);	(732696.4, 4052481.5, 66.0, 66.0, 0.0);
(732696.4, 4052506.5, 65.9, 65.9, 0.0);	(732696.4, 4052531.5, 65.9, 65.9, 0.0);
(732696.4, 4052556.5, 65.8, 65.8, 0.0);	(732696.4, 4052581.5, 65.7, 65.7, 0.0);
(732696.4, 4052606.5, 65.6, 65.6, 0.0);	(732696.4, 4052631.5, 65.5, 65.5, 0.0);
(732696.4, 4052656.5, 65.4, 65.4, 0.0);	(732696.4, 4052681.5, 65.3, 65.3, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732696.4, 4052706.5, 65.3, 65.3, 0.0);	(732696.4, 4052731.5, 65.2, 65.2, 0.0);
(732696.4, 4052756.5, 65.1, 65.1, 0.0);	(732696.4, 4052781.5, 65.0, 65.0, 0.0);
(732696.4, 4052806.5, 65.0, 65.0, 0.0);	(732696.4, 4052831.5, 64.9, 64.9, 0.0);
(732696.4, 4052856.5, 64.8, 64.8, 0.0);	(732696.4, 4052881.5, 64.7, 64.7, 0.0);
(732696.4, 4052906.5, 64.6, 64.6, 0.0);	(732696.4, 4052931.5, 64.5, 64.5, 0.0);
(732696.4, 4052956.5, 64.5, 64.5, 0.0);	(732696.4, 4052981.5, 64.4, 64.4, 0.0);
(732696.4, 4053006.5, 64.3, 64.3, 0.0);	(732696.4, 4053031.5, 64.2, 64.2, 0.0);
(732696.4, 4053056.5, 64.1, 64.1, 0.0);	(732696.4, 4053081.5, 64.1, 64.1, 0.0);
(732696.4, 4053106.5, 64.0, 64.0, 0.0);	(732696.4, 4053131.5, 63.9, 63.9, 0.0);
(732696.4, 4053156.5, 63.8, 63.8, 0.0);	(732696.4, 4053181.5, 63.8, 63.8, 0.0);
(732696.4, 4053206.5, 63.7, 63.7, 0.0);	(732696.4, 4053231.5, 63.6, 63.6, 0.0);
(732696.4, 4054006.5, 62.3, 62.3, 0.0);	(732696.4, 4054031.5, 62.3, 62.3, 0.0);
(732696.4, 4054056.5, 62.3, 62.3, 0.0);	(732696.4, 4054081.5, 62.2, 62.2, 0.0);
(732696.4, 4055231.5, 61.6, 61.6, 0.0);	(732696.4, 4055256.5, 61.6, 61.6, 0.0);
(732696.4, 4055281.5, 61.6, 61.6, 0.0);	(732696.4, 4055306.5, 61.6, 61.6, 0.0);
(732696.4, 4055331.5, 61.6, 61.6, 0.0);	(732721.4, 4052331.5, 66.5, 66.5, 0.0);
(732721.4, 4052356.5, 66.4, 66.4, 0.0);	(732721.4, 4052381.5, 66.3, 66.3, 0.0);
(732721.4, 4052406.5, 66.2, 66.2, 0.0);	(732721.4, 4052431.5, 66.1, 66.1, 0.0);
(732721.4, 4052456.5, 66.0, 66.0, 0.0);	(732721.4, 4052481.5, 66.0, 66.0, 0.0);
(732721.4, 4052506.5, 65.9, 65.9, 0.0);	(732721.4, 4052531.5, 65.8, 65.8, 0.0);
(732721.4, 4052556.5, 65.7, 65.7, 0.0);	(732721.4, 4052581.5, 65.6, 65.6, 0.0);
(732721.4, 4052606.5, 65.5, 65.5, 0.0);	(732721.4, 4052631.5, 65.5, 65.5, 0.0);
(732721.4, 4052656.5, 65.4, 65.4, 0.0);	(732721.4, 4052681.5, 65.3, 65.3, 0.0);
(732721.4, 4052706.5, 65.2, 65.2, 0.0);	(732721.4, 4052731.5, 65.1, 65.1, 0.0);
(732721.4, 4052756.5, 65.0, 65.0, 0.0);	(732721.4, 4052781.5, 65.0, 65.0, 0.0);
(732721.4, 4052806.5, 64.9, 64.9, 0.0);	(732721.4, 4052831.5, 64.8, 64.8, 0.0);
(732721.4, 4052856.5, 64.7, 64.7, 0.0);	(732721.4, 4052881.5, 64.6, 64.6, 0.0);
(732721.4, 4052906.5, 64.5, 64.5, 0.0);	(732721.4, 4052931.5, 64.5, 64.5, 0.0);
(732721.4, 4052956.5, 64.4, 64.4, 0.0);	(732721.4, 4052981.5, 64.3, 64.3, 0.0);
(732721.4, 4053006.5, 64.2, 64.2, 0.0);	(732721.4, 4053031.5, 64.1, 64.1, 0.0);
(732721.4, 4053056.5, 64.1, 64.1, 0.0);	(732721.4, 4053081.5, 64.0, 64.0, 0.0);
(732721.4, 4053106.5, 63.9, 63.9, 0.0);	(732721.4, 4053131.5, 63.8, 63.8, 0.0);
(732721.4, 4053156.5, 63.8, 63.8, 0.0);	(732721.4, 4053181.5, 63.7, 63.7, 0.0);
(732721.4, 4053206.5, 63.6, 63.6, 0.0);	(732721.4, 4053231.5, 63.6, 63.6, 0.0);
(732721.4, 4054006.5, 62.3, 62.3, 0.0);	(732721.4, 4054031.5, 62.3, 62.3, 0.0);
(732721.4, 4054056.5, 62.2, 62.2, 0.0);	(732721.4, 4054081.5, 62.2, 62.2, 0.0);
(732721.4, 4055231.5, 61.5, 61.5, 0.0);	(732721.4, 4055256.5, 61.6, 61.6, 0.0);
(732721.4, 4055281.5, 61.6, 61.6, 0.0);	(732721.4, 4055306.5, 61.6, 61.6, 0.0);
(732721.4, 4055331.5, 61.6, 61.6, 0.0);	(732746.4, 4052331.5, 66.4, 66.4, 0.0);
(732746.4, 4052356.5, 66.3, 66.3, 0.0);	(732746.4, 4052381.5, 66.3, 66.3, 0.0);
(732746.4, 4052406.5, 66.1, 66.1, 0.0);	(732746.4, 4052431.5, 66.1, 66.1, 0.0);
(732746.4, 4052456.5, 66.0, 66.0, 0.0);	(732746.4, 4052481.5, 65.9, 65.9, 0.0);
(732746.4, 4052506.5, 65.8, 65.8, 0.0);	(732746.4, 4052531.5, 65.7, 65.7, 0.0);
(732746.4, 4052556.5, 65.7, 65.7, 0.0);	(732746.4, 4052581.5, 65.6, 65.6, 0.0);
(732746.4, 4052606.5, 65.5, 65.5, 0.0);	(732746.4, 4052631.5, 65.4, 65.4, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732746.4, 4052656.5, 65.3, 65.3, 0.0);	(732746.4, 4052681.5, 65.2, 65.2, 0.0);
(732746.4, 4052706.5, 65.1, 65.1, 0.0);	(732746.4, 4052731.5, 65.1, 65.1, 0.0);
(732746.4, 4052756.5, 65.0, 65.0, 0.0);	(732746.4, 4052781.5, 64.9, 64.9, 0.0);
(732746.4, 4052806.5, 64.8, 64.8, 0.0);	(732746.4, 4052831.5, 64.8, 64.8, 0.0);

(732746.4, 4052856.5, 64.6, 64.6, 0.0); (732746.4, 4052881.5, 64.6, 64.6, 0.0);
(732746.4, 4052906.5, 64.5, 64.5, 0.0); (732746.4, 4052931.5, 64.4, 64.4, 0.0);
(732746.4, 4052956.5, 64.3, 64.3, 0.0); (732746.4, 4052981.5, 64.3, 64.3, 0.0);
(732746.4, 4053006.5, 64.2, 64.2, 0.0); (732746.4, 4053031.5, 64.1, 64.1, 0.0);
(732746.4, 4053056.5, 64.0, 64.0, 0.0); (732746.4, 4053081.5, 63.9, 63.9, 0.0);
(732746.4, 4053106.5, 63.9, 63.9, 0.0); (732746.4, 4053131.5, 63.8, 63.8, 0.0);
(732746.4, 4053156.5, 63.7, 63.7, 0.0); (732746.4, 4053181.5, 63.6, 63.6, 0.0);
(732746.4, 4053206.5, 63.6, 63.6, 0.0); (732746.4, 4053231.5, 63.5, 63.5, 0.0);
(732746.4, 4054006.5, 62.3, 62.3, 0.0); (732746.4, 4054031.5, 62.2, 62.2, 0.0);
(732746.4, 4054056.5, 62.2, 62.2, 0.0); (732746.4, 4054081.5, 62.2, 62.2, 0.0);
(732746.4, 4055231.5, 61.5, 61.5, 0.0); (732746.4, 4055256.5, 61.5, 61.5, 0.0);
(732746.4, 4055281.5, 61.5, 61.5, 0.0); (732746.4, 4055306.5, 61.5, 61.5, 0.0);
(732746.4, 4055331.5, 61.5, 61.5, 0.0); (732771.4, 4052331.5, 66.4, 66.4, 0.0);
(732771.4, 4052356.5, 66.3, 66.3, 0.0); (732771.4, 4052381.5, 66.2, 66.2, 0.0);
(732771.4, 4052406.5, 66.1, 66.1, 0.0); (732771.4, 4052431.5, 66.0, 66.0, 0.0);
(732771.4, 4052456.5, 65.9, 65.9, 0.0); (732771.4, 4052481.5, 65.9, 65.9, 0.0);
(732771.4, 4052506.5, 65.8, 65.8, 0.0); (732771.4, 4052531.5, 65.7, 65.7, 0.0);
(732771.4, 4052556.5, 65.6, 65.6, 0.0); (732771.4, 4052581.5, 65.5, 65.5, 0.0);
(732771.4, 4052606.5, 65.4, 65.4, 0.0); (732771.4, 4052631.5, 65.3, 65.3, 0.0);
(732771.4, 4052656.5, 65.3, 65.3, 0.0); (732771.4, 4052681.5, 65.2, 65.2, 0.0);
(732771.4, 4052706.5, 65.1, 65.1, 0.0); (732771.4, 4052731.5, 65.0, 65.0, 0.0);
(732771.4, 4052756.5, 64.9, 64.9, 0.0); (732771.4, 4052781.5, 64.9, 64.9, 0.0);
(732771.4, 4052806.5, 64.8, 64.8, 0.0); (732771.4, 4052831.5, 64.7, 64.7, 0.0);
(732771.4, 4052856.5, 64.6, 64.6, 0.0); (732771.4, 4052881.5, 64.5, 64.5, 0.0);
(732771.4, 4052906.5, 64.5, 64.5, 0.0); (732771.4, 4052931.5, 64.4, 64.4, 0.0);
(732771.4, 4052956.5, 64.3, 64.3, 0.0); (732771.4, 4052981.5, 64.2, 64.2, 0.0);
(732771.4, 4053006.5, 64.1, 64.1, 0.0); (732771.4, 4053031.5, 64.0, 64.0, 0.0);
(732771.4, 4053056.5, 64.0, 64.0, 0.0); (732771.4, 4053081.5, 63.9, 63.9, 0.0);
(732771.4, 4053106.5, 63.8, 63.8, 0.0); (732771.4, 4053131.5, 63.7, 63.7, 0.0);
(732771.4, 4053156.5, 63.7, 63.7, 0.0); (732771.4, 4053181.5, 63.6, 63.6, 0.0);
(732771.4, 4053206.5, 63.5, 63.5, 0.0); (732771.4, 4053231.5, 63.5, 63.5, 0.0);
(732771.4, 4054006.5, 62.2, 62.2, 0.0); (732771.4, 4054031.5, 62.2, 62.2, 0.0);
(732771.4, 4054056.5, 62.2, 62.2, 0.0); (732771.4, 4054081.5, 62.1, 62.1, 0.0);
(732771.4, 4055231.5, 61.5, 61.5, 0.0); (732771.4, 4055256.5, 61.5, 61.5, 0.0);
(732771.4, 4055281.5, 61.5, 61.5, 0.0); (732771.4, 4055306.5, 61.5, 61.5, 0.0);
(732771.4, 4055331.5, 61.5, 61.5, 0.0); (732796.4, 4052331.5, 66.3, 66.3, 0.0);
(732796.4, 4052356.5, 66.2, 66.2, 0.0); (732796.4, 4052381.5, 66.1, 66.1, 0.0);
(732796.4, 4052406.5, 66.0, 66.0, 0.0); (732796.4, 4052431.5, 66.0, 66.0, 0.0);
(732796.4, 4052456.5, 65.8, 65.8, 0.0); (732796.4, 4052481.5, 65.8, 65.8, 0.0);
(732796.4, 4052506.5, 65.7, 65.7, 0.0); (732796.4, 4052531.5, 65.6, 65.6, 0.0);
(732796.4, 4052556.5, 65.5, 65.5, 0.0); (732796.4, 4052581.5, 65.4, 65.4, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732796.4, 4052606.5, 65.4, 65.4, 0.0); (732796.4, 4052631.5, 65.3, 65.3, 0.0);
(732796.4, 4052656.5, 65.2, 65.2, 0.0); (732796.4, 4052681.5, 65.1, 65.1, 0.0);
(732796.4, 4052706.5, 65.0, 65.0, 0.0); (732796.4, 4052731.5, 65.0, 65.0, 0.0);
(732796.4, 4052756.5, 64.9, 64.9, 0.0); (732796.4, 4052781.5, 64.8, 64.8, 0.0);
(732796.4, 4052806.5, 64.7, 64.7, 0.0); (732796.4, 4052831.5, 64.6, 64.6, 0.0);
(732796.4, 4052856.5, 64.5, 64.5, 0.0); (732796.4, 4052881.5, 64.5, 64.5, 0.0);
(732796.4, 4052906.5, 64.4, 64.4, 0.0); (732796.4, 4052931.5, 64.3, 64.3, 0.0);
(732796.4, 4052956.5, 64.4, 64.2, 0.0); (732796.4, 4052981.5, 64.1, 64.1, 0.0);
(732796.4, 4053006.5, 64.1, 64.1, 0.0); (732796.4, 4053031.5, 64.0, 64.0, 0.0);
(732796.4, 4053056.5, 63.9, 63.9, 0.0); (732796.4, 4053081.5, 63.8, 63.8, 0.0);
(732796.4, 4053106.5, 63.8, 63.8, 0.0); (732796.4, 4053131.5, 63.7, 63.7, 0.0);
(732796.4, 4053156.5, 63.6, 63.6, 0.0); (732796.4, 4053181.5, 63.5, 63.5, 0.0);
(732796.4, 4053206.5, 63.4, 63.4, 0.0); (732796.4, 4053231.5, 63.4, 63.4, 0.0);
(732796.4, 4054006.5, 62.2, 62.2, 0.0); (732796.4, 4054031.5, 62.2, 62.2, 0.0);
(732796.4, 4054056.5, 62.1, 62.1, 0.0); (732796.4, 4054081.5, 62.1, 62.1, 0.0);
(732796.4, 4055231.5, 61.5, 61.5, 0.0); (732796.4, 4055256.5, 61.5, 61.5, 0.0);
(732796.4, 4055281.5, 61.5, 61.5, 0.0); (732796.4, 4055306.5, 61.5, 61.5, 0.0);
(732796.4, 4055331.5, 61.5, 61.5, 0.0); (732821.4, 4052331.5, 66.2, 66.2, 0.0);
(732821.4, 4052406.5, 66.0, 66.0, 0.0); (732821.4, 4052431.5, 65.9, 65.9, 0.0);
(732821.4, 4052456.5, 65.8, 65.8, 0.0); (732821.4, 4052481.5, 65.7, 65.7, 0.0);
(732821.4, 4052506.5, 65.6, 65.6, 0.0); (732821.4, 4052531.5, 65.6, 65.6, 0.0);
(732821.4, 4052556.5, 65.5, 65.5, 0.0); (732821.4, 4052581.5, 65.4, 65.4, 0.0);
(732821.4, 4052606.5, 65.3, 65.3, 0.0); (732821.4, 4052631.5, 65.2, 65.2, 0.0);
(732821.4, 4052656.5, 65.1, 65.1, 0.0); (732821.4, 4052681.5, 65.0, 65.0, 0.0);
(732821.4, 4052706.5, 65.0, 65.0, 0.0); (732821.4, 4052731.5, 64.9, 64.9, 0.0);
(732821.4, 4052756.5, 64.8, 64.8, 0.0); (732821.4, 4052781.5, 64.8, 64.8, 0.0);
(732821.4, 4052806.5, 64.7, 64.7, 0.0); (732821.4, 4052831.5, 64.6, 64.6, 0.0);
(732821.4, 4052856.5, 64.5, 64.5, 0.0); (732821.4, 4052881.5, 64.4, 64.4, 0.0);
(732821.4, 4052906.5, 64.3, 64.3, 0.0); (732821.4, 4052931.5, 64.2, 64.2, 0.0);
(732821.4, 4052956.5, 64.2, 64.2, 0.0); (732821.4, 4052981.5, 64.1, 64.1, 0.0);
(732821.4, 4053006.5, 64.0, 64.0, 0.0); (732821.4, 4053031.5, 63.9, 63.9, 0.0);
(732821.4, 4053056.5, 63.8, 63.8, 0.0); (732821.4, 4053081.5, 63.8, 63.8, 0.0);
(732821.4, 4054006.5, 62.2, 62.2, 0.0); (732821.4, 4054031.5, 62.1, 62.1, 0.0);
(732821.4, 4054056.5, 62.1, 62.1, 0.0); (732821.4, 4054081.5, 62.1, 62.1, 0.0);
(732821.4, 4055256.5, 61.4, 61.4, 0.0); (732821.4, 4055281.5, 61.4, 61.4, 0.0);
(732821.4, 4055306.5, 61.4, 61.4, 0.0); (732821.4, 4055331.5, 61.4, 61.4, 0.0);
(732846.4, 4052331.5, 66.2, 66.2, 0.0); (732846.4, 4052356.5, 66.1, 66.1, 0.0);
(732846.4, 4052381.5, 66.0, 66.0, 0.0); (732846.4, 4052406.5, 65.9, 65.9, 0.0);
(732846.4, 4052431.5, 65.8, 65.8, 0.0); (732846.4, 4052456.5, 65.8, 65.8, 0.0);
(732846.4, 4052481.5, 65.7, 65.7, 0.0); (732846.4, 4052506.5, 65.6, 65.6, 0.0);
(732846.4, 4052531.5, 65.5, 65.5, 0.0); (732846.4, 4052556.5, 65.4, 65.4, 0.0);
(732846.4, 4052581.5, 65.3, 65.3, 0.0); (732846.4, 4052606.5, 65.2, 65.2, 0.0);
(732846.4, 4052631.5, 65.2, 65.2, 0.0); (732846.4, 4052656.5, 65.1, 65.1, 0.0);
(732846.4, 4052681.5, 65.0, 65.0, 0.0); (732846.4, 4052706.5, 64.9, 64.9, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732846.4, 4052731.5, 64.8, 64.8, 0.0); (732846.4, 4052756.5, 64.8, 64.8, 0.0);
(732846.4, 4052781.5, 64.7, 64.7, 0.0); (732846.4, 4052806.5, 64.6, 64.6, 0.0);
(732846.4, 4052831.5, 64.5, 64.5, 0.0); (732846.4, 4052856.5, 64.4, 64.4, 0.0);
(732846.4, 4052881.5, 64.3, 64.3, 0.0); (732846.4, 4054006.5, 62.1, 62.1, 0.0);
(732846.4, 4054031.5, 62.1, 62.1, 0.0); (732846.4, 4054056.5, 62.1, 62.1, 0.0);
(732846.4, 4054081.5, 62.0, 62.0, 0.0); (732846.4, 4055256.5, 61.4, 61.4, 0.0);
(732846.4, 4055281.5, 61.4, 61.4, 0.0); (732846.4, 4055306.5, 61.4, 61.4, 0.0);
(732846.4, 4055331.5, 61.4, 61.4, 0.0); (732871.4, 4052331.5, 66.1, 66.1, 0.0);
(732871.4, 4052356.5, 66.0, 66.0, 0.0); (732871.4, 4052381.5, 66.0, 66.0, 0.0);
(732871.4, 4052406.5, 65.8, 65.8, 0.0); (732871.4, 4052431.5, 65.8, 65.8, 0.0);
(732871.4, 4052456.5, 65.7, 65.7, 0.0); (732871.4, 4052481.5, 65.6, 65.6, 0.0);

(732871.4, 4052506.5, 65.5, 65.5, 0.0); (732871.4, 4052531.5, 65.4, 65.4, 0.0);
(732871.4, 4052556.5, 65.3, 65.3, 0.0); (732871.4, 4052581.5, 65.2, 65.2, 0.0);
(732871.4, 4052606.5, 65.2, 65.2, 0.0); (732871.4, 4052631.5, 65.1, 65.1, 0.0);
(732871.4, 4052656.5, 65.0, 65.0, 0.0); (732871.4, 4052681.5, 64.9, 64.9, 0.0);
(732871.4, 4052706.5, 64.9, 64.9, 0.0); (732871.4, 4052731.5, 64.8, 64.8, 0.0);
(732871.4, 4052756.5, 64.7, 64.7, 0.0); (732871.4, 4052781.5, 64.6, 64.6, 0.0);
(732871.4, 4052806.5, 64.5, 64.5, 0.0); (732871.4, 4052831.5, 64.5, 64.5, 0.0);
(732871.4, 4052856.5, 64.4, 64.4, 0.0); (732871.4, 4052881.5, 64.3, 64.3, 0.0);
(732871.4, 4054006.5, 62.1, 62.1, 0.0); (732871.4, 4054031.5, 62.1, 62.1, 0.0);
(732871.4, 4054056.5, 62.0, 62.0, 0.0); (732871.4, 4054081.5, 62.0, 62.0, 0.0);
(732871.4, 4055256.5, 61.3, 61.3, 0.0); (732871.4, 4055281.5, 61.3, 61.3, 0.0);
(732871.4, 4055306.5, 61.3, 61.3, 0.0); (732871.4, 4055331.5, 61.3, 61.3, 0.0);
(732896.4, 4052331.5, 66.1, 66.1, 0.0); (732896.4, 4052356.5, 66.0, 66.0, 0.0);
(732896.4, 4052381.5, 65.9, 65.9, 0.0); (732896.4, 4052406.5, 65.8, 65.8, 0.0);
(732896.4, 4052431.5, 65.7, 65.7, 0.0); (732896.4, 4052456.5, 65.6, 65.6, 0.0);
(732896.4, 4052481.5, 65.5, 65.5, 0.0); (732896.4, 4052506.5, 65.4, 65.4, 0.0);
(732896.4, 4052531.5, 65.3, 65.3, 0.0); (732896.4, 4052556.5, 65.3, 65.3, 0.0);
(732896.4, 4052581.5, 65.2, 65.2, 0.0); (732896.4, 4052606.5, 65.1, 65.1, 0.0);
(732896.4, 4052631.5, 65.0, 65.0, 0.0); (732896.4, 4052656.5, 65.0, 65.0, 0.0);
(732896.4, 4052681.5, 64.9, 64.9, 0.0); (732896.4, 4052706.5, 64.8, 64.8, 0.0);
(732896.4, 4052731.5, 64.7, 64.7, 0.0); (732896.4, 4052756.5, 64.6, 64.6, 0.0);
(732896.4, 4052781.5, 64.5, 64.5, 0.0); (732896.4, 4052806.5, 64.5, 64.5, 0.0);
(732896.4, 4052831.5, 64.4, 64.4, 0.0); (732896.4, 4052856.5, 64.3, 64.3, 0.0);
(732896.4, 4052881.5, 64.2, 64.2, 0.0); (732896.4, 4054006.5, 62.1, 62.1, 0.0);
(732896.4, 4054031.5, 62.0, 62.0, 0.0); (732896.4, 4054056.5, 62.0, 62.0, 0.0);
(732896.4, 4054081.5, 62.0, 62.0, 0.0); (732896.4, 4055256.5, 61.3, 61.3, 0.0);
(732896.4, 4055281.5, 61.3, 61.3, 0.0); (732896.4, 4055306.5, 61.3, 61.3, 0.0);
(732896.4, 4055331.5, 61.3, 61.3, 0.0); (732921.4, 4052331.5, 66.0, 66.0, 0.0);
(732921.4, 4052356.5, 65.9, 65.9, 0.0); (732921.4, 4052381.5, 65.8, 65.8, 0.0);
(732921.4, 4052406.5, 65.7, 65.7, 0.0); (732921.4, 4052431.5, 65.6, 65.6, 0.0);
(732921.4, 4052456.5, 65.5, 65.5, 0.0); (732921.4, 4052481.5, 65.5, 65.5, 0.0);
(732921.4, 4052506.5, 65.4, 65.4, 0.0); (732921.4, 4052531.5, 65.3, 65.3, 0.0);
(732921.4, 4052556.5, 65.2, 65.2, 0.0); (732921.4, 4052581.5, 65.1, 65.1, 0.0);
(732921.4, 4052606.5, 65.0, 65.0, 0.0); (732921.4, 4052631.5, 65.0, 65.0, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegOfFAULT CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
(732921.4, 4052656.5, 64.9, 64.9, 0.0); (732921.4, 4052681.5, 64.8, 64.8, 0.0);
(732921.4, 4052706.5, 64.7, 64.7, 0.0); (732921.4, 4052731.5, 64.7, 64.7, 0.0);
(732921.4, 4052756.5, 64.6, 64.6, 0.0); (732921.4, 4052781.5, 64.5, 64.5, 0.0);
(732921.4, 4052806.5, 64.4, 64.4, 0.0); (732921.4, 4052831.5, 64.3, 64.3, 0.0);
(732921.4, 4052856.5, 64.2, 64.2, 0.0); (732921.4, 4052881.5, 64.1, 64.1, 0.0);
(732921.4, 4054006.5, 62.0, 62.0, 0.0); (732921.4, 4054031.5, 62.0, 62.0, 0.0);
(732921.4, 4054056.5, 62.0, 62.0, 0.0); (732921.4, 4054081.5, 61.9, 61.9, 0.0);
(732921.4, 4055256.5, 61.3, 61.3, 0.0); (732921.4, 4055281.5, 61.3, 61.3, 0.0);
(732921.4, 4055306.5, 61.3, 61.3, 0.0); (732921.4, 4055331.5, 61.3, 61.3, 0.0);
(732946.4, 4052331.5, 65.9, 65.9, 0.0); (732946.4, 4052356.5, 65.8, 65.8, 0.0);
(732946.4, 4052381.5, 65.7, 65.7, 0.0); (732946.4, 4052406.5, 65.7, 65.7, 0.0);
(732946.4, 4052431.5, 65.6, 65.6, 0.0); (732946.4, 4052456.5, 65.5, 65.5, 0.0);
(732946.4, 4052481.5, 65.4, 65.4, 0.0); (732946.4, 4052506.5, 65.3, 65.3, 0.0);
(732946.4, 4052531.5, 65.2, 65.2, 0.0); (732946.4, 4052556.5, 65.1, 65.1, 0.0);
(732946.4, 4052581.5, 65.0, 65.0, 0.0); (732946.4, 4052606.5, 65.0, 65.0, 0.0);
(732946.4, 4052631.5, 64.9, 64.9, 0.0); (732946.4, 4052656.5, 64.8, 64.8, 0.0);
(732946.4, 4052681.5, 64.7, 64.7, 0.0); (732946.4, 4052706.5, 64.6, 64.6, 0.0);
(732946.4, 4052731.5, 64.6, 64.6, 0.0); (732946.4, 4052756.5, 64.5, 64.5, 0.0);
(732946.4, 4052781.5, 64.4, 64.4, 0.0); (732946.4, 4052806.5, 64.3, 64.3, 0.0);
(732946.4, 4052831.5, 64.2, 64.2, 0.0); (732946.4, 4052856.5, 64.2, 64.2, 0.0);
(732946.4, 4052881.5, 64.1, 64.1, 0.0); (732946.4, 4054006.5, 62.0, 62.0, 0.0);
(732946.4, 4054031.5, 62.0, 62.0, 0.0); (732946.4, 4054056.5, 61.9, 61.9, 0.0);
(732946.4, 4054081.5, 61.9, 61.9, 0.0); (732946.4, 4055256.5, 61.2, 61.2, 0.0);
(732946.4, 4055281.5, 61.2, 61.2, 0.0); (732946.4, 4055306.5, 61.2, 61.2, 0.0);
(732946.4, 4055331.5, 61.2, 61.2, 0.0); (732971.4, 4052331.5, 65.9, 65.9, 0.0);
(732971.4, 4052356.5, 65.8, 65.8, 0.0); (732971.4, 4052381.5, 65.7, 65.7, 0.0);
(732971.4, 4052406.5, 65.6, 65.6, 0.0); (732971.4, 4052431.5, 65.5, 65.5, 0.0);
(732971.4, 4052456.5, 65.4, 65.4, 0.0); (732971.4, 4052481.5, 65.3, 65.3, 0.0);
(732971.4, 4052506.5, 65.2, 65.2, 0.0); (732971.4, 4052531.5, 65.1, 65.1, 0.0);
(732971.4, 4052556.5, 65.0, 65.0, 0.0); (732971.4, 4052581.5, 65.0, 65.0, 0.0);
(732971.4, 4052606.5, 64.9, 64.9, 0.0); (732971.4, 4052631.5, 64.8, 64.8, 0.0);
(732971.4, 4052656.5, 64.7, 64.7, 0.0); (732971.4, 4052681.5, 64.7, 64.7, 0.0);
(732971.4, 4052706.5, 64.6, 64.6, 0.0); (732971.4, 4052731.5, 64.5, 64.5, 0.0);
(732971.4, 4052756.5, 64.4, 64.4, 0.0); (732971.4, 4052781.5, 64.3, 64.3, 0.0);
(732971.4, 4052806.5, 64.3, 64.3, 0.0); (732971.4, 4052831.5, 64.2, 64.2, 0.0);
(732971.4, 4052856.5, 64.1, 64.1, 0.0); (732971.4, 4052881.5, 64.0, 64.0, 0.0);
(732971.4, 4054006.5, 62.0, 62.0, 0.0); (732971.4, 4054031.5, 61.9, 61.9, 0.0);
(732971.4, 4054056.5, 61.9, 61.9, 0.0); (732971.4, 4054081.5, 61.9, 61.9, 0.0);
(732971.4, 4055256.5, 61.2, 61.2, 0.0); (732971.4, 4055281.5, 61.2, 61.2, 0.0);
(732971.4, 4055306.5, 61.2, 61.2, 0.0); (732971.4, 4055331.5, 61.2, 61.2, 0.0);
(732996.4, 4052331.5, 65.8, 65.8, 0.0); (732996.4, 4052356.5, 65.7, 65.7, 0.0);
(732996.4, 4052381.5, 65.6, 65.6, 0.0); (732996.4, 4052406.5, 65.5, 65.5, 0.0);
(732996.4, 4052431.5, 65.4, 65.4, 0.0); (732996.4, 4052456.5, 65.3, 65.3, 0.0);
(732996.4, 4052481.5, 65.2, 65.2, 0.0); (732996.4, 4052506.5, 65.1, 65.1, 0.0);
(732996.4, 4052531.5, 65.0, 65.0, 0.0); (732996.4, 4052556.5, 65.0, 65.0, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegOfFAULT CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
(732996.4, 4052581.5, 64.9, 64.9, 0.0); (732996.4, 4052606.5, 64.8, 64.8, 0.0);
(732996.4, 4052631.5, 64.7, 64.7, 0.0); (732996.4, 4052656.5, 64.6, 64.6, 0.0);
(732996.4, 4052681.5, 64.6, 64.6, 0.0); (732996.4, 4052706.5, 64.5, 64.5, 0.0);
(732996.4, 4052731.5, 64.4, 64.4, 0.0); (732996.4, 4052756.5, 64.4, 64.4, 0.0);
(732996.4, 4052781.5, 64.3, 64.3, 0.0); (732996.4, 4052806.5, 64.2, 64.2, 0.0);
(732996.4, 4052831.5, 64.1, 64.1, 0.0); (732996.4, 4052856.5, 64.0, 64.0, 0.0);
(732996.4, 4054031.5, 63.9, 63.9, 0.0); (732996.4, 4054006.5, 61.9, 61.9, 0.0);
(732996.4, 4054081.5, 61.8, 61.8, 0.0); (732996.4, 4054056.5, 61.9, 61.9, 0.0);
(732996.4, 4055281.5, 61.2, 61.2, 0.0); (732996.4, 4055256.5, 61.2, 61.2, 0.0);
(732996.4, 4055306.5, 61.2, 61.2, 0.0); (733021.4, 4052331.5, 65.7, 65.7, 0.0);
(733021.4, 4052356.5, 65.6, 65.6, 0.0); (733021.4, 4052381.5, 65.5, 65.5, 0.0);
(733021.4, 4052406.5, 65.5, 65.5, 0.0); (733021.4, 4052431.5, 65.3, 65.3, 0.0);
(733021.4, 4052456.5, 65.2, 65.2, 0.0); (733021.4, 4052481.5, 65.1, 65.1, 0.0);
(733021.4, 4052506.5, 65.1, 65.1, 0.0); (733021.4, 4052531.5, 65.0, 65.0, 0.0);
(733021.4, 4052556.5, 64.9, 64.9, 0.0); (733021.4, 4052581.5, 64.8, 64.8, 0.0);
(733021.4, 4052606.5, 64.7, 64.7, 0.0); (733021.4, 4052631.5, 64.6, 64.6, 0.0);
(733021.4, 4052656.5, 64.6, 64.6, 0.0); (733021.4, 4052681.5, 64.5, 64.5, 0.0);

(733021.4, 4052706.5, 64.5, 64.5, 0.0);	(733021.4, 4052731.5, 64.3, 64.3, 0.0);
(733021.4, 4052756.5, 64.3, 64.3, 0.0);	(733021.4, 4052781.5, 64.2, 64.2, 0.0);
(733021.4, 4052806.5, 64.1, 64.1, 0.0);	(733021.4, 4052831.5, 64.0, 64.0, 0.0);
(733021.4, 4052856.5, 63.9, 63.9, 0.0);	(733021.4, 4052881.5, 63.9, 63.9, 0.0);
(733021.4, 4054006.5, 61.9, 61.9, 0.0);	(733021.4, 4054031.5, 61.9, 61.9, 0.0);
(733021.4, 4054056.5, 61.8, 61.8, 0.0);	(733021.4, 4054081.5, 61.8, 61.8, 0.0);
(733021.4, 4055256.5, 61.1, 61.1, 0.0);	(733021.4, 4055281.5, 61.1, 61.1, 0.0);
(733021.4, 4055306.5, 61.1, 61.1, 0.0);	(733021.4, 4055331.5, 61.1, 61.1, 0.0);
(733046.4, 4052331.5, 65.6, 65.6, 0.0);	(733046.4, 4052356.5, 65.6, 65.6, 0.0);
(733046.4, 4052381.5, 65.4, 65.4, 0.0);	(733046.4, 4052406.5, 65.4, 65.4, 0.0);
(733046.4, 4052431.5, 65.3, 65.3, 0.0);	(733046.4, 4052456.5, 65.2, 65.2, 0.0);
(733046.4, 4052481.5, 65.1, 65.1, 0.0);	(733046.4, 4052506.5, 65.0, 65.0, 0.0);
(733046.4, 4052531.5, 64.9, 64.9, 0.0);	(733046.4, 4052556.5, 64.8, 64.8, 0.0);
(733046.4, 4052581.5, 64.8, 64.8, 0.0);	(733046.4, 4052606.5, 64.6, 64.6, 0.0);
(733046.4, 4052631.5, 64.6, 64.6, 0.0);	(733046.4, 4052656.5, 64.5, 64.5, 0.0);
(733046.4, 4052681.5, 64.4, 64.4, 0.0);	(733046.4, 4052706.5, 64.4, 64.4, 0.0);
(733046.4, 4052731.5, 64.3, 64.3, 0.0);	(733046.4, 4052756.5, 64.2, 64.2, 0.0);
(733046.4, 4052781.5, 64.1, 64.1, 0.0);	(733046.4, 4052806.5, 64.0, 64.0, 0.0);
(733046.4, 4052831.5, 64.0, 64.0, 0.0);	(733046.4, 4052856.5, 63.9, 63.9, 0.0);
(733046.4, 4052881.5, 63.8, 63.8, 0.0);	(733046.4, 4054006.5, 61.8, 61.8, 0.0);
(733046.4, 4054031.5, 61.8, 61.8, 0.0);	(733046.4, 4054056.5, 61.8, 61.8, 0.0);
(733046.4, 4054081.5, 61.8, 61.8, 0.0);	(733046.4, 4055256.5, 61.1, 61.1, 0.0);
(733046.4, 4055281.5, 61.1, 61.1, 0.0);	(733046.4, 4055306.5, 61.1, 61.1, 0.0);
(733046.4, 4055331.5, 61.1, 61.1, 0.0);	(733071.4, 4052331.5, 65.5, 65.5, 0.0);
(733071.4, 4052356.5, 65.5, 65.5, 0.0);	(733071.4, 4052381.5, 65.4, 65.4, 0.0);
(733071.4, 4052406.5, 65.3, 65.3, 0.0);	(733071.4, 4052431.5, 65.2, 65.2, 0.0);
(733071.4, 4052456.5, 65.1, 65.1, 0.0);	(733071.4, 4052481.5, 65.0, 65.0, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** 11:56:46 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733071.4, 4052506.5, 64.9, 64.9, 0.0);	(733071.4, 4052531.5, 64.8, 64.8, 0.0);
(733071.4, 4052556.5, 64.7, 64.7, 0.0);	(733071.4, 4052581.5, 64.7, 64.7, 0.0);
(733071.4, 4052606.5, 64.6, 64.6, 0.0);	(733071.4, 4052631.5, 64.5, 64.5, 0.0);
(733071.4, 4052656.5, 64.5, 64.5, 0.0);	(733071.4, 4052681.5, 64.3, 64.3, 0.0);
(733071.4, 4052706.5, 64.3, 64.3, 0.0);	(733071.4, 4052731.5, 64.2, 64.2, 0.0);
(733071.4, 4052756.5, 64.1, 64.1, 0.0);	(733071.4, 4052781.5, 64.0, 64.0, 0.0);
(733071.4, 4052806.5, 64.0, 64.0, 0.0);	(733071.4, 4052831.5, 63.9, 63.9, 0.0);
(733071.4, 4052856.5, 63.8, 63.8, 0.0);	(733071.4, 4052881.5, 63.7, 63.7, 0.0);
(733071.4, 4054006.5, 61.8, 61.8, 0.0);	(733071.4, 4054031.5, 61.8, 61.8, 0.0);
(733071.4, 4054056.5, 61.8, 61.8, 0.0);	(733071.4, 4054081.5, 61.7, 61.7, 0.0);
(733071.4, 4055256.5, 61.0, 61.0, 0.0);	(733071.4, 4055281.5, 61.0, 61.0, 0.0);
(733071.4, 4055306.5, 61.1, 61.1, 0.0);	(733071.4, 4055331.5, 61.1, 61.1, 0.0);
(733096.4, 4052331.5, 65.5, 65.5, 0.0);	(733096.4, 4052356.5, 65.4, 65.4, 0.0);
(733096.4, 4052381.5, 65.3, 65.3, 0.0);	(733096.4, 4052406.5, 65.2, 65.2, 0.0);
(733096.4, 4052431.5, 65.1, 65.1, 0.0);	(733096.4, 4052456.5, 65.0, 65.0, 0.0);
(733096.4, 4052481.5, 64.9, 64.9, 0.0);	(733096.4, 4052506.5, 64.8, 64.8, 0.0);
(733096.4, 4052531.5, 64.8, 64.8, 0.0);	(733096.4, 4052556.5, 64.7, 64.7, 0.0);
(733096.4, 4052581.5, 64.6, 64.6, 0.0);	(733096.4, 4052606.5, 64.5, 64.5, 0.0);
(733096.4, 4052631.5, 64.4, 64.4, 0.0);	(733096.4, 4052656.5, 64.4, 64.4, 0.0);
(733096.4, 4052681.5, 64.3, 64.3, 0.0);	(733096.4, 4052706.5, 64.2, 64.2, 0.0);
(733096.4, 4052731.5, 64.1, 64.1, 0.0);	(733096.4, 4052756.5, 64.1, 64.1, 0.0);
(733096.4, 4052781.5, 64.0, 64.0, 0.0);	(733096.4, 4052806.5, 63.9, 63.9, 0.0);
(733096.4, 4052831.5, 63.8, 63.8, 0.0);	(733096.4, 4052856.5, 63.7, 63.7, 0.0);
(733096.4, 4052881.5, 63.6, 63.6, 0.0);	(733096.4, 4054006.5, 61.8, 61.8, 0.0);
(733096.4, 4054031.5, 61.8, 61.8, 0.0);	(733096.4, 4054056.5, 61.7, 61.7, 0.0);
(733096.4, 4054081.5, 61.7, 61.7, 0.0);	(733096.4, 4054106.5, 61.7, 61.7, 0.0);
(733096.4, 4055256.5, 61.0, 61.0, 0.0);	(733096.4, 4055281.5, 61.0, 61.0, 0.0);
(733096.4, 4055306.5, 61.0, 61.0, 0.0);	(733096.4, 4055331.5, 61.0, 61.0, 0.0);
(733121.4, 4052331.5, 65.4, 65.4, 0.0);	(733121.4, 4052356.5, 65.3, 65.3, 0.0);
(733121.4, 4052381.5, 65.2, 65.2, 0.0);	(733121.4, 4052406.5, 65.1, 65.1, 0.0);
(733121.4, 4052431.5, 65.0, 65.0, 0.0);	(733121.4, 4052456.5, 64.9, 64.9, 0.0);
(733121.4, 4052481.5, 64.9, 64.9, 0.0);	(733121.4, 4052506.5, 64.8, 64.8, 0.0);
(733121.4, 4052531.5, 64.7, 64.7, 0.0);	(733121.4, 4052556.5, 64.6, 64.6, 0.0);
(733121.4, 4052581.5, 64.5, 64.5, 0.0);	(733121.4, 4052606.5, 64.5, 64.5, 0.0);
(733121.4, 4052631.5, 64.4, 64.4, 0.0);	(733121.4, 4052656.5, 64.3, 64.3, 0.0);
(733121.4, 4052681.5, 64.2, 64.2, 0.0);	(733121.4, 4052706.5, 64.1, 64.1, 0.0);
(733121.4, 4052731.5, 64.0, 64.0, 0.0);	(733121.4, 4052756.5, 64.0, 64.0, 0.0);
(733121.4, 4052781.5, 63.9, 63.9, 0.0);	(733121.4, 4052806.5, 63.8, 63.8, 0.0);
(733121.4, 4052831.5, 63.7, 63.7, 0.0);	(733121.4, 4052856.5, 63.6, 63.6, 0.0);
(733121.4, 4052881.5, 63.6, 63.6, 0.0);	(733121.4, 4054006.5, 61.8, 61.8, 0.0);
(733121.4, 4054031.5, 61.7, 61.7, 0.0);	(733121.4, 4054056.5, 61.7, 61.7, 0.0);
(733121.4, 4054081.5, 61.7, 61.7, 0.0);	(733121.4, 4054106.5, 61.6, 61.6, 0.0);
(733121.4, 4055256.5, 60.9, 60.9, 0.0);	(733121.4, 4055281.5, 60.9, 60.9, 0.0);
(733121.4, 4055306.5, 60.9, 60.9, 0.0);	(733121.4, 4055331.5, 61.0, 61.0, 0.0);
(733146.4, 4052331.5, 65.3, 65.3, 0.0);	(733146.4, 4052356.5, 65.2, 65.2, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733146.4, 4052381.5, 65.1, 65.1, 0.0);	(733146.4, 4052406.5, 65.0, 65.0, 0.0);
(733146.4, 4052431.5, 65.0, 65.0, 0.0);	(733146.4, 4052456.5, 64.8, 64.8, 0.0);
(733146.4, 4052481.5, 64.8, 64.8, 0.0);	(733146.4, 4052506.5, 64.7, 64.7, 0.0);
(733146.4, 4052531.5, 64.6, 64.6, 0.0);	(733146.4, 4052556.5, 64.6, 64.6, 0.0);
(733146.4, 4052581.5, 64.5, 64.5, 0.0);	(733146.4, 4052606.5, 64.4, 64.4, 0.0);
(733146.4, 4052631.5, 64.3, 64.3, 0.0);	(733146.4, 4052656.5, 64.2, 64.2, 0.0);
(733146.4, 4052681.5, 64.1, 64.1, 0.0);	(733146.4, 4052706.5, 64.0, 64.0, 0.0);
(733146.4, 4052731.5, 64.0, 64.0, 0.0);	(733146.4, 4052756.5, 63.9, 63.9, 0.0);
(733146.4, 4052781.5, 63.8, 63.8, 0.0);	(733146.4, 4052806.5, 63.7, 63.7, 0.0);
(733146.4, 4052831.5, 63.6, 63.6, 0.0);	(733146.4, 4052856.5, 63.5, 63.5, 0.0);
(733146.4, 4052881.5, 63.5, 63.5, 0.0);	(733146.4, 4054006.5, 61.7, 61.7, 0.0);
(733146.4, 4054031.5, 61.7, 61.7, 0.0);	(733146.4, 4054056.5, 61.7, 61.7, 0.0);
(733146.4, 4054081.5, 61.6, 61.6, 0.0);	(733146.4, 4054106.5, 61.6, 61.6, 0.0);
(733146.4, 4055256.5, 60.9, 60.9, 0.0);	(733146.4, 4055281.5, 60.9, 60.9, 0.0);
(733146.4, 4055306.5, 60.9, 60.9, 0.0);	(733146.4, 4055331.5, 60.9, 60.9, 0.0);
(733171.4, 4052331.5, 65.2, 65.2, 0.0);	(733171.4, 4052356.5, 65.2, 65.2, 0.0);
(733171.4, 4052381.5, 65.1, 65.1, 0.0);	(733171.4, 4052406.5, 65.0, 65.0, 0.0);
(733171.4, 4052431.5, 64.9, 64.9, 0.0);	(733171.4, 4052456.5, 64.8, 64.8, 0.0);
(733171.4, 4052481.5, 64.7, 64.7, 0.0);	(733171.4, 4052506.5, 64.6, 64.6, 0.0);
(733171.4, 4052531.5, 64.6, 64.6, 0.0);	(733171.4, 4052556.5, 64.5, 64.5, 0.0);
(733171.4, 4052581.5, 64.4, 64.4, 0.0);	(733171.4, 4052606.5, 64.3, 64.3, 0.0);
(733171.4, 4052631.5, 64.2, 64.2, 0.0);	(733171.4, 4052656.5, 64.2, 64.2, 0.0);
(733171.4, 4052681.5, 64.1, 64.1, 0.0);	(733171.4, 4052706.5, 64.0, 64.0, 0.0);
(733171.4, 4052731.5, 63.9, 63.9, 0.0);	(733171.4, 4052756.5, 63.8, 63.8, 0.0);
(733171.4, 4052781.5, 63.7, 63.7, 0.0);	(733171.4, 4052806.5, 63.6, 63.6, 0.0);

(733171.4, 4052831.5, 63.6, 63.6, 0.0);	(733171.4, 4052856.5, 63.5, 63.5, 0.0);
(733171.4, 4052881.5, 63.4, 63.4, 0.0);	(733171.4, 4054031.5, 61.7, 61.7, 0.0);
(733171.4, 4054056.5, 61.6, 61.6, 0.0);	(733171.4, 4054081.5, 61.6, 61.6, 0.0);
(733171.4, 4054106.5, 61.6, 61.6, 0.0);	(733171.4, 4055256.5, 60.9, 60.9, 0.0);
(733171.4, 4055281.5, 60.9, 60.9, 0.0);	(733171.4, 4055306.5, 60.9, 60.9, 0.0);
(733171.4, 4055331.5, 60.9, 60.9, 0.0);	(733196.4, 4052331.5, 65.2, 65.2, 0.0);
(733196.4, 4052356.5, 65.1, 65.1, 0.0);	(733196.4, 4052381.5, 65.0, 65.0, 0.0);
(733196.4, 4052406.5, 64.9, 64.9, 0.0);	(733196.4, 4052431.5, 64.8, 64.8, 0.0);
(733196.4, 4052456.5, 64.7, 64.7, 0.0);	(733196.4, 4052481.5, 64.7, 64.7, 0.0);
(733196.4, 4052506.5, 64.6, 64.6, 0.0);	(733196.4, 4052531.5, 64.5, 64.5, 0.0);
(733196.4, 4052556.5, 64.4, 64.4, 0.0);	(733196.4, 4052581.5, 64.3, 64.3, 0.0);
(733196.4, 4052606.5, 64.3, 64.3, 0.0);	(733196.4, 4052631.5, 64.2, 64.2, 0.0);
(733196.4, 4052656.5, 64.1, 64.1, 0.0);	(733196.4, 4052681.5, 64.0, 64.0, 0.0);
(733196.4, 4052706.5, 63.9, 63.9, 0.0);	(733196.4, 4052731.5, 63.8, 63.8, 0.0);
(733196.4, 4052756.5, 63.7, 63.7, 0.0);	(733196.4, 4052781.5, 63.6, 63.6, 0.0);
(733196.4, 4052806.5, 63.5, 63.5, 0.0);	(733196.4, 4052831.5, 63.5, 63.5, 0.0);
(733196.4, 4052856.5, 63.4, 63.4, 0.0);	(733196.4, 4052881.5, 63.3, 63.3, 0.0);
(733196.4, 4052906.5, 63.3, 63.3, 0.0);	(733196.4, 4054031.5, 61.6, 61.6, 0.0);
(733196.4, 4054056.5, 61.6, 61.6, 0.0);	(733196.4, 4054081.5, 61.6, 61.6, 0.0);
(733196.4, 4054106.5, 61.5, 61.5, 0.0);	(733196.4, 4055256.5, 60.8, 60.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
 (METERS)

(733196.4, 4055281.5, 60.8, 60.8, 0.0);	(733196.4, 4055306.5, 60.8, 60.8, 0.0);
(733196.4, 4055331.5, 60.8, 60.8, 0.0);	(733221.4, 4052331.5, 65.1, 65.1, 0.0);
(733221.4, 4052356.5, 65.0, 65.0, 0.0);	(733221.4, 4052381.5, 64.9, 64.9, 0.0);
(733221.4, 4052406.5, 64.8, 64.8, 0.0);	(733221.4, 4052431.5, 64.8, 64.8, 0.0);
(733221.4, 4052456.5, 64.7, 64.7, 0.0);	(733221.4, 4052481.5, 64.6, 64.6, 0.0);
(733221.4, 4052506.5, 64.5, 64.5, 0.0);	(733221.4, 4052531.5, 64.5, 64.5, 0.0);
(733221.4, 4052556.5, 64.4, 64.4, 0.0);	(733221.4, 4052581.5, 64.3, 64.3, 0.0);
(733221.4, 4052606.5, 64.2, 64.2, 0.0);	(733221.4, 4052631.5, 64.1, 64.1, 0.0);
(733221.4, 4052656.5, 64.0, 64.0, 0.0);	(733221.4, 4052681.5, 63.9, 63.9, 0.0);
(733221.4, 4052706.5, 63.8, 63.8, 0.0);	(733221.4, 4052731.5, 63.8, 63.8, 0.0);
(733221.4, 4052756.5, 63.7, 63.7, 0.0);	(733221.4, 4052781.5, 63.6, 63.6, 0.0);
(733221.4, 4052806.5, 63.5, 63.5, 0.0);	(733221.4, 4052831.5, 63.4, 63.4, 0.0);
(733221.4, 4052856.5, 63.3, 63.3, 0.0);	(733221.4, 4052881.5, 63.3, 63.3, 0.0);
(733221.4, 4052906.5, 63.2, 63.2, 0.0);	(733221.4, 4054031.5, 61.6, 61.6, 0.0);
(733221.4, 4054056.5, 61.5, 61.5, 0.0);	(733221.4, 4054081.5, 61.5, 61.5, 0.0);
(733221.4, 4054106.5, 61.5, 61.5, 0.0);	(733221.4, 4055256.5, 60.8, 60.8, 0.0);
(733221.4, 4055281.5, 60.8, 60.8, 0.0);	(733221.4, 4055306.5, 60.8, 60.8, 0.0);
(733221.4, 4055331.5, 60.8, 60.8, 0.0);	(733246.4, 4052331.5, 65.0, 65.0, 0.0);
(733246.4, 4052356.5, 65.0, 65.0, 0.0);	(733246.4, 4052381.5, 64.8, 64.8, 0.0);
(733246.4, 4052406.5, 64.8, 64.8, 0.0);	(733246.4, 4052431.5, 64.7, 64.7, 0.0);
(733246.4, 4052456.5, 64.6, 64.6, 0.0);	(733246.4, 4052481.5, 64.5, 64.5, 0.0);
(733246.4, 4052506.5, 64.5, 64.5, 0.0);	(733246.4, 4052531.5, 64.4, 64.4, 0.0);
(733246.4, 4052556.5, 64.3, 64.3, 0.0);	(733246.4, 4052581.5, 64.2, 64.2, 0.0);
(733246.4, 4052606.5, 64.1, 64.1, 0.0);	(733246.4, 4052631.5, 64.1, 64.1, 0.0);
(733246.4, 4052656.5, 63.9, 63.9, 0.0);	(733246.4, 4052681.5, 63.9, 63.9, 0.0);
(733246.4, 4052706.5, 63.8, 63.8, 0.0);	(733246.4, 4052731.5, 63.7, 63.7, 0.0);
(733246.4, 4052756.5, 63.6, 63.6, 0.0);	(733246.4, 4052781.5, 63.5, 63.5, 0.0);
(733246.4, 4052806.5, 63.4, 63.4, 0.0);	(733246.4, 4052831.5, 63.3, 63.3, 0.0);
(733246.4, 4052856.5, 63.3, 63.3, 0.0);	(733246.4, 4052881.5, 63.2, 63.2, 0.0);
(733246.4, 4052906.5, 63.2, 63.2, 0.0);	(733246.4, 4054031.5, 61.5, 61.5, 0.0);
(733246.4, 4054056.5, 61.5, 61.5, 0.0);	(733246.4, 4054081.5, 61.5, 61.5, 0.0);
(733246.4, 4054106.5, 61.5, 61.5, 0.0);	(733246.4, 4055256.5, 60.7, 60.7, 0.0);
(733246.4, 4055281.5, 60.7, 60.7, 0.0);	(733246.4, 4055306.5, 60.7, 60.7, 0.0);
(733246.4, 4055331.5, 60.7, 60.7, 0.0);	(733271.4, 4052331.5, 65.0, 65.0, 0.0);
(733271.4, 4052356.5, 64.9, 64.9, 0.0);	(733271.4, 4052381.5, 64.8, 64.8, 0.0);
(733271.4, 4052406.5, 64.7, 64.7, 0.0);	(733271.4, 4052431.5, 64.6, 64.6, 0.0);
(733271.4, 4052456.5, 64.6, 64.6, 0.0);	(733271.4, 4052481.5, 64.5, 64.5, 0.0);
(733271.4, 4052506.5, 64.4, 64.4, 0.0);	(733271.4, 4052531.5, 64.3, 64.3, 0.0);
(733271.4, 4052556.5, 64.2, 64.2, 0.0);	(733271.4, 4052581.5, 64.2, 64.2, 0.0);
(733271.4, 4052606.5, 64.1, 64.1, 0.0);	(733271.4, 4052631.5, 64.0, 64.0, 0.0);
(733271.4, 4052656.5, 63.9, 63.9, 0.0);	(733271.4, 4052681.5, 63.8, 63.8, 0.0);
(733271.4, 4052706.5, 63.7, 63.7, 0.0);	(733271.4, 4052731.5, 63.6, 63.6, 0.0);
(733271.4, 4052756.5, 63.5, 63.5, 0.0);	(733271.4, 4052781.5, 63.5, 63.5, 0.0);
(733271.4, 4052806.5, 63.4, 63.4, 0.0);	(733271.4, 4052831.5, 63.3, 63.3, 0.0);
(733271.4, 4052856.5, 63.2, 63.2, 0.0);	(733271.4, 4052881.5, 63.2, 63.2, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
 (METERS)

(733271.4, 4052906.5, 63.1, 63.1, 0.0);	(733271.4, 4054031.5, 61.5, 61.5, 0.0);
(733271.4, 4054056.5, 61.5, 61.5, 0.0);	(733271.4, 4054081.5, 61.4, 61.4, 0.0);
(733271.4, 4054106.5, 61.4, 61.4, 0.0);	(733271.4, 4055256.5, 60.7, 60.7, 0.0);
(733271.4, 4055281.5, 60.7, 60.7, 0.0);	(733271.4, 4055306.5, 60.7, 60.7, 0.0);
(733271.4, 4055331.5, 60.7, 60.7, 0.0);	(733296.4, 4052331.5, 64.9, 64.9, 0.0);
(733296.4, 4052356.5, 64.8, 64.8, 0.0);	(733296.4, 4052381.5, 64.7, 64.7, 0.0);
(733296.4, 4052406.5, 64.7, 64.7, 0.0);	(733296.4, 4052431.5, 64.6, 64.6, 0.0);
(733296.4, 4052456.5, 64.5, 64.5, 0.0);	(733296.4, 4052481.5, 64.5, 64.5, 0.0);
(733296.4, 4052506.5, 64.4, 64.4, 0.0);	(733296.4, 4052531.5, 64.3, 64.3, 0.0);
(733296.4, 4052556.5, 64.2, 64.2, 0.0);	(733296.4, 4052581.5, 64.1, 64.1, 0.0);
(733296.4, 4052606.5, 64.0, 64.0, 0.0);	(733296.4, 4052631.5, 63.9, 63.9, 0.0);
(733296.4, 4052656.5, 63.8, 63.8, 0.0);	(733296.4, 4052681.5, 63.8, 63.8, 0.0);
(733296.4, 4052706.5, 63.7, 63.7, 0.0);	(733296.4, 4052731.5, 63.6, 63.6, 0.0);
(733296.4, 4052756.5, 63.5, 63.5, 0.0);	(733296.4, 4052781.5, 63.4, 63.4, 0.0);
(733296.4, 4052806.5, 63.3, 63.3, 0.0);	(733296.4, 4052831.5, 63.2, 63.2, 0.0);
(733296.4, 4052856.5, 63.2, 63.2, 0.0);	(733296.4, 4052881.5, 63.1, 63.1, 0.0);
(733296.4, 4052906.5, 63.1, 63.1, 0.0);	(733296.4, 4054031.5, 61.5, 61.5, 0.0);
(733296.4, 4054056.5, 61.4, 61.4, 0.0);	(733296.4, 4054081.5, 61.4, 61.4, 0.0);
(733296.4, 4054106.5, 61.4, 61.4, 0.0);	(733296.4, 4055256.5, 60.7, 60.7, 0.0);
(733296.4, 4055281.5, 60.6, 60.6, 0.0);	(733296.4, 4055306.5, 60.6, 60.6, 0.0);
(733296.4, 4055331.5, 60.6, 60.6, 0.0);	(733321.4, 4052331.5, 64.8, 64.8, 0.0);
(733321.4, 4052356.5, 64.7, 64.7, 0.0);	(733321.4, 4052381.5, 64.7, 64.7, 0.0);
(733321.4, 4052406.5, 64.6, 64.6, 0.0);	(733321.4, 4052431.5, 64.5, 64.5, 0.0);
(733321.4, 4052456.5, 64.5, 64.5, 0.0);	(733321.4, 4052481.5, 64.4, 64.4, 0.0);
(733321.4, 4052506.5, 64.3, 64.3, 0.0);	(733321.4, 4052531.5, 64.2, 64.2, 0.0);
(733321.4, 4052556.5, 64.1, 64.1, 0.0);	(733321.4, 4052581.5, 64.0, 64.0, 0.0);
(733321.4, 4052606.5, 64.0, 64.0, 0.0);	(733321.4, 4052631.5, 63.9, 63.9, 0.0);
(733321.4, 4052656.5, 63.8, 63.8, 0.0);	(733321.4, 4052681.5, 63.7, 63.7, 0.0);
(733321.4, 4052706.5, 63.6, 63.6, 0.0);	(733321.4, 4052731.5, 63.5, 63.5, 0.0);
(733321.4, 4052756.5, 63.4, 63.4, 0.0);	(733321.4, 4052781.5, 63.3, 63.3, 0.0);
(733321.4, 4052806.5, 63.3, 63.3, 0.0);	(733321.4, 4052831.5, 63.2, 63.2, 0.0);
(733321.4, 4052856.5, 63.2, 63.2, 0.0);	(733321.4, 4052881.5, 63.1, 63.1, 0.0);

(733471.4, 4054056.5, 61.2, 61.2, 0.0); (733471.4, 4054081.5, 61.2, 61.2, 0.0);
(733471.4, 4054106.5, 61.2, 61.2, 0.0); (733471.4, 4055231.5, 60.4, 60.4, 0.0);
(733471.4, 4055256.5, 60.3, 60.3, 0.0); (733471.4, 4055281.5, 60.3, 60.3, 0.0);
(733471.4, 4055306.5, 60.3, 60.3, 0.0); (733471.4, 4055331.5, 60.3, 60.3, 0.0);
(733496.4, 4052331.5, 64.5, 64.5, 0.0); (733496.4, 4052356.5, 64.4, 64.4, 0.0);
(733496.4, 4052381.5, 64.3, 64.3, 0.0); (733496.4, 4052406.5, 64.3, 64.3, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733496.4, 4052431.5, 64.2, 64.2, 0.0); (733496.4, 4052456.5, 64.1, 64.1, 0.0);
(733496.4, 4052481.5, 64.1, 64.1, 0.0); (733496.4, 4052506.5, 64.0, 64.0, 0.0);
(733496.4, 4052531.5, 63.9, 63.9, 0.0); (733496.4, 4052556.5, 63.8, 63.8, 0.0);
(733496.4, 4052581.5, 63.7, 63.7, 0.0); (733496.4, 4052606.5, 63.7, 63.7, 0.0);
(733496.4, 4052631.5, 63.6, 63.6, 0.0); (733496.4, 4052656.5, 63.5, 63.5, 0.0);
(733496.4, 4052681.5, 63.4, 63.4, 0.0); (733496.4, 4052706.5, 63.3, 63.3, 0.0);
(733496.4, 4052731.5, 63.2, 63.2, 0.0); (733496.4, 4052756.5, 63.2, 63.2, 0.0);
(733496.4, 4052781.5, 63.1, 63.1, 0.0); (733496.4, 4052806.5, 63.1, 63.1, 0.0);
(733496.4, 4052831.5, 63.0, 63.0, 0.0); (733496.4, 4052856.5, 63.0, 63.0, 0.0);
(733496.4, 4052881.5, 62.9, 62.9, 0.0); (733496.4, 4052906.5, 62.8, 62.8, 0.0);
(733496.4, 4053981.5, 61.2, 61.2, 0.0); (733496.4, 4054006.5, 61.2, 61.2, 0.0);
(733496.4, 4054031.5, 61.2, 61.2, 0.0); (733496.4, 4054056.5, 61.2, 61.2, 0.0);
(733496.4, 4054081.5, 61.1, 61.1, 0.0); (733496.4, 4054106.5, 61.1, 61.1, 0.0);
(733496.4, 4054906.5, 60.5, 60.5, 0.0); (733496.4, 4054931.5, 60.5, 60.5, 0.0);
(733496.4, 4054956.5, 60.5, 60.5, 0.0); (733496.4, 4054981.5, 60.5, 60.5, 0.0);
(733496.4, 4055006.5, 60.5, 60.5, 0.0); (733496.4, 4055031.5, 60.5, 60.5, 0.0);
(733496.4, 4055056.5, 60.4, 60.4, 0.0); (733496.4, 4055081.5, 60.4, 60.4, 0.0);
(733496.4, 4055106.5, 60.4, 60.4, 0.0); (733496.4, 4055131.5, 60.4, 60.4, 0.0);
(733496.4, 4055156.5, 60.4, 60.4, 0.0); (733496.4, 4055181.5, 60.4, 60.4, 0.0);
(733496.4, 4055206.5, 60.3, 60.3, 0.0); (733496.4, 4055231.5, 60.3, 60.3, 0.0);
(733496.4, 4055256.5, 60.3, 60.3, 0.0); (733496.4, 4055281.5, 60.3, 60.3, 0.0);
(733496.4, 4055306.5, 60.3, 60.3, 0.0); (733496.4, 4055331.5, 60.3, 60.3, 0.0);
(733521.4, 4052331.5, 64.4, 64.4, 0.0); (733521.4, 4052356.5, 64.4, 64.4, 0.0);
(733521.4, 4052381.5, 64.3, 64.3, 0.0); (733521.4, 4052406.5, 64.2, 64.2, 0.0);
(733521.4, 4052431.5, 64.2, 64.2, 0.0); (733521.4, 4052456.5, 64.1, 64.1, 0.0);
(733521.4, 4052481.5, 64.0, 64.0, 0.0); (733521.4, 4052506.5, 63.9, 63.9, 0.0);
(733521.4, 4052531.5, 63.9, 63.9, 0.0); (733521.4, 4052556.5, 63.8, 63.8, 0.0);
(733521.4, 4052581.5, 63.7, 63.7, 0.0); (733521.4, 4052606.5, 63.6, 63.6, 0.0);
(733521.4, 4052631.5, 63.5, 63.5, 0.0); (733521.4, 4052656.5, 63.4, 63.4, 0.0);
(733521.4, 4052681.5, 63.4, 63.4, 0.0); (733521.4, 4052706.5, 63.3, 63.3, 0.0);
(733521.4, 4052731.5, 63.2, 63.2, 0.0); (733521.4, 4052756.5, 63.2, 63.2, 0.0);
(733521.4, 4052781.5, 63.1, 63.1, 0.0); (733521.4, 4052806.5, 63.0, 63.0, 0.0);
(733521.4, 4052831.5, 63.0, 63.0, 0.0); (733521.4, 4052856.5, 62.9, 62.9, 0.0);
(733521.4, 4052881.5, 62.9, 62.9, 0.0); (733521.4, 4052906.5, 62.8, 62.8, 0.0);
(733521.4, 4052931.5, 62.8, 62.8, 0.0); (733521.4, 4053481.5, 61.8, 61.8, 0.0);
(733521.4, 4053506.5, 61.7, 61.7, 0.0); (733521.4, 4053531.5, 61.7, 61.7, 0.0);
(733521.4, 4053556.5, 61.7, 61.7, 0.0); (733521.4, 4053581.5, 61.7, 61.7, 0.0);
(733521.4, 4053606.5, 61.6, 61.6, 0.0); (733521.4, 4053631.5, 61.6, 61.6, 0.0);
(733521.4, 4053656.5, 61.6, 61.6, 0.0); (733521.4, 4053681.5, 61.5, 61.5, 0.0);
(733521.4, 4053706.5, 61.5, 61.5, 0.0); (733521.4, 4053731.5, 61.5, 61.5, 0.0);
(733521.4, 4053756.5, 61.4, 61.4, 0.0); (733521.4, 4053781.5, 61.4, 61.4, 0.0);
(733521.4, 4053806.5, 61.4, 61.4, 0.0); (733521.4, 4053831.5, 61.3, 61.3, 0.0);
(733521.4, 4053856.5, 61.3, 61.3, 0.0); (733521.4, 4053881.5, 61.3, 61.3, 0.0);
(733521.4, 4053906.5, 61.3, 61.3, 0.0); (733521.4, 4053931.5, 61.3, 61.3, 0.0);
(733521.4, 4053956.5, 61.2, 61.2, 0.0); (733521.4, 4053981.5, 61.2, 61.2, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733521.4, 4054006.5, 61.2, 61.2, 0.0); (733521.4, 4054031.5, 61.2, 61.2, 0.0);
(733521.4, 4054056.5, 61.1, 61.1, 0.0); (733521.4, 4054081.5, 61.1, 61.1, 0.0);
(733521.4, 4054106.5, 61.1, 61.1, 0.0); (733521.4, 4054131.5, 61.1, 61.1, 0.0);
(733521.4, 4054156.5, 61.0, 61.0, 0.0); (733521.4, 4054181.5, 61.0, 61.0, 0.0);
(733521.4, 4054206.5, 61.0, 61.0, 0.0); (733521.4, 4054231.5, 61.0, 61.0, 0.0);
(733521.4, 4054256.5, 60.9, 60.9, 0.0); (733521.4, 4054281.5, 60.9, 60.9, 0.0);
(733521.4, 4054306.5, 60.9, 60.9, 0.0); (733521.4, 4054331.5, 60.9, 60.9, 0.0);
(733521.4, 4054356.5, 60.8, 60.8, 0.0); (733521.4, 4054381.5, 60.8, 60.8, 0.0);
(733521.4, 4054406.5, 60.8, 60.8, 0.0); (733521.4, 4054431.5, 60.8, 60.8, 0.0);
(733521.4, 4054456.5, 60.8, 60.8, 0.0); (733521.4, 4054481.5, 60.7, 60.7, 0.0);
(733521.4, 4054506.5, 60.7, 60.7, 0.0); (733521.4, 4054531.5, 60.7, 60.7, 0.0);
(733521.4, 4054556.5, 60.7, 60.7, 0.0); (733521.4, 4054581.5, 60.7, 60.7, 0.0);
(733521.4, 4054606.5, 60.7, 60.7, 0.0); (733521.4, 4054631.5, 60.7, 60.7, 0.0);
(733521.4, 4054656.5, 60.6, 60.6, 0.0); (733521.4, 4054681.5, 60.6, 60.6, 0.0);
(733521.4, 4054706.5, 60.6, 60.6, 0.0); (733521.4, 4054731.5, 60.6, 60.6, 0.0);
(733521.4, 4054756.5, 60.6, 60.6, 0.0); (733521.4, 4054781.5, 60.6, 60.6, 0.0);
(733521.4, 4054806.5, 60.5, 60.5, 0.0); (733521.4, 4054831.5, 60.5, 60.5, 0.0);
(733521.4, 4054856.5, 60.5, 60.5, 0.0); (733521.4, 4054881.5, 60.5, 60.5, 0.0);
(733521.4, 4054906.5, 60.5, 60.5, 0.0); (733521.4, 4054931.5, 60.5, 60.5, 0.0);
(733521.4, 4054956.5, 60.5, 60.5, 0.0); (733521.4, 4054981.5, 60.4, 60.4, 0.0);
(733521.4, 4055006.5, 60.4, 60.4, 0.0); (733521.4, 4055031.5, 60.4, 60.4, 0.0);
(733521.4, 4055056.5, 60.4, 60.4, 0.0); (733521.4, 4055081.5, 60.4, 60.4, 0.0);
(733521.4, 4055106.5, 60.4, 60.4, 0.0); (733521.4, 4055131.5, 60.4, 60.4, 0.0);
(733521.4, 4055156.5, 60.4, 60.4, 0.0); (733521.4, 4055181.5, 60.4, 60.4, 0.0);
(733521.4, 4055206.5, 60.3, 60.3, 0.0); (733521.4, 4055231.5, 60.2, 60.2, 0.0);
(733521.4, 4055256.5, 60.2, 60.2, 0.0); (733521.4, 4055281.5, 60.2, 60.2, 0.0);
(733521.4, 4055306.5, 60.2, 60.2, 0.0); (733521.4, 4055331.5, 60.2, 60.2, 0.0);
(733546.4, 4052331.5, 64.4, 64.4, 0.0); (733546.4, 4052356.5, 64.3, 64.3, 0.0);
(733546.4, 4052381.5, 64.3, 64.3, 0.0); (733546.4, 4052406.5, 64.2, 64.2, 0.0);
(733546.4, 4052431.5, 64.1, 64.1, 0.0); (733546.4, 4052456.5, 64.0, 64.0, 0.0);
(733546.4, 4052481.5, 64.0, 64.0, 0.0); (733546.4, 4052506.5, 63.9, 63.9, 0.0);
(733546.4, 4052531.5, 63.8, 63.8, 0.0); (733546.4, 4052556.5, 63.7, 63.7, 0.0);
(733546.4, 4052581.5, 63.7, 63.7, 0.0); (733546.4, 4052606.5, 63.6, 63.6, 0.0);
(733546.4, 4052631.5, 63.5, 63.5, 0.0); (733546.4, 4052656.5, 63.4, 63.4, 0.0);
(733546.4, 4052681.5, 63.3, 63.3, 0.0); (733546.4, 4052706.5, 63.3, 63.3, 0.0);
(733546.4, 4052731.5, 63.2, 63.2, 0.0); (733546.4, 4052756.5, 63.1, 63.1, 0.0);
(733546.4, 4052781.5, 63.1, 63.1, 0.0); (733546.4, 4052806.5, 63.0, 63.0, 0.0);
(733546.4, 4052831.5, 63.0, 63.0, 0.0); (733546.4, 4052856.5, 62.9, 62.9, 0.0);
(733546.4, 4052881.5, 62.8, 62.8, 0.0); (733546.4, 4052906.5, 62.8, 62.8, 0.0);
(733546.4, 4052931.5, 62.8, 62.8, 0.0); (733546.4, 4052956.5, 62.7, 62.7, 0.0);
(733546.4, 4052981.5, 62.7, 62.7, 0.0); (733546.4, 4053006.5, 62.6, 62.6, 0.0);
(733546.4, 4053031.5, 62.6, 62.6, 0.0); (733546.4, 4053056.5, 62.5, 62.5, 0.0);
(733546.4, 4053081.5, 62.5, 62.5, 0.0); (733546.4, 4053106.5, 62.4, 62.4, 0.0);
(733546.4, 4053131.5, 62.4, 62.4, 0.0); (733546.4, 4053156.5, 62.3, 62.3, 0.0);
(733546.4, 4053181.5, 62.3, 62.3, 0.0); (733546.4, 4053206.5, 62.2, 62.2, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733546.4, 4053231.5, 62.2, 62.2, 0.0);	(733546.4, 4053256.5, 62.2, 62.2, 0.0);
(733546.4, 4053281.5, 62.1, 62.1, 0.0);	(733546.4, 4053306.5, 62.1, 62.1, 0.0);
(733546.4, 4053331.5, 62.0, 62.0, 0.0);	(733546.4, 4053356.5, 62.0, 62.0, 0.0);
(733546.4, 4053381.5, 61.9, 61.9, 0.0);	(733546.4, 4053406.5, 61.9, 61.9, 0.0);
(733546.4, 4053431.5, 61.8, 61.8, 0.0);	(733546.4, 4053456.5, 61.8, 61.8, 0.0);
(733546.4, 4053481.5, 61.7, 61.7, 0.0);	(733546.4, 4053506.5, 61.7, 61.7, 0.0);
(733546.4, 4053531.5, 61.7, 61.7, 0.0);	(733546.4, 4053556.5, 61.6, 61.6, 0.0);
(733546.4, 4053581.5, 61.6, 61.6, 0.0);	(733546.4, 4053606.5, 61.6, 61.6, 0.0);
(733546.4, 4053631.5, 61.6, 61.6, 0.0);	(733546.4, 4053656.5, 61.5, 61.5, 0.0);
(733546.4, 4053681.5, 61.5, 61.5, 0.0);	(733546.4, 4053706.5, 61.5, 61.5, 0.0);
(733546.4, 4053731.5, 61.4, 61.4, 0.0);	(733546.4, 4053756.5, 61.4, 61.4, 0.0);
(733546.4, 4053781.5, 61.4, 61.4, 0.0);	(733546.4, 4053806.5, 61.3, 61.3, 0.0);
(733546.4, 4053831.5, 61.3, 61.3, 0.0);	(733546.4, 4053856.5, 61.3, 61.3, 0.0);
(733546.4, 4053881.5, 61.2, 61.2, 0.0);	(733546.4, 4053906.5, 61.2, 61.2, 0.0);
(733546.4, 4053931.5, 61.2, 61.2, 0.0);	(733546.4, 4053956.5, 61.2, 61.2, 0.0);
(733546.4, 4053981.5, 61.2, 61.2, 0.0);	(733546.4, 4054006.5, 61.1, 61.1, 0.0);
(733546.4, 4054031.5, 61.1, 61.1, 0.0);	(733546.4, 4054056.5, 61.1, 61.1, 0.0);
(733546.4, 4054081.5, 61.1, 61.1, 0.0);	(733546.4, 4054106.5, 61.0, 61.0, 0.0);
(733546.4, 4054131.5, 61.0, 61.0, 0.0);	(733546.4, 4054156.5, 61.0, 61.0, 0.0);
(733546.4, 4054181.5, 61.0, 61.0, 0.0);	(733546.4, 4054206.5, 60.9, 60.9, 0.0);
(733546.4, 4054231.5, 60.9, 60.9, 0.0);	(733546.4, 4054256.5, 60.9, 60.9, 0.0);
(733546.4, 4054281.5, 60.9, 60.9, 0.0);	(733546.4, 4054306.5, 60.8, 60.8, 0.0);
(733546.4, 4054331.5, 60.8, 60.8, 0.0);	(733546.4, 4054356.5, 60.8, 60.8, 0.0);
(733546.4, 4054381.5, 60.8, 60.8, 0.0);	(733546.4, 4054406.5, 60.8, 60.8, 0.0);
(733546.4, 4054431.5, 60.7, 60.7, 0.0);	(733546.4, 4054456.5, 60.7, 60.7, 0.0);
(733546.4, 4054481.5, 60.7, 60.7, 0.0);	(733546.4, 4054506.5, 60.7, 60.7, 0.0);
(733546.4, 4054531.5, 60.7, 60.7, 0.0);	(733546.4, 4054556.5, 60.7, 60.7, 0.0);
(733546.4, 4054581.5, 60.6, 60.6, 0.0);	(733546.4, 4054606.5, 60.6, 60.6, 0.0);
(733546.4, 4054631.5, 60.6, 60.6, 0.0);	(733546.4, 4054656.5, 60.6, 60.6, 0.0);
(733546.4, 4054681.5, 60.6, 60.6, 0.0);	(733546.4, 4054706.5, 60.6, 60.6, 0.0);
(733546.4, 4054731.5, 60.5, 60.5, 0.0);	(733546.4, 4054756.5, 60.5, 60.5, 0.0);
(733546.4, 4054781.5, 60.5, 60.5, 0.0);	(733546.4, 4054806.5, 60.5, 60.5, 0.0);
(733546.4, 4054831.5, 60.5, 60.5, 0.0);	(733546.4, 4054856.5, 60.5, 60.5, 0.0);
(733546.4, 4054881.5, 60.5, 60.5, 0.0);	(733546.4, 4054906.5, 60.5, 60.5, 0.0);
(733546.4, 4054931.5, 60.4, 60.4, 0.0);	(733546.4, 4054956.5, 60.4, 60.4, 0.0);
(733546.4, 4054981.5, 60.4, 60.4, 0.0);	(733546.4, 4055006.5, 60.4, 60.4, 0.0);
(733546.4, 4055031.5, 60.4, 60.4, 0.0);	(733546.4, 4055056.5, 60.4, 60.4, 0.0);
(733546.4, 4055081.5, 60.4, 60.4, 0.0);	(733546.4, 4055106.5, 60.4, 60.4, 0.0);
(733546.4, 4055131.5, 60.3, 60.3, 0.0);	(733546.4, 4055156.5, 60.3, 60.3, 0.0);
(733546.4, 4055181.5, 60.3, 60.3, 0.0);	(733546.4, 4055206.5, 60.3, 60.3, 0.0);
(733546.4, 4055231.5, 60.3, 60.3, 0.0);	(733546.4, 4055256.5, 60.3, 60.3, 0.0);
(733546.4, 4055281.5, 60.2, 60.2, 0.0);	(733546.4, 4055306.5, 60.2, 60.2, 0.0);
(733546.4, 4055331.5, 60.2, 60.2, 0.0);	(733571.4, 4052331.5, 64.3, 64.3, 0.0);
(733571.4, 4052356.5, 64.3, 64.3, 0.0);	(733571.4, 4052381.5, 64.2, 64.2, 0.0);
(733571.4, 4052406.5, 64.1, 64.1, 0.0);	(733571.4, 4052431.5, 64.1, 64.1, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733571.4, 4052456.5, 64.0, 64.0, 0.0);	(733571.4, 4052481.5, 63.9, 63.9, 0.0);
(733571.4, 4052506.5, 63.8, 63.8, 0.0);	(733571.4, 4052531.5, 63.8, 63.8, 0.0);
(733571.4, 4052556.5, 63.7, 63.7, 0.0);	(733571.4, 4052581.5, 63.6, 63.6, 0.0);
(733571.4, 4052606.5, 63.5, 63.5, 0.0);	(733571.4, 4052631.5, 63.5, 63.5, 0.0);
(733571.4, 4052656.5, 63.4, 63.4, 0.0);	(733571.4, 4052681.5, 63.3, 63.3, 0.0);
(733571.4, 4052706.5, 63.2, 63.2, 0.0);	(733571.4, 4052731.5, 63.2, 63.2, 0.0);
(733571.4, 4052756.5, 63.1, 63.1, 0.0);	(733571.4, 4052781.5, 63.0, 63.0, 0.0);
(733571.4, 4052806.5, 63.0, 63.0, 0.0);	(733571.4, 4052831.5, 62.9, 62.9, 0.0);
(733571.4, 4052856.5, 62.9, 62.9, 0.0);	(733571.4, 4052881.5, 62.8, 62.8, 0.0);
(733571.4, 4052906.5, 62.8, 62.8, 0.0);	(733571.4, 4052931.5, 62.7, 62.7, 0.0);
(733571.4, 4052956.5, 62.7, 62.7, 0.0);	(733571.4, 4052981.5, 62.6, 62.6, 0.0);
(733571.4, 4053006.5, 62.6, 62.6, 0.0);	(733571.4, 4053031.5, 62.5, 62.5, 0.0);
(733571.4, 4053056.5, 62.5, 62.5, 0.0);	(733571.4, 4053081.5, 62.4, 62.4, 0.0);
(733571.4, 4053106.5, 62.4, 62.4, 0.0);	(733571.4, 4053131.5, 62.3, 62.3, 0.0);
(733571.4, 4053156.5, 62.3, 62.3, 0.0);	(733571.4, 4053181.5, 62.2, 62.2, 0.0);
(733571.4, 4053206.5, 62.2, 62.2, 0.0);	(733571.4, 4053231.5, 62.2, 62.2, 0.0);
(733571.4, 4053256.5, 62.1, 62.1, 0.0);	(733571.4, 4053281.5, 62.1, 62.1, 0.0);
(733571.4, 4053306.5, 62.0, 62.0, 0.0);	(733571.4, 4053331.5, 62.0, 62.0, 0.0);
(733571.4, 4053356.5, 61.9, 61.9, 0.0);	(733571.4, 4053381.5, 61.9, 61.9, 0.0);
(733571.4, 4053406.5, 61.9, 61.9, 0.0);	(733571.4, 4053431.5, 61.8, 61.8, 0.0);
(733571.4, 4053456.5, 61.7, 61.7, 0.0);	(733571.4, 4053481.5, 61.7, 61.7, 0.0);
(733571.4, 4053506.5, 61.7, 61.7, 0.0);	(733571.4, 4053531.5, 61.6, 61.6, 0.0);
(733571.4, 4053556.5, 61.6, 61.6, 0.0);	(733571.4, 4053581.5, 61.6, 61.6, 0.0);
(733571.4, 4053606.5, 61.6, 61.6, 0.0);	(733571.4, 4053631.5, 61.5, 61.5, 0.0);
(733571.4, 4053656.5, 61.5, 61.5, 0.0);	(733571.4, 4053681.5, 61.4, 61.4, 0.0);
(733571.4, 4053706.5, 61.4, 61.4, 0.0);	(733571.4, 4053731.5, 61.4, 61.4, 0.0);
(733571.4, 4053756.5, 61.4, 61.4, 0.0);	(733571.4, 4053781.5, 61.3, 61.3, 0.0);
(733571.4, 4053806.5, 61.3, 61.3, 0.0);	(733571.4, 4053831.5, 61.3, 61.3, 0.0);
(733571.4, 4053856.5, 61.2, 61.2, 0.0);	(733571.4, 4053881.5, 61.2, 61.2, 0.0);
(733571.4, 4053906.5, 61.2, 61.2, 0.0);	(733571.4, 4053931.5, 61.2, 61.2, 0.0);
(733571.4, 4053956.5, 61.2, 61.2, 0.0);	(733571.4, 4053981.5, 61.1, 61.1, 0.0);
(733571.4, 4054006.5, 61.1, 61.1, 0.0);	(733571.4, 4054031.5, 61.1, 61.1, 0.0);
(733571.4, 4054056.5, 61.1, 61.1, 0.0);	(733571.4, 4054081.5, 61.0, 61.0, 0.0);
(733571.4, 4054106.5, 61.0, 61.0, 0.0);	(733571.4, 4054131.5, 61.0, 61.0, 0.0);
(733571.4, 4054156.5, 61.0, 61.0, 0.0);	(733571.4, 4054181.5, 60.9, 60.9, 0.0);
(733571.4, 4054206.5, 60.9, 60.9, 0.0);	(733571.4, 4054231.5, 60.8, 60.8, 0.0);
(733571.4, 4054256.5, 60.8, 60.8, 0.0);	(733571.4, 4054281.5, 60.8, 60.8, 0.0);
(733571.4, 4054306.5, 60.8, 60.8, 0.0);	(733571.4, 4054331.5, 60.8, 60.8, 0.0);
(733571.4, 4054356.5, 60.8, 60.8, 0.0);	(733571.4, 4054381.5, 60.8, 60.8, 0.0);
(733571.4, 4054406.5, 60.7, 60.7, 0.0);	(733571.4, 4054431.5, 60.7, 60.7, 0.0);
(733571.4, 4054456.5, 60.7, 60.7, 0.0);	(733571.4, 4054481.5, 60.7, 60.7, 0.0);
(733571.4, 4054506.5, 60.7, 60.7, 0.0);	(733571.4, 4054531.5, 60.6, 60.6, 0.0);
(733571.4, 4054556.5, 60.6, 60.6, 0.0);	(733571.4, 4054581.5, 60.6, 60.6, 0.0);
(733571.4, 4054606.5, 60.6, 60.6, 0.0);	(733571.4, 4054631.5, 60.6, 60.6, 0.0);
(733571.4, 4054656.5, 60.6, 60.6, 0.0);	(733571.4, 4054681.5, 60.5, 60.5, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733571.4, 4054706.5, 60.5, 60.5, 0.0);	(733571.4, 4054731.5, 60.5, 60.5, 0.0);
(733571.4, 4054756.5, 60.5, 60.5, 0.0);	(733571.4, 4054781.5, 60.5, 60.5, 0.0);
(733571.4, 4054806.5, 60.5, 60.5, 0.0);	(733571.4, 4054831.5, 60.5, 60.5, 0.0);
(733571.4, 4054856.5, 60.4, 60.4, 0.0);	(733571.4, 4054881.5, 60.4, 60.4, 0.0);
(733571.4, 4054906.5, 60.4, 60.4, 0.0);	(733571.4, 4054931.5, 60.4, 60.4, 0.0);
(733571.4, 4054956.5, 60.4, 60.4, 0.0);	(733571.4, 4054981.5, 60.4, 60.4, 0.0);
(733571.4, 4055006.5, 60.4, 60.4, 0.0);	(733571.4, 4055031.5, 60.3, 60.3, 0.0);
(733571.4, 4055056.5, 60.3, 60.3, 0.0);	(733571.4, 4055081.5, 60.3, 60.3, 0.0);
(733571.4, 4055106.5, 60.3, 60.3, 0.0);	(733571.4, 4055131.5, 60.3, 60.3, 0.0);
(733571.4, 4055156.5, 60.3, 60.3, 0.0);	(733571.4, 4055181.5, 60.3, 60.3, 0.0);
(733571.4, 4055206.5, 60.3, 60.3, 0.0);	(733571.4, 4055231.5, 60.2, 60.2, 0.0);
(733571.4, 4055256.5, 60.2, 60.2, 0.0);	(733571.4, 4055281.5, 60.2, 60.2, 0.0);
(733571.4, 4055306.5, 60.2, 60.2, 0.0);	(733571.4, 4055331.5, 60.2, 60.2, 0.0);
(733596.4, 4052331.5, 64.4, 64.4, 0.0);	(733596.4, 4052356.5, 64.3, 64.3, 0.0);
(733596.4, 4052381.5, 64.2, 64.2, 0.0);	(733596.4, 4052406.5, 64.1, 64.1, 0.0);
(733596.4, 4052431.5, 64.0, 64.0, 0.0);	(733596.4, 4052456.5, 64.0, 64.0, 0.0);
(733596.4, 4052481.5, 63.9, 63.9, 0.0);	(733596.4, 4052506.5, 63.8, 63.8, 0.0);
(733596.4, 4052531.5, 63.7, 63.7, 0.0);	(733596.4, 4052556.5, 63.7, 63.7, 0.0);
(733596.4, 4052581.5, 63.6, 63.6, 0.0);	(733596.4, 4052606.5, 63.5, 63.5, 0.0);
(733596.4, 4052631.5, 63.4, 63.4, 0.0);	(733596.4, 4052656.5, 63.4, 63.4, 0.0);
(733596.4, 4052681.5, 63.3, 63.3, 0.0);	(733596.4, 4052706.5, 63.2, 63.2, 0.0);
(733596.4, 4052731.5, 63.2, 63.2, 0.0);	(733596.4, 4052756.5, 63.1, 63.1, 0.0);
(733596.4, 4052781.5, 63.0, 63.0, 0.0);	(733596.4, 4052806.5, 63.0, 63.0, 0.0);
(733596.4, 4052831.5, 62.9, 62.9, 0.0);	(733596.4, 4052856.5, 62.9, 62.9, 0.0);
(733596.4, 4052881.5, 62.8, 62.8, 0.0);	(733596.4, 4052906.5, 62.8, 62.8, 0.0);
(733596.4, 4052931.5, 62.7, 62.7, 0.0);	(733596.4, 4052956.5, 62.7, 62.7, 0.0);
(733596.4, 4052981.5, 62.6, 62.6, 0.0);	(733596.4, 4053006.5, 62.5, 62.5, 0.0);
(733596.4, 4053031.5, 62.5, 62.5, 0.0);	(733596.4, 4053056.5, 62.4, 62.4, 0.0);
(733596.4, 4053081.5, 62.4, 62.4, 0.0);	(733596.4, 4053106.5, 62.3, 62.3, 0.0);
(733596.4, 4053131.5, 62.3, 62.3, 0.0);	(733596.4, 4053156.5, 62.2, 62.2, 0.0);
(733596.4, 4053181.5, 62.2, 62.2, 0.0);	(733596.4, 4053206.5, 62.1, 62.1, 0.0);
(733596.4, 4053231.5, 62.1, 62.1, 0.0);	(733596.4, 4053256.5, 62.1, 62.1, 0.0);
(733596.4, 4053281.5, 62.0, 62.0, 0.0);	(733596.4, 4053306.5, 62.0, 62.0, 0.0);
(733596.4, 4053331.5, 61.9, 61.9, 0.0);	(733596.4, 4053356.5, 61.9, 61.9, 0.0);
(733596.4, 4053381.5, 61.9, 61.9, 0.0);	(733596.4, 4053406.5, 61.8, 61.8, 0.0);
(733596.4, 4053431.5, 61.8, 61.8, 0.0);	(733596.4, 4053456.5, 61.7, 61.7, 0.0);
(733596.4, 4053481.5, 61.7, 61.7, 0.0);	(733596.4, 4053506.5, 61.6, 61.6, 0.0);
(733596.4, 4053531.5, 61.6, 61.6, 0.0);	(733596.4, 4053556.5, 61.6, 61.6, 0.0);
(733596.4, 4053581.5, 61.6, 61.6, 0.0);	(733596.4, 4053606.5, 61.5, 61.5, 0.0);
(733596.4, 4053631.5, 61.5, 61.5, 0.0);	(733596.4, 4053656.5, 61.5, 61.5, 0.0);
(733596.4, 4053681.5, 61.4, 61.4, 0.0);	(733596.4, 4053706.5, 61.4, 61.4, 0.0);
(733596.4, 4053731.5, 61.4, 61.4, 0.0);	(733596.4, 4053756.5, 61.3, 61.3, 0.0);
(733596.4, 4053781.5, 61.3, 61.3, 0.0);	(733596.4, 4053806.5, 61.3, 61.3, 0.0);
(733596.4, 4053831.5, 61.3, 61.3, 0.0);	(733596.4, 4053856.5, 61.2, 61.2, 0.0);
(733596.4, 4053881.5, 61.2, 61.2, 0.0);	(733596.4, 4053906.5, 61.2, 61.2, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733596.4, 4053931.5, 61.2, 61.2, 0.0);	(733596.4, 4053956.5, 61.1, 61.1, 0.0);
(733596.4, 4053981.5, 61.1, 61.1, 0.0);	(733596.4, 4054006.5, 61.1, 61.1, 0.0);
(733596.4, 4054031.5, 61.0, 61.0, 0.0);	(733596.4, 4054056.5, 61.0, 61.0, 0.0);
(733596.4, 4054081.5, 61.0, 61.0, 0.0);	(733596.4, 4054106.5, 61.0, 61.0, 0.0);
(733596.4, 4054131.5, 60.9, 60.9, 0.0);	(733596.4, 4054156.5, 60.9, 60.9, 0.0);
(733596.4, 4054181.5, 60.9, 60.9, 0.0);	(733596.4, 4054206.5, 60.9, 60.9, 0.0);
(733596.4, 4054231.5, 60.8, 60.8, 0.0);	(733596.4, 4054256.5, 60.8, 60.8, 0.0);
(733596.4, 4054281.5, 60.8, 60.8, 0.0);	(733596.4, 4054306.5, 60.8, 60.8, 0.0);
(733596.4, 4054331.5, 60.8, 60.8, 0.0);	(733596.4, 4054356.5, 60.7, 60.7, 0.0);
(733596.4, 4054381.5, 60.7, 60.7, 0.0);	(733596.4, 4054406.5, 60.7, 60.7, 0.0);
(733596.4, 4054431.5, 60.7, 60.7, 0.0);	(733596.4, 4054456.5, 60.7, 60.7, 0.0);
(733596.4, 4054481.5, 60.6, 60.6, 0.0);	(733596.4, 4054506.5, 60.6, 60.6, 0.0);
(733596.4, 4054531.5, 60.6, 60.6, 0.0);	(733596.4, 4054556.5, 60.6, 60.6, 0.0);
(733596.4, 4054581.5, 60.6, 60.6, 0.0);	(733596.4, 4054606.5, 60.5, 60.5, 0.0);
(733596.4, 4054631.5, 60.5, 60.5, 0.0);	(733596.4, 4054656.5, 60.5, 60.5, 0.0);
(733596.4, 4054681.5, 60.5, 60.5, 0.0);	(733596.4, 4054706.5, 60.5, 60.5, 0.0);
(733596.4, 4054731.5, 60.5, 60.5, 0.0);	(733596.4, 4054756.5, 60.5, 60.5, 0.0);
(733596.4, 4054781.5, 60.5, 60.5, 0.0);	(733596.4, 4054806.5, 60.4, 60.4, 0.0);
(733596.4, 4054831.5, 60.4, 60.4, 0.0);	(733596.4, 4054856.5, 60.4, 60.4, 0.0);
(733596.4, 4054881.5, 60.4, 60.4, 0.0);	(733596.4, 4054906.5, 60.4, 60.4, 0.0);
(733596.4, 4054931.5, 60.4, 60.4, 0.0);	(733596.4, 4054956.5, 60.3, 60.3, 0.0);
(733596.4, 4054981.5, 60.3, 60.3, 0.0);	(733596.4, 4055006.5, 60.3, 60.3, 0.0);
(733596.4, 4055031.5, 60.3, 60.3, 0.0);	(733596.4, 4055056.5, 60.3, 60.3, 0.0);
(733596.4, 4055081.5, 60.3, 60.3, 0.0);	(733596.4, 4055106.5, 60.3, 60.3, 0.0);
(733596.4, 4055131.5, 60.3, 60.3, 0.0);	(733596.4, 4055156.5, 60.2, 60.2, 0.0);
(733596.4, 4055181.5, 60.2, 60.2, 0.0);	(733596.4, 4055206.5, 60.2, 60.2, 0.0);
(733596.4, 4055231.5, 60.2, 60.2, 0.0);	(733596.4, 4055256.5, 60.2, 60.2, 0.0);
(733596.4, 4055281.5, 60.2, 60.2, 0.0);	(733596.4, 4055306.5, 60.2, 60.2, 0.0);
(733596.4, 4055331.5, 60.2, 60.2, 0.0);	(733621.4, 4052331.5, 64.3, 64.3, 0.0);
(733621.4, 4052356.5, 64.2, 64.2, 0.0);	(733621.4, 4052381.5, 64.2, 64.2, 0.0);
(733621.4, 4052406.5, 64.1, 64.1, 0.0);	(733621.4, 4052431.5, 64.0, 64.0, 0.0);
(733621.4, 4052456.5, 63.9, 63.9, 0.0);	(733621.4, 4052481.5, 63.8, 63.8, 0.0);
(733621.4, 4052506.5, 63.8, 63.8, 0.0);	(733621.4, 4052531.5, 63.7, 63.7, 0.0);
(733621.4, 4052556.5, 63.6, 63.6, 0.0);	(733621.4, 4052581.5, 63.5, 63.5, 0.0);
(733621.4, 4052606.5, 63.5, 63.5, 0.0);	(733621.4, 4052631.5, 63.4, 63.4, 0.0);
(733621.4, 4052656.5, 63.3, 63.3, 0.0);	(733621.4, 4052681.5, 63.3, 63.3, 0.0);
(733621.4, 4052706.5, 63.2, 63.2, 0.0);	(733621.4, 4052731.5, 63.2, 63.2, 0.0);
(733621.4, 4052756.5, 63.1, 63.1, 0.0);	(733621.4, 4052781.5, 63.0, 63.0, 0.0);
(733621.4, 4052806.5, 62.9, 62.9, 0.0);	(733621.4, 4052831.5, 62.9, 62.9, 0.0);
(733621.4, 4052856.5, 62.8, 62.8, 0.0);	(733621.4, 4052881.5, 62.8, 62.8, 0.0);
(733621.4, 4052906.5, 62.7, 62.7, 0.0);	(733621.4, 4052931.5, 62.7, 62.7, 0.0);
(733621.4, 4052956.5, 62.6, 62.6, 0.0);	(733621.4, 4052981.5, 62.5, 62.5, 0.0);
(733621.4, 4053006.5, 62.5, 62.5, 0.0);	(733621.4, 4053031.5, 62.4, 62.4, 0.0);
(733621.4, 4053056.5, 62.4, 62.4, 0.0);	(733621.4, 4053081.5, 62.3, 62.3, 0.0);
(733621.4, 4053106.5, 62.3, 62.3, 0.0);	(733621.4, 4053131.5, 62.3, 62.3, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733621.4, 4053156.5, 62.2, 62.2, 0.0);	(733621.4, 4053181.5, 62.2, 62.2, 0.0);
(733621.4, 4053206.5, 62.1, 62.1, 0.0);	(733621.4, 4053231.5, 62.1, 62.1, 0.0);
(733621.4, 4053256.5, 62.0, 62.0, 0.0);	(733621.4, 4053281.5, 62.0, 62.0, 0.0);
(733621.4, 4053306.5, 61.9, 61.9, 0.0);	(733621.4, 4053331.5, 61.9, 61.9, 0.0);

(733621.4, 4053356.5, 61.9, 61.9, 0.0);	(733621.4, 4053381.5, 61.8, 61.8, 0.0);
(733621.4, 4053406.5, 61.8, 61.8, 0.0);	(733621.4, 4053431.5, 61.7, 61.7, 0.0);
(733621.4, 4053456.5, 61.7, 61.7, 0.0);	(733621.4, 4053481.5, 61.7, 61.7, 0.0);
(733621.4, 4053506.5, 61.6, 61.6, 0.0);	(733621.4, 4053531.5, 61.6, 61.6, 0.0);
(733621.4, 4053556.5, 61.6, 61.6, 0.0);	(733621.4, 4053581.5, 61.5, 61.5, 0.0);
(733621.4, 4053606.5, 61.5, 61.5, 0.0);	(733621.4, 4053631.5, 61.4, 61.4, 0.0);
(733621.4, 4053656.5, 61.4, 61.4, 0.0);	(733621.4, 4053681.5, 61.4, 61.4, 0.0);
(733621.4, 4053706.5, 61.4, 61.4, 0.0);	(733621.4, 4053731.5, 61.3, 61.3, 0.0);
(733621.4, 4053756.5, 61.3, 61.3, 0.0);	(733621.4, 4053781.5, 61.3, 61.3, 0.0);
(733621.4, 4053806.5, 61.3, 61.3, 0.0);	(733621.4, 4053831.5, 61.2, 61.2, 0.0);
(733621.4, 4053856.5, 61.2, 61.2, 0.0);	(733621.4, 4053881.5, 61.2, 61.2, 0.0);
(733621.4, 4053906.5, 61.1, 61.1, 0.0);	(733621.4, 4053931.5, 61.1, 61.1, 0.0);
(733621.4, 4053956.5, 61.1, 61.1, 0.0);	(733621.4, 4053981.5, 61.1, 61.1, 0.0);
(733621.4, 4054006.5, 61.0, 61.0, 0.0);	(733621.4, 4054031.5, 61.0, 61.0, 0.0);
(733621.4, 4054056.5, 60.9, 60.9, 0.0);	(733621.4, 4054081.5, 61.0, 61.0, 0.0);
(733621.4, 4054106.5, 60.9, 60.9, 0.0);	(733621.4, 4054131.5, 60.9, 60.9, 0.0);
(733621.4, 4054156.5, 60.9, 60.9, 0.0);	(733621.4, 4054181.5, 60.9, 60.9, 0.0);
(733621.4, 4054206.5, 60.8, 60.8, 0.0);	(733621.4, 4054231.5, 60.8, 60.8, 0.0);
(733621.4, 4054256.5, 60.8, 60.8, 0.0);	(733621.4, 4054281.5, 60.8, 60.8, 0.0);
(733621.4, 4054306.5, 60.8, 60.8, 0.0);	(733621.4, 4054331.5, 60.7, 60.7, 0.0);
(733621.4, 4054356.5, 60.7, 60.7, 0.0);	(733621.4, 4054381.5, 60.7, 60.7, 0.0);
(733621.4, 4054406.5, 60.7, 60.7, 0.0);	(733621.4, 4054431.5, 60.6, 60.6, 0.0);
(733621.4, 4054456.5, 60.6, 60.6, 0.0);	(733621.4, 4054481.5, 60.6, 60.6, 0.0);
(733621.4, 4054506.5, 60.6, 60.6, 0.0);	(733621.4, 4054531.5, 60.6, 60.6, 0.0);
(733621.4, 4054556.5, 60.5, 60.5, 0.0);	(733621.4, 4054581.5, 60.5, 60.5, 0.0);
(733621.4, 4054606.5, 60.5, 60.5, 0.0);	(733621.4, 4054631.5, 60.5, 60.5, 0.0);
(733621.4, 4054656.5, 60.5, 60.5, 0.0);	(733621.4, 4054681.5, 60.5, 60.5, 0.0);
(733621.4, 4054706.5, 60.5, 60.5, 0.0);	(733621.4, 4054731.5, 60.4, 60.4, 0.0);
(733621.4, 4054756.5, 60.4, 60.4, 0.0);	(733621.4, 4054781.5, 60.4, 60.4, 0.0);
(733621.4, 4054806.5, 60.4, 60.4, 0.0);	(733621.4, 4054831.5, 60.4, 60.4, 0.0);
(733621.4, 4054856.5, 60.4, 60.4, 0.0);	(733621.4, 4054881.5, 60.4, 60.4, 0.0);
(733621.4, 4054906.5, 60.3, 60.3, 0.0);	(733621.4, 4054931.5, 60.3, 60.3, 0.0);
(733621.4, 4054956.5, 60.3, 60.3, 0.0);	(733621.4, 4054981.5, 60.3, 60.3, 0.0);
(733621.4, 4055006.5, 60.3, 60.3, 0.0);	(733621.4, 4055031.5, 60.3, 60.3, 0.0);
(733621.4, 4055056.5, 60.3, 60.3, 0.0);	(733621.4, 4055081.5, 60.2, 60.2, 0.0);
(733621.4, 4055106.5, 60.2, 60.2, 0.0);	(733621.4, 4055131.5, 60.2, 60.2, 0.0);
(733621.4, 4055156.5, 60.2, 60.2, 0.0);	(733621.4, 4055181.5, 60.2, 60.2, 0.0);
(733621.4, 4055206.5, 60.2, 60.2, 0.0);	(733621.4, 4055231.5, 60.2, 60.2, 0.0);
(733621.4, 4055256.5, 60.2, 60.2, 0.0);	(733621.4, 4055281.5, 60.2, 60.2, 0.0);
(733621.4, 4055306.5, 60.2, 60.2, 0.0);	(733621.4, 4055331.5, 60.2, 60.2, 0.0);
(733646.4, 4052331.5, 64.3, 64.3, 0.0);	(733646.4, 4052356.5, 64.2, 64.2, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733646.4, 4052381.5, 64.1, 64.1, 0.0);	(733646.4, 4052406.5, 64.0, 64.0, 0.0);
(733646.4, 4052431.5, 63.9, 63.9, 0.0);	(733646.4, 4052456.5, 63.9, 63.9, 0.0);
(733646.4, 4052481.5, 63.8, 63.8, 0.0);	(733646.4, 4052506.5, 63.7, 63.7, 0.0);
(733646.4, 4052531.5, 63.6, 63.6, 0.0);	(733646.4, 4052556.5, 63.6, 63.6, 0.0);
(733646.4, 4052581.5, 63.5, 63.5, 0.0);	(733646.4, 4052606.5, 63.4, 63.4, 0.0);
(733646.4, 4052631.5, 63.4, 63.4, 0.0);	(733646.4, 4052656.5, 63.3, 63.3, 0.0);
(733646.4, 4052681.5, 63.2, 63.2, 0.0);	(733646.4, 4052706.5, 63.2, 63.2, 0.0);
(733646.4, 4052731.5, 63.1, 63.1, 0.0);	(733646.4, 4052756.5, 63.0, 63.0, 0.0);
(733646.4, 4052781.5, 63.0, 63.0, 0.0);	(733646.4, 4052806.5, 62.9, 62.9, 0.0);
(733646.4, 4052831.5, 62.9, 62.9, 0.0);	(733646.4, 4052856.5, 62.8, 62.8, 0.0);
(733646.4, 4052881.5, 62.7, 62.7, 0.0);	(733646.4, 4052906.5, 62.7, 62.7, 0.0);
(733646.4, 4052931.5, 62.6, 62.6, 0.0);	(733646.4, 4052956.5, 62.6, 62.6, 0.0);
(733646.4, 4052981.5, 62.5, 62.5, 0.0);	(733646.4, 4053006.5, 62.4, 62.4, 0.0);
(733646.4, 4053031.5, 62.4, 62.4, 0.0);	(733646.4, 4053056.5, 62.3, 62.3, 0.0);
(733646.4, 4053081.5, 62.3, 62.3, 0.0);	(733646.4, 4053106.5, 62.2, 62.2, 0.0);
(733646.4, 4053131.5, 62.2, 62.2, 0.0);	(733646.4, 4053156.5, 62.1, 62.1, 0.0);
(733646.4, 4053181.5, 62.1, 62.1, 0.0);	(733646.4, 4053206.5, 62.1, 62.1, 0.0);
(733646.4, 4053231.5, 62.0, 62.0, 0.0);	(733646.4, 4053256.5, 62.0, 62.0, 0.0);
(733646.4, 4053281.5, 61.9, 61.9, 0.0);	(733646.4, 4053306.5, 61.9, 61.9, 0.0);
(733646.4, 4053331.5, 61.9, 61.9, 0.0);	(733646.4, 4053356.5, 61.8, 61.8, 0.0);
(733646.4, 4053381.5, 61.8, 61.8, 0.0);	(733646.4, 4053406.5, 61.7, 61.7, 0.0);
(733646.4, 4053431.5, 61.7, 61.7, 0.0);	(733646.4, 4053456.5, 61.7, 61.7, 0.0);
(733646.4, 4053481.5, 61.6, 61.6, 0.0);	(733646.4, 4053506.5, 61.6, 61.6, 0.0);
(733646.4, 4053531.5, 61.5, 61.5, 0.0);	(733646.4, 4053556.5, 61.5, 61.5, 0.0);
(733646.4, 4053581.5, 61.5, 61.5, 0.0);	(733646.4, 4053606.5, 61.5, 61.5, 0.0);
(733646.4, 4053631.5, 61.4, 61.4, 0.0);	(733646.4, 4053656.5, 61.4, 61.4, 0.0);
(733646.4, 4053681.5, 61.4, 61.4, 0.0);	(733646.4, 4053706.5, 61.3, 61.3, 0.0);
(733646.4, 4053731.5, 61.3, 61.3, 0.0);	(733646.4, 4053756.5, 61.2, 61.2, 0.0);
(733646.4, 4053781.5, 61.2, 61.2, 0.0);	(733646.4, 4053806.5, 61.2, 61.2, 0.0);
(733646.4, 4053831.5, 61.2, 61.2, 0.0);	(733646.4, 4053856.5, 61.1, 61.1, 0.0);
(733646.4, 4053881.5, 61.1, 61.1, 0.0);	(733646.4, 4053906.5, 61.1, 61.1, 0.0);
(733646.4, 4053931.5, 61.0, 61.0, 0.0);	(733646.4, 4053956.5, 61.1, 61.1, 0.0);
(733646.4, 4053981.5, 61.0, 61.0, 0.0);	(733646.4, 4054006.5, 61.0, 61.0, 0.0);
(733646.4, 4054031.5, 61.0, 61.0, 0.0);	(733646.4, 4054056.5, 60.8, 60.8, 0.0);
(733646.4, 4054081.5, 60.9, 60.9, 0.0);	(733646.4, 4054106.5, 60.9, 60.9, 0.0);
(733646.4, 4054131.5, 60.9, 60.9, 0.0);	(733646.4, 4054156.5, 60.8, 60.8, 0.0);
(733646.4, 4054181.5, 60.8, 60.8, 0.0);	(733646.4, 4054206.5, 60.8, 60.8, 0.0);
(733646.4, 4054231.5, 60.8, 60.8, 0.0);	(733646.4, 4054256.5, 60.7, 60.7, 0.0);
(733646.4, 4054281.5, 60.7, 60.7, 0.0);	(733646.4, 4054306.5, 60.7, 60.7, 0.0);
(733646.4, 4054331.5, 60.7, 60.7, 0.0);	(733646.4, 4054356.5, 60.6, 60.6, 0.0);
(733646.4, 4054381.5, 60.6, 60.6, 0.0);	(733646.4, 4054406.5, 60.6, 60.6, 0.0);
(733646.4, 4054431.5, 60.6, 60.6, 0.0);	(733646.4, 4054456.5, 60.6, 60.6, 0.0);
(733646.4, 4054481.5, 60.6, 60.6, 0.0);	(733646.4, 4054506.5, 60.6, 60.6, 0.0);
(733646.4, 4054531.5, 60.5, 60.5, 0.0);	(733646.4, 4054556.5, 60.5, 60.5, 0.0);
(733646.4, 4054581.5, 60.5, 60.5, 0.0);	(733646.4, 4054606.5, 60.5, 60.5, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733646.4, 4054631.5, 60.5, 60.5, 0.0);	(733646.4, 4054656.5, 60.4, 60.4, 0.0);
(733646.4, 4054681.5, 60.4, 60.4, 0.0);	(733646.4, 4054706.5, 60.4, 60.4, 0.0);
(733646.4, 4054731.5, 60.4, 60.4, 0.0);	(733646.4, 4054756.5, 60.4, 60.4, 0.0);
(733646.4, 4054781.5, 60.4, 60.4, 0.0);	(733646.4, 4054806.5, 60.4, 60.4, 0.0);
(733646.4, 4054831.5, 60.3, 60.3, 0.0);	(733646.4, 4054856.5, 60.3, 60.3, 0.0);
(733646.4, 4054881.5, 60.3, 60.3, 0.0);	(733646.4, 4054906.5, 60.3, 60.3, 0.0);
(733646.4, 4054931.5, 60.3, 60.3, 0.0);	(733646.4, 4054956.5, 60.3, 60.3, 0.0);
(733646.4, 4054981.5, 60.2, 60.2, 0.0);	(733646.4, 4055006.5, 60.2, 60.2, 0.0);
(733646.4, 4055031.5, 60.2, 60.2, 0.0);	(733646.4, 4055056.5, 60.2, 60.2, 0.0);
(733646.4, 4055081.5, 60.2, 60.2, 0.0);	(733646.4, 4055106.5, 60.2, 60.2, 0.0);
(733646.4, 4055131.5, 60.2, 60.2, 0.0);	(733646.4, 4055156.5, 60.2, 60.2, 0.0);

(733646.4, 4055181.5, 60.2, 60.2, 0.0);	(733646.4, 4055206.5, 60.1, 60.1, 0.0);
(733646.4, 4055231.5, 60.1, 60.1, 0.0);	(733646.4, 4055256.5, 60.1, 60.1, 0.0);
(733646.4, 4055281.5, 60.1, 60.1, 0.0);	(733646.4, 4055306.5, 60.1, 60.1, 0.0);
(733646.4, 4055331.5, 60.1, 60.1, 0.0);	(733671.4, 4052331.5, 64.3, 64.3, 0.0);
(733671.4, 4052356.5, 64.2, 64.2, 0.0);	(733671.4, 4052381.5, 64.1, 64.1, 0.0);
(733671.4, 4052406.5, 64.0, 64.0, 0.0);	(733671.4, 4052431.5, 63.9, 63.9, 0.0);
(733671.4, 4052456.5, 63.8, 63.8, 0.0);	(733671.4, 4052481.5, 63.8, 63.8, 0.0);
(733671.4, 4052506.5, 63.7, 63.7, 0.0);	(733671.4, 4052531.5, 63.6, 63.6, 0.0);
(733671.4, 4052556.5, 63.5, 63.5, 0.0);	(733671.4, 4052581.5, 63.5, 63.5, 0.0);
(733671.4, 4052606.5, 63.4, 63.4, 0.0);	(733671.4, 4052631.5, 63.3, 63.3, 0.0);
(733671.4, 4052656.5, 63.2, 63.2, 0.0);	(733671.4, 4052681.5, 63.2, 63.2, 0.0);
(733671.4, 4052706.5, 63.1, 63.1, 0.0);	(733671.4, 4052731.5, 63.1, 63.1, 0.0);
(733671.4, 4052756.5, 63.0, 63.0, 0.0);	(733671.4, 4052781.5, 63.0, 63.0, 0.0);
(733671.4, 4052806.5, 62.9, 62.9, 0.0);	(733671.4, 4052831.5, 62.8, 62.8, 0.0);
(733671.4, 4052856.5, 62.8, 62.8, 0.0);	(733671.4, 4052881.5, 62.7, 62.7, 0.0);
(733671.4, 4052906.5, 62.6, 62.6, 0.0);	(733671.4, 4052931.5, 62.6, 62.6, 0.0);
(733671.4, 4052956.5, 62.5, 62.5, 0.0);	(733671.4, 4052981.5, 62.5, 62.5, 0.0);
(733671.4, 4053006.5, 62.4, 62.4, 0.0);	(733671.4, 4053031.5, 62.4, 62.4, 0.0);
(733671.4, 4053056.5, 62.3, 62.3, 0.0);	(733671.4, 4053081.5, 62.3, 62.3, 0.0);
(733671.4, 4053106.5, 62.2, 62.2, 0.0);	(733671.4, 4053131.5, 62.2, 62.2, 0.0);
(733671.4, 4053156.5, 62.1, 62.1, 0.0);	(733671.4, 4053181.5, 62.1, 62.1, 0.0);
(733671.4, 4053206.5, 62.0, 62.0, 0.0);	(733671.4, 4053231.5, 62.0, 62.0, 0.0);
(733671.4, 4053256.5, 61.9, 61.9, 0.0);	(733671.4, 4053281.5, 61.9, 61.9, 0.0);
(733671.4, 4053306.5, 61.9, 61.9, 0.0);	(733671.4, 4053331.5, 61.8, 61.8, 0.0);
(733671.4, 4053356.5, 61.8, 61.8, 0.0);	(733671.4, 4053381.5, 61.7, 61.7, 0.0);
(733671.4, 4053406.5, 61.7, 61.7, 0.0);	(733671.4, 4053431.5, 61.7, 61.7, 0.0);
(733671.4, 4053456.5, 61.6, 61.6, 0.0);	(733671.4, 4053481.5, 61.6, 61.6, 0.0);
(733671.4, 4053506.5, 61.5, 61.5, 0.0);	(733671.4, 4053531.5, 61.5, 61.5, 0.0);
(733671.4, 4053556.5, 61.5, 61.5, 0.0);	(733671.4, 4053581.5, 61.4, 61.4, 0.0);
(733671.4, 4053606.5, 61.4, 61.4, 0.0);	(733671.4, 4053631.5, 61.4, 61.4, 0.0);
(733671.4, 4053656.5, 61.4, 61.4, 0.0);	(733671.4, 4053681.5, 61.3, 61.3, 0.0);
(733671.4, 4053706.5, 61.3, 61.3, 0.0);	(733671.4, 4053731.5, 61.2, 61.2, 0.0);
(733671.4, 4053756.5, 61.2, 61.2, 0.0);	(733671.4, 4053781.5, 61.2, 61.2, 0.0);
(733671.4, 4053806.5, 61.1, 61.1, 0.0);	(733671.4, 4053831.5, 61.1, 61.1, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733671.4, 4053856.5, 61.1, 61.1, 0.0);	(733671.4, 4053881.5, 61.1, 61.1, 0.0);
(733671.4, 4053906.5, 61.0, 61.0, 0.0);	(733671.4, 4053931.5, 61.0, 61.0, 0.0);
(733671.4, 4053956.5, 61.0, 61.0, 0.0);	(733671.4, 4053981.5, 61.0, 61.0, 0.0);
(733671.4, 4054006.5, 61.0, 61.0, 0.0);	(733671.4, 4054031.5, 60.9, 60.9, 0.0);
(733671.4, 4054056.5, 60.8, 60.8, 0.0);	(733671.4, 4054081.5, 60.9, 60.9, 0.0);
(733671.4, 4054106.5, 60.9, 60.9, 0.0);	(733671.4, 4054131.5, 60.8, 60.8, 0.0);
(733671.4, 4054156.5, 60.8, 60.8, 0.0);	(733671.4, 4054181.5, 60.7, 60.7, 0.0);
(733671.4, 4054206.5, 60.7, 60.7, 0.0);	(733671.4, 4054231.5, 60.7, 60.7, 0.0);
(733671.4, 4054256.5, 60.7, 60.7, 0.0);	(733671.4, 4054281.5, 60.7, 60.7, 0.0);
(733671.4, 4054306.5, 60.7, 60.7, 0.0);	(733671.4, 4054331.5, 60.6, 60.6, 0.0);
(733671.4, 4054356.5, 60.6, 60.6, 0.0);	(733671.4, 4054381.5, 60.6, 60.6, 0.0);
(733671.4, 4054406.5, 60.6, 60.6, 0.0);	(733671.4, 4054431.5, 60.6, 60.6, 0.0);
(733671.4, 4054456.5, 60.5, 60.5, 0.0);	(733671.4, 4054481.5, 60.5, 60.5, 0.0);
(733671.4, 4054506.5, 60.5, 60.5, 0.0);	(733671.4, 4054531.5, 60.5, 60.5, 0.0);
(733671.4, 4054556.5, 60.5, 60.5, 0.0);	(733671.4, 4054581.5, 60.5, 60.5, 0.0);
(733671.4, 4054606.5, 60.4, 60.4, 0.0);	(733671.4, 4054631.5, 60.4, 60.4, 0.0);
(733671.4, 4054656.5, 60.4, 60.4, 0.0);	(733671.4, 4054681.5, 60.4, 60.4, 0.0);
(733671.4, 4054706.5, 60.4, 60.4, 0.0);	(733671.4, 4054731.5, 60.4, 60.4, 0.0);
(733671.4, 4054756.5, 60.3, 60.3, 0.0);	(733671.4, 4054781.5, 60.3, 60.3, 0.0);
(733671.4, 4054806.5, 60.3, 60.3, 0.0);	(733671.4, 4054831.5, 60.3, 60.3, 0.0);
(733671.4, 4054856.5, 60.3, 60.3, 0.0);	(733671.4, 4054881.5, 60.3, 60.3, 0.0);
(733671.4, 4054906.5, 60.3, 60.3, 0.0);	(733671.4, 4054931.5, 60.2, 60.2, 0.0);
(733671.4, 4054956.5, 60.2, 60.2, 0.0);	(733671.4, 4054981.5, 60.2, 60.2, 0.0);
(733671.4, 4055006.5, 60.2, 60.2, 0.0);	(733671.4, 4055031.5, 60.2, 60.2, 0.0);
(733671.4, 4055056.5, 60.2, 60.2, 0.0);	(733671.4, 4055081.5, 60.2, 60.2, 0.0);
(733671.4, 4055106.5, 60.1, 60.1, 0.0);	(733671.4, 4055131.5, 60.1, 60.1, 0.0);
(733671.4, 4055156.5, 60.1, 60.1, 0.0);	(733671.4, 4055181.5, 60.1, 60.1, 0.0);
(733671.4, 4055206.5, 60.1, 60.1, 0.0);	(733671.4, 4055231.5, 60.1, 60.1, 0.0);
(733671.4, 4055256.5, 60.1, 60.1, 0.0);	(733671.4, 4055281.5, 60.1, 60.1, 0.0);
(733671.4, 4055306.5, 60.1, 60.1, 0.0);	(733671.4, 4055331.5, 60.1, 60.1, 0.0);
(733696.4, 4052331.5, 64.2, 64.2, 0.0);	(733696.4, 4052356.5, 64.1, 64.1, 0.0);
(733696.4, 4052381.5, 64.0, 64.0, 0.0);	(733696.4, 4052406.5, 63.9, 63.9, 0.0);
(733696.4, 4052431.5, 63.9, 63.9, 0.0);	(733696.4, 4052456.5, 63.8, 63.8, 0.0);
(733696.4, 4052481.5, 63.7, 63.7, 0.0);	(733696.4, 4052506.5, 63.6, 63.6, 0.0);
(733696.4, 4052531.5, 63.6, 63.6, 0.0);	(733696.4, 4052556.5, 63.5, 63.5, 0.0);
(733696.4, 4052581.5, 63.4, 63.4, 0.0);	(733696.4, 4052606.5, 63.3, 63.3, 0.0);
(733696.4, 4052631.5, 63.3, 63.3, 0.0);	(733696.4, 4052656.5, 63.2, 63.2, 0.0);
(733696.4, 4052681.5, 63.1, 63.1, 0.0);	(733696.4, 4052706.5, 63.1, 63.1, 0.0);
(733696.4, 4052731.5, 63.0, 63.0, 0.0);	(733696.4, 4052756.5, 63.0, 63.0, 0.0);
(733696.4, 4052781.5, 62.9, 62.9, 0.0);	(733696.4, 4052806.5, 62.8, 62.8, 0.0);
(733696.4, 4052831.5, 62.8, 62.8, 0.0);	(733696.4, 4052856.5, 62.7, 62.7, 0.0);
(733696.4, 4052881.5, 62.7, 62.7, 0.0);	(733696.4, 4052906.5, 62.6, 62.6, 0.0);
(733696.4, 4052931.5, 62.5, 62.5, 0.0);	(733696.4, 4052956.5, 62.5, 62.5, 0.0);
(733696.4, 4052981.5, 62.4, 62.4, 0.0);	(733696.4, 4053006.5, 62.4, 62.4, 0.0);
(733696.4, 4053031.5, 62.3, 62.3, 0.0);	(733696.4, 4053056.5, 62.3, 62.3, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733696.4, 4053081.5, 62.2, 62.2, 0.0);	(733696.4, 4053106.5, 62.2, 62.2, 0.0);
(733696.4, 4053131.5, 62.1, 62.1, 0.0);	(733696.4, 4053156.5, 62.1, 62.1, 0.0);
(733696.4, 4053181.5, 62.0, 62.0, 0.0);	(733696.4, 4053206.5, 62.0, 62.0, 0.0);
(733696.4, 4053231.5, 61.9, 61.9, 0.0);	(733696.4, 4053256.5, 61.9, 61.9, 0.0);
(733696.4, 4053281.5, 61.9, 61.9, 0.0);	(733696.4, 4053306.5, 61.8, 61.8, 0.0);
(733696.4, 4053331.5, 61.8, 61.8, 0.0);	(733696.4, 4053356.5, 61.7, 61.7, 0.0);
(733696.4, 4053381.5, 61.7, 61.7, 0.0);	(733696.4, 4053406.5, 61.7, 61.7, 0.0);
(733696.4, 4053431.5, 61.6, 61.6, 0.0);	(733696.4, 4053456.5, 61.6, 61.6, 0.0);
(733696.4, 4053481.5, 61.6, 61.6, 0.0);	(733696.4, 4053506.5, 61.5, 61.5, 0.0);
(733696.4, 4053531.5, 61.5, 61.5, 0.0);	(733696.4, 4053556.5, 61.4, 61.4, 0.0);
(733696.4, 4053581.5, 61.4, 61.4, 0.0);	(733696.4, 4053606.5, 61.4, 61.4, 0.0);
(733696.4, 4053631.5, 61.4, 61.4, 0.0);	(733696.4, 4053656.5, 61.3, 61.3, 0.0);
(733696.4, 4053681.5, 61.3, 61.3, 0.0);	(733696.4, 4053706.5, 61.3, 61.3, 0.0);
(733696.4, 4053731.5, 61.2, 61.2, 0.0);	(733696.4, 4053756.5, 61.2, 61.2, 0.0);
(733696.4, 4053781.5, 61.2, 61.2, 0.0);	(733696.4, 4053806.5, 61.1, 61.1, 0.0);
(733696.4, 4053831.5, 61.1, 61.1, 0.0);	(733696.4, 4053856.5, 61.1, 61.1, 0.0);
(733696.4, 4053881.5, 61.1, 61.1, 0.0);	(733696.4, 4053906.5, 61.0, 61.0, 0.0);
(733696.4, 4053931.5, 60.9, 60.9, 0.0);	(733696.4, 4053956.5, 60.9, 60.9, 0.0);

(733696.4, 4053981.5, 60.9, 60.9, 0.0);	(733696.4, 4054006.5, 60.9, 60.9, 0.0);
(733696.4, 4054031.5, 60.9, 60.9, 0.0);	(733696.4, 4054056.5, 60.8, 60.8, 0.0);
(733696.4, 4054081.5, 60.8, 60.8, 0.0);	(733696.4, 4054106.5, 60.8, 60.8, 0.0);
(733696.4, 4054131.5, 60.8, 60.8, 0.0);	(733696.4, 4054156.5, 60.8, 60.8, 0.0);
(733696.4, 4054181.5, 60.7, 60.7, 0.0);	(733696.4, 4054206.5, 60.7, 60.7, 0.0);
(733696.4, 4054231.5, 60.7, 60.7, 0.0);	(733696.4, 4054256.5, 60.7, 60.7, 0.0);
(733696.4, 4054281.5, 60.6, 60.6, 0.0);	(733696.4, 4054306.5, 60.6, 60.6, 0.0);
(733696.4, 4054331.5, 60.6, 60.6, 0.0);	(733696.4, 4054356.5, 60.6, 60.6, 0.0);
(733696.4, 4054381.5, 60.6, 60.6, 0.0);	(733696.4, 4054406.5, 60.5, 60.5, 0.0);
(733696.4, 4054431.5, 60.5, 60.5, 0.0);	(733696.4, 4054456.5, 60.5, 60.5, 0.0);
(733696.4, 4054481.5, 60.5, 60.5, 0.0);	(733696.4, 4054506.5, 60.5, 60.5, 0.0);
(733696.4, 4054531.5, 60.5, 60.5, 0.0);	(733696.4, 4054556.5, 60.4, 60.4, 0.0);
(733696.4, 4054581.5, 60.4, 60.4, 0.0);	(733696.4, 4054606.5, 60.4, 60.4, 0.0);
(733696.4, 4054631.5, 60.4, 60.4, 0.0);	(733696.4, 4054656.5, 60.4, 60.4, 0.0);
(733696.4, 4054681.5, 60.3, 60.3, 0.0);	(733696.4, 4054706.5, 60.3, 60.3, 0.0);
(733696.4, 4054731.5, 60.3, 60.3, 0.0);	(733696.4, 4054756.5, 60.3, 60.3, 0.0);
(733696.4, 4054781.5, 60.3, 60.3, 0.0);	(733696.4, 4054806.5, 60.3, 60.3, 0.0);
(733696.4, 4054831.5, 60.3, 60.3, 0.0);	(733696.4, 4054856.5, 60.3, 60.3, 0.0);
(733696.4, 4054881.5, 60.2, 60.2, 0.0);	(733696.4, 4054906.5, 60.2, 60.2, 0.0);
(733696.4, 4054931.5, 60.2, 60.2, 0.0);	(733696.4, 4054956.5, 60.2, 60.2, 0.0);
(733696.4, 4054981.5, 60.2, 60.2, 0.0);	(733696.4, 4055006.5, 60.2, 60.2, 0.0);
(733696.4, 4055031.5, 60.1, 60.1, 0.0);	(733696.4, 4055056.5, 60.1, 60.1, 0.0);
(733696.4, 4055081.5, 60.1, 60.1, 0.0);	(733696.4, 4055106.5, 60.1, 60.1, 0.0);
(733696.4, 4055131.5, 60.1, 60.1, 0.0);	(733696.4, 4055156.5, 60.1, 60.1, 0.0);
(733696.4, 4055181.5, 60.1, 60.1, 0.0);	(733696.4, 4055206.5, 60.1, 60.1, 0.0);
(733696.4, 4055231.5, 60.0, 60.0, 0.0);	(733696.4, 4055256.5, 60.0, 60.0, 0.0);
(733696.4, 4055281.5, 60.0, 60.0, 0.0);	(733696.4, 4055306.5, 60.0, 60.0, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 78

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733721.4, 4052356.5, 64.0, 64.0, 0.0);	(733721.4, 4052381.5, 64.0, 64.0, 0.0);
(733721.4, 4052406.5, 63.9, 63.9, 0.0);	(733721.4, 4052431.5, 63.8, 63.8, 0.0);
(733721.4, 4052456.5, 63.8, 63.8, 0.0);	(733721.4, 4052481.5, 63.7, 63.7, 0.0);
(733721.4, 4052506.5, 63.6, 63.6, 0.0);	(733721.4, 4052531.5, 63.5, 63.5, 0.0);
(733721.4, 4052556.5, 63.4, 63.4, 0.0);	(733721.4, 4052581.5, 63.4, 63.4, 0.0);
(733721.4, 4052606.5, 63.3, 63.3, 0.0);	(733721.4, 4052631.5, 63.2, 63.2, 0.0);
(733721.4, 4052656.5, 63.2, 63.2, 0.0);	(733721.4, 4052681.5, 63.1, 63.1, 0.0);
(733721.4, 4052706.5, 63.0, 63.0, 0.0);	(733721.4, 4052731.5, 63.0, 63.0, 0.0);
(733721.4, 4052756.5, 62.9, 62.9, 0.0);	(733721.4, 4052781.5, 62.9, 62.9, 0.0);
(733721.4, 4052806.5, 62.8, 62.8, 0.0);	(733721.4, 4052831.5, 62.8, 62.8, 0.0);
(733721.4, 4052856.5, 62.7, 62.7, 0.0);	(733721.4, 4052881.5, 62.6, 62.6, 0.0);
(733721.4, 4052906.5, 62.6, 62.6, 0.0);	(733721.4, 4052931.5, 62.5, 62.5, 0.0);
(733721.4, 4052956.5, 62.4, 62.4, 0.0);	(733721.4, 4052981.5, 62.4, 62.4, 0.0);
(733721.4, 4053006.5, 62.3, 62.3, 0.0);	(733721.4, 4053031.5, 62.3, 62.3, 0.0);
(733721.4, 4053056.5, 62.2, 62.2, 0.0);	(733721.4, 4053081.5, 62.2, 62.2, 0.0);
(733721.4, 4053106.5, 62.1, 62.1, 0.0);	(733721.4, 4053131.5, 62.1, 62.1, 0.0);
(733721.4, 4053156.5, 62.0, 62.0, 0.0);	(733721.4, 4053181.5, 62.0, 62.0, 0.0);
(733721.4, 4053206.5, 61.9, 61.9, 0.0);	(733721.4, 4053231.5, 61.9, 61.9, 0.0);
(733721.4, 4053256.5, 61.8, 61.8, 0.0);	(733721.4, 4053281.5, 61.8, 61.8, 0.0);
(733721.4, 4053306.5, 61.8, 61.8, 0.0);	(733721.4, 4053331.5, 61.7, 61.7, 0.0);
(733721.4, 4053356.5, 61.7, 61.7, 0.0);	(733721.4, 4053381.5, 61.7, 61.7, 0.0);
(733721.4, 4053406.5, 61.6, 61.6, 0.0);	(733721.4, 4053431.5, 61.6, 61.6, 0.0);
(733721.4, 4053456.5, 61.6, 61.6, 0.0);	(733721.4, 4053481.5, 61.5, 61.5, 0.0);
(733721.4, 4053506.5, 61.5, 61.5, 0.0);	(733721.4, 4053531.5, 61.4, 61.4, 0.0);
(733721.4, 4053556.5, 61.4, 61.4, 0.0);	(733721.4, 4053581.5, 61.4, 61.4, 0.0);
(733721.4, 4053606.5, 61.3, 61.3, 0.0);	(733721.4, 4053631.5, 61.3, 61.3, 0.0);
(733721.4, 4053656.5, 61.3, 61.3, 0.0);	(733721.4, 4053681.5, 61.2, 61.2, 0.0);
(733721.4, 4053706.5, 61.2, 61.2, 0.0);	(733721.4, 4053731.5, 61.2, 61.2, 0.0);
(733721.4, 4053756.5, 61.2, 61.2, 0.0);	(733721.4, 4053781.5, 61.1, 61.1, 0.0);
(733721.4, 4053806.5, 61.1, 61.1, 0.0);	(733721.4, 4053831.5, 61.0, 61.0, 0.0);
(733721.4, 4053856.5, 61.0, 61.0, 0.0);	(733721.4, 4053881.5, 61.0, 61.0, 0.0);
(733721.4, 4053906.5, 61.0, 61.0, 0.0);	(733721.4, 4053931.5, 60.9, 60.9, 0.0);
(733721.4, 4053956.5, 60.8, 60.8, 0.0);	(733721.4, 4053981.5, 60.9, 60.9, 0.0);
(733721.4, 4054006.5, 60.9, 60.9, 0.0);	(733721.4, 4054031.5, 60.8, 60.8, 0.0);
(733721.4, 4054056.5, 60.7, 60.7, 0.0);	(733721.4, 4054081.5, 60.8, 60.8, 0.0);
(733721.4, 4054106.5, 60.8, 60.8, 0.0);	(733721.4, 4054131.5, 60.8, 60.8, 0.0);
(733721.4, 4054156.5, 60.7, 60.7, 0.0);	(733721.4, 4054181.5, 60.7, 60.7, 0.0);
(733721.4, 4054206.5, 60.7, 60.7, 0.0);	(733721.4, 4054231.5, 60.7, 60.7, 0.0);
(733721.4, 4054256.5, 60.6, 60.6, 0.0);	(733721.4, 4054281.5, 60.6, 60.6, 0.0);
(733721.4, 4054306.5, 60.6, 60.6, 0.0);	(733721.4, 4054331.5, 60.6, 60.6, 0.0);
(733721.4, 4054356.5, 60.6, 60.6, 0.0);	(733721.4, 4054381.5, 60.5, 60.5, 0.0);
(733721.4, 4054406.5, 60.5, 60.5, 0.0);	(733721.4, 4054431.5, 60.5, 60.5, 0.0);
(733721.4, 4054456.5, 60.5, 60.5, 0.0);	(733721.4, 4054481.5, 60.5, 60.5, 0.0);
(733721.4, 4054506.5, 60.4, 60.4, 0.0);	(733721.4, 4054531.5, 60.4, 60.4, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 79

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733746.4, 4052331.5, 64.1, 64.1, 0.0);	(733746.4, 4052356.5, 64.0, 64.0, 0.0);
(733746.4, 4052381.5, 63.9, 63.9, 0.0);	(733746.4, 4052406.5, 63.9, 63.9, 0.0);
(733746.4, 4052431.5, 63.8, 63.8, 0.0);	(733746.4, 4052456.5, 63.7, 63.7, 0.0);
(733746.4, 4052481.5, 63.6, 63.6, 0.0);	(733746.4, 4052506.5, 63.5, 63.5, 0.0);
(733746.4, 4052531.5, 63.5, 63.5, 0.0);	(733746.4, 4052556.5, 63.4, 63.4, 0.0);
(733746.4, 4052581.5, 63.3, 63.3, 0.0);	(733746.4, 4052606.5, 63.2, 63.2, 0.0);
(733746.4, 4052631.5, 63.2, 63.2, 0.0);	(733746.4, 4052656.5, 63.1, 63.1, 0.0);
(733746.4, 4052681.5, 63.1, 63.1, 0.0);	(733746.4, 4052706.5, 63.0, 63.0, 0.0);
(733746.4, 4052731.5, 62.9, 62.9, 0.0);	(733746.4, 4052756.5, 62.9, 62.9, 0.0);

(733746.4, 4052781.5, 62.8, 62.8, 0.0);	(733746.4, 4052806.5, 62.8, 62.8, 0.0);
(733746.4, 4052831.5, 62.7, 62.7, 0.0);	(733746.4, 4052856.5, 62.6, 62.6, 0.0);
(733746.4, 4052881.5, 62.6, 62.6, 0.0);	(733746.4, 4052906.5, 62.5, 62.5, 0.0);
(733746.4, 4052931.5, 62.5, 62.5, 0.0);	(733746.4, 4052956.5, 62.4, 62.4, 0.0);
(733746.4, 4052981.5, 62.3, 62.3, 0.0);	(733746.4, 4053006.5, 62.3, 62.3, 0.0);
(733746.4, 4053031.5, 62.2, 62.2, 0.0);	(733746.4, 4053056.5, 62.2, 62.2, 0.0);
(733746.4, 4053081.5, 62.1, 62.1, 0.0);	(733746.4, 4053106.5, 62.1, 62.1, 0.0);
(733746.4, 4053131.5, 62.0, 62.0, 0.0);	(733746.4, 4053156.5, 62.0, 62.0, 0.0);
(733746.4, 4053181.5, 61.9, 61.9, 0.0);	(733746.4, 4053206.5, 61.9, 61.9, 0.0);
(733746.4, 4053231.5, 61.8, 61.8, 0.0);	(733746.4, 4053256.5, 61.8, 61.8, 0.0);
(733746.4, 4053281.5, 61.8, 61.8, 0.0);	(733746.4, 4053306.5, 61.7, 61.7, 0.0);
(733746.4, 4053331.5, 61.7, 61.7, 0.0);	(733746.4, 4053356.5, 61.7, 61.7, 0.0);
(733746.4, 4053381.5, 61.6, 61.6, 0.0);	(733746.4, 4053406.5, 61.6, 61.6, 0.0);
(733746.4, 4053431.5, 61.6, 61.6, 0.0);	(733746.4, 4053456.5, 61.5, 61.5, 0.0);
(733746.4, 4053481.5, 61.5, 61.5, 0.0);	(733746.4, 4053506.5, 61.5, 61.5, 0.0);
(733746.4, 4053531.5, 61.4, 61.4, 0.0);	(733746.4, 4053556.5, 61.4, 61.4, 0.0);
(733746.4, 4053581.5, 61.3, 61.3, 0.0);	(733746.4, 4053606.5, 61.3, 61.3, 0.0);
(733746.4, 4053631.5, 61.3, 61.3, 0.0);	(733746.4, 4053656.5, 61.2, 61.2, 0.0);
(733746.4, 4053681.5, 61.2, 61.2, 0.0);	(733746.4, 4053706.5, 61.2, 61.2, 0.0);
(733746.4, 4053731.5, 61.1, 61.1, 0.0);	(733746.4, 4053756.5, 61.1, 61.1, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733746.4, 4053781.5, 61.1, 61.1, 0.0);	(733746.4, 4053806.5, 61.1, 61.1, 0.0);
(733746.4, 4053831.5, 61.0, 61.0, 0.0);	(733746.4, 4053856.5, 60.9, 60.9, 0.0);
(733746.4, 4053881.5, 60.9, 60.9, 0.0);	(733746.4, 4053906.5, 60.9, 60.9, 0.0);
(733746.4, 4053931.5, 60.9, 60.9, 0.0);	(733746.4, 4053956.5, 60.8, 60.8, 0.0);
(733746.4, 4053981.5, 60.7, 60.7, 0.0);	(733746.4, 4054006.5, 60.8, 60.8, 0.0);
(733746.4, 4054031.5, 60.8, 60.8, 0.0);	(733746.4, 4054056.5, 60.7, 60.7, 0.0);
(733746.4, 4054081.5, 60.8, 60.8, 0.0);	(733746.4, 4054106.5, 60.7, 60.7, 0.0);
(733746.4, 4054131.5, 60.7, 60.7, 0.0);	(733746.4, 4054156.5, 60.6, 60.6, 0.0);
(733746.4, 4054181.5, 60.6, 60.6, 0.0);	(733746.4, 4054206.5, 60.6, 60.6, 0.0);
(733746.4, 4054231.5, 60.6, 60.6, 0.0);	(733746.4, 4054256.5, 60.6, 60.6, 0.0);
(733746.4, 4054281.5, 60.6, 60.6, 0.0);	(733746.4, 4054306.5, 60.6, 60.6, 0.0);
(733746.4, 4054331.5, 60.5, 60.5, 0.0);	(733746.4, 4054356.5, 60.5, 60.5, 0.0);
(733746.4, 4054381.5, 60.5, 60.5, 0.0);	(733746.4, 4054406.5, 60.5, 60.5, 0.0);
(733746.4, 4054431.5, 60.4, 60.4, 0.0);	(733746.4, 4054456.5, 60.4, 60.4, 0.0);
(733746.4, 4054481.5, 60.4, 60.4, 0.0);	(733746.4, 4054506.5, 60.4, 60.4, 0.0);
(733746.4, 4054531.5, 60.4, 60.4, 0.0);	(733746.4, 4054556.5, 60.4, 60.4, 0.0);
(733746.4, 4054581.5, 60.3, 60.3, 0.0);	(733746.4, 4054606.5, 60.3, 60.3, 0.0);
(733746.4, 4054631.5, 60.3, 60.3, 0.0);	(733746.4, 4054656.5, 60.3, 60.3, 0.0);
(733746.4, 4054681.5, 60.3, 60.3, 0.0);	(733746.4, 4054706.5, 60.3, 60.3, 0.0);
(733746.4, 4054731.5, 60.2, 60.2, 0.0);	(733746.4, 4054756.5, 60.2, 60.2, 0.0);
(733746.4, 4054781.5, 60.2, 60.2, 0.0);	(733746.4, 4054806.5, 60.2, 60.2, 0.0);
(733746.4, 4054831.5, 60.2, 60.2, 0.0);	(733746.4, 4054856.5, 60.2, 60.2, 0.0);
(733746.4, 4054881.5, 60.1, 60.1, 0.0);	(733746.4, 4054906.5, 60.1, 60.1, 0.0);
(733746.4, 4054931.5, 60.1, 60.1, 0.0);	(733746.4, 4054956.5, 60.1, 60.1, 0.0);
(733746.4, 4054981.5, 60.1, 60.1, 0.0);	(733746.4, 4055006.5, 60.1, 60.1, 0.0);
(733746.4, 4055031.5, 60.1, 60.1, 0.0);	(733746.4, 4055056.5, 60.1, 60.1, 0.0);
(733746.4, 4055081.5, 60.0, 60.0, 0.0);	(733746.4, 4055106.5, 60.0, 60.0, 0.0);
(733746.4, 4055131.5, 60.0, 60.0, 0.0);	(733746.4, 4055156.5, 60.0, 60.0, 0.0);
(733746.4, 4055181.5, 60.0, 60.0, 0.0);	(733746.4, 4055206.5, 60.0, 60.0, 0.0);
(733746.4, 4055231.5, 60.0, 60.0, 0.0);	(733746.4, 4055256.5, 60.0, 60.0, 0.0);
(733746.4, 4055281.5, 60.0, 60.0, 0.0);	(733746.4, 4055306.5, 59.9, 59.9, 0.0);
(733746.4, 4055331.5, 59.9, 59.9, 0.0);	(733771.4, 4052331.5, 64.0, 64.0, 0.0);
(733771.4, 4052356.5, 64.0, 64.0, 0.0);	(733771.4, 4052381.5, 63.9, 63.9, 0.0);
(733771.4, 4052406.5, 63.8, 63.8, 0.0);	(733771.4, 4052431.5, 63.7, 63.7, 0.0);
(733771.4, 4052456.5, 63.7, 63.7, 0.0);	(733771.4, 4052481.5, 63.6, 63.6, 0.0);
(733771.4, 4052506.5, 63.5, 63.5, 0.0);	(733771.4, 4052531.5, 63.4, 63.4, 0.0);
(733771.4, 4052556.5, 63.4, 63.4, 0.0);	(733771.4, 4052581.5, 63.3, 63.3, 0.0);
(733771.4, 4052606.5, 63.2, 63.2, 0.0);	(733771.4, 4052631.5, 63.2, 63.2, 0.0);
(733771.4, 4052656.5, 63.1, 63.1, 0.0);	(733771.4, 4052681.5, 63.0, 63.0, 0.0);
(733771.4, 4052706.5, 63.0, 63.0, 0.0);	(733771.4, 4052731.5, 62.9, 62.9, 0.0);
(733771.4, 4052756.5, 62.8, 62.8, 0.0);	(733771.4, 4052781.5, 62.8, 62.8, 0.0);
(733771.4, 4052806.5, 62.7, 62.7, 0.0);	(733771.4, 4052831.5, 62.7, 62.7, 0.0);
(733771.4, 4052856.5, 62.6, 62.6, 0.0);	(733771.4, 4052881.5, 62.5, 62.5, 0.0);
(733771.4, 4052906.5, 62.5, 62.5, 0.0);	(733771.4, 4052931.5, 62.4, 62.4, 0.0);
(733771.4, 4052956.5, 62.4, 62.4, 0.0);	(733771.4, 4052981.5, 62.3, 62.3, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733771.4, 4053006.5, 62.3, 62.3, 0.0);	(733771.4, 4053031.5, 62.2, 62.2, 0.0);
(733771.4, 4053056.5, 62.2, 62.2, 0.0);	(733771.4, 4053081.5, 62.1, 62.1, 0.0);
(733771.4, 4053106.5, 62.0, 62.0, 0.0);	(733771.4, 4053131.5, 62.0, 62.0, 0.0);
(733771.4, 4053156.5, 61.9, 61.9, 0.0);	(733771.4, 4053181.5, 61.9, 61.9, 0.0);
(733771.4, 4053206.5, 61.8, 61.8, 0.0);	(733771.4, 4053231.5, 61.8, 61.8, 0.0);
(733771.4, 4053256.5, 61.8, 61.8, 0.0);	(733771.4, 4053281.5, 61.7, 61.7, 0.0);
(733771.4, 4053306.5, 61.7, 61.7, 0.0);	(733771.4, 4053331.5, 61.7, 61.7, 0.0);
(733771.4, 4053356.5, 61.6, 61.6, 0.0);	(733771.4, 4053381.5, 61.6, 61.6, 0.0);
(733771.4, 4053406.5, 61.6, 61.6, 0.0);	(733771.4, 4053431.5, 61.5, 61.5, 0.0);
(733771.4, 4053456.5, 61.5, 61.5, 0.0);	(733771.4, 4053481.5, 61.4, 61.4, 0.0);
(733771.4, 4053506.5, 61.4, 61.4, 0.0);	(733771.4, 4053531.5, 61.4, 61.4, 0.0);
(733771.4, 4053556.5, 61.3, 61.3, 0.0);	(733771.4, 4053581.5, 61.3, 61.3, 0.0);
(733771.4, 4053606.5, 61.3, 61.3, 0.0);	(733771.4, 4053631.5, 61.2, 61.2, 0.0);
(733771.4, 4053656.5, 61.2, 61.2, 0.0);	(733771.4, 4053681.5, 61.2, 61.2, 0.0);
(733771.4, 4053706.5, 61.1, 61.1, 0.0);	(733771.4, 4053731.5, 61.1, 61.1, 0.0);
(733771.4, 4053756.5, 61.0, 61.0, 0.0);	(733771.4, 4053781.5, 61.0, 61.0, 0.0);
(733771.4, 4053806.5, 61.0, 61.0, 0.0);	(733771.4, 4053831.5, 61.0, 61.0, 0.0);
(733771.4, 4053856.5, 60.9, 60.9, 0.0);	(733771.4, 4053881.5, 60.9, 60.9, 0.0);
(733771.4, 4053906.5, 60.8, 60.8, 0.0);	(733771.4, 4053931.5, 60.8, 60.8, 0.0);
(733771.4, 4053956.5, 60.8, 60.8, 0.0);	(733771.4, 4053981.5, 60.7, 60.7, 0.0);
(733771.4, 4054006.5, 60.8, 60.8, 0.0);	(733771.4, 4054031.5, 60.8, 60.8, 0.0);
(733771.4, 4054056.5, 60.7, 60.7, 0.0);	(733771.4, 4054081.5, 60.7, 60.7, 0.0);
(733771.4, 4054106.5, 60.7, 60.7, 0.0);	(733771.4, 4054131.5, 60.6, 60.6, 0.0);
(733771.4, 4054156.5, 60.6, 60.6, 0.0);	(733771.4, 4054181.5, 60.6, 60.6, 0.0);
(733771.4, 4054206.5, 60.6, 60.6, 0.0);	(733771.4, 4054231.5, 60.6, 60.6, 0.0);
(733771.4, 4054256.5, 60.6, 60.6, 0.0);	(733771.4, 4054281.5, 60.5, 60.5, 0.0);
(733771.4, 4054306.5, 60.5, 60.5, 0.0);	(733771.4, 4054331.5, 60.5, 60.5, 0.0);
(733771.4, 4054356.5, 60.5, 60.5, 0.0);	(733771.4, 4054381.5, 60.5, 60.5, 0.0);
(733771.4, 4054406.5, 60.4, 60.4, 0.0);	(733771.4, 4054431.5, 60.4, 60.4, 0.0);
(733771.4, 4054456.5, 60.4, 60.4, 0.0);	(733771.4, 4054481.5, 60.4, 60.4, 0.0);
(733771.4, 4054506.5, 60.4, 60.4, 0.0);	(733771.4, 4054531.5, 60.3, 60.3, 0.0);
(733771.4, 4054556.5, 60.3, 60.3, 0.0);	(733771.4, 4054581.5, 60.3, 60.3, 0.0);

(733771.4, 4054606.5,	60.3,	60.3,	0.0);	(733771.4, 4054631.5,	60.3,	60.3,	0.0);
(733771.4, 4054656.5,	60.2,	60.2,	0.0);	(733771.4, 4054681.5,	60.2,	60.2,	0.0);
(733771.4, 4054706.5,	60.2,	60.2,	0.0);	(733771.4, 4054731.5,	60.2,	60.2,	0.0);
(733771.4, 4054756.5,	60.2,	60.2,	0.0);	(733771.4, 4054781.5,	60.2,	60.2,	0.0);
(733771.4, 4054806.5,	60.2,	60.2,	0.0);	(733771.4, 4054831.5,	60.1,	60.1,	0.0);
(733771.4, 4054856.5,	60.1,	60.1,	0.0);	(733771.4, 4054881.5,	60.1,	60.1,	0.0);
(733771.4, 4054906.5,	60.1,	60.1,	0.0);	(733771.4, 4054931.5,	60.1,	60.1,	0.0);
(733771.4, 4054956.5,	60.1,	60.1,	0.0);	(733771.4, 4054981.5,	60.0,	60.0,	0.0);
(733771.4, 4055006.5,	60.0,	60.0,	0.0);	(733771.4, 4055031.5,	60.0,	60.0,	0.0);
(733771.4, 4055056.5,	60.0,	60.0,	0.0);	(733771.4, 4055081.5,	60.0,	60.0,	0.0);
(733771.4, 4055106.5,	60.0,	60.0,	0.0);	(733771.4, 4055131.5,	60.0,	60.0,	0.0);
(733771.4, 4055156.5,	60.0,	60.0,	0.0);	(733771.4, 4055181.5,	59.9,	59.9,	0.0);
(733771.4, 4055206.5,	59.9,	59.9,	0.0);	(733771.4, 4055231.5,	59.9,	59.9,	0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733771.4, 4055256.5,	59.9,	59.9,	0.0);	(733771.4, 4055281.5,	59.9,	59.9,	0.0);
(733771.4, 4055306.5,	59.9,	59.9,	0.0);	(733771.4, 4055331.5,	59.9,	59.9,	0.0);
(733796.4, 4052331.5,	64.0,	64.0,	0.0);	(733796.4, 4052356.5,	63.9,	63.9,	0.0);
(733796.4, 4052381.5,	63.8,	63.8,	0.0);	(733796.4, 4052406.5,	63.8,	63.8,	0.0);
(733796.4, 4052431.5,	63.7,	63.7,	0.0);	(733796.4, 4052456.5,	63.6,	63.6,	0.0);
(733796.4, 4052481.5,	63.5,	63.5,	0.0);	(733796.4, 4052506.5,	63.5,	63.5,	0.0);
(733796.4, 4052531.5,	63.4,	63.4,	0.0);	(733796.4, 4052556.5,	63.3,	63.3,	0.0);
(733796.4, 4052581.5,	63.2,	63.2,	0.0);	(733796.4, 4052606.5,	63.2,	63.2,	0.0);
(733796.4, 4052631.5,	63.1,	63.1,	0.0);	(733796.4, 4052656.5,	63.1,	63.1,	0.0);
(733796.4, 4052681.5,	63.0,	63.0,	0.0);	(733796.4, 4052706.5,	62.9,	62.9,	0.0);
(733796.4, 4052731.5,	62.9,	62.9,	0.0);	(733796.4, 4052756.5,	62.8,	62.8,	0.0);
(733796.4, 4052781.5,	62.7,	62.7,	0.0);	(733796.4, 4052806.5,	62.7,	62.7,	0.0);
(733796.4, 4052831.5,	62.6,	62.6,	0.0);	(733796.4, 4052856.5,	62.5,	62.5,	0.0);
(733796.4, 4052881.5,	62.5,	62.5,	0.0);	(733796.4, 4052906.5,	62.4,	62.4,	0.0);
(733796.4, 4052931.5,	62.4,	62.4,	0.0);	(733796.4, 4052956.5,	62.3,	62.3,	0.0);
(733796.4, 4052981.5,	62.3,	62.3,	0.0);	(733796.4, 4053006.5,	62.2,	62.2,	0.0);
(733796.4, 4053031.5,	62.2,	62.2,	0.0);	(733796.4, 4053056.5,	62.1,	62.1,	0.0);
(733796.4, 4053081.5,	62.1,	62.1,	0.0);	(733796.4, 4053106.5,	62.0,	62.0,	0.0);
(733796.4, 4053131.5,	62.0,	62.0,	0.0);	(733796.4, 4053156.5,	61.9,	61.9,	0.0);
(733796.4, 4053181.5,	61.9,	61.9,	0.0);	(733796.4, 4053206.5,	61.8,	61.8,	0.0);
(733796.4, 4053231.5,	61.8,	61.8,	0.0);	(733796.4, 4053256.5,	61.7,	61.7,	0.0);
(733796.4, 4053281.5,	61.7,	61.7,	0.0);	(733796.4, 4053306.5,	61.6,	61.6,	0.0);
(733796.4, 4053331.5,	61.6,	61.6,	0.0);	(733796.4, 4053356.5,	61.6,	61.6,	0.0);
(733796.4, 4053381.5,	61.6,	61.6,	0.0);	(733796.4, 4053406.5,	61.5,	61.5,	0.0);
(733796.4, 4053431.5,	61.5,	61.5,	0.0);	(733796.4, 4053456.5,	61.5,	61.5,	0.0);
(733796.4, 4053481.5,	61.4,	61.4,	0.0);	(733796.4, 4053506.5,	61.4,	61.4,	0.0);
(733796.4, 4053531.5,	61.3,	61.3,	0.0);	(733796.4, 4053556.5,	61.3,	61.3,	0.0);
(733796.4, 4053581.5,	61.3,	61.3,	0.0);	(733796.4, 4053606.5,	61.2,	61.2,	0.0);
(733796.4, 4053631.5,	61.2,	61.2,	0.0);	(733796.4, 4053656.5,	61.2,	61.2,	0.0);
(733796.4, 4053681.5,	61.1,	61.1,	0.0);	(733796.4, 4053706.5,	61.1,	61.1,	0.0);
(733796.4, 4053731.5,	61.1,	61.1,	0.0);	(733796.4, 4053756.5,	61.0,	61.0,	0.0);
(733796.4, 4053781.5,	61.0,	61.0,	0.0);	(733796.4, 4053806.5,	60.9,	60.9,	0.0);
(733796.4, 4053831.5,	60.9,	60.9,	0.0);	(733796.4, 4053856.5,	60.9,	60.9,	0.0);
(733796.4, 4053881.5,	60.8,	60.8,	0.0);	(733796.4, 4053906.5,	60.8,	60.8,	0.0);
(733796.4, 4053931.5,	60.7,	60.7,	0.0);	(733796.4, 4053956.5,	60.7,	60.7,	0.0);
(733796.4, 4053981.5,	60.7,	60.7,	0.0);	(733796.4, 4054006.5,	60.6,	60.6,	0.0);
(733796.4, 4054031.5,	60.7,	60.7,	0.0);	(733796.4, 4054056.5,	60.6,	60.6,	0.0);
(733796.4, 4054081.5,	60.7,	60.7,	0.0);	(733796.4, 4054106.5,	60.7,	60.7,	0.0);
(733796.4, 4054131.5,	60.6,	60.6,	0.0);	(733796.4, 4054156.5,	60.6,	60.6,	0.0);
(733796.4, 4054181.5,	60.5,	60.5,	0.0);	(733796.4, 4054206.5,	60.5,	60.5,	0.0);
(733796.4, 4054231.5,	60.5,	60.5,	0.0);	(733796.4, 4054256.5,	60.5,	60.5,	0.0);
(733796.4, 4054281.5,	60.5,	60.5,	0.0);	(733796.4, 4054306.5,	60.5,	60.5,	0.0);
(733796.4, 4054331.5,	60.5,	60.5,	0.0);	(733796.4, 4054356.5,	60.4,	60.4,	0.0);
(733796.4, 4054381.5,	60.4,	60.4,	0.0);	(733796.4, 4054406.5,	60.4,	60.4,	0.0);
(733796.4, 4054431.5,	60.4,	60.4,	0.0);	(733796.4, 4054456.5,	60.4,	60.4,	0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733796.4, 4054481.5,	60.3,	60.3,	0.0);	(733796.4, 4054506.5,	60.3,	60.3,	0.0);
(733796.4, 4054531.5,	60.3,	60.3,	0.0);	(733796.4, 4054556.5,	60.3,	60.3,	0.0);
(733796.4, 4054581.5,	60.2,	60.2,	0.0);	(733796.4, 4054606.5,	60.2,	60.2,	0.0);
(733796.4, 4054631.5,	60.2,	60.2,	0.0);	(733796.4, 4054656.5,	60.2,	60.2,	0.0);
(733796.4, 4054681.5,	60.2,	60.2,	0.0);	(733796.4, 4054706.5,	60.2,	60.2,	0.0);
(733796.4, 4054731.5,	60.2,	60.2,	0.0);	(733796.4, 4054756.5,	60.2,	60.2,	0.0);
(733796.4, 4054781.5,	60.1,	60.1,	0.0);	(733796.4, 4054806.5,	60.1,	60.1,	0.0);
(733796.4, 4054831.5,	60.1,	60.1,	0.0);	(733796.4, 4054856.5,	60.1,	60.1,	0.0);
(733796.4, 4054881.5,	60.1,	60.1,	0.0);	(733796.4, 4054906.5,	60.1,	60.1,	0.0);
(733796.4, 4054931.5,	60.0,	60.0,	0.0);	(733796.4, 4054956.5,	60.0,	60.0,	0.0);
(733796.4, 4054981.5,	60.0,	60.0,	0.0);	(733796.4, 4055006.5,	60.0,	60.0,	0.0);
(733796.4, 4055031.5,	60.0,	60.0,	0.0);	(733796.4, 4055056.5,	60.0,	60.0,	0.0);
(733796.4, 4055081.5,	60.0,	60.0,	0.0);	(733796.4, 4055106.5,	59.9,	59.9,	0.0);
(733796.4, 4055131.5,	59.9,	59.9,	0.0);	(733796.4, 4055156.5,	59.9,	59.9,	0.0);
(733796.4, 4055181.5,	59.9,	59.9,	0.0);	(733796.4, 4055206.5,	59.9,	59.9,	0.0);
(733796.4, 4055231.5,	59.9,	59.9,	0.0);	(733796.4, 4055256.5,	59.9,	59.9,	0.0);
(733796.4, 4055281.5,	59.9,	59.9,	0.0);	(733796.4, 4055306.5,	59.9,	59.9,	0.0);
(733796.4, 4055331.5,	59.9,	59.9,	0.0);	(733821.4, 4052331.5,	64.0,	64.0,	0.0);
(733821.4, 4052356.5,	63.9,	63.9,	0.0);	(733821.4, 4052381.5,	63.8,	63.8,	0.0);
(733821.4, 4052406.5,	63.7,	63.7,	0.0);	(733821.4, 4052431.5,	63.6,	63.6,	0.0);
(733821.4, 4052456.5,	63.6,	63.6,	0.0);	(733821.4, 4052481.5,	63.5,	63.5,	0.0);
(733821.4, 4052506.5,	63.4,	63.4,	0.0);	(733821.4, 4052531.5,	63.4,	63.4,	0.0);
(733821.4, 4052556.5,	63.3,	63.3,	0.0);	(733821.4, 4052581.5,	63.2,	63.2,	0.0);
(733821.4, 4052606.5,	63.1,	63.1,	0.0);	(733821.4, 4052631.5,	63.1,	63.1,	0.0);
(733821.4, 4052656.5,	63.0,	63.0,	0.0);	(733821.4, 4052681.5,	63.0,	63.0,	0.0);
(733821.4, 4052706.5,	62.9,	62.9,	0.0);	(733821.4, 4052731.5,	62.8,	62.8,	0.0);
(733821.4, 4052756.5,	62.8,	62.8,	0.0);	(733821.4, 4052781.5,	62.7,	62.7,	0.0);
(733821.4, 4052806.5,	62.6,	62.6,	0.0);	(733821.4, 4052831.5,	62.6,	62.6,	0.0);
(733821.4, 4052856.5,	62.5,	62.5,	0.0);	(733821.4, 4052881.5,	62.5,	62.5,	0.0);
(733821.4, 4052906.5,	62.4,	62.4,	0.0);	(733821.4, 4052931.5,	62.3,	62.3,	0.0);
(733821.4, 4052956.5,	62.3,	62.3,	0.0);	(733821.4, 4052981.5,	62.2,	62.2,	0.0);
(733821.4, 4053006.5,	62.2,	62.2,	0.0);	(733821.4, 4053031.5,	62.1,	62.1,	0.0);
(733821.4, 4053056.5,	62.1,	62.1,	0.0);	(733821.4, 4053081.5,	62.0,	62.0,	0.0);
(733821.4, 4053106.5,	62.0,	62.0,	0.0);	(733821.4, 4053131.5,	61.9,	61.9,	0.0);
(733821.4, 4053156.5,	61.9,	61.9,	0.0);	(733821.4, 4053181.5,	61.8,	61.8,	0.0);
(733821.4, 4053206.5,	61.8,	61.8,	0.0);	(733821.4, 4053231.5,	61.7,	61.7,	0.0);
(733821.4, 4053256.5,	61.7,	61.7,	0.0);	(733821.4, 4053281.5,	61.7,	61.7,	0.0);
(733821.4, 4053306.5,	61.6,	61.6,	0.0);	(733821.4, 4053331.5,	61.6,	61.6,	0.0);
(733821.4, 4053356.5,	61.5,	61.5,	0.0);	(733821.4, 4053381.5,	61.5,	61.5,	0.0);

(733821.4, 4053406.5, 61.5, 61.5, 0.0); (733821.4, 4053431.5, 61.4, 61.4, 0.0);
(733821.4, 4053456.5, 61.4, 61.4, 0.0); (733821.4, 4053481.5, 61.4, 61.4, 0.0);
(733821.4, 4053506.5, 61.3, 61.3, 0.0); (733821.4, 4053531.5, 61.3, 61.3, 0.0);
(733821.4, 4053556.5, 61.3, 61.3, 0.0); (733821.4, 4053581.5, 61.2, 61.2, 0.0);
(733821.4, 4053606.5, 61.2, 61.2, 0.0); (733821.4, 4053631.5, 61.2, 61.2, 0.0);
(733821.4, 4053656.5, 61.1, 61.1, 0.0); (733821.4, 4053681.5, 61.1, 61.1, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733821.4, 4053706.5, 61.1, 61.1, 0.0); (733821.4, 4053731.5, 61.0, 61.0, 0.0);
(733821.4, 4053756.5, 61.0, 61.0, 0.0); (733821.4, 4053781.5, 60.9, 60.9, 0.0);
(733821.4, 4053806.5, 60.9, 60.9, 0.0); (733821.4, 4053831.5, 60.8, 60.8, 0.0);
(733821.4, 4053856.5, 60.8, 60.8, 0.0); (733821.4, 4053881.5, 60.8, 60.8, 0.0);
(733821.4, 4053906.5, 60.8, 60.8, 0.0); (733821.4, 4053931.5, 60.7, 60.7, 0.0);
(733821.4, 4053956.5, 60.6, 60.6, 0.0); (733821.4, 4053981.5, 60.6, 60.6, 0.0);
(733821.4, 4054006.5, 60.5, 60.5, 0.0); (733821.4, 4054031.5, 60.6, 60.6, 0.0);
(733821.4, 4054056.5, 60.5, 60.5, 0.0); (733821.4, 4054081.5, 60.6, 60.6, 0.0);
(733821.4, 4054106.5, 60.5, 60.5, 0.0); (733821.4, 4054131.5, 60.5, 60.5, 0.0);
(733821.4, 4054156.5, 60.5, 60.5, 0.0); (733821.4, 4054181.5, 60.5, 60.5, 0.0);
(733821.4, 4054206.5, 60.5, 60.5, 0.0); (733821.4, 4054231.5, 60.5, 60.5, 0.0);
(733821.4, 4054256.5, 60.5, 60.5, 0.0); (733821.4, 4054281.5, 60.5, 60.5, 0.0);
(733821.4, 4054306.5, 60.4, 60.4, 0.0); (733821.4, 4054331.5, 60.4, 60.4, 0.0);
(733821.4, 4054356.5, 60.4, 60.4, 0.0); (733821.4, 4054381.5, 60.4, 60.4, 0.0);
(733821.4, 4054406.5, 60.4, 60.4, 0.0); (733821.4, 4054431.5, 60.3, 60.3, 0.0);
(733821.4, 4054456.5, 60.3, 60.3, 0.0); (733821.4, 4054481.5, 60.3, 60.3, 0.0);
(733821.4, 4054506.5, 60.3, 60.3, 0.0); (733821.4, 4054531.5, 60.3, 60.3, 0.0);
(733821.4, 4054556.5, 60.2, 60.2, 0.0); (733821.4, 4054581.5, 60.2, 60.2, 0.0);
(733821.4, 4054606.5, 60.2, 60.2, 0.0); (733821.4, 4054631.5, 60.2, 60.2, 0.0);
(733821.4, 4054656.5, 60.2, 60.2, 0.0); (733821.4, 4054681.5, 60.2, 60.2, 0.0);
(733821.4, 4054706.5, 60.1, 60.1, 0.0); (733821.4, 4054731.5, 60.1, 60.1, 0.0);
(733821.4, 4054756.5, 60.1, 60.1, 0.0); (733821.4, 4054781.5, 60.1, 60.1, 0.0);
(733821.4, 4054806.5, 60.1, 60.1, 0.0); (733821.4, 4054831.5, 60.1, 60.1, 0.0);
(733821.4, 4054856.5, 60.0, 60.0, 0.0); (733821.4, 4054881.5, 60.0, 60.0, 0.0);
(733821.4, 4054906.5, 60.0, 60.0, 0.0); (733821.4, 4054931.5, 60.0, 60.0, 0.0);
(733821.4, 4054956.5, 60.0, 60.0, 0.0); (733821.4, 4054981.5, 60.0, 60.0, 0.0);
(733821.4, 4055006.5, 60.0, 60.0, 0.0); (733821.4, 4055031.5, 59.9, 59.9, 0.0);
(733821.4, 4055056.5, 59.9, 59.9, 0.0); (733821.4, 4055081.5, 59.9, 59.9, 0.0);
(733821.4, 4055106.5, 59.9, 59.9, 0.0); (733821.4, 4055131.5, 59.9, 59.9, 0.0);
(733821.4, 4055156.5, 59.9, 59.9, 0.0); (733821.4, 4055181.5, 59.9, 59.9, 0.0);
(733821.4, 4055206.5, 59.9, 59.9, 0.0); (733821.4, 4055231.5, 59.9, 59.9, 0.0);
(733821.4, 4055256.5, 59.8, 59.8, 0.0); (733821.4, 4055281.5, 59.8, 59.8, 0.0);
(733821.4, 4055306.5, 59.8, 59.8, 0.0); (733821.4, 4055331.5, 59.8, 59.8, 0.0);
(733846.4, 4052331.5, 63.9, 63.9, 0.0); (733846.4, 4052356.5, 63.8, 63.8, 0.0);
(733846.4, 4052381.5, 63.7, 63.7, 0.0); (733846.4, 4052406.5, 63.7, 63.7, 0.0);
(733846.4, 4052431.5, 63.6, 63.6, 0.0); (733846.4, 4052456.5, 63.5, 63.5, 0.0);
(733846.4, 4052481.5, 63.5, 63.5, 0.0); (733846.4, 4052506.5, 63.4, 63.4, 0.0);
(733846.4, 4052531.5, 63.3, 63.3, 0.0); (733846.4, 4052556.5, 63.2, 63.2, 0.0);
(733846.4, 4052581.5, 63.2, 63.2, 0.0); (733846.4, 4052606.5, 63.1, 63.1, 0.0);
(733846.4, 4052631.5, 63.0, 63.0, 0.0); (733846.4, 4052656.5, 63.0, 63.0, 0.0);
(733846.4, 4052681.5, 62.9, 62.9, 0.0); (733846.4, 4052706.5, 62.8, 62.8, 0.0);
(733846.4, 4052731.5, 62.8, 62.8, 0.0); (733846.4, 4052756.5, 62.7, 62.7, 0.0);
(733846.4, 4052781.5, 62.6, 62.6, 0.0); (733846.4, 4052806.5, 62.6, 62.6, 0.0);
(733846.4, 4052831.5, 62.5, 62.5, 0.0); (733846.4, 4052856.5, 62.4, 62.4, 0.0);
(733846.4, 4052881.5, 62.4, 62.4, 0.0); (733846.4, 4052906.5, 62.3, 62.3, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733846.4, 4052931.5, 62.3, 62.3, 0.0); (733846.4, 4052956.5, 62.2, 62.2, 0.0);
(733846.4, 4052981.5, 62.2, 62.2, 0.0); (733846.4, 4053006.5, 62.1, 62.1, 0.0);
(733846.4, 4053031.5, 62.1, 62.1, 0.0); (733846.4, 4053056.5, 62.0, 62.0, 0.0);
(733846.4, 4053081.5, 62.0, 62.0, 0.0); (733846.4, 4053106.5, 61.9, 61.9, 0.0);
(733846.4, 4053131.5, 61.9, 61.9, 0.0); (733846.4, 4053156.5, 61.8, 61.8, 0.0);
(733846.4, 4053181.5, 61.8, 61.8, 0.0); (733846.4, 4053206.5, 61.7, 61.7, 0.0);
(733846.4, 4053231.5, 61.7, 61.7, 0.0); (733846.4, 4053256.5, 61.6, 61.6, 0.0);
(733846.4, 4053281.5, 61.6, 61.6, 0.0); (733846.4, 4053306.5, 61.6, 61.6, 0.0);
(733846.4, 4053331.5, 61.5, 61.5, 0.0); (733846.4, 4053356.5, 61.5, 61.5, 0.0);
(733846.4, 4053381.5, 61.5, 61.5, 0.0); (733846.4, 4053406.5, 61.5, 61.5, 0.0);
(733846.4, 4053431.5, 61.4, 61.4, 0.0); (733846.4, 4053456.5, 61.4, 61.4, 0.0);
(733846.4, 4053481.5, 61.3, 61.3, 0.0); (733846.4, 4053506.5, 61.3, 61.3, 0.0);
(733846.4, 4053531.5, 61.3, 61.3, 0.0); (733846.4, 4053556.5, 61.2, 61.2, 0.0);
(733846.4, 4053581.5, 61.2, 61.2, 0.0); (733846.4, 4053606.5, 61.2, 61.2, 0.0);
(733846.4, 4053631.5, 61.1, 61.1, 0.0); (733846.4, 4053656.5, 61.1, 61.1, 0.0);
(733846.4, 4053681.5, 61.1, 61.1, 0.0); (733846.4, 4053706.5, 61.0, 61.0, 0.0);
(733846.4, 4053731.5, 61.0, 61.0, 0.0); (733846.4, 4053756.5, 61.0, 61.0, 0.0);
(733846.4, 4053781.5, 60.9, 60.9, 0.0); (733846.4, 4053806.5, 60.9, 60.9, 0.0);
(733846.4, 4053831.5, 60.8, 60.8, 0.0); (733846.4, 4053856.5, 60.8, 60.8, 0.0);
(733846.4, 4053881.5, 60.7, 60.7, 0.0); (733846.4, 4053906.5, 60.7, 60.7, 0.0);
(733846.4, 4053931.5, 60.6, 60.6, 0.0); (733846.4, 4053956.5, 60.6, 60.6, 0.0);
(733846.4, 4053981.5, 60.5, 60.5, 0.0); (733846.4, 4054006.5, 60.5, 60.5, 0.0);
(733846.4, 4054031.5, 60.4, 60.4, 0.0); (733846.4, 4054056.5, 60.4, 60.4, 0.0);
(733846.4, 4054081.5, 60.5, 60.5, 0.0); (733846.4, 4054106.5, 60.5, 60.5, 0.0);
(733846.4, 4054131.5, 60.4, 60.4, 0.0); (733846.4, 4054156.5, 60.5, 60.5, 0.0);
(733846.4, 4054181.5, 60.5, 60.5, 0.0); (733846.4, 4054206.5, 60.5, 60.5, 0.0);
(733846.4, 4054231.5, 60.5, 60.5, 0.0); (733846.4, 4054256.5, 60.4, 60.4, 0.0);
(733846.4, 4054281.5, 60.4, 60.4, 0.0); (733846.4, 4054306.5, 60.4, 60.4, 0.0);
(733846.4, 4054331.5, 60.4, 60.4, 0.0); (733846.4, 4054356.5, 60.4, 60.4, 0.0);
(733846.4, 4054381.5, 60.3, 60.3, 0.0); (733846.4, 4054406.5, 60.3, 60.3, 0.0);
(733846.4, 4054431.5, 60.3, 60.3, 0.0); (733846.4, 4054456.5, 60.3, 60.3, 0.0);
(733846.4, 4054481.5, 60.3, 60.3, 0.0); (733846.4, 4054506.5, 60.2, 60.2, 0.0);
(733846.4, 4054531.5, 60.2, 60.2, 0.0); (733846.4, 4054556.5, 60.2, 60.2, 0.0);
(733846.4, 4054581.5, 60.2, 60.2, 0.0); (733846.4, 4054606.5, 60.1, 60.1, 0.0);
(733846.4, 4054631.5, 60.1, 60.1, 0.0); (733846.4, 4054656.5, 60.1, 60.1, 0.0);
(733846.4, 4054681.5, 60.1, 60.1, 0.0); (733846.4, 4054706.5, 60.1, 60.1, 0.0);
(733846.4, 4054731.5, 60.1, 60.1, 0.0); (733846.4, 4054756.5, 60.1, 60.1, 0.0);
(733846.4, 4054781.5, 60.1, 60.1, 0.0); (733846.4, 4054806.5, 60.0, 60.0, 0.0);
(733846.4, 4054831.5, 60.0, 60.0, 0.0); (733846.4, 4054856.5, 60.0, 60.0, 0.0);
(733846.4, 4054881.5, 60.0, 60.0, 0.0); (733846.4, 4054906.5, 60.0, 60.0, 0.0);
(733846.4, 4054931.5, 60.0, 60.0, 0.0); (733846.4, 4054956.5, 59.9, 59.9, 0.0);
(733846.4, 4054981.5, 59.9, 59.9, 0.0); (733846.4, 4055006.5, 59.9, 59.9, 0.0);
(733846.4, 4055031.5, 59.9, 59.9, 0.0); (733846.4, 4055056.5, 59.9, 59.9, 0.0);
(733846.4, 4055081.5, 59.9, 59.9, 0.0); (733846.4, 4055106.5, 59.9, 59.9, 0.0);
(733846.4, 4055131.5, 59.8, 59.8, 0.0); (733846.4, 4055156.5, 59.8, 59.8, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733846.4, 4055181.5, 59.8, 59.8, 0.0);	(733846.4, 4055206.5, 59.8, 59.8, 0.0);
(733846.4, 4055231.5, 59.8, 59.8, 0.0);	(733846.4, 4055256.5, 59.8, 59.8, 0.0);
(733846.4, 4055281.5, 59.8, 59.8, 0.0);	(733846.4, 4055306.5, 59.8, 59.8, 0.0);
(733846.4, 4055331.5, 59.8, 59.8, 0.0);	(733871.4, 4052331.5, 63.8, 63.8, 0.0);
(733871.4, 4052356.5, 63.8, 63.8, 0.0);	(733871.4, 4052381.5, 63.7, 63.7, 0.0);
(733871.4, 4052406.5, 63.6, 63.6, 0.0);	(733871.4, 4052431.5, 63.6, 63.6, 0.0);
(733871.4, 4052456.5, 63.5, 63.5, 0.0);	(733871.4, 4052481.5, 63.4, 63.4, 0.0);
(733871.4, 4052506.5, 63.3, 63.3, 0.0);	(733871.4, 4052531.5, 63.3, 63.3, 0.0);
(733871.4, 4052556.5, 63.2, 63.2, 0.0);	(733871.4, 4052581.5, 63.1, 63.1, 0.0);
(733871.4, 4052606.5, 63.1, 63.1, 0.0);	(733871.4, 4052631.5, 63.0, 63.0, 0.0);
(733871.4, 4052656.5, 62.9, 62.9, 0.0);	(733871.4, 4052681.5, 62.9, 62.9, 0.0);
(733871.4, 4052706.5, 62.8, 62.8, 0.0);	(733871.4, 4052731.5, 62.7, 62.7, 0.0);
(733871.4, 4052756.5, 62.7, 62.7, 0.0);	(733871.4, 4052781.5, 62.6, 62.6, 0.0);
(733871.4, 4052806.5, 62.5, 62.5, 0.0);	(733871.4, 4052831.5, 62.5, 62.5, 0.0);
(733871.4, 4052856.5, 62.4, 62.4, 0.0);	(733871.4, 4052881.5, 62.4, 62.4, 0.0);
(733871.4, 4052906.5, 62.3, 62.3, 0.0);	(733871.4, 4052931.5, 62.2, 62.2, 0.0);
(733871.4, 4052956.5, 62.2, 62.2, 0.0);	(733871.4, 4052981.5, 62.1, 62.1, 0.0);
(733871.4, 4053006.5, 62.1, 62.1, 0.0);	(733871.4, 4053031.5, 62.0, 62.0, 0.0);
(733871.4, 4053056.5, 62.0, 62.0, 0.0);	(733871.4, 4053081.5, 61.9, 61.9, 0.0);
(733871.4, 4053106.5, 61.9, 61.9, 0.0);	(733871.4, 4053131.5, 61.8, 61.8, 0.0);
(733871.4, 4053156.5, 61.8, 61.8, 0.0);	(733871.4, 4053181.5, 61.7, 61.7, 0.0);
(733871.4, 4053206.5, 61.7, 61.7, 0.0);	(733871.4, 4053231.5, 61.7, 61.7, 0.0);
(733871.4, 4053256.5, 61.6, 61.6, 0.0);	(733871.4, 4053281.5, 61.6, 61.6, 0.0);
(733871.4, 4053306.5, 61.5, 61.5, 0.0);	(733871.4, 4053331.5, 61.5, 61.5, 0.0);
(733871.4, 4053356.5, 61.5, 61.5, 0.0);	(733871.4, 4053381.5, 61.4, 61.4, 0.0);
(733871.4, 4053406.5, 61.4, 61.4, 0.0);	(733871.4, 4053431.5, 61.4, 61.4, 0.0);
(733871.4, 4053456.5, 61.3, 61.3, 0.0);	(733871.4, 4053481.5, 61.3, 61.3, 0.0);
(733871.4, 4053506.5, 61.3, 61.3, 0.0);	(733871.4, 4053531.5, 61.2, 61.2, 0.0);
(733871.4, 4053556.5, 61.2, 61.2, 0.0);	(733871.4, 4053581.5, 61.2, 61.2, 0.0);
(733871.4, 4053606.5, 61.1, 61.1, 0.0);	(733871.4, 4053631.5, 61.1, 61.1, 0.0);
(733871.4, 4053656.5, 61.1, 61.1, 0.0);	(733871.4, 4053681.5, 61.0, 61.0, 0.0);
(733871.4, 4053706.5, 61.0, 61.0, 0.0);	(733871.4, 4053731.5, 61.0, 61.0, 0.0);
(733871.4, 4053756.5, 60.9, 60.9, 0.0);	(733871.4, 4053781.5, 60.9, 60.9, 0.0);
(733871.4, 4053806.5, 60.8, 60.8, 0.0);	(733871.4, 4053831.5, 60.8, 60.8, 0.0);
(733871.4, 4053856.5, 60.8, 60.8, 0.0);	(733871.4, 4053881.5, 60.7, 60.7, 0.0);
(733871.4, 4053906.5, 60.7, 60.7, 0.0);	(733871.4, 4053931.5, 60.6, 60.6, 0.0);
(733871.4, 4053956.5, 60.5, 60.5, 0.0);	(733871.4, 4053981.5, 60.5, 60.5, 0.0);
(733871.4, 4054006.5, 60.4, 60.4, 0.0);	(733871.4, 4054031.5, 60.4, 60.4, 0.0);
(733871.4, 4054056.5, 60.3, 60.3, 0.0);	(733871.4, 4054081.5, 60.4, 60.4, 0.0);
(733871.4, 4054106.5, 60.4, 60.4, 0.0);	(733871.4, 4054131.5, 60.4, 60.4, 0.0);
(733871.4, 4054156.5, 60.4, 60.4, 0.0);	(733871.4, 4054181.5, 60.4, 60.4, 0.0);
(733871.4, 4054206.5, 60.4, 60.4, 0.0);	(733871.4, 4054231.5, 60.4, 60.4, 0.0);
(733871.4, 4054256.5, 60.4, 60.4, 0.0);	(733871.4, 4054281.5, 60.4, 60.4, 0.0);
(733871.4, 4054306.5, 60.4, 60.4, 0.0);	(733871.4, 4054331.5, 60.4, 60.4, 0.0);
(733871.4, 4054356.5, 60.3, 60.3, 0.0);	(733871.4, 4054381.5, 60.3, 60.3, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733871.4, 4054406.5, 60.3, 60.3, 0.0);	(733871.4, 4054431.5, 60.3, 60.3, 0.0);
(733871.4, 4054456.5, 60.2, 60.2, 0.0);	(733871.4, 4054481.5, 60.2, 60.2, 0.0);
(733871.4, 4054506.5, 60.2, 60.2, 0.0);	(733871.4, 4054531.5, 60.2, 60.2, 0.0);
(733871.4, 4054556.5, 60.2, 60.2, 0.0);	(733871.4, 4054581.5, 60.1, 60.1, 0.0);
(733871.4, 4054606.5, 60.1, 60.1, 0.0);	(733871.4, 4054631.5, 60.1, 60.1, 0.0);
(733871.4, 4054656.5, 60.1, 60.1, 0.0);	(733871.4, 4054681.5, 60.1, 60.1, 0.0);
(733871.4, 4054706.5, 60.1, 60.1, 0.0);	(733871.4, 4054731.5, 60.0, 60.0, 0.0);
(733871.4, 4054756.5, 60.0, 60.0, 0.0);	(733871.4, 4054781.5, 60.0, 60.0, 0.0);
(733871.4, 4054806.5, 60.0, 60.0, 0.0);	(733871.4, 4054831.5, 60.0, 60.0, 0.0);
(733871.4, 4054856.5, 60.0, 60.0, 0.0);	(733871.4, 4054881.5, 59.9, 59.9, 0.0);
(733871.4, 4054906.5, 59.9, 59.9, 0.0);	(733871.4, 4054931.5, 59.9, 59.9, 0.0);
(733871.4, 4054956.5, 59.9, 59.9, 0.0);	(733871.4, 4054981.5, 59.9, 59.9, 0.0);
(733871.4, 4055006.5, 59.9, 59.9, 0.0);	(733871.4, 4055031.5, 59.9, 59.9, 0.0);
(733871.4, 4055056.5, 59.8, 59.8, 0.0);	(733871.4, 4055081.5, 59.8, 59.8, 0.0);
(733871.4, 4055106.5, 59.8, 59.8, 0.0);	(733871.4, 4055131.5, 59.8, 59.8, 0.0);
(733871.4, 4055156.5, 59.8, 59.8, 0.0);	(733871.4, 4055181.5, 59.8, 59.8, 0.0);
(733871.4, 4055206.5, 59.8, 59.8, 0.0);	(733871.4, 4055231.5, 59.8, 59.8, 0.0);
(733871.4, 4055256.5, 59.8, 59.8, 0.0);	(733871.4, 4055281.5, 59.8, 59.8, 0.0);
(733871.4, 4055306.5, 59.7, 59.7, 0.0);	(733871.4, 4055331.5, 59.7, 59.7, 0.0);
(730871.4, 4055381.5, 65.1, 65.1, 0.0);	(730871.4, 4055431.5, 65.1, 65.1, 0.0);
(730871.4, 4055481.5, 65.2, 65.2, 0.0);	(730921.4, 4055381.5, 65.0, 65.0, 0.0);
(730921.4, 4055431.5, 65.0, 65.0, 0.0);	(730921.4, 4055481.5, 65.0, 65.0, 0.0);
(730971.4, 4055381.5, 64.8, 64.8, 0.0);	(730971.4, 4055431.5, 64.9, 64.9, 0.0);
(730971.4, 4055481.5, 64.9, 64.9, 0.0);	(731021.4, 4055381.5, 64.7, 64.7, 0.0);
(731021.4, 4055431.5, 64.8, 64.8, 0.0);	(731021.4, 4055481.5, 64.8, 64.8, 0.0);
(731071.4, 4055381.5, 64.6, 64.6, 0.0);	(731071.4, 4055431.5, 64.7, 64.7, 0.0);
(731071.4, 4055481.5, 64.7, 64.7, 0.0);	(731121.4, 4055381.5, 64.5, 64.5, 0.0);
(731121.4, 4055431.5, 64.6, 64.6, 0.0);	(731121.4, 4055481.5, 64.6, 64.6, 0.0);
(731171.4, 4055381.5, 64.5, 64.5, 0.0);	(731171.4, 4055431.5, 64.5, 64.5, 0.0);
(731171.4, 4055481.5, 64.6, 64.6, 0.0);	(731221.4, 4055381.5, 64.4, 64.4, 0.0);
(731221.4, 4055431.5, 64.4, 64.4, 0.0);	(731221.4, 4055481.5, 64.5, 64.5, 0.0);
(731271.4, 4055381.5, 64.3, 64.3, 0.0);	(731271.4, 4055431.5, 64.3, 64.3, 0.0);
(731271.4, 4055481.5, 64.4, 64.4, 0.0);	(731321.4, 4055381.5, 64.2, 64.2, 0.0);
(731321.4, 4055431.5, 64.2, 64.2, 0.0);	(731321.4, 4055481.5, 64.3, 64.3, 0.0);
(731371.4, 4055381.5, 64.1, 64.1, 0.0);	(731371.4, 4055431.5, 64.1, 64.1, 0.0);
(731371.4, 4055481.5, 64.2, 64.2, 0.0);	(731421.4, 4055381.5, 64.0, 64.0, 0.0);
(731421.4, 4055431.5, 64.0, 64.0, 0.0);	(731421.4, 4055481.5, 64.0, 64.0, 0.0);
(731471.4, 4055381.5, 63.9, 63.9, 0.0);	(731471.4, 4055431.5, 63.9, 63.9, 0.0);
(731471.4, 4055481.5, 63.9, 63.9, 0.0);	(731521.4, 4055381.5, 63.8, 63.8, 0.0);
(731521.4, 4055431.5, 63.8, 63.8, 0.0);	(731521.4, 4055481.5, 63.8, 63.8, 0.0);
(731571.4, 4055381.5, 63.7, 63.7, 0.0);	(731571.4, 4055431.5, 63.7, 63.7, 0.0);
(731571.4, 4055481.5, 63.7, 63.7, 0.0);	(731621.4, 4055381.5, 63.5, 63.5, 0.0);
(731621.4, 4055431.5, 63.6, 63.6, 0.0);	(731621.4, 4055481.5, 63.6, 63.6, 0.0);
(731671.4, 4055381.5, 63.4, 63.4, 0.0);	(731671.4, 4055431.5, 63.5, 63.5, 0.0);
(731671.4, 4055481.5, 63.5, 63.5, 0.0);	(731721.4, 4055381.5, 63.3, 63.3, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731721.4, 4055431.5, 63.4, 63.4, 0.0); (731721.4, 4055481.5, 63.4, 63.4, 0.0);
(731771.4, 4055381.5, 63.3, 63.3, 0.0); (731771.4, 4055431.5, 63.3, 63.3, 0.0);
(731771.4, 4055481.5, 63.3, 63.3, 0.0); (731821.4, 4055381.5, 63.2, 63.2, 0.0);
(731821.4, 4055431.5, 63.2, 63.2, 0.0); (731821.4, 4055481.5, 63.2, 63.2, 0.0);
(731871.4, 4055381.5, 63.1, 63.1, 0.0); (731871.4, 4055431.5, 63.1, 63.1, 0.0);
(731871.4, 4055481.5, 63.1, 63.1, 0.0); (731921.4, 4055381.5, 63.0, 63.0, 0.0);
(731921.4, 4055431.5, 63.0, 63.0, 0.0); (731921.4, 4055481.5, 63.1, 63.1, 0.0);
(731971.4, 4055381.5, 62.9, 62.9, 0.0); (731971.4, 4055431.5, 62.9, 62.9, 0.0);
(731971.4, 4055481.5, 63.0, 63.0, 0.0); (732021.4, 4055381.5, 62.8, 62.8, 0.0);
(732021.4, 4055431.5, 62.9, 62.9, 0.0); (732021.4, 4055481.5, 62.9, 62.9, 0.0);
(732071.4, 4055381.5, 62.8, 62.8, 0.0); (732071.4, 4055431.5, 62.8, 62.8, 0.0);
(732071.4, 4055481.5, 62.8, 62.8, 0.0); (732121.4, 4055381.5, 62.7, 62.7, 0.0);
(732121.4, 4055431.5, 62.7, 62.7, 0.0); (732121.4, 4055481.5, 62.7, 62.7, 0.0);
(732171.4, 4055381.5, 62.6, 62.6, 0.0); (732171.4, 4055431.5, 62.6, 62.6, 0.0);
(732171.4, 4055481.5, 62.6, 62.6, 0.0); (732221.4, 4055381.5, 62.5, 62.5, 0.0);
(732221.4, 4055431.5, 62.5, 62.5, 0.0); (732221.4, 4055481.5, 62.5, 62.5, 0.0);
(732271.4, 4055381.5, 62.4, 62.4, 0.0); (732271.4, 4055431.5, 62.4, 62.4, 0.0);
(732271.4, 4055481.5, 62.5, 62.5, 0.0); (732321.4, 4055381.5, 62.3, 62.3, 0.0);
(732321.4, 4055431.5, 62.3, 62.3, 0.0); (732321.4, 4055481.5, 62.3, 62.3, 0.0);
(732371.4, 4055381.5, 62.2, 62.2, 0.0); (732371.4, 4055431.5, 62.2, 62.2, 0.0);
(732371.4, 4055481.5, 62.3, 62.3, 0.0); (732421.4, 4055381.5, 62.1, 62.1, 0.0);
(732421.4, 4055431.5, 62.1, 62.1, 0.0); (732421.4, 4055481.5, 62.2, 62.2, 0.0);
(732471.4, 4055381.5, 62.0, 62.0, 0.0); (732471.4, 4055431.5, 62.0, 62.0, 0.0);
(732471.4, 4055481.5, 62.1, 62.1, 0.0); (732521.4, 4055381.5, 61.9, 61.9, 0.0);
(732521.4, 4055431.5, 61.9, 61.9, 0.0); (732521.4, 4055481.5, 61.9, 61.9, 0.0);
(732571.4, 4055381.5, 61.8, 61.8, 0.0); (732571.4, 4055431.5, 61.8, 61.8, 0.0);
(732571.4, 4055481.5, 61.8, 61.8, 0.0); (732621.4, 4055381.5, 61.7, 61.7, 0.0);
(732621.4, 4055431.5, 61.7, 61.7, 0.0); (732621.4, 4055481.5, 61.8, 61.8, 0.0);
(732671.4, 4055381.5, 61.6, 61.6, 0.0); (732671.4, 4055431.5, 61.7, 61.7, 0.0);
(732671.4, 4055481.5, 61.7, 61.7, 0.0); (732721.4, 4055381.5, 61.6, 61.6, 0.0);
(732721.4, 4055431.5, 61.6, 61.6, 0.0); (732721.4, 4055481.5, 61.6, 61.6, 0.0);
(732771.4, 4055381.5, 61.5, 61.5, 0.0); (732771.4, 4055431.5, 61.5, 61.5, 0.0);
(732771.4, 4055481.5, 61.5, 61.5, 0.0); (732821.4, 4055381.5, 61.4, 61.4, 0.0);
(732821.4, 4055431.5, 61.4, 61.4, 0.0); (732821.4, 4055481.5, 61.5, 61.5, 0.0);
(732871.4, 4055381.5, 61.4, 61.4, 0.0); (732871.4, 4055431.5, 61.4, 61.4, 0.0);
(732871.4, 4055481.5, 61.4, 61.4, 0.0); (732921.4, 4055381.5, 61.3, 61.3, 0.0);
(732921.4, 4055431.5, 61.3, 61.3, 0.0); (732921.4, 4055481.5, 61.3, 61.3, 0.0);
(732971.4, 4055381.5, 61.2, 61.2, 0.0); (732971.4, 4055431.5, 61.2, 61.2, 0.0);
(732971.4, 4055481.5, 61.2, 61.2, 0.0); (733021.4, 4055381.5, 61.1, 61.1, 0.0);
(733021.4, 4055431.5, 61.1, 61.1, 0.0); (733021.4, 4055481.5, 61.2, 61.2, 0.0);
(733071.4, 4055381.5, 61.1, 61.1, 0.0); (733071.4, 4055431.5, 61.1, 61.1, 0.0);
(733071.4, 4055481.5, 61.1, 61.1, 0.0); (733121.4, 4055381.5, 61.0, 61.0, 0.0);
(733121.4, 4055431.5, 61.0, 61.0, 0.0); (733121.4, 4055481.5, 61.0, 61.0, 0.0);
(733171.4, 4055381.5, 60.9, 60.9, 0.0); (733171.4, 4055431.5, 60.9, 60.9, 0.0);
(733171.4, 4055481.5, 60.9, 60.9, 0.0); (733221.4, 4055381.5, 60.8, 60.8, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733221.4, 4055431.5, 60.8, 60.8, 0.0); (733221.4, 4055481.5, 60.8, 60.8, 0.0);
(733271.4, 4055381.5, 60.7, 60.7, 0.0); (733271.4, 4055431.5, 60.7, 60.7, 0.0);
(733271.4, 4055481.5, 60.7, 60.7, 0.0); (733321.4, 4055381.5, 60.6, 60.6, 0.0);
(733321.4, 4055431.5, 60.6, 60.6, 0.0); (733321.4, 4055481.5, 60.6, 60.6, 0.0);
(733371.4, 4055381.5, 60.5, 60.5, 0.0); (733371.4, 4055431.5, 60.5, 60.5, 0.0);
(733371.4, 4055481.5, 60.5, 60.5, 0.0); (733421.4, 4055381.5, 60.4, 60.4, 0.0);
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(733921.4, 4053431.5, 61.3, 61.3, 0.0); (733921.4, 4053381.5, 61.3, 61.3, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733921.4, 4053331.5, 61.4, 61.4, 0.0); (733921.4, 4053281.5, 61.5, 61.5, 0.0);
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(733921.4, 4052931.5, 62.1, 62.1, 0.0);	(733921.4, 4052881.5, 62.3, 62.3, 0.0);
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(733921.4, 4052631.5, 62.9, 62.9, 0.0);	(733921.4, 4052581.5, 63.1, 63.1, 0.0);
(733921.4, 4052531.5, 63.2, 63.2, 0.0);	(733921.4, 4052481.5, 63.3, 63.3, 0.0);
(733921.4, 4052431.5, 63.5, 63.5, 0.0);	(733921.4, 4052381.5, 63.6, 63.6, 0.0);
(733921.4, 4052331.5, 63.8, 63.8, 0.0);	(733921.4, 4052281.5, 63.9, 63.9, 0.0);
(733921.4, 4052231.5, 64.0, 64.0, 0.0);	(733921.4, 4052181.5, 64.2, 64.2, 0.0);
(733971.4, 4055331.5, 59.6, 59.6, 0.0);	(733971.4, 4055281.5, 59.6, 59.6, 0.0);
(733971.4, 4055231.5, 59.6, 59.6, 0.0);	(733971.4, 4055181.5, 59.6, 59.6, 0.0);
(733971.4, 4055131.5, 59.6, 59.6, 0.0);	(733971.4, 4055081.5, 59.7, 59.7, 0.0);
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(733971.4, 4054831.5, 59.8, 59.8, 0.0);	(733971.4, 4054781.5, 59.8, 59.8, 0.0);
(733971.4, 4054731.5, 59.9, 59.9, 0.0);	(733971.4, 4054681.5, 59.9, 59.9, 0.0);
(733971.4, 4054631.5, 59.9, 59.9, 0.0);	(733971.4, 4054581.5, 60.0, 60.0, 0.0);
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(733971.4, 4054331.5, 60.2, 60.2, 0.0);	(733971.4, 4054281.5, 60.2, 60.2, 0.0);
(733971.4, 4054231.5, 60.3, 60.3, 0.0);	(733971.4, 4054181.5, 60.3, 60.3, 0.0);
(733971.4, 4054131.5, 60.3, 60.3, 0.0);	(733971.4, 4054081.5, 60.2, 60.2, 0.0);
(733971.4, 4054031.5, 60.3, 60.3, 0.0);	(733971.4, 4053981.5, 60.4, 60.4, 0.0);
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(733971.4, 4053831.5, 60.7, 60.7, 0.0);	(733971.4, 4053781.5, 60.7, 60.7, 0.0);
(733971.4, 4053731.5, 60.8, 60.8, 0.0);	(733971.4, 4053681.5, 60.9, 60.9, 0.0);
(733971.4, 4053631.5, 60.9, 60.9, 0.0);	(733971.4, 4053581.5, 61.0, 61.0, 0.0);
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(733971.4, 4053431.5, 61.2, 61.2, 0.0);	(733971.4, 4053381.5, 61.3, 61.3, 0.0);
(733971.4, 4053331.5, 61.4, 61.4, 0.0);	(733971.4, 4053281.5, 61.4, 61.4, 0.0);
(733971.4, 4053231.5, 61.5, 61.5, 0.0);	(733971.4, 4053181.5, 61.6, 61.6, 0.0);
(733971.4, 4053131.5, 61.7, 61.7, 0.0);	(733971.4, 4053081.5, 61.8, 61.8, 0.0);
(733971.4, 4053031.5, 61.8, 61.8, 0.0);	(733971.4, 4052981.5, 61.9, 61.9, 0.0);
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(733971.4, 4052831.5, 62.3, 62.3, 0.0);	(733971.4, 4052781.5, 62.4, 62.4, 0.0);
(733971.4, 4052731.5, 62.5, 62.5, 0.0);	(733971.4, 4052681.5, 62.7, 62.7, 0.0);
(733971.4, 4052631.5, 62.8, 62.8, 0.0);	(733971.4, 4052581.5, 63.0, 63.0, 0.0);
(733971.4, 4052531.5, 63.1, 63.1, 0.0);	(733971.4, 4052481.5, 63.3, 63.3, 0.0);
(733971.4, 4052431.5, 63.4, 63.4, 0.0);	(733971.4, 4052381.5, 63.5, 63.5, 0.0);
(733971.4, 4052331.5, 63.7, 63.7, 0.0);	(733971.4, 4052281.5, 63.8, 63.8, 0.0);
(733971.4, 4052231.5, 63.9, 63.9, 0.0);	(733971.4, 4052181.5, 64.1, 64.1, 0.0);
(734021.4, 4055331.5, 59.5, 59.5, 0.0);	(734021.4, 4055281.5, 59.5, 59.5, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(734021.4, 4055031.5, 59.6, 59.6, 0.0);	(734021.4, 4054981.5, 59.6, 59.6, 0.0);
(734021.4, 4054931.5, 59.7, 59.7, 0.0);	(734021.4, 4054881.5, 59.7, 59.7, 0.0);
(734021.4, 4054831.5, 59.7, 59.7, 0.0);	(734021.4, 4054781.5, 59.8, 59.8, 0.0);
(734021.4, 4054731.5, 59.8, 59.8, 0.0);	(734021.4, 4054681.5, 59.8, 59.8, 0.0);
(734021.4, 4054631.5, 59.9, 59.9, 0.0);	(734021.4, 4054581.5, 59.9, 59.9, 0.0);
(734021.4, 4054531.5, 59.9, 59.9, 0.0);	(734021.4, 4054481.5, 60.0, 60.0, 0.0);
(734021.4, 4054431.5, 60.0, 60.0, 0.0);	(734021.4, 4054381.5, 60.1, 60.1, 0.0);
(734021.4, 4054331.5, 60.1, 60.1, 0.0);	(734021.4, 4054281.5, 60.2, 60.2, 0.0);
(734021.4, 4054231.5, 60.2, 60.2, 0.0);	(734021.4, 4054181.5, 60.2, 60.2, 0.0);
(734021.4, 4054131.5, 60.3, 60.3, 0.0);	(734021.4, 4054081.5, 60.2, 60.2, 0.0);
(734021.4, 4054031.5, 60.3, 60.3, 0.0);	(734021.4, 4053981.5, 60.4, 60.4, 0.0);
(734021.4, 4053931.5, 60.5, 60.5, 0.0);	(734021.4, 4053881.5, 60.5, 60.5, 0.0);
(734021.4, 4053831.5, 60.6, 60.6, 0.0);	(734021.4, 4053781.5, 60.7, 60.7, 0.0);
(734021.4, 4053731.5, 60.7, 60.7, 0.0);	(734021.4, 4053681.5, 60.8, 60.8, 0.0);
(734021.4, 4053631.5, 60.9, 60.9, 0.0);	(734021.4, 4053581.5, 60.9, 60.9, 0.0);
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(734021.4, 4053331.5, 61.3, 61.3, 0.0);	(734021.4, 4053281.5, 61.4, 61.4, 0.0);
(734021.4, 4053231.5, 61.5, 61.5, 0.0);	(734021.4, 4053181.5, 61.5, 61.5, 0.0);
(734021.4, 4053131.5, 61.6, 61.6, 0.0);	(734021.4, 4053081.5, 61.7, 61.7, 0.0);
(734021.4, 4053031.5, 61.8, 61.8, 0.0);	(734021.4, 4052981.5, 61.8, 61.8, 0.0);
(734021.4, 4052931.5, 61.9, 61.9, 0.0);	(734021.4, 4052881.5, 62.0, 62.0, 0.0);
(734021.4, 4052831.5, 62.2, 62.2, 0.0);	(734021.4, 4052781.5, 62.3, 62.3, 0.0);
(734021.4, 4052731.5, 62.5, 62.5, 0.0);	(734021.4, 4052681.5, 62.6, 62.6, 0.0);
(734021.4, 4052631.5, 62.7, 62.7, 0.0);	(734021.4, 4052581.5, 62.9, 62.9, 0.0);
(734021.4, 4052531.5, 63.0, 63.0, 0.0);	(734021.4, 4052481.5, 63.2, 63.2, 0.0);
(734021.4, 4052431.5, 63.3, 63.3, 0.0);	(734021.4, 4052381.5, 63.5, 63.5, 0.0);
(734021.4, 4052331.5, 63.6, 63.6, 0.0);	(734021.4, 4052281.5, 63.7, 63.7, 0.0);
(734021.4, 4052231.5, 63.9, 63.9, 0.0);	(734021.4, 4052181.5, 64.0, 64.0, 0.0);
(733871.4, 4052281.5, 64.0, 64.0, 0.0);	(733871.4, 4052231.5, 64.1, 64.1, 0.0);
(733871.4, 4052181.5, 64.3, 64.3, 0.0);	(733821.4, 4052281.5, 64.1, 64.1, 0.0);
(733821.4, 4052231.5, 64.3, 64.3, 0.0);	(733821.4, 4052181.5, 64.4, 64.4, 0.0);
(733771.4, 4052281.5, 64.2, 64.2, 0.0);	(733771.4, 4052231.5, 64.4, 64.4, 0.0);
(733771.4, 4052181.5, 64.5, 64.5, 0.0);	(733721.4, 4052281.5, 64.3, 64.3, 0.0);
(733721.4, 4052231.5, 64.5, 64.5, 0.0);	(733721.4, 4052181.5, 64.6, 64.6, 0.0);
(733671.4, 4052281.5, 64.4, 64.4, 0.0);	(733671.4, 4052231.5, 64.6, 64.6, 0.0);
(733671.4, 4052181.5, 64.7, 64.7, 0.0);	(733621.4, 4052281.5, 64.5, 64.5, 0.0);
(733621.4, 4052231.5, 64.7, 64.7, 0.0);	(733621.4, 4052181.5, 64.8, 64.8, 0.0);
(733571.4, 4052281.5, 64.5, 64.5, 0.0);	(733571.4, 4052231.5, 64.7, 64.7, 0.0);
(733571.4, 4052181.5, 64.8, 64.8, 0.0);	(733521.4, 4052281.5, 64.6, 64.6, 0.0);
(733521.4, 4052231.5, 64.7, 64.7, 0.0);	(733521.4, 4052181.5, 64.9, 64.9, 0.0);
(733471.4, 4052281.5, 64.7, 64.7, 0.0);	(733471.4, 4052231.5, 64.8, 64.8, 0.0);
(733471.4, 4052181.5, 65.0, 65.0, 0.0);	(733421.4, 4052281.5, 64.8, 64.8, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(733421.4, 4052231.5, 64.9, 64.9, 0.0);	(733421.4, 4052181.5, 65.1, 65.1, 0.0);
(733371.4, 4052281.5, 64.9, 64.9, 0.0);	(733371.4, 4052231.5, 65.1, 65.1, 0.0);
(733371.4, 4052181.5, 65.2, 65.2, 0.0);	(733321.4, 4052281.5, 65.0, 65.0, 0.0);
(733321.4, 4052231.5, 65.2, 65.2, 0.0);	(733321.4, 4052181.5, 65.4, 65.4, 0.0);
(733271.4, 4052281.5, 65.1, 65.1, 0.0);	(733271.4, 4052231.5, 65.3, 65.3, 0.0);
(733271.4, 4052181.5, 65.5, 65.5, 0.0);	(733221.4, 4052281.5, 65.3, 65.3, 0.0);
(733221.4, 4052231.5, 65.5, 65.5, 0.0);	(733221.4, 4052181.5, 65.7, 65.7, 0.0);
(733171.4, 4052281.5, 65.5, 65.5, 0.0);	(733171.4, 4052231.5, 65.6, 65.6, 0.0);
(733171.4, 4052181.5, 65.9, 65.9, 0.0);	(733121.4, 4052281.5, 65.6, 65.6, 0.0);
(733121.4, 4052231.5, 65.8, 65.8, 0.0);	(733121.4, 4052181.5, 66.0, 66.0, 0.0);
(733071.4, 4052281.5, 65.8, 65.8, 0.0);	(733071.4, 4052231.5, 66.0, 66.0, 0.0);

(733071.4, 4052181.5, 66.2, 66.2, 0.0);	(733021.4, 4052281.5, 65.9, 65.9, 0.0);
(733021.4, 4052231.5, 66.1, 66.1, 0.0);	(733021.4, 4052181.5, 66.3, 66.3, 0.0);
(732971.4, 4052281.5, 66.1, 66.1, 0.0);	(732971.4, 4052231.5, 66.3, 66.3, 0.0);
(732971.4, 4052181.5, 66.4, 66.4, 0.0);	(732921.4, 4052281.5, 66.2, 66.2, 0.0);
(732921.4, 4052231.5, 66.4, 66.4, 0.0);	(732921.4, 4052181.5, 66.6, 66.6, 0.0);
(732871.4, 4052281.5, 66.3, 66.3, 0.0);	(732871.4, 4052231.5, 66.5, 66.5, 0.0);
(732871.4, 4052181.5, 66.7, 66.7, 0.0);	(732821.4, 4052281.5, 66.5, 66.5, 0.0);
(732821.4, 4052231.5, 66.6, 66.6, 0.0);	(732821.4, 4052181.5, 66.9, 66.9, 0.0);
(732771.4, 4052281.5, 66.6, 66.6, 0.0);	(732771.4, 4052231.5, 66.8, 66.8, 0.0);
(732771.4, 4052181.5, 67.0, 67.0, 0.0);	(732721.4, 4052281.5, 66.7, 66.7, 0.0);
(732721.4, 4052231.5, 66.9, 66.9, 0.0);	(732721.4, 4052181.5, 67.1, 67.1, 0.0);
(732671.4, 4052281.5, 66.9, 66.9, 0.0);	(732671.4, 4052231.5, 67.1, 67.1, 0.0);
(732671.4, 4052181.5, 67.3, 67.3, 0.0);	(732621.4, 4052281.5, 67.0, 67.0, 0.0);
(732621.4, 4052231.5, 67.2, 67.2, 0.0);	(732621.4, 4052181.5, 67.4, 67.4, 0.0);
(732571.4, 4052281.5, 67.1, 67.1, 0.0);	(732571.4, 4052231.5, 67.4, 67.4, 0.0);
(732571.4, 4052181.5, 67.6, 67.6, 0.0);	(732521.4, 4052281.5, 67.3, 67.3, 0.0);
(732521.4, 4052231.5, 67.5, 67.5, 0.0);	(732521.4, 4052181.5, 67.7, 67.7, 0.0);
(732471.4, 4052281.5, 67.5, 67.5, 0.0);	(732471.4, 4052231.5, 67.6, 67.6, 0.0);
(732471.4, 4052181.5, 67.8, 67.8, 0.0);	(732421.4, 4052281.5, 67.6, 67.6, 0.0);
(732421.4, 4052231.5, 67.8, 67.8, 0.0);	(732421.4, 4052181.5, 68.0, 68.0, 0.0);
(732371.4, 4052281.5, 67.7, 67.7, 0.0);	(732371.4, 4052231.5, 68.0, 68.0, 0.0);
(732371.4, 4052181.5, 68.2, 68.2, 0.0);	(732321.4, 4052281.5, 67.9, 67.9, 0.0);
(732321.4, 4052231.5, 68.1, 68.1, 0.0);	(732321.4, 4052181.5, 68.4, 68.4, 0.0);
(732271.4, 4052281.5, 68.0, 68.0, 0.0);	(732271.4, 4052231.5, 68.3, 68.3, 0.0);
(732271.4, 4052181.5, 68.5, 68.5, 0.0);	(732221.4, 4052281.5, 68.2, 68.2, 0.0);
(732221.4, 4052231.5, 68.5, 68.5, 0.0);	(732221.4, 4052181.5, 68.7, 68.7, 0.0);
(732171.4, 4052281.5, 68.3, 68.3, 0.0);	(732171.4, 4052231.5, 68.6, 68.6, 0.0);
(732171.4, 4052181.5, 68.9, 68.9, 0.0);	(732121.4, 4052281.5, 68.4, 68.4, 0.0);
(732121.4, 4052231.5, 68.7, 68.7, 0.0);	(732121.4, 4052181.5, 69.0, 69.0, 0.0);
(732071.4, 4052281.5, 68.5, 68.5, 0.0);	(732071.4, 4052231.5, 68.8, 68.8, 0.0);
(732071.4, 4052181.5, 69.1, 69.1, 0.0);	(732021.4, 4052281.5, 68.6, 68.6, 0.0);
(732021.4, 4052231.5, 68.9, 68.9, 0.0);	(732021.4, 4052181.5, 69.2, 69.2, 0.0);
(731971.4, 4052281.5, 68.7, 68.7, 0.0);	(731971.4, 4052231.5, 69.0, 69.0, 0.0);
(731971.4, 4052181.5, 69.3, 69.3, 0.0);	(731921.4, 4052281.5, 68.8, 68.8, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731921.4, 4052231.5, 69.1, 69.1, 0.0);	(731921.4, 4052181.5, 69.4, 69.4, 0.0);
(731871.4, 4052281.5, 68.8, 68.8, 0.0);	(731871.4, 4052231.5, 69.1, 69.1, 0.0);
(731871.4, 4052181.5, 69.5, 69.5, 0.0);	(731821.4, 4052281.5, 68.9, 68.9, 0.0);
(731821.4, 4052231.5, 69.2, 69.2, 0.0);	(731821.4, 4052181.5, 69.5, 69.5, 0.0);
(731771.4, 4052281.5, 68.9, 68.9, 0.0);	(731771.4, 4052231.5, 69.3, 69.3, 0.0);
(731771.4, 4052181.5, 69.6, 69.6, 0.0);	(731721.4, 4052281.5, 69.0, 69.0, 0.0);
(731721.4, 4052231.5, 69.3, 69.3, 0.0);	(731721.4, 4052181.5, 69.7, 69.7, 0.0);
(731671.4, 4052281.5, 69.0, 69.0, 0.0);	(731671.4, 4052231.5, 69.4, 69.4, 0.0);
(731671.4, 4052181.5, 69.7, 69.7, 0.0);	(731621.4, 4052281.5, 69.1, 69.1, 0.0);
(731621.4, 4052231.5, 69.5, 69.5, 0.0);	(731621.4, 4052181.5, 69.8, 69.8, 0.0);
(731571.4, 4052281.5, 69.2, 69.2, 0.0);	(731571.4, 4052231.5, 69.6, 69.6, 0.0);
(731571.4, 4052181.5, 69.9, 69.9, 0.0);	(731521.4, 4052281.5, 69.3, 69.3, 0.0);
(731521.4, 4052231.5, 69.7, 69.7, 0.0);	(731521.4, 4052181.5, 70.0, 70.0, 0.0);
(731471.4, 4052281.5, 69.4, 69.4, 0.0);	(731471.4, 4052231.5, 69.7, 69.7, 0.0);
(731471.4, 4052181.5, 70.0, 70.0, 0.0);	(731421.4, 4052281.5, 69.5, 69.5, 0.0);
(731421.4, 4052231.5, 69.8, 69.8, 0.0);	(731421.4, 4052181.5, 70.1, 70.1, 0.0);
(731371.4, 4052281.5, 69.6, 69.6, 0.0);	(731371.4, 4052231.5, 69.9, 69.9, 0.0);
(731371.4, 4052181.5, 70.2, 70.2, 0.0);	(731321.4, 4052281.5, 69.7, 69.7, 0.0);
(731321.4, 4052231.5, 69.9, 69.9, 0.0);	(731321.4, 4052181.5, 70.2, 70.2, 0.0);
(731271.4, 4052281.5, 69.7, 69.7, 0.0);	(731271.4, 4052231.5, 69.9, 69.9, 0.0);
(731271.4, 4052181.5, 70.1, 70.1, 0.0);	(731221.4, 4052281.5, 69.6, 69.6, 0.0);
(731221.4, 4052231.5, 69.7, 69.7, 0.0);	(731221.4, 4052181.5, 69.8, 69.8, 0.0);
(731171.4, 4052281.5, 69.4, 69.4, 0.0);	(731171.4, 4052231.5, 69.4, 69.4, 0.0);
(731171.4, 4052181.5, 69.4, 69.4, 0.0);	(731121.4, 4052281.5, 69.6, 69.6, 0.0);
(731121.4, 4052231.5, 69.7, 69.7, 0.0);	(731121.4, 4052181.5, 69.8, 69.8, 0.0);
(731071.4, 4052281.5, 69.8, 69.8, 0.0);	(731071.4, 4052231.5, 70.0, 70.0, 0.0);
(731071.4, 4052181.5, 70.2, 70.2, 0.0);	(731021.4, 4052281.5, 69.9, 69.9, 0.0);
(731021.4, 4052231.5, 70.1, 70.1, 0.0);	(731021.4, 4052181.5, 70.4, 70.4, 0.0);
(730971.4, 4052281.5, 70.0, 70.0, 0.0);	(730971.4, 4052231.5, 70.2, 70.2, 0.0);
(730971.4, 4052181.5, 70.4, 70.4, 0.0);	(730921.4, 4052281.5, 70.0, 70.0, 0.0);
(730921.4, 4052231.5, 70.2, 70.2, 0.0);	(730921.4, 4052181.5, 70.5, 70.5, 0.0);
(730871.4, 4052281.5, 70.0, 70.0, 0.0);	(730871.4, 4052231.5, 70.3, 70.3, 0.0);
(730871.4, 4052181.5, 70.5, 70.5, 0.0);	(730821.4, 4052281.5, 70.0, 70.0, 0.0);
(730821.4, 4052231.5, 70.3, 70.3, 0.0);	(730821.4, 4052181.5, 70.6, 70.6, 0.0);
(730771.4, 4052281.5, 70.1, 70.1, 0.0);	(730771.4, 4052231.5, 70.4, 70.4, 0.0);
(730771.4, 4052181.5, 70.6, 70.6, 0.0);	(730721.4, 4052281.5, 70.2, 70.2, 0.0);
(730721.4, 4052231.5, 70.4, 70.4, 0.0);	(730721.4, 4052181.5, 70.7, 70.7, 0.0);
(730821.4, 4052331.5, 69.8, 69.8, 0.0);	(730821.4, 4052381.5, 69.5, 69.5, 0.0);
(730821.4, 4052431.5, 69.4, 69.4, 0.0);	(730821.4, 4052481.5, 69.5, 69.5, 0.0);
(730821.4, 4052531.5, 69.5, 69.5, 0.0);	(730821.4, 4052581.5, 69.3, 69.3, 0.0);
(730821.4, 4052631.5, 69.2, 69.2, 0.0);	(730821.4, 4052681.5, 69.0, 69.0, 0.0);
(730821.4, 4052731.5, 68.8, 68.8, 0.0);	(730821.4, 4052781.5, 68.7, 68.7, 0.0);
(730821.4, 4052831.5, 68.5, 68.5, 0.0);	(730821.4, 4052881.5, 68.4, 68.4, 0.0);
(730821.4, 4052931.5, 68.3, 68.3, 0.0);	(730821.4, 4052981.5, 68.1, 68.1, 0.0);
(730821.4, 4053031.5, 68.0, 68.0, 0.0);	(730821.4, 4053081.5, 67.8, 67.8, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730821.4, 4053131.5, 67.7, 67.7, 0.0);	(730821.4, 4053181.5, 67.6, 67.6, 0.0);
(730821.4, 4053231.5, 67.5, 67.5, 0.0);	(730821.4, 4053281.5, 67.4, 67.4, 0.0);
(730821.4, 4053331.5, 67.2, 67.2, 0.0);	(730821.4, 4053381.5, 67.1, 67.1, 0.0);
(730821.4, 4053431.5, 67.0, 67.0, 0.0);	(730821.4, 4053481.5, 66.9, 66.9, 0.0);
(730821.4, 4053531.5, 66.8, 66.8, 0.0);	(730821.4, 4053581.5, 66.7, 66.7, 0.0);
(730821.4, 4053631.5, 66.6, 66.6, 0.0);	(730821.4, 4053681.5, 66.5, 66.5, 0.0);
(730821.4, 4053731.5, 66.4, 66.4, 0.0);	(730821.4, 4053781.5, 66.3, 66.3, 0.0);
(730821.4, 4053831.5, 66.2, 66.2, 0.0);	(730821.4, 4053881.5, 66.1, 66.1, 0.0);
(730821.4, 4053931.5, 66.0, 66.0, 0.0);	(730821.4, 4053981.5, 66.0, 66.0, 0.0);
(730821.4, 4054031.5, 65.9, 65.9, 0.0);	(730821.4, 4054081.5, 65.9, 65.9, 0.0);
(730821.4, 4054131.5, 65.8, 65.8, 0.0);	(730821.4, 4054181.5, 65.7, 65.7, 0.0);
(730821.4, 4054231.5, 65.6, 65.6, 0.0);	(730821.4, 4054281.5, 65.6, 65.6, 0.0);
(730821.4, 4054331.5, 65.6, 65.6, 0.0);	(730821.4, 4054381.5, 65.5, 65.5, 0.0);
(730821.4, 4054431.5, 65.5, 65.5, 0.0);	(730821.4, 4054481.5, 65.4, 65.4, 0.0);
(730821.4, 4054531.5, 65.4, 65.4, 0.0);	(730821.4, 4054581.5, 65.4, 65.4, 0.0);
(730821.4, 4054631.5, 65.3, 65.3, 0.0);	(730821.4, 4054681.5, 65.2, 65.2, 0.0);
(730821.4, 4054731.5, 65.1, 65.1, 0.0);	(730821.4, 4054781.5, 65.0, 65.0, 0.0);
(730821.4, 4054831.5, 64.9, 64.9, 0.0);	(730821.4, 4054881.5, 64.9, 64.9, 0.0);

(730821.4, 4054931.5, 64.9, 64.9, 0.0);	(730821.4, 4054981.5, 64.9, 64.9, 0.0);
(730821.4, 4055031.5, 65.0, 65.0, 0.0);	(730821.4, 4055081.5, 65.0, 65.0, 0.0);
(730821.4, 4055131.5, 65.0, 65.0, 0.0);	(730821.4, 4055181.5, 65.1, 65.1, 0.0);
(730821.4, 4055231.5, 65.1, 65.1, 0.0);	(730821.4, 4055281.5, 65.1, 65.1, 0.0);
(730821.4, 4055331.5, 65.2, 65.2, 0.0);	(730821.4, 4055381.5, 65.2, 65.2, 0.0);
(730821.4, 4055431.5, 65.3, 65.3, 0.0);	(730821.4, 4055481.5, 65.3, 65.3, 0.0);
(730771.4, 4052331.5, 69.8, 69.8, 0.0);	(730771.4, 4052381.5, 69.5, 69.5, 0.0);
(730771.4, 4052431.5, 69.4, 69.4, 0.0);	(730771.4, 4052481.5, 69.6, 69.6, 0.0);
(730771.4, 4052531.5, 69.5, 69.5, 0.0);	(730771.4, 4052581.5, 69.4, 69.4, 0.0);
(730771.4, 4052631.5, 69.2, 69.2, 0.0);	(730771.4, 4052681.5, 69.1, 69.1, 0.0);
(730771.4, 4052731.5, 68.9, 68.9, 0.0);	(730771.4, 4052781.5, 68.8, 68.8, 0.0);
(730771.4, 4052831.5, 68.6, 68.6, 0.0);	(730771.4, 4052881.5, 68.5, 68.5, 0.0);
(730771.4, 4052931.5, 68.3, 68.3, 0.0);	(730771.4, 4052981.5, 68.2, 68.2, 0.0);
(730771.4, 4053031.5, 68.1, 68.1, 0.0);	(730771.4, 4053081.5, 68.0, 68.0, 0.0);
(730771.4, 4053131.5, 67.8, 67.8, 0.0);	(730771.4, 4053181.5, 67.7, 67.7, 0.0);
(730771.4, 4053231.5, 67.6, 67.6, 0.0);	(730771.4, 4053281.5, 67.5, 67.5, 0.0);
(730771.4, 4053331.5, 67.4, 67.4, 0.0);	(730771.4, 4053381.5, 67.2, 67.2, 0.0);
(730771.4, 4053431.5, 67.1, 67.1, 0.0);	(730771.4, 4053481.5, 67.0, 67.0, 0.0);
(730771.4, 4053531.5, 66.9, 66.9, 0.0);	(730771.4, 4053581.5, 66.8, 66.8, 0.0);
(730771.4, 4053631.5, 66.7, 66.7, 0.0);	(730771.4, 4053681.5, 66.6, 66.6, 0.0);
(730771.4, 4053731.5, 66.5, 66.5, 0.0);	(730771.4, 4053781.5, 66.4, 66.4, 0.0);
(730771.4, 4053831.5, 66.3, 66.3, 0.0);	(730771.4, 4053881.5, 66.2, 66.2, 0.0);
(730771.4, 4053931.5, 66.1, 66.1, 0.0);	(730771.4, 4053981.5, 66.0, 66.0, 0.0);
(730771.4, 4054031.5, 66.0, 66.0, 0.0);	(730771.4, 4054081.5, 65.9, 65.9, 0.0);
(730771.4, 4054131.5, 65.9, 65.9, 0.0);	(730771.4, 4054181.5, 65.8, 65.8, 0.0);
(730771.4, 4054231.5, 65.8, 65.8, 0.0);	(730771.4, 4054281.5, 65.7, 65.7, 0.0);
(730771.4, 4054331.5, 65.7, 65.7, 0.0);	(730771.4, 4054381.5, 65.6, 65.6, 0.0);

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730771.4, 4054431.5, 65.6, 65.6, 0.0);	(730771.4, 4054481.5, 65.5, 65.5, 0.0);
(730771.4, 4054531.5, 65.5, 65.5, 0.0);	(730771.4, 4054581.5, 65.4, 65.4, 0.0);
(730771.4, 4054631.5, 65.3, 65.3, 0.0);	(730771.4, 4054681.5, 65.2, 65.2, 0.0);
(730771.4, 4054731.5, 65.2, 65.2, 0.0);	(730771.4, 4054781.5, 65.1, 65.1, 0.0);
(730771.4, 4054831.5, 65.0, 65.0, 0.0);	(730771.4, 4054881.5, 65.0, 65.0, 0.0);
(730771.4, 4054931.5, 65.0, 65.0, 0.0);	(730771.4, 4054981.5, 65.1, 65.1, 0.0);
(730771.4, 4055031.5, 65.1, 65.1, 0.0);	(730771.4, 4055081.5, 65.1, 65.1, 0.0);
(730771.4, 4055131.5, 65.2, 65.2, 0.0);	(730771.4, 4055181.5, 65.2, 65.2, 0.0);
(730771.4, 4055231.5, 65.2, 65.2, 0.0);	(730771.4, 4055281.5, 65.3, 65.3, 0.0);
(730771.4, 4055331.5, 65.3, 65.3, 0.0);	(730771.4, 4055381.5, 65.4, 65.4, 0.0);
(730771.4, 4055431.5, 65.4, 65.4, 0.0);	(730771.4, 4055481.5, 65.4, 65.4, 0.0);
(730721.4, 4052331.5, 69.8, 69.8, 0.0);	(730721.4, 4052381.5, 69.5, 69.5, 0.0);
(730721.4, 4052431.5, 69.4, 69.4, 0.0);	(730721.4, 4052481.5, 69.7, 69.7, 0.0);
(730721.4, 4052531.5, 69.6, 69.6, 0.0);	(730721.4, 4052581.5, 69.5, 69.5, 0.0);
(730721.4, 4052631.5, 69.3, 69.3, 0.0);	(730721.4, 4052681.5, 69.2, 69.2, 0.0);
(730721.4, 4052731.5, 69.0, 69.0, 0.0);	(730721.4, 4052781.5, 68.9, 68.9, 0.0);
(730721.4, 4052831.5, 68.7, 68.7, 0.0);	(730721.4, 4052881.5, 68.6, 68.6, 0.0);
(730721.4, 4052931.5, 68.4, 68.4, 0.0);	(730721.4, 4052981.5, 68.3, 68.3, 0.0);
(730721.4, 4053031.5, 68.2, 68.2, 0.0);	(730721.4, 4053081.5, 68.1, 68.1, 0.0);
(730721.4, 4053131.5, 67.9, 67.9, 0.0);	(730721.4, 4053181.5, 67.8, 67.8, 0.0);
(730721.4, 4053231.5, 67.7, 67.7, 0.0);	(730721.4, 4053281.5, 67.6, 67.6, 0.0);
(730721.4, 4053331.5, 67.5, 67.5, 0.0);	(730721.4, 4053381.5, 67.3, 67.3, 0.0);
(730721.4, 4053431.5, 67.2, 67.2, 0.0);	(730721.4, 4053481.5, 67.1, 67.1, 0.0);
(730721.4, 4053531.5, 67.0, 67.0, 0.0);	(730721.4, 4053581.5, 66.9, 66.9, 0.0);
(730721.4, 4053631.5, 66.8, 66.8, 0.0);	(730721.4, 4053681.5, 66.7, 66.7, 0.0);
(730721.4, 4053731.5, 66.6, 66.6, 0.0);	(730721.4, 4053781.5, 66.5, 66.5, 0.0);
(730721.4, 4053831.5, 66.4, 66.4, 0.0);	(730721.4, 4053881.5, 66.3, 66.3, 0.0);
(730721.4, 4053931.5, 66.2, 66.2, 0.0);	(730721.4, 4053981.5, 66.1, 66.1, 0.0);
(730721.4, 4054031.5, 66.1, 66.1, 0.0);	(730721.4, 4054081.5, 66.0, 66.0, 0.0);
(730721.4, 4054131.5, 65.9, 65.9, 0.0);	(730721.4, 4054181.5, 65.9, 65.9, 0.0);
(730721.4, 4054231.5, 65.8, 65.8, 0.0);	(730721.4, 4054281.5, 65.8, 65.8, 0.0);
(730721.4, 4054331.5, 65.7, 65.7, 0.0);	(730721.4, 4054381.5, 65.7, 65.7, 0.0);
(730721.4, 4054431.5, 65.6, 65.6, 0.0);	(730721.4, 4054481.5, 65.6, 65.6, 0.0);
(730721.4, 4054531.5, 65.5, 65.5, 0.0);	(730721.4, 4054581.5, 65.5, 65.5, 0.0);
(730721.4, 4054631.5, 65.4, 65.4, 0.0);	(730721.4, 4054681.5, 65.4, 65.4, 0.0);
(730721.4, 4054731.5, 65.3, 65.3, 0.0);	(730721.4, 4054781.5, 65.2, 65.2, 0.0);
(730721.4, 4054831.5, 65.2, 65.2, 0.0);	(730721.4, 4054881.5, 65.2, 65.2, 0.0);
(730721.4, 4054931.5, 65.2, 65.2, 0.0);	(730721.4, 4054981.5, 65.2, 65.2, 0.0);
(730721.4, 4055031.5, 65.3, 65.3, 0.0);	(730721.4, 4055081.5, 65.3, 65.3, 0.0);
(730721.4, 4055131.5, 65.3, 65.3, 0.0);	(730721.4, 4055181.5, 65.4, 65.4, 0.0);
(730721.4, 4055231.5, 65.4, 65.4, 0.0);	(730721.4, 4055281.5, 65.4, 65.4, 0.0);
(730721.4, 4055331.5, 65.5, 65.5, 0.0);	(730721.4, 4055381.5, 65.5, 65.5, 0.0);
(730721.4, 4055431.5, 65.6, 65.6, 0.0);	(730721.4, 4055481.5, 65.7, 65.7, 0.0);
(730721.4, 4055564.8, 65.7, 65.7, 0.0);	(730721.4, 4055648.2, 65.8, 65.8, 0.0);
(730721.4, 4055731.5, 65.9, 65.9, 0.0);	(730820.0, 4055564.8, 65.3, 65.3, 0.0);

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730820.0, 4055648.2, 65.5, 65.5, 0.0);	(730820.0, 4055731.5, 65.6, 65.6, 0.0);
(730918.6, 4055648.8, 65.0, 65.0, 0.0);	(730918.6, 4055648.2, 65.1, 65.1, 0.0);
(730918.6, 4055731.5, 65.3, 65.3, 0.0);	(731017.2, 4055564.8, 64.8, 64.8, 0.0);
(731017.2, 4055648.2, 65.1, 65.1, 0.0);	(731017.2, 4055731.5, 65.1, 65.1, 0.0);
(731115.8, 4055648.8, 64.8, 64.8, 0.0);	(731115.8, 4055648.2, 64.9, 64.9, 0.0);
(731115.8, 4055731.5, 64.9, 64.9, 0.0);	(731214.4, 4055564.8, 64.6, 64.6, 0.0);
(731214.4, 4055648.2, 64.6, 64.6, 0.0);	(731214.4, 4055731.5, 64.7, 64.7, 0.0);
(731313.1, 4055648.8, 64.4, 64.4, 0.0);	(731313.1, 4055648.2, 64.4, 64.4, 0.0);
(731313.1, 4055731.5, 64.4, 64.4, 0.0);	(731411.6, 4055564.8, 64.1, 64.1, 0.0);
(731411.6, 4055648.2, 64.2, 64.2, 0.0);	(731411.6, 4055731.5, 64.3, 64.3, 0.0);
(731510.2, 4055564.8, 63.9, 63.9, 0.0);	(731510.2, 4055648.2, 64.0, 64.0, 0.0);
(731510.2, 4055731.5, 64.0, 64.0, 0.0);	(731608.9, 4055564.8, 63.7, 63.7, 0.0);
(731608.9, 4055648.2, 63.8, 63.8, 0.0);	(731608.9, 4055731.5, 63.8, 63.8, 0.0);
(731707.5, 4055564.8, 63.5, 63.5, 0.0);	(731707.5, 4055648.2, 63.6, 63.6, 0.0);
(731707.5, 4055731.5, 63.7, 63.7, 0.0);	(731806.1, 4055564.8, 63.3, 63.3, 0.0);
(731806.1, 4055648.2, 63.4, 63.4, 0.0);	(731806.1, 4055731.5, 63.5, 63.5, 0.0);
(731904.7, 4055564.8, 63.1, 63.1, 0.0);	(731904.7, 4055648.2, 63.2, 63.2, 0.0);
(731904.7, 4055731.5, 63.3, 63.3, 0.0);	(732003.3, 4055564.8, 63.0, 63.0, 0.0);
(732003.3, 4055648.2, 63.0, 63.0, 0.0);	(732003.3, 4055731.5, 63.1, 63.1, 0.0);
(732101.9, 4055564.8, 62.8, 62.8, 0.0);	(732101.9, 4055648.2, 62.9, 62.9, 0.0);
(732101.9, 4055731.5, 62.9, 62.9, 0.0);	(732200.6, 4055564.8, 62.6, 62.6, 0.0);
(732200.6, 4055648.2, 62.7, 62.7, 0.0);	(732200.6, 4055731.5, 62.8, 62.8, 0.0);
(732299.1, 4055564.8, 62.4, 62.4, 0.0);	(732299.1, 4055648.2, 62.5, 62.5, 0.0);
(732299.1, 4055731.5, 62.6, 62.6, 0.0);	(732397.8, 4055564.8, 62.2, 62.2, 0.0);
(732397.8, 4055648.2, 62.3, 62.3, 0.0);	(732397.8, 4055731.5, 62.4, 62.4, 0.0);

(732496.4, 4055564.8, 62.0, 62.0, 0.0);	(732496.4, 4055648.2, 62.1, 62.1, 0.0);
(732496.4, 4055731.5, 62.2, 62.2, 0.0);	(732595.0, 4055564.8, 61.9, 61.9, 0.0);
(732595.0, 4055648.2, 61.9, 61.9, 0.0);	(732595.0, 4055731.5, 62.0, 62.0, 0.0);
(732693.6, 4055564.8, 61.7, 61.7, 0.0);	(732693.6, 4055648.2, 61.7, 61.7, 0.0);
(732693.6, 4055731.5, 61.8, 61.8, 0.0);	(732792.2, 4055564.8, 61.5, 61.5, 0.0);
(732792.2, 4055648.2, 61.6, 61.6, 0.0);	(732792.2, 4055731.5, 61.7, 61.7, 0.0);
(732890.8, 4055564.8, 61.4, 61.4, 0.0);	(732890.8, 4055648.2, 61.4, 61.4, 0.0);
(732890.8, 4055731.5, 61.5, 61.5, 0.0);	(732989.4, 4055564.8, 61.2, 61.2, 0.0);
(732989.4, 4055648.2, 61.3, 61.3, 0.0);	(732989.4, 4055731.5, 61.3, 61.3, 0.0);
(733088.1, 4055564.8, 61.1, 61.1, 0.0);	(733088.1, 4055648.2, 61.1, 61.1, 0.0);
(733088.1, 4055731.5, 61.1, 61.1, 0.0);	(733186.6, 4055564.8, 60.9, 60.9, 0.0);
(733186.6, 4055648.2, 60.9, 60.9, 0.0);	(733186.6, 4055731.5, 60.9, 60.9, 0.0);
(733285.2, 4055564.8, 60.7, 60.7, 0.0);	(733285.2, 4055648.2, 60.7, 60.7, 0.0);
(733285.2, 4055731.5, 60.7, 60.7, 0.0);	(733383.9, 4055564.8, 60.5, 60.5, 0.0);
(733383.9, 4055648.2, 60.5, 60.5, 0.0);	(733383.9, 4055731.5, 60.5, 60.5, 0.0);
(733482.5, 4055564.8, 60.4, 60.4, 0.0);	(733482.5, 4055648.2, 60.4, 60.4, 0.0);
(733482.5, 4055731.5, 60.3, 60.3, 0.0);	(733581.1, 4055564.8, 60.2, 60.2, 0.0);
(733581.1, 4055648.2, 60.2, 60.2, 0.0);	(733581.1, 4055731.5, 60.2, 60.2, 0.0);
(733679.7, 4055564.8, 60.0, 60.0, 0.0);	(733679.7, 4055648.2, 60.0, 60.0, 0.0);
(733679.7, 4055731.5, 60.0, 60.0, 0.0);	(733778.3, 4055564.8, 59.8, 59.8, 0.0);

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
 (METERS)

(733778.3, 4055648.2, 59.8, 59.8, 0.0);	(733778.3, 4055731.5, 59.8, 59.8, 0.0);
(733876.9, 4055564.8, 59.7, 59.7, 0.0);	(733876.9, 4055648.2, 59.6, 59.6, 0.0);
(733876.9, 4055731.5, 59.6, 59.6, 0.0);	(733975.6, 4055564.8, 59.5, 59.5, 0.0);
(733975.6, 4055648.2, 59.4, 59.4, 0.0);	(733975.6, 4055731.5, 59.5, 59.5, 0.0);
(734074.1, 4055564.8, 59.3, 59.3, 0.0);	(734074.1, 4055648.2, 59.3, 59.3, 0.0);
(734074.1, 4055731.5, 59.3, 59.3, 0.0);	(734172.8, 4055564.8, 59.1, 59.1, 0.0);
(734172.8, 4055648.2, 59.1, 59.1, 0.0);	(734172.8, 4055731.5, 59.1, 59.1, 0.0);
(734271.4, 4055564.8, 58.9, 58.9, 0.0);	(734271.4, 4055648.2, 58.9, 58.9, 0.0);
(734271.4, 4055731.5, 58.9, 58.9, 0.0);	(734104.7, 4055481.5, 59.3, 59.3, 0.0);
(734104.7, 4055383.0, 59.3, 59.3, 0.0);	(734104.7, 4055284.2, 59.3, 59.3, 0.0);
(734104.7, 4055185.8, 59.4, 59.4, 0.0);	(734104.7, 4055087.0, 59.4, 59.4, 0.0);
(734104.7, 4054988.5, 59.5, 59.5, 0.0);	(734104.7, 4054889.8, 59.5, 59.5, 0.0);
(734104.7, 4054791.2, 59.6, 59.6, 0.0);	(734104.7, 4054692.5, 59.7, 59.7, 0.0);
(734104.7, 4054594.0, 59.8, 59.8, 0.0);	(734104.7, 4054495.5, 59.8, 59.8, 0.0);
(734104.7, 4054396.8, 59.9, 59.9, 0.0);	(734104.7, 4054298.2, 60.0, 60.0, 0.0);
(734104.7, 4054199.5, 60.1, 60.1, 0.0);	(734104.7, 4054101.0, 60.2, 60.2, 0.0);
(734104.7, 4054002.2, 60.3, 60.3, 0.0);	(734104.7, 4053903.8, 60.4, 60.4, 0.0);
(734104.7, 4053805.0, 60.5, 60.5, 0.0);	(734104.7, 4053706.5, 60.7, 60.7, 0.0);
(734104.7, 4053608.0, 60.8, 60.8, 0.0);	(734104.7, 4053509.2, 60.9, 60.9, 0.0);
(734104.7, 4053410.8, 61.0, 61.0, 0.0);	(734104.7, 4053312.0, 61.2, 61.2, 0.0);
(734104.7, 4053213.5, 61.3, 61.3, 0.0);	(734104.7, 4053114.8, 61.5, 61.5, 0.0);
(734104.7, 4053016.2, 61.6, 61.6, 0.0);	(734104.7, 4052917.5, 61.8, 61.8, 0.0);
(734104.7, 4052819.0, 62.0, 62.0, 0.0);	(734104.7, 4052720.5, 62.3, 62.3, 0.0);
(734104.7, 4052621.8, 62.6, 62.6, 0.0);	(734104.7, 4052523.2, 62.9, 62.9, 0.0);
(734104.7, 4052424.5, 63.2, 63.2, 0.0);	(734104.7, 4052326.0, 63.5, 63.5, 0.0);
(734104.7, 4052227.2, 63.8, 63.8, 0.0);	(734104.7, 4052128.8, 64.0, 64.0, 0.0);
(734104.7, 4052030.0, 64.2, 64.2, 0.0);	(734104.7, 4051931.5, 64.5, 64.5, 0.0);
(734188.1, 4055481.5, 59.1, 59.1, 0.0);	(734188.1, 4055383.0, 59.1, 59.1, 0.0);
(734188.1, 4055284.2, 59.2, 59.2, 0.0);	(734188.1, 4055185.8, 59.2, 59.2, 0.0);
(734188.1, 4055087.0, 59.3, 59.3, 0.0);	(734188.1, 4054988.5, 59.3, 59.3, 0.0);
(734188.1, 4054889.8, 59.4, 59.4, 0.0);	(734188.1, 4054791.2, 59.5, 59.5, 0.0);
(734188.1, 4054692.5, 59.5, 59.5, 0.0);	(734188.1, 4054594.0, 59.6, 59.6, 0.0);
(734188.1, 4054495.5, 59.7, 59.7, 0.0);	(734188.1, 4054396.8, 59.8, 59.8, 0.0);
(734188.1, 4054298.2, 59.9, 59.9, 0.0);	(734188.1, 4054199.5, 60.0, 60.0, 0.0);
(734188.1, 4054101.0, 60.1, 60.1, 0.0);	(734188.1, 4054002.2, 60.2, 60.2, 0.0);
(734188.1, 4053903.8, 60.3, 60.3, 0.0);	(734188.1, 4053805.0, 60.4, 60.4, 0.0);
(734188.1, 4053706.5, 60.5, 60.5, 0.0);	(734188.1, 4053608.0, 60.6, 60.6, 0.0);
(734188.1, 4053509.2, 60.8, 60.8, 0.0);	(734188.1, 4053410.8, 60.9, 60.9, 0.0);
(734188.1, 4053312.0, 61.1, 61.1, 0.0);	(734188.1, 4053213.5, 61.2, 61.2, 0.0);
(734188.1, 4053114.8, 61.4, 61.4, 0.0);	(734188.1, 4053016.2, 61.5, 61.5, 0.0);
(734188.1, 4052917.5, 61.7, 61.7, 0.0);	(734188.1, 4052819.0, 61.9, 61.9, 0.0);
(734188.1, 4052720.5, 62.2, 62.2, 0.0);	(734188.1, 4052621.8, 62.5, 62.5, 0.0);
(734188.1, 4052523.2, 62.8, 62.8, 0.0);	(734188.1, 4052424.5, 63.1, 63.1, 0.0);
(734188.1, 4052326.0, 63.4, 63.4, 0.0);	(734188.1, 4052227.2, 63.6, 63.6, 0.0);
(734188.1, 4052128.8, 63.9, 63.9, 0.0);	(734188.1, 4052030.0, 64.1, 64.1, 0.0);

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*** DISCRETE CARTESIAN RECEPTORS ***
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 (METERS)

(734188.1, 4051931.5, 64.4, 64.4, 0.0);	(734271.4, 4055481.5, 59.0, 59.0, 0.0);
(734271.4, 4055383.0, 59.0, 59.0, 0.0);	(734271.4, 4055284.2, 59.0, 59.0, 0.0);
(734271.4, 4055185.8, 59.1, 59.1, 0.0);	(734271.4, 4055087.0, 59.1, 59.1, 0.0);
(734271.4, 4054988.5, 59.2, 59.2, 0.0);	(734271.4, 4054889.8, 59.3, 59.3, 0.0);
(734271.4, 4054791.2, 59.3, 59.3, 0.0);	(734271.4, 4054692.5, 59.4, 59.4, 0.0);
(734271.4, 4054594.0, 59.5, 59.5, 0.0);	(734271.4, 4054495.5, 59.6, 59.6, 0.0);
(734271.4, 4054396.8, 59.7, 59.7, 0.0);	(734271.4, 4054298.2, 59.7, 59.7, 0.0);
(734271.4, 4054199.5, 59.8, 59.8, 0.0);	(734271.4, 4054101.0, 60.0, 60.0, 0.0);
(734271.4, 4054002.2, 60.1, 60.1, 0.0);	(734271.4, 4053903.8, 60.2, 60.2, 0.0);
(734271.4, 4053805.0, 60.3, 60.3, 0.0);	(734271.4, 4053706.5, 60.4, 60.4, 0.0);
(734271.4, 4053608.0, 60.5, 60.5, 0.0);	(734271.4, 4053509.2, 60.6, 60.6, 0.0);
(734271.4, 4053410.8, 60.8, 60.8, 0.0);	(734271.4, 4053312.0, 60.9, 60.9, 0.0);
(734271.4, 4053213.5, 61.1, 61.1, 0.0);	(734271.4, 4053114.8, 61.2, 61.2, 0.0);
(734271.4, 4053016.2, 61.4, 61.4, 0.0);	(734271.4, 4052917.5, 61.6, 61.6, 0.0);
(734271.4, 4052819.0, 61.7, 61.7, 0.0);	(734271.4, 4052720.5, 62.0, 62.0, 0.0);
(734271.4, 4052621.8, 62.4, 62.4, 0.0);	(734271.4, 4052523.2, 62.7, 62.7, 0.0);
(734271.4, 4052424.5, 63.0, 63.0, 0.0);	(734271.4, 4052326.0, 63.2, 63.2, 0.0);
(734271.4, 4052227.2, 63.5, 63.5, 0.0);	(734271.4, 4052128.8, 63.8, 63.8, 0.0);
(734271.4, 4052030.0, 64.0, 64.0, 0.0);	(734271.4, 4051931.5, 64.2, 64.2, 0.0);
(734021.4, 4052098.2, 64.2, 64.2, 0.0);	(734021.4, 4052014.8, 64.4, 64.4, 0.0);
(734021.4, 4051931.5, 64.6, 64.6, 0.0);	(733922.8, 4052098.2, 64.4, 64.4, 0.0);
(733922.8, 4052014.8, 64.6, 64.6, 0.0);	(733922.8, 4051931.5, 64.7, 64.7, 0.0);
(733824.1, 4052098.2, 64.6, 64.6, 0.0);	(733824.1, 4052014.8, 64.8, 64.8, 0.0);
(733824.1, 4051931.5, 65.0, 65.0, 0.0);	(733725.6, 4052098.2, 64.8, 64.8, 0.0);
(733725.6, 4052014.8, 65.0, 65.0, 0.0);	(733725.6, 4051931.5, 65.3, 65.3, 0.0);
(733626.9, 4052098.2, 65.0, 65.0, 0.0);	(733626.9, 4052014.8, 65.3, 65.3, 0.0);
(733626.9, 4051931.5, 65.6, 65.6, 0.0);	(733528.3, 4052098.2, 65.2, 65.2, 0.0);
(733528.3, 4052014.8, 65.5, 65.5, 0.0);	(733528.3, 4051931.5, 65.8, 65.8, 0.0);
(733429.7, 4052098.2, 65.4, 65.4, 0.0);	(733429.7, 4052014.8, 65.7, 65.7, 0.0);
(733429.7, 4051931.5, 66.0, 66.0, 0.0);	(733331.1, 4052098.2, 65.7, 65.7, 0.0);
(733331.1, 4052014.8, 66.0, 66.0, 0.0);	(733331.1, 4051931.5, 66.2, 66.2, 0.0);
(733232.5, 4052098.2, 66.0, 66.0, 0.0);	(733232.5, 4052014.8, 66.3, 66.3, 0.0);

(73232.5, 4051931.5, 66.5, 66.5, 0.0);	(733133.9, 4052098.2, 66.3, 66.3, 0.0);
(733133.9, 4052014.8, 66.6, 66.6, 0.0);	(733133.9, 4051931.5, 66.9, 66.9, 0.0);
(733035.2, 4052098.2, 66.6, 66.6, 0.0);	(733035.2, 4052014.8, 66.9, 66.9, 0.0);
(733035.2, 4051931.5, 67.3, 67.3, 0.0);	(732936.6, 4052098.2, 66.8, 66.8, 0.0);
(732936.6, 4052014.8, 67.2, 67.2, 0.0);	(732936.6, 4051931.5, 67.6, 67.6, 0.0);
(732838.1, 4052098.2, 67.1, 67.1, 0.0);	(732838.1, 4052014.8, 67.5, 67.5, 0.0);
(732838.1, 4051931.5, 67.8, 67.8, 0.0);	(732739.4, 4052098.2, 67.4, 67.4, 0.0);
(732739.4, 4052014.8, 67.7, 67.7, 0.0);	(732739.4, 4051931.5, 68.2, 68.2, 0.0);
(732640.8, 4052098.2, 67.7, 67.7, 0.0);	(732640.8, 4052014.8, 68.0, 68.0, 0.0);
(732640.8, 4051931.5, 68.6, 68.6, 0.0);	(732542.2, 4052098.2, 68.0, 68.0, 0.0);
(732542.2, 4052014.8, 68.5, 68.5, 0.0);	(732542.2, 4051931.5, 69.0, 69.0, 0.0);
(732443.6, 4052098.2, 68.4, 68.4, 0.0);	(732443.6, 4052014.8, 68.9, 68.9, 0.0);
(732443.6, 4051931.5, 69.4, 69.4, 0.0);	(732345.0, 4052098.2, 68.8, 68.8, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(732345.0, 4052014.8, 69.2, 69.2, 0.0);	(732345.0, 4051931.5, 69.8, 69.8, 0.0);
(732246.4, 4052098.2, 69.1, 69.1, 0.0);	(732246.4, 4052014.8, 69.6, 69.6, 0.0);
(732246.4, 4051931.5, 70.1, 70.1, 0.0);	(732147.8, 4052098.2, 69.4, 69.4, 0.0);
(732147.8, 4052014.8, 70.0, 70.0, 0.0);	(732147.8, 4051931.5, 70.6, 70.6, 0.0);
(732049.1, 4052098.2, 69.7, 69.7, 0.0);	(732049.1, 4052014.8, 70.2, 70.2, 0.0);
(732049.1, 4051931.5, 70.9, 70.9, 0.0);	(731950.6, 4052098.2, 69.9, 69.9, 0.0);
(731950.6, 4052014.8, 70.5, 70.5, 0.0);	(731950.6, 4051931.5, 71.1, 71.1, 0.0);
(731851.9, 4052098.2, 70.1, 70.1, 0.0);	(731851.9, 4052014.8, 70.7, 70.7, 0.0);
(731851.9, 4051931.5, 71.2, 71.2, 0.0);	(731753.3, 4052098.2, 70.2, 70.2, 0.0);
(731753.3, 4052014.8, 70.8, 70.8, 0.0);	(731753.3, 4051931.5, 71.3, 71.3, 0.0);
(731654.7, 4052098.2, 70.3, 70.3, 0.0);	(731654.7, 4052014.8, 70.9, 70.9, 0.0);
(731654.7, 4051931.5, 71.3, 71.3, 0.0);	(731556.1, 4052098.2, 70.5, 70.5, 0.0);
(731556.1, 4052014.8, 71.0, 71.0, 0.0);	(731556.1, 4051931.5, 71.4, 71.4, 0.0);
(731457.5, 4052098.2, 70.6, 70.6, 0.0);	(731457.5, 4052014.8, 71.0, 71.0, 0.0);
(731457.5, 4051931.5, 71.5, 71.5, 0.0);	(731358.9, 4052098.2, 70.6, 70.6, 0.0);
(731358.9, 4052014.8, 71.1, 71.1, 0.0);	(731358.9, 4051931.5, 71.5, 71.5, 0.0);
(731260.2, 4052098.2, 70.7, 70.7, 0.0);	(731260.2, 4052014.8, 71.1, 71.1, 0.0);
(731260.2, 4051931.5, 71.4, 71.4, 0.0);	(731161.6, 4052098.2, 70.7, 70.7, 0.0);
(731161.6, 4052014.8, 71.0, 71.0, 0.0);	(731161.6, 4051931.5, 71.0, 71.0, 0.0);
(731063.1, 4052098.2, 70.8, 70.8, 0.0);	(731063.1, 4052014.8, 71.2, 71.2, 0.0);
(731063.1, 4051931.5, 71.5, 71.5, 0.0);	(730964.4, 4052098.2, 70.9, 70.9, 0.0);
(730964.4, 4052014.8, 71.3, 71.3, 0.0);	(730964.4, 4051931.5, 71.7, 71.7, 0.0);
(730865.8, 4052098.2, 71.0, 71.0, 0.0);	(730865.8, 4052014.8, 71.3, 71.3, 0.0);
(730865.8, 4051931.5, 71.8, 71.8, 0.0);	(730767.2, 4052098.2, 71.0, 71.0, 0.0);
(730767.2, 4052014.8, 71.5, 71.5, 0.0);	(730767.2, 4051931.5, 71.8, 71.8, 0.0);
(730668.6, 4052098.2, 71.1, 71.1, 0.0);	(730668.6, 4052014.8, 71.5, 71.5, 0.0);
(730668.6, 4051931.5, 71.9, 71.9, 0.0);	(730570.0, 4052098.2, 71.2, 71.2, 0.0);
(730570.0, 4052014.8, 71.5, 71.5, 0.0);	(730570.0, 4051931.5, 72.0, 72.0, 0.0);
(730471.4, 4052098.2, 71.2, 71.2, 0.0);	(730471.4, 4052014.8, 71.4, 71.4, 0.0);
(730471.4, 4051931.5, 72.0, 72.0, 0.0);	(730381.1, 4052181.5, 70.8, 70.8, 0.0);
(730381.1, 4052280.0, 70.3, 70.3, 0.0);	(730381.1, 4052378.8, 69.8, 69.8, 0.0);
(730381.1, 4052477.2, 69.8, 69.8, 0.0);	(730381.1, 4052576.0, 69.6, 69.6, 0.0);
(730381.1, 4052674.5, 69.3, 69.3, 0.0);	(730381.1, 4052773.2, 69.0, 69.0, 0.0);
(730381.1, 4052871.8, 68.7, 68.7, 0.0);	(730381.1, 4052970.5, 68.5, 68.5, 0.0);
(730381.1, 4053069.0, 68.2, 68.2, 0.0);	(730381.1, 4053167.5, 68.0, 68.0, 0.0);
(730381.1, 4053266.2, 67.8, 67.8, 0.0);	(730381.1, 4053364.8, 67.5, 67.5, 0.0);
(730381.1, 4053463.5, 67.3, 67.3, 0.0);	(730381.1, 4053562.0, 67.1, 67.1, 0.0);
(730381.1, 4053660.8, 66.9, 66.9, 0.0);	(730381.1, 4053759.2, 66.7, 66.7, 0.0);
(730381.1, 4053858.0, 66.5, 66.5, 0.0);	(730381.1, 4053956.5, 66.4, 66.4, 0.0);
(730381.1, 4054055.0, 66.2, 66.2, 0.0);	(730381.1, 4054153.8, 66.1, 66.1, 0.0);
(730381.1, 4054252.2, 66.0, 66.0, 0.0);	(730381.1, 4054351.0, 65.8, 65.8, 0.0);
(730381.1, 4054449.5, 65.8, 65.8, 0.0);	(730381.1, 4054548.2, 65.7, 65.7, 0.0);
(730381.1, 4054646.8, 65.6, 65.6, 0.0);	(730381.1, 4054745.5, 65.5, 65.5, 0.0);
(730381.1, 4054844.0, 65.5, 65.5, 0.0);	(730381.1, 4054942.5, 65.5, 65.5, 0.0);
(730381.1, 4055041.2, 65.5, 65.5, 0.0);	(730381.1, 4055139.8, 65.6, 65.6, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(730638.1, 4055238.5, 65.6, 65.6, 0.0);	(730638.1, 4055337.0, 65.8, 65.8, 0.0);
(730638.1, 4055435.8, 65.8, 65.8, 0.0);	(730638.1, 4055534.2, 66.0, 66.0, 0.0);
(730638.1, 4055533.0, 66.0, 66.0, 0.0);	(730638.1, 4055731.5, 66.1, 66.1, 0.0);
(730554.7, 4052181.5, 70.8, 70.8, 0.0);	(730554.7, 4052280.0, 70.5, 70.5, 0.0);
(730554.7, 4052378.8, 70.3, 70.3, 0.0);	(730554.7, 4052477.2, 69.9, 69.9, 0.0);
(730554.7, 4052576.0, 69.7, 69.7, 0.0);	(730554.7, 4052674.5, 69.4, 69.4, 0.0);
(730554.7, 4052773.2, 69.1, 69.1, 0.0);	(730554.7, 4052871.8, 68.9, 68.9, 0.0);
(730554.7, 4052970.5, 68.6, 68.6, 0.0);	(730554.7, 4053069.0, 68.4, 68.4, 0.0);
(730554.7, 4053167.5, 68.1, 68.1, 0.0);	(730554.7, 4053266.2, 68.0, 68.0, 0.0);
(730554.7, 4053364.8, 67.7, 67.7, 0.0);	(730554.7, 4053463.5, 67.5, 67.5, 0.0);
(730554.7, 4053562.0, 67.3, 67.3, 0.0);	(730554.7, 4053660.8, 67.1, 67.1, 0.0);
(730554.7, 4053759.2, 66.9, 66.9, 0.0);	(730554.7, 4053858.0, 66.7, 66.7, 0.0);
(730554.7, 4053956.5, 66.5, 66.5, 0.0);	(730554.7, 4054055.0, 66.3, 66.3, 0.0);
(730554.7, 4054153.8, 66.2, 66.2, 0.0);	(730554.7, 4054252.2, 66.1, 66.1, 0.0);
(730554.7, 4054351.0, 66.0, 66.0, 0.0);	(730554.7, 4054449.5, 65.9, 65.9, 0.0);
(730554.7, 4054548.2, 65.8, 65.8, 0.0);	(730554.7, 4054646.8, 65.7, 65.7, 0.0);
(730554.7, 4054745.5, 65.8, 65.8, 0.0);	(730554.7, 4054844.0, 65.8, 65.8, 0.0);
(730554.7, 4054942.5, 65.8, 65.8, 0.0);	(730554.7, 4055041.2, 65.8, 65.8, 0.0);
(730554.7, 4055139.8, 65.8, 65.8, 0.0);	(730554.7, 4055238.5, 65.9, 65.9, 0.0);
(730554.7, 4055337.0, 66.0, 66.0, 0.0);	(730554.7, 4055435.8, 66.1, 66.1, 0.0);
(730554.7, 4055534.2, 66.2, 66.2, 0.0);	(730554.7, 4055633.0, 66.3, 66.3, 0.0);
(730554.7, 4055731.5, 66.4, 66.4, 0.0);	(730471.4, 4052181.5, 70.9, 70.9, 0.0);
(730471.4, 4052280.0, 70.6, 70.6, 0.0);	(730471.4, 4052378.8, 70.3, 70.3, 0.0);
(730471.4, 4052477.2, 70.1, 70.1, 0.0);	(730471.4, 4052576.0, 69.8, 69.8, 0.0);
(730471.4, 4052674.5, 69.5, 69.5, 0.0);	(730471.4, 4052773.2, 69.2, 69.2, 0.0);
(730471.4, 4052871.8, 69.0, 69.0, 0.0);	(730471.4, 4052970.5, 68.8, 68.8, 0.0);
(730471.4, 4053069.0, 68.5, 68.5, 0.0);	(730471.4, 4053167.5, 68.3, 68.3, 0.0);
(730471.4, 4053266.2, 68.1, 68.1, 0.0);	(730471.4, 4053364.8, 67.9, 67.9, 0.0);
(730471.4, 4053463.5, 67.7, 67.7, 0.0);	(730471.4, 4053562.0, 67.5, 67.5, 0.0);
(730471.4, 4053660.8, 67.3, 67.3, 0.0);	(730471.4, 4053759.2, 67.1, 67.1, 0.0);
(730471.4, 4053858.0, 66.9, 66.9, 0.0);	(730471.4, 4053956.5, 66.7, 66.7, 0.0);
(730471.4, 4054055.0, 66.5, 66.5, 0.0);	(730471.4, 4054153.8, 66.3, 66.3, 0.0);
(730471.4, 4054252.2, 66.2, 66.2, 0.0);	(730471.4, 4054351.0, 66.1, 66.1, 0.0);
(730471.4, 4054449.5, 66.0, 66.0, 0.0);	(730471.4, 4054548.2, 65.9, 65.9, 0.0);
(730471.4, 4054646.8, 65.9, 65.9, 0.0);	(730471.4, 4054745.5, 66.0, 66.0, 0.0);
(730471.4, 4054844.0, 66.0, 66.0, 0.0);	(730471.4, 4054942.5, 66.1, 66.1, 0.0);
(730471.4, 4055041.2, 66.0, 66.0, 0.0);	(730471.4, 4055139.8, 66.1, 66.1, 0.0);
(730471.4, 4055238.5, 66.1, 66.1, 0.0);	(730471.4, 4055337.0, 66.2, 66.2, 0.0);
(730471.4, 4055435.8, 66.3, 66.3, 0.0);	(730471.4, 4055534.2, 66.4, 66.4, 0.0);

(730471.4, 4055633.0, 66.5, 66.5, 0.0);	(730471.4, 4055731.5, 66.6, 66.6, 0.0);
(730471.4, 4055981.5, 66.8, 66.8, 0.0);	(730471.4, 4056231.5, 67.0, 67.0, 0.0);
(730710.2, 4055981.5, 66.1, 66.1, 0.0);	(730710.2, 4056231.5, 66.3, 66.3, 0.0);
(730949.1, 4055981.5, 65.5, 65.5, 0.0);	(730949.1, 4056231.5, 65.7, 65.7, 0.0);
(731188.1, 4055981.5, 64.9, 64.9, 0.0);	(731188.1, 4056231.5, 65.2, 65.2, 0.0);
(731426.9, 4055981.5, 64.4, 64.4, 0.0);	(731426.9, 4056231.5, 64.7, 64.7, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731665.8, 4055981.5, 64.0, 64.0, 0.0);	(731665.8, 4056231.5, 64.2, 64.2, 0.0);
(731904.7, 4055981.5, 63.5, 63.5, 0.0);	(731904.7, 4056231.5, 63.7, 63.7, 0.0);
(732143.6, 4055981.5, 63.1, 63.1, 0.0);	(732143.6, 4056231.5, 63.3, 63.3, 0.0);
(732382.5, 4055981.5, 62.6, 62.6, 0.0);	(732382.5, 4056231.5, 62.8, 62.8, 0.0);
(732621.4, 4055981.5, 62.1, 62.1, 0.0);	(732621.4, 4056231.5, 62.2, 62.2, 0.0);
(732860.2, 4055981.5, 61.7, 61.7, 0.0);	(732860.2, 4056231.5, 61.7, 61.7, 0.0);
(733099.1, 4055981.5, 61.1, 61.1, 0.0);	(733099.1, 4056231.5, 61.1, 61.1, 0.0);
(733338.1, 4055981.5, 60.5, 60.5, 0.0);	(733338.1, 4056231.5, 60.5, 60.5, 0.0);
(733576.9, 4055981.5, 60.1, 60.1, 0.0);	(733576.9, 4056231.5, 60.1, 60.1, 0.0);
(733815.8, 4055981.5, 59.7, 59.7, 0.0);	(733815.8, 4056231.5, 59.7, 59.7, 0.0);
(734054.7, 4055981.5, 59.3, 59.3, 0.0);	(734054.7, 4056231.5, 59.2, 59.2, 0.0);
(734293.6, 4055981.5, 58.8, 58.8, 0.0);	(734293.6, 4056231.5, 58.8, 58.8, 0.0);
(734532.5, 4055981.5, 58.4, 58.4, 0.0);	(734532.5, 4056231.5, 58.3, 58.3, 0.0);
(734771.4, 4055981.5, 57.9, 57.9, 0.0);	(734771.4, 4056231.5, 57.8, 57.8, 0.0);
(734521.4, 4055731.5, 58.4, 58.4, 0.0);	(734521.4, 4055492.5, 58.5, 58.5, 0.0);
(734521.4, 4055253.8, 58.6, 58.6, 0.0);	(734521.4, 4055014.8, 58.8, 58.8, 0.0);
(734521.4, 4054776.0, 58.9, 58.9, 0.0);	(734521.4, 4054537.0, 59.1, 59.1, 0.0);
(734521.4, 4054298.2, 59.4, 59.4, 0.0);	(734521.4, 4054059.2, 59.6, 59.6, 0.0);
(734521.4, 4053820.5, 59.9, 59.9, 0.0);	(734521.4, 4053581.5, 60.1, 60.1, 0.0);
(734521.4, 4053342.5, 60.5, 60.5, 0.0);	(734521.4, 4053103.8, 60.9, 60.9, 0.0);
(734521.4, 4052864.8, 61.4, 61.4, 0.0);	(734521.4, 4052626.0, 62.0, 62.0, 0.0);
(734521.4, 4052387.0, 62.6, 62.6, 0.0);	(734521.4, 4052148.2, 63.2, 63.2, 0.0);
(734521.4, 4051909.2, 63.9, 63.9, 0.0);	(734521.4, 4051670.5, 64.6, 64.6, 0.0);
(734521.4, 4051431.5, 65.4, 65.4, 0.0);	(734771.4, 4055731.5, 58.0, 58.0, 0.0);
(734771.4, 4055492.5, 58.1, 58.1, 0.0);	(734771.4, 4055253.8, 58.3, 58.3, 0.0);
(734771.4, 4055014.8, 58.4, 58.4, 0.0);	(734771.4, 4054776.0, 58.5, 58.5, 0.0);
(734771.4, 4054537.0, 58.7, 58.7, 0.0);	(734771.4, 4054298.2, 59.0, 59.0, 0.0);
(734771.4, 4054059.2, 59.3, 59.3, 0.0);	(734771.4, 4053820.5, 59.5, 59.5, 0.0);
(734771.4, 4053581.5, 59.8, 59.8, 0.0);	(734771.4, 4053342.5, 60.1, 60.1, 0.0);
(734771.4, 4053103.8, 60.6, 60.6, 0.0);	(734771.4, 4052864.8, 61.1, 61.1, 0.0);
(734771.4, 4052626.0, 61.6, 61.6, 0.0);	(734771.4, 4052387.0, 62.2, 62.2, 0.0);
(734771.4, 4052148.2, 62.8, 62.8, 0.0);	(734771.4, 4051909.2, 63.4, 63.4, 0.0);
(734771.4, 4051670.5, 64.2, 64.2, 0.0);	(734771.4, 4051431.5, 65.0, 65.0, 0.0);
(734271.4, 4051681.5, 65.0, 65.0, 0.0);	(734271.4, 4051431.5, 65.9, 65.9, 0.0);
(734032.5, 4051681.5, 65.5, 65.5, 0.0);	(734032.5, 4051431.5, 66.5, 66.5, 0.0);
(733793.6, 4051681.5, 66.1, 66.1, 0.0);	(733793.6, 4051431.5, 67.0, 67.0, 0.0);
(733554.7, 4051681.5, 66.6, 66.6, 0.0);	(733554.7, 4051431.5, 67.5, 67.5, 0.0);
(733315.8, 4051681.5, 67.3, 67.3, 0.0);	(733315.8, 4051431.5, 68.4, 68.4, 0.0);
(733076.9, 4051681.5, 68.2, 68.2, 0.0);	(733076.9, 4051431.5, 69.5, 69.5, 0.0);
(732838.1, 4051681.5, 69.5, 69.5, 0.0);	(732838.1, 4051431.5, 70.5, 70.5, 0.0);
(732599.1, 4051681.5, 70.3, 70.3, 0.0);	(732599.1, 4051431.5, 71.5, 71.5, 0.0);
(732360.2, 4051681.5, 71.1, 71.1, 0.0);	(732360.2, 4051431.5, 72.5, 72.5, 0.0);
(732121.4, 4051681.5, 72.0, 72.0, 0.0);	(732121.4, 4051431.5, 73.1, 73.1, 0.0);
(731882.5, 4051681.5, 72.5, 72.5, 0.0);	(731882.5, 4051431.5, 73.6, 73.6, 0.0);
(731643.6, 4051681.5, 72.7, 72.7, 0.0);	(731643.6, 4051431.5, 73.9, 73.9, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731404.7, 4051681.5, 72.7, 72.7, 0.0);	(731404.7, 4051431.5, 74.0, 74.0, 0.0);
(731165.8, 4051681.5, 72.5, 72.5, 0.0);	(731165.8, 4051431.5, 74.0, 74.0, 0.0);
(730926.9, 4051681.5, 72.9, 72.9, 0.0);	(730926.9, 4051431.5, 74.1, 74.1, 0.0);
(730688.1, 4051681.5, 73.0, 73.0, 0.0);	(730688.1, 4051431.5, 74.2, 74.2, 0.0);
(730449.1, 4051681.5, 72.8, 72.8, 0.0);	(730449.1, 4051431.5, 74.2, 74.2, 0.0);
(730210.2, 4051681.5, 73.1, 73.1, 0.0);	(730210.2, 4051431.5, 74.3, 74.3, 0.0);
(729971.4, 4051681.5, 73.3, 73.3, 0.0);	(729971.4, 4051431.5, 74.4, 74.4, 0.0);
(730221.4, 4051931.5, 72.2, 72.2, 0.0);	(730221.4, 4052170.5, 71.2, 71.2, 0.0);
(730221.4, 4052409.2, 70.5, 70.5, 0.0);	(730221.4, 4052648.2, 69.9, 69.9, 0.0);
(730221.4, 4052887.0, 69.3, 69.3, 0.0);	(730221.4, 4053126.0, 68.8, 68.8, 0.0);
(730221.4, 4053364.8, 68.3, 68.3, 0.0);	(730221.4, 4053603.8, 67.9, 67.9, 0.0);
(730221.4, 4053842.5, 67.4, 67.4, 0.0);	(730221.4, 4054081.5, 67.0, 67.0, 0.0);
(730221.4, 4054320.5, 66.7, 66.7, 0.0);	(730221.4, 4054559.2, 66.3, 66.3, 0.0);
(730221.4, 4054798.2, 66.4, 66.4, 0.0);	(730221.4, 4055037.0, 66.6, 66.6, 0.0);
(730221.4, 4055276.0, 66.7, 66.7, 0.0);	(730221.4, 4055514.8, 67.1, 67.1, 0.0);
(730221.4, 4055753.8, 67.4, 67.4, 0.0);	(730221.4, 4055992.5, 67.6, 67.6, 0.0);
(730221.4, 4056231.5, 67.8, 67.8, 0.0);	(729971.4, 4051931.5, 72.3, 72.3, 0.0);
(729971.4, 4052170.5, 71.5, 71.5, 0.0);	(729971.4, 4052409.2, 70.8, 70.8, 0.0);
(729971.4, 4052648.2, 70.2, 70.2, 0.0);	(729971.4, 4052887.0, 69.7, 69.7, 0.0);
(729971.4, 4053126.0, 69.2, 69.2, 0.0);	(729971.4, 4053364.8, 68.8, 68.8, 0.0);
(729971.4, 4053603.8, 68.4, 68.4, 0.0);	(729971.4, 4053842.5, 67.9, 67.9, 0.0);
(729971.4, 4054081.5, 67.6, 67.6, 0.0);	(729971.4, 4054320.5, 67.3, 67.3, 0.0);
(729971.4, 4054559.2, 67.2, 67.2, 0.0);	(729971.4, 4054798.2, 67.2, 67.2, 0.0);
(729971.4, 4055037.0, 67.5, 67.5, 0.0);	(729971.4, 4055276.0, 67.7, 67.7, 0.0);
(729971.4, 4055514.8, 68.0, 68.0, 0.0);	(729971.4, 4055753.8, 68.2, 68.2, 0.0);
(729971.4, 4055992.5, 68.4, 68.4, 0.0);	(729971.4, 4056231.5, 68.7, 68.7, 0.0);
(729971.4, 4056731.5, 69.0, 69.0, 0.0);	(729971.4, 4057231.5, 69.5, 69.5, 0.0);
(730454.7, 4056731.5, 67.6, 67.6, 0.0);	(730454.7, 4057231.5, 67.9, 67.9, 0.0);
(730938.1, 4056731.5, 66.1, 66.1, 0.0);	(730938.1, 4057231.5, 66.3, 66.3, 0.0);
(731421.4, 4056731.5, 65.0, 65.0, 0.0);	(731421.4, 4057231.5, 65.3, 65.3, 0.0);
(731904.7, 4056731.5, 63.8, 63.8, 0.0);	(731904.7, 4057231.5, 63.8, 63.8, 0.0);
(732388.1, 4056731.5, 63.0, 63.0, 0.0);	(732388.1, 4057231.5, 63.2, 63.2, 0.0);
(732871.4, 4056731.5, 61.7, 61.7, 0.0);	(732871.4, 4057231.5, 61.8, 61.8, 0.0);
(733354.7, 4056731.5, 60.6, 60.6, 0.0);	(733354.7, 4057231.5, 60.4, 60.4, 0.0);
(733838.1, 4056731.5, 59.6, 59.6, 0.0);	(733838.1, 4057231.5, 59.5, 59.5, 0.0);
(734321.4, 4056731.5, 58.9, 58.9, 0.0);	(734321.4, 4057231.5, 58.6, 58.6, 0.0);
(734804.7, 4056731.5, 57.8, 57.8, 0.0);	(734804.7, 4057231.5, 57.7, 57.7, 0.0);
(735288.1, 4056731.5, 56.6, 56.6, 0.0);	(735288.1, 4057231.5, 56.9, 56.9, 0.0);
(735771.4, 4056731.5, 55.5, 55.5, 0.0);	(735771.4, 4057231.5, 56.0, 56.0, 0.0);
(735271.4, 4056231.5, 56.8, 56.8, 0.0);	(735271.4, 4055748.2, 57.2, 57.2, 0.0);
(735271.4, 4055264.8, 57.6, 57.6, 0.0);	(735271.4, 4054781.5, 58.0, 58.0, 0.0);
(735271.4, 4054298.2, 58.4, 58.4, 0.0);	(735271.4, 4053814.8, 58.7, 58.7, 0.0);
(735271.4, 4053331.5, 59.5, 59.5, 0.0);	(735271.4, 4052848.2, 60.5, 60.5, 0.0);
(735271.4, 4052364.8, 61.6, 61.6, 0.0);	(735271.4, 4051881.5, 63.0, 63.0, 0.0);
(735271.4, 4051398.2, 64.5, 64.5, 0.0);	(735271.4, 4050914.8, 66.2, 66.2, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(735271.4, 4050431.5, 68.8, 68.8, 0.0);	(735771.4, 4056231.5, 55.6, 55.6, 0.0);
(735771.4, 4055748.2, 56.3, 56.3, 0.0);	(735771.4, 4055264.8, 57.0, 57.0, 0.0);
(735771.4, 4054781.5, 57.4, 57.4, 0.0);	(735771.4, 4054298.2, 57.7, 57.7, 0.0);
(735771.4, 4053814.8, 58.1, 58.1, 0.0);	(735771.4, 4053331.5, 58.9, 58.9, 0.0);
(735771.4, 4052848.2, 59.8, 59.8, 0.0);	(735771.4, 4052364.8, 61.0, 61.0, 0.0);
(735771.4, 4051881.5, 62.3, 62.3, 0.0);	(735771.4, 4051398.2, 63.8, 63.8, 0.0);
(735771.4, 4050914.8, 65.6, 65.6, 0.0);	(735771.4, 4050431.5, 67.7, 67.7, 0.0);
(734771.4, 4050931.5, 67.0, 67.0, 0.0);	(734771.4, 4050431.5, 69.5, 69.5, 0.0);
(734288.1, 4050931.5, 67.8, 67.8, 0.0);	(734288.1, 4050431.5, 70.9, 70.9, 0.0);
(733804.7, 4050931.5, 69.0, 69.0, 0.0);	(733804.7, 4050431.5, 72.2, 72.2, 0.0);
(733321.4, 4050931.5, 71.0, 71.0, 0.0);	(733321.4, 4050431.5, 73.8, 73.8, 0.0);
(732838.1, 4050931.5, 73.2, 73.2, 0.0);	(732838.1, 4050431.5, 75.6, 75.6, 0.0);
(732354.7, 4050931.5, 74.6, 74.6, 0.0);	(732354.7, 4050431.5, 77.4, 77.4, 0.0);
(731871.4, 4050931.5, 76.0, 76.0, 0.0);	(731871.4, 4050431.5, 78.6, 78.6, 0.0);
(731388.1, 4050931.5, 76.8, 76.8, 0.0);	(731388.1, 4050431.5, 80.0, 80.0, 0.0);
(730904.7, 4050931.5, 77.3, 77.3, 0.0);	(730904.7, 4050431.5, 80.8, 80.8, 0.0);
(730421.4, 4050931.5, 76.9, 76.9, 0.0);	(730421.4, 4050431.5, 80.1, 80.1, 0.0);
(729938.1, 4050931.5, 77.3, 77.3, 0.0);	(729938.1, 4050431.5, 80.4, 80.4, 0.0);
(729454.7, 4050931.5, 77.3, 77.3, 0.0);	(729454.7, 4050431.5, 80.8, 80.8, 0.0);
(728971.4, 4050931.5, 78.3, 78.3, 0.0);	(728971.4, 4050431.5, 81.8, 81.8, 0.0);
(729471.4, 4051431.5, 74.9, 74.9, 0.0);	(729471.4, 4051914.8, 73.0, 73.0, 0.0);
(729471.4, 4052398.2, 71.8, 71.8, 0.0);	(729471.4, 4052881.5, 70.8, 70.8, 0.0);
(729471.4, 4053364.8, 69.9, 69.9, 0.0);	(729471.4, 4053848.2, 69.2, 69.2, 0.0);
(729471.4, 4054331.5, 68.8, 68.8, 0.0);	(729471.4, 4054814.8, 69.0, 69.0, 0.0);
(729471.4, 4055298.2, 69.5, 69.5, 0.0);	(729471.4, 4055781.5, 69.8, 69.8, 0.0);
(729471.4, 4056264.8, 70.2, 70.2, 0.0);	(729471.4, 4056748.2, 70.5, 70.5, 0.0);
(729471.4, 4057231.5, 70.9, 70.9, 0.0);	(728971.4, 4051431.5, 76.3, 76.3, 0.0);
(728971.4, 4051914.8, 74.8, 74.8, 0.0);	(728971.4, 4052398.2, 73.4, 73.4, 0.0);
(728971.4, 4052881.5, 72.4, 72.4, 0.0);	(728971.4, 4053364.8, 71.8, 71.8, 0.0);
(728971.4, 4053848.2, 71.1, 71.1, 0.0);	(728971.4, 4054331.5, 70.6, 70.6, 0.0);
(728971.4, 4054814.8, 70.6, 70.6, 0.0);	(728971.4, 4055298.2, 71.0, 71.0, 0.0);
(728971.4, 4055781.5, 71.4, 71.4, 0.0);	(728971.4, 4056264.8, 71.7, 71.7, 0.0);
(728971.4, 4056748.2, 72.2, 72.2, 0.0);	(728971.4, 4057231.5, 73.0, 73.0, 0.0);
(731642.4, 4052755.4, 67.1, 67.1, 0.0);	(731665.9, 4052756.4, 67.1, 67.1, 0.0);
(731689.3, 4052757.3, 67.0, 67.0, 0.0);	(731712.7, 4052758.3, 67.0, 67.0, 0.0);
(731736.2, 4052759.3, 66.9, 66.9, 0.0);	(731759.6, 4052760.3, 66.8, 66.8, 0.0);
(731783.1, 4052761.2, 66.8, 66.8, 0.0);	(731961.1, 4052429.3, 67.9, 67.9, 0.0);
(731937.5, 4052428.3, 67.9, 67.9, 0.0);	(731913.9, 4052427.3, 67.9, 67.9, 0.0);
(731890.3, 4052426.3, 67.9, 67.9, 0.0);	(731866.7, 4052425.4, 67.9, 67.9, 0.0);
(731843.2, 4052424.4, 67.9, 67.9, 0.0);	(731819.6, 4052423.4, 67.9, 67.9, 0.0);
(731642.4, 4052755.4, 67.1, 67.1, 0.0);	(731665.9, 4052756.4, 67.1, 67.1, 0.0);
(731689.3, 4052757.3, 67.0, 67.0, 0.0);	(731712.7, 4052758.3, 67.0, 67.0, 0.0);
(731736.2, 4052759.3, 66.9, 66.9, 0.0);	(731759.6, 4052760.3, 66.8, 66.8, 0.0);
(731783.1, 4052761.2, 66.8, 66.8, 0.0);	(731961.1, 4052429.3, 67.9, 67.9, 0.0);
(731937.5, 4052428.3, 67.9, 67.9, 0.0);	(731913.9, 4052427.3, 67.9, 67.9, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731890.3, 4052426.3, 67.9, 67.9, 0.0);	(731866.7, 4052425.4, 67.9, 67.9, 0.0);
(731843.2, 4052424.4, 67.9, 67.9, 0.0);	(731819.6, 4052423.4, 67.9, 67.9, 0.0);
(731186.9, 4054769.3, 64.7, 64.7, 0.0);	(731900.3, 4054798.9, 62.9, 62.9, 0.0);
(731929.7, 4054094.7, 63.2, 63.2, 0.0);	(731216.1, 4054065.5, 64.9, 64.9, 0.0);
(731211.5, 4054770.4, 64.6, 64.6, 0.0);	(731236.1, 4054771.4, 64.6, 64.6, 0.0);
(731260.7, 4054772.4, 64.5, 64.5, 0.0);	(731285.3, 4054773.4, 64.4, 64.4, 0.0);
(731309.9, 4054774.4, 64.2, 64.2, 0.0);	(731334.5, 4054775.4, 64.2, 64.2, 0.0);
(731359.1, 4054776.5, 64.1, 64.1, 0.0);	(731383.7, 4054777.5, 64.0, 64.0, 0.0);
(731408.3, 4054778.5, 63.8, 63.8, 0.0);	(731432.9, 4054779.5, 63.8, 63.8, 0.0);
(731457.5, 4054780.5, 63.6, 63.6, 0.0);	(731482.1, 4054781.6, 63.6, 63.6, 0.0);
(731506.7, 4054782.6, 63.5, 63.5, 0.0);	(731531.3, 4054783.6, 63.5, 63.5, 0.0);
(731555.9, 4054784.6, 63.4, 63.4, 0.0);	(731580.5, 4054785.6, 63.3, 63.3, 0.0);
(731605.1, 4054786.7, 63.3, 63.3, 0.0);	(731629.7, 4054787.7, 63.2, 63.2, 0.0);
(731654.3, 4054788.7, 63.2, 63.2, 0.0);	(731678.9, 4054789.7, 63.2, 63.2, 0.0);
(731703.5, 4054790.7, 63.1, 63.1, 0.0);	(731728.1, 4054791.8, 63.1, 63.1, 0.0);
(731752.7, 4054792.8, 63.1, 63.1, 0.0);	(731777.3, 4054793.8, 63.1, 63.1, 0.0);
(731801.9, 4054794.8, 63.0, 63.0, 0.0);	(731826.5, 4054795.8, 63.0, 63.0, 0.0);
(731851.1, 4054796.8, 63.0, 63.0, 0.0);	(731875.7, 4054797.9, 62.9, 62.9, 0.0);
(731901.3, 4054774.6, 62.9, 62.9, 0.0);	(731902.3, 4054750.3, 62.9, 62.9, 0.0);
(731903.3, 4054726.0, 62.9, 62.9, 0.0);	(731904.4, 4054701.8, 62.9, 62.9, 0.0);
(731905.4, 4054677.5, 62.9, 62.9, 0.0);	(731906.4, 4054653.2, 62.9, 62.9, 0.0);
(731907.4, 4054628.9, 62.9, 62.9, 0.0);	(731908.4, 4054604.6, 62.9, 62.9, 0.0);
(731909.4, 4054580.3, 63.0, 63.0, 0.0);	(731910.4, 4054556.0, 63.0, 63.0, 0.0);
(731911.5, 4054531.8, 63.0, 63.0, 0.0);	(731912.5, 4054507.5, 63.0, 63.0, 0.0);
(731913.5, 4054483.2, 63.0, 63.0, 0.0);	(731914.5, 4054458.9, 63.0, 63.0, 0.0);
(731915.5, 4054434.6, 63.0, 63.0, 0.0);	(731916.5, 4054410.3, 63.0, 63.0, 0.0);
(731917.6, 4054386.1, 63.0, 63.0, 0.0);	(731918.6, 4054361.8, 63.1, 63.1, 0.0);
(731919.6, 4054337.5, 63.1, 63.1, 0.0);	(731920.6, 4054313.2, 63.1, 63.1, 0.0);
(731921.6, 4054288.9, 63.1, 63.1, 0.0);	(731922.6, 4054264.6, 63.1, 63.1, 0.0);
(731923.6, 4054240.4, 63.1, 63.1, 0.0);	(731924.7, 4054216.1, 63.2, 63.2, 0.0);
(731925.7, 4054191.8, 63.2, 63.2, 0.0);	(731926.7, 4054167.5, 63.2, 63.2, 0.0);
(731927.7, 4054143.2, 63.2, 63.2, 0.0);	(731928.7, 4054118.9, 63.2, 63.2, 0.0);
(731905.1, 4054093.6, 63.3, 63.3, 0.0);	(731880.5, 4054092.6, 63.4, 63.4, 0.0);
(731855.9, 4054091.6, 63.5, 63.5, 0.0);	(731831.3, 4054090.6, 63.7, 63.7, 0.0);
(731806.7, 4054089.6, 63.8, 63.8, 0.0);	(731782.1, 4054088.6, 64.0, 64.0, 0.0);
(731757.5, 4054087.6, 64.1, 64.1, 0.0);	(731732.9, 4054086.6, 64.2, 64.2, 0.0);
(731708.2, 4054085.6, 64.3, 64.3, 0.0);	(731683.6, 4054084.6, 64.4, 64.4, 0.0);
(731659.0, 4054083.6, 64.5, 64.5, 0.0);	(731634.4, 4054082.6, 64.5, 64.5, 0.0);
(731609.8, 4054081.6, 64.5, 64.5, 0.0);	(731585.2, 4054080.6, 64.5, 64.5, 0.0);
(731560.6, 4054079.6, 64.5, 64.5, 0.0);	(731536.0, 4054078.6, 64.6, 64.6, 0.0);
(731511.4, 4054077.6, 64.6, 64.6, 0.0);	(731486.8, 4054076.5, 64.6, 64.6, 0.0);
(731462.2, 4054075.5, 64.5, 64.5, 0.0);	(731437.6, 4054074.5, 64.5, 64.5, 0.0);
(731413.0, 4054073.5, 64.6, 64.6, 0.0);	(731388.4, 4054072.5, 64.6, 64.6, 0.0);
(731363.8, 4054071.5, 64.6, 64.6, 0.0);	(731339.1, 4054070.5, 64.7, 64.7, 0.0);
(731314.5, 4054069.5, 64.7, 64.7, 0.0);	(731289.9, 4054068.5, 64.8, 64.8, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731265.3, 4054067.5, 64.8, 64.8, 0.0); (731240.7, 4054066.5, 64.9, 64.9, 0.0);
(731215.1, 4054089.8, 64.9, 64.9, 0.0); (731214.1, 4054114.0, 64.9, 64.9, 0.0);
(731213.1, 4054138.3, 64.9, 64.9, 0.0); (731212.1, 4054162.6, 64.9, 64.9, 0.0);
(731211.1, 4054186.8, 64.8, 64.8, 0.0); (731210.1, 4054211.1, 64.8, 64.8, 0.0);
(731209.1, 4054235.4, 64.8, 64.8, 0.0); (731208.0, 4054259.7, 64.8, 64.8, 0.0);
(731207.0, 4054283.9, 64.7, 64.7, 0.0); (731206.0, 4054308.2, 64.7, 64.7, 0.0);
(731205.0, 4054332.5, 64.7, 64.7, 0.0); (731204.0, 4054356.7, 64.7, 64.7, 0.0);
(731203.0, 4054381.0, 64.7, 64.7, 0.0); (731202.0, 4054405.3, 64.7, 64.7, 0.0);
(731201.0, 4054429.5, 64.7, 64.7, 0.0); (731200.0, 4054453.8, 64.7, 64.7, 0.0);
(731199.0, 4054478.1, 64.7, 64.7, 0.0); (731198.0, 4054502.4, 64.7, 64.7, 0.0);
(731197.0, 4054526.6, 64.7, 64.7, 0.0); (731196.0, 4054550.9, 64.7, 64.7, 0.0);
(731195.0, 4054575.2, 64.7, 64.7, 0.0); (731194.0, 4054599.4, 64.7, 64.7, 0.0);
(731192.9, 4054623.7, 64.7, 64.7, 0.0); (731191.9, 4054648.0, 64.7, 64.7, 0.0);
(731190.9, 4054672.3, 64.7, 64.7, 0.0); (731189.9, 4054696.5, 64.7, 64.7, 0.0);
(731188.9, 4054720.8, 64.7, 64.7, 0.0); (731187.9, 4054745.1, 64.7, 64.7, 0.0);
(731943.7, 4055189.3, 62.9, 62.9, 0.0); (733338.6, 4055256.6, 60.6, 60.6, 0.0);
(733353.2, 4055248.3, 60.6, 60.6, 0.0); (733468.4, 4055248.7, 60.3, 60.3, 0.0);
(733489.8, 4055033.3, 60.5, 60.5, 0.0); (733500.4, 4054801.9, 60.6, 60.6, 0.0);
(733510.2, 4054233.6, 61.0, 61.0, 0.0); (733496.8, 4054123.8, 61.1, 61.1, 0.0);
(732005.0, 4054061.7, 63.2, 63.2, 0.0); (731983.7, 4054169.3, 63.1, 63.1, 0.0);
(731948.0, 4054949.2, 62.8, 62.8, 0.0); (731968.6, 4055190.5, 62.9, 62.9, 0.0);
(731993.5, 4055191.7, 62.8, 62.8, 0.0); (732018.4, 4055192.9, 62.8, 62.8, 0.0);
(732043.3, 4055194.1, 62.7, 62.7, 0.0); (732068.2, 4055195.3, 62.7, 62.7, 0.0);
(732093.1, 4055196.5, 62.7, 62.7, 0.0); (732118.1, 4055197.8, 62.6, 62.6, 0.0);
(732143.0, 4055198.9, 62.6, 62.6, 0.0); (732167.9, 4055200.1, 62.5, 62.5, 0.0);
(732192.8, 4055201.3, 62.5, 62.5, 0.0); (732217.7, 4055202.5, 62.4, 62.4, 0.0);
(732242.6, 4055203.8, 62.4, 62.4, 0.0); (732267.5, 4055204.9, 62.3, 62.3, 0.0);
(732292.4, 4055206.1, 62.3, 62.3, 0.0); (732317.3, 4055207.3, 62.2, 62.2, 0.0);
(732342.2, 4055208.5, 62.2, 62.2, 0.0); (732367.1, 4055209.8, 62.2, 62.2, 0.0);
(732392.0, 4055210.9, 62.1, 62.1, 0.0); (732417.0, 4055212.1, 62.1, 62.1, 0.0);
(732441.9, 4055213.3, 62.0, 62.0, 0.0); (732466.8, 4055214.6, 62.0, 62.0, 0.0);
(732491.7, 4055215.8, 61.9, 61.9, 0.0); (732516.6, 4055217.0, 61.9, 61.9, 0.0);
(732541.5, 4055218.2, 61.8, 61.8, 0.0); (732566.4, 4055219.4, 61.8, 61.8, 0.0);
(732591.3, 4055220.6, 61.7, 61.7, 0.0); (732616.2, 4055221.8, 61.7, 61.7, 0.0);
(732641.1, 4055223.0, 61.7, 61.7, 0.0); (732666.0, 4055224.2, 61.6, 61.6, 0.0);
(732691.0, 4055225.4, 61.6, 61.6, 0.0); (732715.9, 4055226.6, 61.6, 61.6, 0.0);
(732740.8, 4055227.8, 61.5, 61.5, 0.0); (732765.7, 4055229.0, 61.5, 61.5, 0.0);
(732790.6, 4055230.2, 61.5, 61.5, 0.0); (732815.5, 4055231.4, 61.4, 61.4, 0.0);
(732840.4, 4055232.6, 61.4, 61.4, 0.0); (732865.3, 4055233.8, 61.4, 61.4, 0.0);
(732890.2, 4055235.0, 61.3, 61.3, 0.0); (732915.1, 4055236.2, 61.3, 61.3, 0.0);
(732940.0, 4055237.4, 61.2, 61.2, 0.0); (732964.9, 4055238.6, 61.2, 61.2, 0.0);
(732989.9, 4055239.8, 61.2, 61.2, 0.0); (733014.8, 4055241.0, 61.1, 61.1, 0.0);
(733039.7, 4055242.2, 61.1, 61.1, 0.0); (733064.6, 4055243.4, 61.1, 61.1, 0.0);
(733089.5, 4055244.6, 61.0, 61.0, 0.0); (733114.4, 4055245.8, 61.0, 61.0, 0.0);
(733139.3, 4055247.0, 60.9, 60.9, 0.0); (733164.2, 4055248.2, 60.9, 60.9, 0.0);

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733189.1, 4055249.4, 60.8, 60.8, 0.0); (733214.0, 4055250.6, 60.8, 60.8, 0.0);
(733238.9, 4055251.8, 60.8, 60.8, 0.0); (733263.8, 4055253.0, 60.7, 60.7, 0.0);
(733288.8, 4055254.2, 60.7, 60.7, 0.0); (733313.7, 4055255.4, 60.6, 60.6, 0.0);
(733376.3, 4055248.4, 60.5, 60.5, 0.0); (733399.3, 4055248.5, 60.5, 60.5, 0.0);
(733422.4, 4055248.5, 60.4, 60.4, 0.0); (733445.4, 4055248.6, 60.4, 60.4, 0.0);
(733470.8, 4055224.8, 60.4, 60.4, 0.0); (733473.2, 4055200.8, 60.4, 60.4, 0.0);
(733475.6, 4055176.9, 60.4, 60.4, 0.0); (733478.0, 4055153.0, 60.4, 60.4, 0.0);
(733480.3, 4055129.0, 60.4, 60.4, 0.0); (733482.7, 4055105.1, 60.5, 60.5, 0.0);
(733485.1, 4055081.2, 60.4, 60.4, 0.0); (733487.5, 4055057.2, 60.5, 60.5, 0.0);
(733490.9, 4055010.2, 60.5, 60.5, 0.0); (733491.9, 4054987.0, 60.5, 60.5, 0.0);
(733493.0, 4054963.9, 60.5, 60.5, 0.0); (733494.1, 4054940.7, 60.5, 60.5, 0.0);
(733495.1, 4054917.6, 60.5, 60.5, 0.0); (733496.2, 4054894.5, 60.5, 60.5, 0.0);
(733497.2, 4054871.3, 60.5, 60.5, 0.0); (733498.3, 4054848.2, 60.5, 60.5, 0.0);
(733499.3, 4054825.0, 60.6, 60.6, 0.0); (733500.8, 4054777.2, 60.6, 60.6, 0.0);
(733501.2, 4054752.5, 60.6, 60.6, 0.0); (733501.6, 4054727.8, 60.6, 60.6, 0.0);
(733502.1, 4054703.1, 60.6, 60.6, 0.0); (733502.5, 4054678.3, 60.6, 60.6, 0.0);
(733502.9, 4054653.6, 60.7, 60.7, 0.0); (733503.3, 4054628.9, 60.7, 60.7, 0.0);
(733503.8, 4054604.2, 60.7, 60.7, 0.0); (733504.2, 4054579.5, 60.7, 60.7, 0.0);
(733504.6, 4054554.8, 60.7, 60.7, 0.0); (733505.1, 4054530.1, 60.7, 60.7, 0.0);
(733505.5, 4054505.4, 60.8, 60.8, 0.0); (733505.9, 4054480.7, 60.8, 60.8, 0.0);
(733506.3, 4054456.0, 60.8, 60.8, 0.0); (733506.8, 4054431.3, 60.8, 60.8, 0.0);
(733507.2, 4054406.6, 60.8, 60.8, 0.0); (733507.6, 4054381.9, 60.8, 60.8, 0.0);
(733508.0, 4054357.2, 60.9, 60.9, 0.0); (733508.5, 4054332.5, 60.9, 60.9, 0.0);
(733508.9, 4054307.8, 60.9, 60.9, 0.0); (733509.3, 4054283.0, 60.9, 60.9, 0.0);
(733509.7, 4054258.3, 60.9, 60.9, 0.0); (733507.5, 4054211.7, 61.0, 61.0, 0.0);
(733504.8, 4054189.7, 61.0, 61.0, 0.0); (733502.1, 4054167.7, 61.1, 61.1, 0.0);
(733499.5, 4054145.8, 61.1, 61.1, 0.0); (733471.9, 4054122.8, 61.1, 61.1, 0.0);
(733447.0, 4054121.7, 61.2, 61.2, 0.0); (733422.2, 4054120.7, 61.2, 61.2, 0.0);
(733397.3, 4054119.6, 61.2, 61.2, 0.0); (733372.5, 4054118.6, 61.3, 61.3, 0.0);
(733347.6, 4054117.6, 61.3, 61.3, 0.0); (733322.7, 4054116.5, 61.3, 61.3, 0.0);
(733297.9, 4054115.5, 61.4, 61.4, 0.0); (733273.0, 4054114.5, 61.4, 61.4, 0.0);
(733248.1, 4054113.4, 61.4, 61.4, 0.0); (733223.3, 4054112.4, 61.5, 61.5, 0.0);
(733198.4, 4054111.4, 61.5, 61.5, 0.0); (733173.6, 4054110.3, 61.6, 61.6, 0.0);
(733148.7, 4054109.3, 61.6, 61.6, 0.0); (733123.8, 4054108.3, 61.6, 61.6, 0.0);
(733099.0, 4054107.2, 61.7, 61.7, 0.0); (733074.1, 4054106.2, 61.7, 61.7, 0.0);
(733049.2, 4054105.2, 61.7, 61.7, 0.0); (733024.4, 4054104.1, 61.8, 61.8, 0.0);
(732999.5, 4054103.1, 61.8, 61.8, 0.0); (732974.6, 4054102.0, 61.8, 61.8, 0.0);
(732949.8, 4054101.0, 61.9, 61.9, 0.0); (732924.9, 4054100.0, 61.9, 61.9, 0.0);
(732900.1, 4054098.9, 61.9, 61.9, 0.0); (732875.2, 4054097.9, 62.0, 62.0, 0.0);
(732850.3, 4054096.9, 62.0, 62.0, 0.0); (732825.5, 4054095.8, 62.1, 62.1, 0.0);
(732800.6, 4054094.8, 62.1, 62.1, 0.0); (732775.7, 4054093.8, 62.1, 62.1, 0.0);
(732750.9, 4054092.7, 62.2, 62.2, 0.0); (732726.0, 4054091.7, 62.2, 62.2, 0.0);
(732701.2, 4054090.7, 62.2, 62.2, 0.0); (732676.3, 4054089.6, 62.3, 62.3, 0.0);
(732651.4, 4054088.6, 62.3, 62.3, 0.0); (732626.6, 4054087.6, 62.3, 62.3, 0.0);
(732601.7, 4054086.5, 62.4, 62.4, 0.0); (732576.8, 4054085.5, 62.4, 62.4, 0.0);

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(732552.0, 4054084.5, 62.4, 62.4, 0.0); (732527.1, 4054083.4, 62.4, 62.4, 0.0);
(732502.2, 4054082.4, 62.5, 62.5, 0.0); (732477.4, 4054081.4, 62.5, 62.5, 0.0);
(732452.5, 4054080.3, 62.6, 62.6, 0.0); (732427.7, 4054079.3, 62.6, 62.6, 0.0);
(732402.8, 4054078.2, 62.6, 62.6, 0.0); (732377.9, 4054077.2, 62.7, 62.7, 0.0);

(732353.1, 4054076.2, 62.7, 62.7, 0.0);	(732328.2, 4054075.1, 62.7, 62.7, 0.0);
(732303.3, 4054074.1, 62.8, 62.8, 0.0);	(732278.5, 4054073.1, 62.8, 62.8, 0.0);
(732253.6, 4054072.0, 62.8, 62.8, 0.0);	(732228.8, 4054071.0, 62.9, 62.9, 0.0);
(732203.9, 4054070.0, 62.9, 62.9, 0.0);	(732179.0, 4054068.9, 62.9, 62.9, 0.0);
(732154.2, 4054067.9, 63.0, 63.0, 0.0);	(732129.3, 4054066.9, 63.0, 63.0, 0.0);
(732104.4, 4054065.8, 63.1, 63.1, 0.0);	(732079.6, 4054064.8, 63.1, 63.1, 0.0);
(732054.7, 4054063.8, 63.1, 63.1, 0.0);	(732029.8, 4054062.7, 63.2, 63.2, 0.0);
(732000.7, 4054083.2, 63.2, 63.2, 0.0);	(731996.5, 4054104.7, 63.2, 63.2, 0.0);
(731992.2, 4054126.3, 63.1, 63.1, 0.0);	(731988.0, 4054147.8, 63.1, 63.1, 0.0);
(731982.6, 4054193.7, 63.1, 63.1, 0.0);	(731981.5, 4054218.0, 63.1, 63.1, 0.0);
(731980.4, 4054242.4, 63.1, 63.1, 0.0);	(731979.3, 4054266.8, 63.0, 63.0, 0.0);
(731978.2, 4054291.2, 63.0, 63.0, 0.0);	(731977.0, 4054315.5, 63.0, 63.0, 0.0);
(731975.9, 4054339.9, 63.0, 63.0, 0.0);	(731974.8, 4054364.3, 63.0, 63.0, 0.0);
(731973.7, 4054388.6, 63.0, 63.0, 0.0);	(731972.6, 4054413.0, 63.0, 63.0, 0.0);
(731971.5, 4054437.4, 63.0, 63.0, 0.0);	(731970.4, 4054461.8, 62.9, 62.9, 0.0);
(731969.2, 4054486.1, 62.9, 62.9, 0.0);	(731968.1, 4054510.5, 62.9, 62.9, 0.0);
(731967.0, 4054534.9, 62.9, 62.9, 0.0);	(731965.9, 4054559.2, 62.9, 62.9, 0.0);
(731964.8, 4054583.6, 62.9, 62.9, 0.0);	(731963.7, 4054608.0, 62.9, 62.9, 0.0);
(731962.5, 4054632.3, 62.9, 62.9, 0.0);	(731961.4, 4054656.7, 62.9, 62.9, 0.0);
(731960.3, 4054681.1, 62.8, 62.8, 0.0);	(731959.2, 4054705.5, 62.8, 62.8, 0.0);
(731958.1, 4054729.8, 62.8, 62.8, 0.0);	(731957.0, 4054754.2, 62.8, 62.8, 0.0);
(731955.9, 4054778.6, 62.8, 62.8, 0.0);	(731954.7, 4054802.9, 62.8, 62.8, 0.0);
(731953.6, 4054827.3, 62.8, 62.8, 0.0);	(731952.5, 4054851.7, 62.8, 62.8, 0.0);
(731951.4, 4054876.1, 62.8, 62.8, 0.0);	(731950.3, 4054900.4, 62.8, 62.8, 0.0);
(731949.2, 4054924.8, 62.8, 62.8, 0.0);	(731947.6, 4054973.2, 62.8, 62.8, 0.0);
(731947.2, 4054997.2, 62.8, 62.8, 0.0);	(731946.7, 4055021.2, 62.8, 62.8, 0.0);
(731946.3, 4055045.2, 62.8, 62.8, 0.0);	(731945.9, 4055069.3, 62.9, 62.9, 0.0);
(731945.4, 4055093.3, 62.9, 62.9, 0.0);	(731945.0, 4055117.3, 62.9, 62.9, 0.0);
(731944.6, 4055141.3, 62.9, 62.9, 0.0);	(731944.1, 4055165.3, 62.9, 62.9, 0.0);
(731215.2, 4053954.5, 65.0, 65.0, 0.0);	(731932.9, 4053984.6, 65.0, 65.0, 0.0);
(731968.4, 4053126.0, 65.4, 65.4, 0.0);	(731771.3, 4053118.0, 65.8, 65.8, 0.0);
(731777.4, 4052972.1, 66.1, 66.1, 0.0);	(731957.2, 4052979.6, 65.9, 65.9, 0.0);
(731962.2, 4052851.8, 66.3, 66.3, 0.0);	(731262.4, 4052816.3, 67.7, 67.7, 0.0);
(731240.0, 4053955.6, 65.0, 65.0, 0.0);	(731264.7, 4053956.6, 65.0, 65.0, 0.0);
(731289.5, 4053957.7, 65.0, 65.0, 0.0);	(731314.2, 4053958.7, 64.9, 64.9, 0.0);
(731339.0, 4053959.7, 64.9, 64.9, 0.0);	(731363.7, 4053960.8, 64.9, 64.9, 0.0);
(731388.5, 4053961.8, 64.9, 64.9, 0.0);	(731413.2, 4053962.8, 64.9, 64.9, 0.0);
(731438.0, 4053963.9, 64.9, 64.9, 0.0);	(731462.7, 4053964.9, 64.9, 64.9, 0.0);
(731487.4, 4053965.9, 64.9, 64.9, 0.0);	(731512.2, 4053967.0, 64.9, 64.9, 0.0);
(731536.9, 4053968.0, 64.9, 64.9, 0.0);	(731561.7, 4053969.0, 64.9, 64.9, 0.0);
(731586.4, 4053970.1, 64.9, 64.9, 0.0);	(731611.2, 4053971.1, 64.9, 64.9, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731635.9, 4053972.1, 64.9, 64.9, 0.0);	(731660.7, 4053973.2, 64.9, 64.9, 0.0);
(731685.4, 4053974.2, 64.9, 64.9, 0.0);	(731710.2, 4053975.3, 64.9, 64.9, 0.0);
(731734.9, 4053976.3, 64.9, 64.9, 0.0);	(731759.6, 4053977.3, 64.9, 64.9, 0.0);
(731784.4, 4053978.4, 64.9, 64.9, 0.0);	(731809.1, 4053979.4, 64.9, 64.9, 0.0);
(731833.9, 4053980.4, 64.9, 64.9, 0.0);	(731858.6, 4053981.5, 64.9, 64.9, 0.0);
(731883.4, 4053982.5, 64.9, 64.9, 0.0);	(731908.1, 4053983.5, 64.9, 64.9, 0.0);
(731933.9, 4053984.0, 64.9, 64.9, 0.0);	(731934.9, 4053985.5, 64.9, 64.9, 0.0);
(731935.9, 4053911.0, 64.9, 64.9, 0.0);	(731936.9, 4053886.5, 64.9, 64.9, 0.0);
(731937.9, 4053861.9, 64.9, 64.9, 0.0);	(731939.0, 4053837.4, 64.9, 64.9, 0.0);
(731940.0, 4053812.9, 64.9, 64.9, 0.0);	(731941.0, 4053788.3, 64.9, 64.9, 0.0);
(731942.0, 4053763.8, 64.9, 64.9, 0.0);	(731943.0, 4053739.3, 64.9, 64.9, 0.0);
(731944.0, 4053714.7, 64.9, 64.9, 0.0);	(731945.1, 4053690.2, 64.9, 64.9, 0.0);
(731946.1, 4053665.7, 64.9, 64.9, 0.0);	(731947.1, 4053641.1, 64.9, 64.9, 0.0);
(731948.1, 4053616.6, 64.9, 64.9, 0.0);	(731949.1, 4053592.1, 64.9, 64.9, 0.0);
(731950.1, 4053567.6, 64.9, 64.9, 0.0);	(731951.2, 4053543.0, 64.9, 64.9, 0.0);
(731952.2, 4053518.5, 64.9, 64.9, 0.0);	(731953.2, 4053494.0, 64.9, 64.9, 0.0);
(731954.2, 4053469.4, 64.9, 64.9, 0.0);	(731955.2, 4053444.9, 64.9, 64.9, 0.0);
(731956.2, 4053420.4, 64.9, 64.9, 0.0);	(731957.2, 4053395.8, 64.9, 64.9, 0.0);
(731958.3, 4053371.3, 64.9, 64.9, 0.0);	(731959.3, 4053346.8, 64.9, 64.9, 0.0);
(731960.3, 4053322.2, 64.9, 64.9, 0.0);	(731961.3, 4053297.7, 65.0, 65.0, 0.0);
(731962.3, 4053273.2, 65.0, 65.0, 0.0);	(731963.3, 4053248.6, 65.1, 65.1, 0.0);
(731964.4, 4053224.1, 65.1, 65.1, 0.0);	(731965.4, 4053199.6, 65.2, 65.2, 0.0);
(731966.4, 4053175.1, 65.3, 65.3, 0.0);	(731967.4, 4053150.5, 65.3, 65.3, 0.0);
(731943.8, 4053125.0, 65.4, 65.4, 0.0);	(731919.2, 4053124.0, 65.5, 65.5, 0.0);
(731894.5, 4053123.0, 65.6, 65.6, 0.0);	(731869.9, 4053122.0, 65.6, 65.6, 0.0);
(731845.2, 4053121.0, 65.7, 65.7, 0.0);	(731820.6, 4053120.0, 65.7, 65.7, 0.0);
(731796.0, 4053119.0, 65.8, 65.8, 0.0);	(731772.3, 4053093.7, 65.9, 65.9, 0.0);
(731773.4, 4053069.3, 65.9, 65.9, 0.0);	(731774.4, 4053045.0, 66.0, 66.0, 0.0);
(731775.4, 4053020.7, 66.0, 66.0, 0.0);	(731776.4, 4052996.4, 66.1, 66.1, 0.0);
(731799.9, 4052973.1, 66.1, 66.1, 0.0);	(731822.4, 4052974.0, 66.0, 66.0, 0.0);
(731844.8, 4052974.9, 66.0, 66.0, 0.0);	(731867.3, 4052975.9, 66.0, 66.0, 0.0);
(731889.8, 4052976.8, 65.9, 65.9, 0.0);	(731912.2, 4052977.7, 65.9, 65.9, 0.0);
(731934.7, 4052978.7, 65.8, 65.8, 0.0);	(731958.0, 4052958.3, 65.9, 65.9, 0.0);
(731958.9, 4052937.0, 66.0, 66.0, 0.0);	(731959.7, 4052915.7, 66.1, 66.1, 0.0);
(731960.5, 4052894.4, 66.2, 66.2, 0.0);	(731961.4, 4052873.1, 66.3, 66.3, 0.0);
(731938.1, 4052850.6, 66.3, 66.3, 0.0);	(731914.0, 4052849.4, 66.2, 66.2, 0.0);
(731889.8, 4052848.2, 66.2, 66.2, 0.0);	(731865.7, 4052846.9, 66.3, 66.3, 0.0);
(731841.6, 4052845.7, 66.3, 66.3, 0.0);	(731817.4, 4052844.5, 66.4, 66.4, 0.0);
(731793.3, 4052843.3, 66.4, 66.4, 0.0);	(731769.2, 4052842.0, 66.5, 66.5, 0.0);
(731745.0, 4052840.8, 66.6, 66.6, 0.0);	(731720.9, 4052839.6, 66.6, 66.6, 0.0);
(731696.8, 4052838.4, 66.7, 66.7, 0.0);	(731672.6, 4052837.1, 66.8, 66.8, 0.0);
(731648.5, 4052835.9, 66.8, 66.8, 0.0);	(731624.4, 4052834.7, 66.9, 66.9, 0.0);
(731600.2, 4052833.5, 67.0, 67.0, 0.0);	(731576.1, 4052832.2, 67.0, 67.0, 0.0);
(731552.0, 4052831.0, 67.1, 67.1, 0.0);	(731527.8, 4052829.8, 67.1, 67.1, 0.0);
(731503.7, 4052828.6, 67.2, 67.2, 0.0);	(731479.6, 4052827.3, 67.2, 67.2, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731455.4, 4052826.1, 67.3, 67.3, 0.0);	(731431.3, 4052824.9, 67.4, 67.4, 0.0);
(731407.2, 4052823.7, 67.4, 67.4, 0.0);	(731383.0, 4052822.4, 67.5, 67.5, 0.0);
(731358.9, 4052821.2, 67.5, 67.5, 0.0);	(731334.8, 4052820.0, 67.6, 67.6, 0.0);
(731310.6, 4052818.8, 67.6, 67.6, 0.0);	(731286.5, 4052817.5, 67.7, 67.7, 0.0);
(731261.3, 4052841.1, 67.7, 67.7, 0.0);	(731260.3, 4052865.8, 67.6, 67.6, 0.0);
(731259.3, 4052890.5, 67.5, 67.5, 0.0);	(731258.3, 4052915.3, 67.4, 67.4, 0.0);
(731257.2, 4052940.0, 67.4, 67.4, 0.0);	(731256.2, 4052964.8, 67.3, 67.3, 0.0);
(731255.2, 4052989.5, 67.2, 67.2, 0.0);	(731254.2, 4053014.3, 67.1, 67.1, 0.0);
(731253.1, 4053039.0, 67.0, 67.0, 0.0);	(731252.1, 4053063.8, 67.0, 67.0, 0.0);
(731251.1, 4053088.5, 66.9, 66.9, 0.0);	(731250.1, 4053113.2, 66.8, 66.8, 0.0);
(731249.0, 4053138.0, 66.8, 66.8, 0.0);	(731248.0, 4053162.7, 66.7, 66.7, 0.0);

12 01 01	1 08	-14.4	0.160	-9.000	-9.000	-999.	154.	28.2	0.04	0.74	0.65	2.36	183.	10.0	270.4	2.0
12 01 01	1 09	6.0	0.142	0.150	0.012	20.	129.	-43.2	0.04	0.74	0.36	1.76	207.	10.0	272.5	2.0
12 01 01	1 10	47.0	-9.000	-9.000	-9.000	92.	-999.	-99999.0	0.04	0.74	0.26	0.00	0.	10.0	277.0	2.0
12 01 01	1 11	77.2	0.177	0.792	0.011	233.	178.	-6.5	0.05	0.74	0.22	1.76	144.	10.0	281.4	2.0
12 01 01	1 12	93.5	0.267	0.998	0.016	384.	331.	-18.4	0.06	0.74	0.21	2.86	166.	10.0	284.9	2.0
12 01 01	1 13	95.1	0.187	1.066	0.020	461.	196.	-6.2	0.06	0.74	0.21	1.76	163.	10.0	287.5	2.0
12 01 01	1 14	81.6	0.225	1.045	0.021	505.	257.	-12.7	0.04	0.74	0.22	2.57	115.	10.0	289.2	2.0
12 01 01	1 15	53.7	0.217	0.924	0.021	531.	243.	-17.2	0.04	0.74	0.25	2.61	89.	10.0	289.9	2.0
12 01 01	1 16	13.8	0.219	0.590	0.021	538.	245.	-68.3	0.04	0.74	0.34	2.89	76.	10.0	289.2	2.0
12 01 01	1 17	-8.3	0.125	-9.000	-9.000	-999.	110.	21.6	0.04	0.74	0.60	1.94	77.	10.0	285.9	2.0
12 01 01	1 18	-4.4	0.088	-9.000	-9.000	-999.	63.	13.8	0.04	0.74	1.00	1.33	202.	10.0	284.2	2.0
12 01 01	1 19	-18.3	0.181	-9.000	-9.000	-999.	184.	35.9	0.04	0.74	1.00	2.64	193.	10.0	280.4	2.0
12 01 01	1 20	-14.0	0.157	-9.000	-9.000	-999.	150.	27.2	0.04	0.74	1.00	2.32	203.	10.0	278.8	2.0
12 01 01	1 21	-19.2	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.74	1.00	2.72	215.	10.0	275.9	2.0
12 01 01	1 22	-27.1	0.263	-9.000	-9.000	-999.	324.	76.2	0.04	0.74	1.00	3.78	226.	10.0	275.9	2.0
12 01 01	1 23	-24.8	0.241	-9.000	-9.000	-999.	284.	63.7	0.04	0.74	1.00	3.47	221.	10.0	275.9	2.0
12 01 01	1 24	-12.8	0.150	-9.000	-9.000	-999.	142.	24.7	0.04	0.74	1.00	2.22	203.	10.0	276.4	2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
 12 01 01 01 10.0 1 235. 2.25 272.6 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730871.38	4052331.50	0.01342	730871.38	4052356.50	0.01368
730871.38	4052381.50	0.01394	730871.38	4052406.50	0.01419
730871.38	4052431.50	0.01444	730871.38	4052456.50	0.01468
730871.38	4052481.50	0.01490	730871.38	4052506.50	0.01513
730871.38	4052531.50	0.01534	730871.38	4052556.50	0.01556
730871.38	4052581.50	0.01577	730871.38	4052606.50	0.01598
730871.38	4052631.50	0.01620	730871.38	4052656.50	0.01642
730871.38	4052681.50	0.01665	730871.38	4052706.50	0.01689
730871.38	4052731.50	0.01714	730871.38	4052756.50	0.01739
730871.38	4052781.50	0.01765	730871.38	4052806.50	0.01790
730871.38	4052831.50	0.01815	730871.38	4052856.50	0.01839
730871.38	4052881.50	0.01861	730871.38	4052906.50	0.01882
730871.38	4052931.50	0.01902	730871.38	4052956.50	0.01921
730871.38	4052981.50	0.01939	730871.38	4053006.50	0.01972
730871.38	4053031.50	0.01991	730871.38	4053056.50	0.02009
730871.38	4053081.50	0.02028	730871.38	4053106.50	0.02047
730871.38	4053131.50	0.02067	730871.38	4053156.50	0.02088
730871.38	4053181.50	0.02110	730871.38	4053206.50	0.02132
730871.38	4053231.50	0.02156	730871.38	4053256.50	0.02181
730871.38	4053281.50	0.02206	730871.38	4053306.50	0.02232
730871.38	4053331.50	0.02259	730871.38	4053356.50	0.02287
730871.38	4053381.50	0.02314	730871.38	4053406.50	0.02342
730871.38	4053431.50	0.02369	730871.38	4053456.50	0.02396
730871.38	4053481.50	0.02422	730871.38	4053506.50	0.02447
730871.38	4053531.50	0.02472	730871.38	4053556.50	0.02496
730871.38	4053581.50	0.02519	730871.38	4053606.50	0.02540
730871.38	4053631.50	0.02561	730871.38	4053656.50	0.02579
730871.38	4053681.50	0.02597	730871.38	4053706.50	0.02612
730871.38	4053731.50	0.02627	730871.38	4053756.50	0.02639
730871.38	4053781.50	0.02649	730871.38	4053806.50	0.02658
730871.38	4053831.50	0.02665	730871.38	4053856.50	0.02670
730871.38	4053881.50	0.02672	730871.38	4053906.50	0.02672
730871.38	4053931.50	0.02670	730871.38	4053956.50	0.02665
730871.38	4053981.50	0.02658	730871.38	4054006.50	0.02649
730871.38	4054031.50	0.02638	730871.38	4054056.50	0.02624
730871.38	4054081.50	0.02608	730871.38	4054106.50	0.02590
730871.38	4054131.50	0.02571	730871.38	4054156.50	0.02550
730871.38	4054181.50	0.02528	730871.38	4054206.50	0.02506
730871.38	4054231.50	0.02483	730871.38	4054256.50	0.02460
730871.38	4054281.50	0.02438	730871.38	4054306.50	0.02417

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730871.38	4054331.50	0.02396	730871.38	4054356.50	0.02376
730871.38	4054381.50	0.02358	730871.38	4054406.50	0.02341
730871.38	4054431.50	0.02325	730871.38	4054456.50	0.02311
730871.38	4054481.50	0.02298	730871.38	4054506.50	0.02286
730871.38	4054531.50	0.02276	730871.38	4054556.50	0.02267
730871.38	4054581.50	0.02259	730871.38	4054606.50	0.02253
730871.38	4054631.50	0.02248	730871.38	4054656.50	0.02243
730871.38	4054681.50	0.02240	730871.38	4054706.50	0.02238
730871.38	4054731.50	0.02236	730871.38	4054756.50	0.02235
730871.38	4054781.50	0.02235	730871.38	4054806.50	0.02235
730871.38	4054831.50	0.02235	730871.38	4054856.50	0.02235
730871.38	4054881.50	0.02235	730871.38	4054906.50	0.02234
730871.38	4054931.50	0.02233	730871.38	4054956.50	0.02232
730871.38	4054981.50	0.02229	730871.38	4055006.50	0.02226
730871.38	4055031.50	0.02222	730871.38	4055056.50	0.02217
730871.38	4055081.50	0.02211	730871.38	4055106.50	0.02203
730871.38	4055131.50	0.02194	730871.38	4055156.50	0.02184
730871.38	4055181.50	0.02173	730871.38	4055206.50	0.02160
730871.38	4055231.50	0.02147	730871.38	4055256.50	0.02132
730871.38	4055281.50	0.02116	730871.38	4055306.50	0.02099
730871.38	4055331.50	0.02081	730896.38	4052331.50	0.01353
730896.38	4052356.50	0.01379	730896.38	4052381.50	0.01405
730896.38	4052406.50	0.01431	730896.38	4052431.50	0.01456

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730896.38 4052456.50 0.01481 730896.38 4052481.50 0.01504
730896.38 4052506.50 0.01527 730896.38 4052531.50 0.01550
730896.38 4052556.50 0.01572 730896.38 4052581.50 0.01594
730896.38 4052606.50 0.01615 730896.38 4052631.50 0.01638
730896.38 4052656.50 0.01661 730896.38 4052681.50 0.01684
730896.38 4052706.50 0.01709 730896.38 4052731.50 0.01735
730896.38 4052756.50 0.01761 730896.38 4052781.50 0.01787
730896.38 4052806.50 0.01813 730896.38 4052831.50 0.01839
730896.38 4052856.50 0.01864 730896.38 4052881.50 0.01887
730896.38 4052906.50 0.01909 730896.38 4052931.50 0.01930
730896.38 4052956.50 0.01949 730896.38 4052981.50 0.01982
730896.38 4053006.50 0.02002 730896.38 4053031.50 0.02021
730896.38 4053056.50 0.02040 730896.38 4053081.50 0.02060
730896.38 4053106.50 0.02079 730896.38 4053131.50 0.02100
730896.38 4053156.50 0.02121 730896.38 4053181.50 0.02144
730896.38 4053206.50 0.02167 730896.38 4053231.50 0.02191
730896.38 4053256.50 0.02217 730896.38 4053281.50 0.02243

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
730896.38 4053306.50 0.02270 730896.38 4053331.50 0.02297
730896.38 4053356.50 0.02326 730896.38 4053381.50 0.02354
730896.38 4053406.50 0.02382 730896.38 4053431.50 0.02410
730896.38 4053456.50 0.02437 730896.38 4053481.50 0.02464
730896.38 4053506.50 0.02490 730896.38 4053531.50 0.02515
730896.38 4053556.50 0.02539 730896.38 4053581.50 0.02562
730896.38 4053606.50 0.02584 730896.38 4053631.50 0.02604
730896.38 4053656.50 0.02623 730896.38 4053681.50 0.02640
730896.38 4053706.50 0.02656 730896.38 4053731.50 0.02670
730896.38 4053756.50 0.02682 730896.38 4053781.50 0.02692
730896.38 4053806.50 0.02700 730896.38 4053831.50 0.02707
730896.38 4053856.50 0.02711 730896.38 4053881.50 0.02713
730896.38 4053906.50 0.02712 730896.38 4053931.50 0.02709
730896.38 4053956.50 0.02704 730896.38 4053981.50 0.02697
730896.38 4054006.50 0.02687 730896.38 4054031.50 0.02674
730896.38 4054056.50 0.02660 730896.38 4054081.50 0.02643
730896.38 4054106.50 0.02624 730896.38 4054131.50 0.02604
730896.38 4054156.50 0.02582 730896.38 4054181.50 0.02560
730896.38 4054206.50 0.02537 730896.38 4054231.50 0.02514
730896.38 4054256.50 0.02491 730896.38 4054281.50 0.02469
730896.38 4054306.50 0.02447 730896.38 4054331.50 0.02427
730896.38 4054356.50 0.02407 730896.38 4054381.50 0.02389
730896.38 4054406.50 0.02373 730896.38 4054431.50 0.02357
730896.38 4054456.50 0.02343 730896.38 4054481.50 0.02331
730896.38 4054506.50 0.02319 730896.38 4054531.50 0.02310
730896.38 4054556.50 0.02301 730896.38 4054581.50 0.02294
730896.38 4054606.50 0.02288 730896.38 4054631.50 0.02283
730896.38 4054656.50 0.02279 730896.38 4054681.50 0.02276
730896.38 4054706.50 0.02273 730896.38 4054731.50 0.02272
730896.38 4054756.50 0.02271 730896.38 4054781.50 0.02271
730896.38 4054806.50 0.02270 730896.38 4054831.50 0.02270
730896.38 4054856.50 0.02270 730896.38 4054881.50 0.02270
730896.38 4054906.50 0.02269 730896.38 4054931.50 0.02267
730896.38 4054956.50 0.02264 730896.38 4054981.50 0.02261
730896.38 4055006.50 0.02257 730896.38 4055031.50 0.02252
730896.38 4055056.50 0.02245 730896.38 4055081.50 0.02237
730896.38 4055106.50 0.02229 730896.38 4055131.50 0.02219
730896.38 4055156.50 0.02207 730896.38 4055181.50 0.02194
730896.38 4055206.50 0.02181 730896.38 4055231.50 0.02166
730896.38 4055256.50 0.02149 730896.38 4055281.50 0.02132

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
730896.38 4055306.50 0.02114 730896.38 4055331.50 0.02095
730921.38 4052331.50 0.01363 730921.38 4052356.50 0.01390
730921.38 4052381.50 0.01417 730921.38 4052406.50 0.01443
730921.38 4052431.50 0.01469 730921.38 4052456.50 0.01494
730921.38 4052481.50 0.01519 730921.38 4052506.50 0.01542
730921.38 4052531.50 0.01566 730921.38 4052556.50 0.01588
730921.38 4052581.50 0.01611 730921.38 4052606.50 0.01633
730921.38 4052631.50 0.01656 730921.38 4052656.50 0.01680
730921.38 4052681.50 0.01704 730921.38 4052706.50 0.01729
730921.38 4052731.50 0.01756 730921.38 4052756.50 0.01782
730921.38 4052781.50 0.01810 730921.38 4052806.50 0.01837
730921.38 4052831.50 0.01864 730921.38 4052856.50 0.01889
730921.38 4052881.50 0.01914 730921.38 4052906.50 0.01937
730921.38 4052931.50 0.01958 730921.38 4052956.50 0.01979
730921.38 4052981.50 0.02012 730921.38 4053006.50 0.02032
730921.38 4053031.50 0.02052 730921.38 4053056.50 0.02072
730921.38 4053081.50 0.02092 730921.38 4053106.50 0.02113
730921.38 4053131.50 0.02134 730921.38 4053156.50 0.02156
730921.38 4053181.50 0.02178 730921.38 4053206.50 0.02202
730921.38 4053231.50 0.02227 730921.38 4053256.50 0.02253
730921.38 4053281.50 0.02281 730921.38 4053306.50 0.02308
730921.38 4053331.50 0.02337 730921.38 4053356.50 0.02366
730921.38 4053381.50 0.02395 730921.38 4053406.50 0.02424
730921.38 4053431.50 0.02452 730921.38 4053456.50 0.02480
730921.38 4053481.50 0.02508 730921.38 4053506.50 0.02534
730921.38 4053531.50 0.02560 730921.38 4053556.50 0.02584
730921.38 4053581.50 0.02607 730921.38 4053606.50 0.02629
730921.38 4053631.50 0.02649 730921.38 4053656.50 0.02668
730921.38 4053681.50 0.02685 730921.38 4053706.50 0.02700
730921.38 4053731.50 0.02714 730921.38 4053756.50 0.02726

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730921.38	4053781.50	0.02736	730921.38	4053806.50	0.02744
730921.38	4053831.50	0.02750	730921.38	4053856.50	0.02753
730921.38	4053881.50	0.02755	730921.38	4053906.50	0.02753
730921.38	4053931.50	0.02750	730921.38	4053956.50	0.02744
730921.38	4053981.50	0.02736	730921.38	4054006.50	0.02725
730921.38	4054031.50	0.02712	730921.38	4054056.50	0.02696
730921.38	4054081.50	0.02679	730921.38	4054106.50	0.02659
730921.38	4054131.50	0.02638	730921.38	4054156.50	0.02616
730921.38	4054181.50	0.02593	730921.38	4054206.50	0.02570
730921.38	4054231.50	0.02546	730921.38	4054256.50	0.02523

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730921.38	4054281.50	0.02501	730921.38	4054306.50	0.02479
730921.38	4054331.50	0.02459	730921.38	4054356.50	0.02440
730921.38	4054381.50	0.02422	730921.38	4054406.50	0.02405
730921.38	4054431.50	0.02390	730921.38	4054456.50	0.02377
730921.38	4054481.50	0.02365	730921.38	4054506.50	0.02354
730921.38	4054531.50	0.02344	730921.38	4054556.50	0.02336
730921.38	4054581.50	0.02330	730921.38	4054606.50	0.02324
730921.38	4054631.50	0.02319	730921.38	4054656.50	0.02315
730921.38	4054681.50	0.02313	730921.38	4054706.50	0.02310
730921.38	4054731.50	0.02309	730921.38	4054756.50	0.02308
730921.38	4054781.50	0.02307	730921.38	4054806.50	0.02307
730921.38	4054831.50	0.02306	730921.38	4054856.50	0.02306
730921.38	4054881.50	0.02305	730921.38	4054906.50	0.02303
730921.38	4054931.50	0.02300	730921.38	4054956.50	0.02297
730921.38	4054981.50	0.02293	730921.38	4055006.50	0.02287
730921.38	4055031.50	0.02281	730921.38	4055056.50	0.02273
730921.38	4055081.50	0.02264	730921.38	4055106.50	0.02254
730921.38	4055131.50	0.02242	730921.38	4055156.50	0.02230
730921.38	4055181.50	0.02215	730921.38	4055206.50	0.02200
730921.38	4055231.50	0.02184	730921.38	4055256.50	0.02166
730921.38	4055281.50	0.02148	730921.38	4055306.50	0.02129
730921.38	4055331.50	0.02109	730946.38	4052331.50	0.01374
730946.38	4052356.50	0.01401	730946.38	4052381.50	0.01429
730946.38	4052406.50	0.01456	730946.38	4052431.50	0.01482
730946.38	4052456.50	0.01508	730946.38	4052481.50	0.01533
730946.38	4052506.50	0.01558	730946.38	4052531.50	0.01582
730946.38	4052556.50	0.01605	730946.38	4052581.50	0.01628
730946.38	4052606.50	0.01651	730946.38	4052631.50	0.01675
730946.38	4052656.50	0.01699	730946.38	4052681.50	0.01724
730946.38	4052706.50	0.01750	730946.38	4052731.50	0.01777
730946.38	4052756.50	0.01805	730946.38	4052781.50	0.01833
730946.38	4052806.50	0.01861	730946.38	4052831.50	0.01889
730946.38	4052856.50	0.01915	730946.38	4052881.50	0.01941
730946.38	4052906.50	0.01965	730946.38	4052931.50	0.01987
730946.38	4052956.50	0.02021	730946.38	4052981.50	0.02043
730946.38	4053006.50	0.02064	730946.38	4053031.50	0.02084
730946.38	4053056.50	0.02105	730946.38	4053081.50	0.02125
730946.38	4053106.50	0.02147	730946.38	4053131.50	0.02168
730946.38	4053156.50	0.02191	730946.38	4053181.50	0.02214
730946.38	4053206.50	0.02239	730946.38	4053231.50	0.02265

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730946.38	4053256.50	0.02292	730946.38	4053281.50	0.02319
730946.38	4053306.50	0.02348	730946.38	4053331.50	0.02377
730946.38	4053356.50	0.02407	730946.38	4053381.50	0.02437
730946.38	4053406.50	0.02467	730946.38	4053431.50	0.02496
730946.38	4053456.50	0.02525	730946.38	4053481.50	0.02553
730946.38	4053506.50	0.02580	730946.38	4053531.50	0.02606
730946.38	4053556.50	0.02630	730946.38	4053581.50	0.02653
730946.38	4053606.50	0.02675	730946.38	4053631.50	0.02695
730946.38	4053656.50	0.02714	730946.38	4053681.50	0.02731
730946.38	4053706.50	0.02746	730946.38	4053731.50	0.02760
730946.38	4053756.50	0.02771	730946.38	4053781.50	0.02781
730946.38	4053806.50	0.02788	730946.38	4053831.50	0.02794
730946.38	4053856.50	0.02797	730946.38	4053881.50	0.02798
730946.38	4053906.50	0.02796	730946.38	4053931.50	0.02792
730946.38	4053956.50	0.02785	730946.38	4053981.50	0.02776
730946.38	4054006.50	0.02764	730946.38	4054031.50	0.02750
730946.38	4054056.50	0.02733	730946.38	4054081.50	0.02715
730946.38	4054106.50	0.02695	730946.38	4054131.50	0.02673
730946.38	4054156.50	0.02651	730946.38	4054181.50	0.02627
730946.38	4054206.50	0.02603	730946.38	4054231.50	0.02579
730946.38	4054256.50	0.02557	730946.38	4054281.50	0.02534
730946.38	4054306.50	0.02513	730946.38	4054331.50	0.02492
730946.38	4054356.50	0.02473	730946.38	4054381.50	0.02456
730946.38	4054406.50	0.02440	730946.38	4054431.50	0.02425
730946.38	4054456.50	0.02412	730946.38	4054481.50	0.02400
730946.38	4054506.50	0.02390	730946.38	4054531.50	0.02381
730946.38	4054556.50	0.02373	730946.38	4054581.50	0.02366
730946.38	4054606.50	0.02361	730946.38	4054631.50	0.02356
730946.38	4054656.50	0.02353	730946.38	4054681.50	0.02350
730946.38	4054706.50	0.02348	730946.38	4054731.50	0.02347
730946.38	4054756.50	0.02346	730946.38	4054781.50	0.02345
730946.38	4054806.50	0.02344	730946.38	4054831.50	0.02343
730946.38	4054856.50	0.02342	730946.38	4054881.50	0.02340
730946.38	4054906.50	0.02338	730946.38	4054931.50	0.02334
730946.38	4054956.50	0.02330	730946.38	4054981.50	0.02324
730946.38	4055006.50	0.02318	730946.38	4055031.50	0.02310
730946.38	4055056.50	0.02300	730946.38	4055081.50	0.02290

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730946.38 4055106.50 0.02278 730946.38 4055131.50 0.02266
730946.38 4055156.50 0.02251 730946.38 4055181.50 0.02236
730946.38 4055206.50 0.02219 730946.38 4055231.50 0.02202

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 121

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
730946.38 4055256.50 0.02183 730946.38 4055281.50 0.02163
730946.38 4055306.50 0.02143 730946.38 4055331.50 0.02122
730971.38 4052331.50 0.01386 730971.38 4052356.50 0.01413
730971.38 4052381.50 0.01441 730971.38 4052406.50 0.01468
730971.38 4052431.50 0.01496 730971.38 4052456.50 0.01522
730971.38 4052481.50 0.01548 730971.38 4052506.50 0.01574
730971.38 4052531.50 0.01598 730971.38 4052556.50 0.01622
730971.38 4052581.50 0.01646 730971.38 4052606.50 0.01670
730971.38 4052631.50 0.01694 730971.38 4052656.50 0.01719
730971.38 4052681.50 0.01745 730971.38 4052706.50 0.01771
730971.38 4052731.50 0.01799 730971.38 4052756.50 0.01827
730971.38 4052781.50 0.01857 730971.38 4052806.50 0.01886
730971.38 4052831.50 0.01914 730971.38 4052856.50 0.01942
730971.38 4052881.50 0.01968 730971.38 4052906.50 0.01994
730971.38 4052931.50 0.02028 730971.38 4052956.50 0.02052
730971.38 4052981.50 0.02074 730971.38 4053006.50 0.02096
730971.38 4053031.50 0.02117 730971.38 4053056.50 0.02139
730971.38 4053081.50 0.02160 730971.38 4053106.50 0.02182
730971.38 4053131.50 0.02204 730971.38 4053156.50 0.02227
730971.38 4053181.50 0.02251 730971.38 4053206.50 0.02277
730971.38 4053231.50 0.02303 730971.38 4053256.50 0.02331
730971.38 4053281.50 0.02360 730971.38 4053306.50 0.02389
730971.38 4053331.50 0.02419 730971.38 4053356.50 0.02450
730971.38 4053381.50 0.02481 730971.38 4053406.50 0.02511
730971.38 4053431.50 0.02541 730971.38 4053456.50 0.02571
730971.38 4053481.50 0.02599 730971.38 4053506.50 0.02627
730971.38 4053531.50 0.02653 730971.38 4053556.50 0.02678
730971.38 4053581.50 0.02701 730971.38 4053606.50 0.02722
730971.38 4053631.50 0.02743 730971.38 4053656.50 0.02761
730971.38 4053681.50 0.02778 730971.38 4053706.50 0.02793
730971.38 4053731.50 0.02807 730971.38 4053756.50 0.02818
730971.38 4053781.50 0.02827 730971.38 4053806.50 0.02834
730971.38 4053831.50 0.02839 730971.38 4053856.50 0.02842
730971.38 4053881.50 0.02842 730971.38 4053906.50 0.02839
730971.38 4053931.50 0.02834 730971.38 4053956.50 0.02827
730971.38 4053981.50 0.02817 730971.38 4054006.50 0.02804
730971.38 4054031.50 0.02789 730971.38 4054056.50 0.02772
730971.38 4054081.50 0.02752 730971.38 4054106.50 0.02731
730971.38 4054131.50 0.02709 730971.38 4054156.50 0.02686
730971.38 4054181.50 0.02662 730971.38 4054206.50 0.02638

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 122

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
730971.38 4054231.50 0.02614 730971.38 4054256.50 0.02591
730971.38 4054281.50 0.02568 730971.38 4054306.50 0.02547
730971.38 4054331.50 0.02527 730971.38 4054356.50 0.02508
730971.38 4054381.50 0.02491 730971.38 4054406.50 0.02475
730971.38 4054431.50 0.02461 730971.38 4054456.50 0.02448
730971.38 4054481.50 0.02437 730971.38 4054506.50 0.02427
730971.38 4054531.50 0.02418 730971.38 4054556.50 0.02411
730971.38 4054581.50 0.02405 730971.38 4054606.50 0.02400
730971.38 4054631.50 0.02395 730971.38 4054656.50 0.02392
730971.38 4054681.50 0.02389 730971.38 4054706.50 0.02387
730971.38 4054731.50 0.02385 730971.38 4054756.50 0.02384
730971.38 4054781.50 0.02383 730971.38 4054806.50 0.02381
730971.38 4054831.50 0.02380 730971.38 4054856.50 0.02378
730971.38 4054881.50 0.02375 730971.38 4054906.50 0.02372
730971.38 4054931.50 0.02368 730971.38 4054956.50 0.02362
730971.38 4054981.50 0.02355 730971.38 4055006.50 0.02347
730971.38 4055031.50 0.02338 730971.38 4055056.50 0.02328
730971.38 4055081.50 0.02316 730971.38 4055106.50 0.02303
730971.38 4055131.50 0.02288 730971.38 4055156.50 0.02273
730971.38 4055181.50 0.02256 730971.38 4055206.50 0.02238
730971.38 4055231.50 0.02219 730971.38 4055256.50 0.02199
730971.38 4055281.50 0.02178 730971.38 4055306.50 0.02157
730971.38 4055331.50 0.02135 730996.38 4052331.50 0.01397
730996.38 4052356.50 0.01425 730996.38 4052381.50 0.01453
730996.38 4052406.50 0.01481 730996.38 4052431.50 0.01509
730996.38 4052456.50 0.01537 730996.38 4052481.50 0.01563
730996.38 4052506.50 0.01589 730996.38 4052531.50 0.01615
730996.38 4052556.50 0.01640 730996.38 4052581.50 0.01664
730996.38 4052606.50 0.01689 730996.38 4052631.50 0.01714
730996.38 4052656.50 0.01739 730996.38 4052681.50 0.01766
730996.38 4052706.50 0.01793 730996.38 4052731.50 0.01822
730996.38 4052756.50 0.01851 730996.38 4052781.50 0.01881
730996.38 4052806.50 0.01911 730996.38 4052831.50 0.01940
730996.38 4052856.50 0.01969 730996.38 4052881.50 0.01997
730996.38 4052906.50 0.02033 730996.38 4052931.50 0.02058
730996.38 4052956.50 0.02083 730996.38 4052981.50 0.02107
730996.38 4053006.50 0.02129 730996.38 4053031.50 0.02152
730996.38 4053056.50 0.02174 730996.38 4053081.50 0.02195
730996.38 4053106.50 0.02218 730996.38 4053131.50 0.02241
730996.38 4053156.50 0.02265 730996.38 4053181.50 0.02290

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 123

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730996.38	4053206.50	0.02316	730996.38	4053231.50	0.02343
730996.38	4053256.50	0.02372	730996.38	4053281.50	0.02401
730996.38	4053306.50	0.02431	730996.38	4053331.50	0.02463
730996.38	4053356.50	0.02494	730996.38	4053381.50	0.02526
730996.38	4053406.50	0.02557	730996.38	4053431.50	0.02588
730996.38	4053456.50	0.02618	730996.38	4053481.50	0.02647
730996.38	4053506.50	0.02675	730996.38	4053531.50	0.02702
730996.38	4053556.50	0.02726	730996.38	4053581.50	0.02750
730996.38	4053606.50	0.02772	730996.38	4053631.50	0.02792
730996.38	4053656.50	0.02810	730996.38	4053681.50	0.02827
730996.38	4053706.50	0.02842	730996.38	4053731.50	0.02855
730996.38	4053756.50	0.02866	730996.38	4053781.50	0.02875
730996.38	4053806.50	0.02881	730996.38	4053831.50	0.02886
730996.38	4053856.50	0.02888	730996.38	4053881.50	0.02887
730996.38	4053906.50	0.02884	730996.38	4053931.50	0.02878
730996.38	4053956.50	0.02870	730996.38	4053981.50	0.02859
730996.38	4054006.50	0.02845	730996.38	4054031.50	0.02829
730996.38	4054056.50	0.02811	730996.38	4054081.50	0.02791
730996.38	4054106.50	0.02769	730996.38	4054131.50	0.02746
730996.38	4054156.50	0.02722	730996.38	4054181.50	0.02698
730996.38	4054206.50	0.02673	730996.38	4054231.50	0.02650
730996.38	4054256.50	0.02626	730996.38	4054281.50	0.02604
730996.38	4054306.50	0.02583	730996.38	4054331.50	0.02563
730996.38	4054356.50	0.02545	730996.38	4054381.50	0.02528
730996.38	4054406.50	0.02512	730996.38	4054431.50	0.02499
730996.38	4054456.50	0.02486	730996.38	4054481.50	0.02475
730996.38	4054506.50	0.02466	730996.38	4054531.50	0.02458
730996.38	4054556.50	0.02450	730996.38	4054581.50	0.02444
730996.38	4054606.50	0.02439	730996.38	4054631.50	0.02435
730996.38	4054656.50	0.02432	730996.38	4054681.50	0.02429
730996.38	4054706.50	0.02427	730996.38	4054731.50	0.02425
730996.38	4054756.50	0.02423	730996.38	4054781.50	0.02421
730996.38	4054806.50	0.02419	730996.38	4054831.50	0.02417
730996.38	4054856.50	0.02414	730996.38	4054881.50	0.02411
730996.38	4054906.50	0.02407	730996.38	4054931.50	0.02401
730996.38	4054956.50	0.02394	730996.38	4054981.50	0.02386
730996.38	4055006.50	0.02377	730996.38	4055031.50	0.02366
730996.38	4055056.50	0.02354	730996.38	4055081.50	0.02341
730996.38	4055106.50	0.02326	730996.38	4055131.50	0.02311
730996.38	4055156.50	0.02293	730996.38	4055181.50	0.02275

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730996.38	4055206.50	0.02256	730996.38	4055231.50	0.02236
730996.38	4055256.50	0.02215	730996.38	4055281.50	0.02193
730996.38	4055306.50	0.02171	730996.38	4055331.50	0.02148
731021.38	4052331.50	0.01409	731021.38	4052356.50	0.01437
731021.38	4052381.50	0.01466	731021.38	4052406.50	0.01495
731021.38	4052431.50	0.01523	731021.38	4052456.50	0.01551
731021.38	4052481.50	0.01579	731021.38	4052506.50	0.01606
731021.38	4052531.50	0.01632	731021.38	4052556.50	0.01658
731021.38	4052581.50	0.01683	731021.38	4052606.50	0.01708
731021.38	4052631.50	0.01734	731021.38	4052656.50	0.01760
731021.38	4052681.50	0.01787	731021.38	4052706.50	0.01815
731021.38	4052731.50	0.01845	731021.38	4052756.50	0.01875
731021.38	4052781.50	0.01906	731021.38	4052806.50	0.01937
731021.38	4052831.50	0.01967	731021.38	4052856.50	0.01997
731021.38	4052881.50	0.02026	731021.38	4052906.50	0.02063
731021.38	4052931.50	0.02090	731021.38	4052956.50	0.02115
731021.38	4052981.50	0.02140	731021.38	4053006.50	0.02164
731021.38	4053031.50	0.02187	731021.38	4053056.50	0.02209
731021.38	4053081.50	0.02232	731021.38	4053106.50	0.02255
731021.38	4053131.50	0.02279	731021.38	4053156.50	0.02304
731021.38	4053181.50	0.02329	731021.38	4053206.50	0.02356
731021.38	4053231.50	0.02384	731021.38	4053256.50	0.02413
731021.38	4053281.50	0.02444	731021.38	4053306.50	0.02475
731021.38	4053331.50	0.02507	731021.38	4053356.50	0.02540
731021.38	4053381.50	0.02572	731021.38	4053406.50	0.02605
731021.38	4053431.50	0.02636	731021.38	4053456.50	0.02667
731021.38	4053481.50	0.02697	731021.38	4053506.50	0.02725
731021.38	4053531.50	0.02752	731021.38	4053556.50	0.02777
731021.38	4053581.50	0.02800	731021.38	4053606.50	0.02822
731021.38	4053631.50	0.02842	731021.38	4053656.50	0.02860
731021.38	4053681.50	0.02877	731021.38	4053706.50	0.02892
731021.38	4053731.50	0.02904	731021.38	4053756.50	0.02915
731021.38	4053781.50	0.02923	731021.38	4053806.50	0.02930
731021.38	4053831.50	0.02934	731021.38	4053856.50	0.02935
731021.38	4053881.50	0.02934	731021.38	4053906.50	0.02930
731021.38	4053931.50	0.02923	731021.38	4053956.50	0.02914
731021.38	4053981.50	0.02902	731021.38	4054006.50	0.02888
731021.38	4054031.50	0.02871	731021.38	4054056.50	0.02852
731021.38	4054081.50	0.02830	731021.38	4054106.50	0.02808
731021.38	4054131.50	0.02784	731021.38	4054156.50	0.02760

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731021.38	4054181.50	0.02735	731021.38	4054206.50	0.02711
731021.38	4054231.50	0.02686	731021.38	4054256.50	0.02663
731021.38	4054281.50	0.02641	731021.38	4054306.50	0.02620
731021.38	4054331.50	0.02601	731021.38	4054356.50	0.02583
731021.38	4054381.50	0.02566	731021.38	4054406.50	0.02551
731021.38	4054431.50	0.02538	731021.38	4054456.50	0.02526
731021.38	4054481.50	0.02515	731021.38	4054506.50	0.02506
731021.38	4054531.50	0.02498	731021.38	4054556.50	0.02491
731021.38	4054581.50	0.02485	731021.38	4054606.50	0.02480
731021.38	4054631.50	0.02476	731021.38	4054656.50	0.02473
731021.38	4054681.50	0.02470	731021.38	4054706.50	0.02467
731021.38	4054731.50	0.02465	731021.38	4054756.50	0.02463
731021.38	4054781.50	0.02461	731021.38	4054806.50	0.02458
731021.38	4054831.50	0.02455	731021.38	4054856.50	0.02451
731021.38	4054881.50	0.02446	731021.38	4054906.50	0.02441
731021.38	4054931.50	0.02435	731021.38	4054956.50	0.02426
731021.38	4054981.50	0.02417	731021.38	4055006.50	0.02406
731021.38	4055031.50	0.02394	731021.38	4055056.50	0.02381
731021.38	4055081.50	0.02366	731021.38	4055106.50	0.02350
731021.38	4055131.50	0.02332	731021.38	4055156.50	0.02313
731021.38	4055181.50	0.02294	731021.38	4055206.50	0.02274
731021.38	4055231.50	0.02252	731021.38	4055256.50	0.02230
731021.38	4055281.50	0.02208	731021.38	4055306.50	0.02184
731021.38	4055331.50	0.02161	731046.38	4052331.50	0.01422
731046.38	4052356.50	0.01450	731046.38	4052381.50	0.01479
731046.38	4052406.50	0.01508	731046.38	4052431.50	0.01538
731046.38	4052456.50	0.01566	731046.38	4052481.50	0.01595
731046.38	4052506.50	0.01623	731046.38	4052531.50	0.01650
731046.38	4052556.50	0.01676	731046.38	4052581.50	0.01702
731046.38	4052606.50	0.01728	731046.38	4052631.50	0.01754
731046.38	4052656.50	0.01781	731046.38	4052681.50	0.01809
731046.38	4052706.50	0.01838	731046.38	4052731.50	0.01868
731046.38	4052756.50	0.01899	731046.38	4052781.50	0.01931
731046.38	4052806.50	0.01963	731046.38	4052831.50	0.01995
731046.38	4052856.50	0.02026	731046.38	4052881.50	0.02066
731046.38	4052906.50	0.02094	731046.38	4052931.50	0.02122
731046.38	4052956.50	0.02148	731046.38	4052981.50	0.02174
731046.38	4053006.50	0.02198	731046.38	4053031.50	0.02223
731046.38	4053056.50	0.02246	731046.38	4053081.50	0.02270
731046.38	4053106.50	0.02294	731046.38	4053131.50	0.02318

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731046.38	4053156.50	0.02344	731046.38	4053181.50	0.02370
731046.38	4053206.50	0.02398	731046.38	4053231.50	0.02427
731046.38	4053256.50	0.02457	731046.38	4053281.50	0.02488
731046.38	4053306.50	0.02521	731046.38	4053331.50	0.02554
731046.38	4053356.50	0.02587	731046.38	4053381.50	0.02621
731046.38	4053406.50	0.02654	731046.38	4053431.50	0.02686
731046.38	4053456.50	0.02718	731046.38	4053481.50	0.02748
731046.38	4053506.50	0.02776	731046.38	4053531.50	0.02803
731046.38	4053556.50	0.02829	731046.38	4053581.50	0.02852
731046.38	4053606.50	0.02874	731046.38	4053631.50	0.02894
731046.38	4053656.50	0.02912	731046.38	4053681.50	0.02929
731046.38	4053706.50	0.02943	731046.38	4053731.50	0.02955
731046.38	4053756.50	0.02966	731046.38	4053781.50	0.02974
731046.38	4053806.50	0.02980	731046.38	4053831.50	0.02983
731046.38	4053856.50	0.02984	731046.38	4053881.50	0.02981
731046.38	4053906.50	0.02977	731046.38	4053931.50	0.02970
731046.38	4053956.50	0.02959	731046.38	4053981.50	0.02946
731046.38	4054006.50	0.02931	731046.38	4054031.50	0.02913
731046.38	4054056.50	0.02893	731046.38	4054081.50	0.02871
731046.38	4054106.50	0.02848	731046.38	4054131.50	0.02824
731046.38	4054156.50	0.02799	731046.38	4054181.50	0.02774
731046.38	4054206.50	0.02749	731046.38	4054231.50	0.02725
731046.38	4054256.50	0.02702	731046.38	4054281.50	0.02679
731046.38	4054306.50	0.02659	731046.38	4054331.50	0.02639
731046.38	4054356.50	0.02622	731046.38	4054381.50	0.02606
731046.38	4054406.50	0.02591	731046.38	4054431.50	0.02578
731046.38	4054456.50	0.02567	731046.38	4054481.50	0.02556
731046.38	4054506.50	0.02547	731046.38	4054531.50	0.02540
731046.38	4054556.50	0.02533	731046.38	4054581.50	0.02527
731046.38	4054606.50	0.02522	731046.38	4054631.50	0.02518
731046.38	4054656.50	0.02515	731046.38	4054681.50	0.02512
731046.38	4054706.50	0.02509	731046.38	4054731.50	0.02506
731046.38	4054756.50	0.02503	731046.38	4054781.50	0.02500
731046.38	4054806.50	0.02497	731046.38	4054831.50	0.02493
731046.38	4054856.50	0.02488	731046.38	4054881.50	0.02482
731046.38	4054906.50	0.02475	731046.38	4054931.50	0.02468
731046.38	4054956.50	0.02458	731046.38	4054981.50	0.02447
731046.38	4055006.50	0.02435	731046.38	4055031.50	0.02421
731046.38	4055056.50	0.02406	731046.38	4055081.50	0.02390
731046.38	4055106.50	0.02372	731046.38	4055131.50	0.02353

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731046.38	4055156.50	0.02334	731046.38	4055181.50	0.02313
731046.38	4055206.50	0.02291	731046.38	4055231.50	0.02268
731046.38	4055256.50	0.02245	731046.38	4055281.50	0.02222

731046.38	4055306.50	0.02198	731046.38	4055331.50	0.02174
731071.38	4052331.50	0.01435	731071.38	4052356.50	0.01463
731071.38	4052381.50	0.01493	731071.38	4052406.50	0.01523
731071.38	4052431.50	0.01552	731071.38	4052456.50	0.01582
731071.38	4052481.50	0.01611	731071.38	4052506.50	0.01640
731071.38	4052531.50	0.01668	731071.38	4052556.50	0.01695
731071.38	4052581.50	0.01722	731071.38	4052606.50	0.01749
731071.38	4052631.50	0.01776	731071.38	4052656.50	0.01803
731071.38	4052681.50	0.01832	731071.38	4052706.50	0.01861
731071.38	4052731.50	0.01892	731071.38	4052756.50	0.01924
731071.38	4052781.50	0.01957	731071.38	4052806.50	0.01990
731071.38	4052831.50	0.02023	731071.38	4052856.50	0.02055
731071.38	4052881.50	0.02096	731071.38	4052906.50	0.02126
731071.38	4052931.50	0.02155	731071.38	4052956.50	0.02182
731071.38	4052981.50	0.02209	731071.38	4053006.50	0.02235
731071.38	4053031.50	0.02260	731071.38	4053056.50	0.02284
731071.38	4053081.50	0.02309	731071.38	4053106.50	0.02334
731071.38	4053131.50	0.02359	731071.38	4053156.50	0.02385
731071.38	4053181.50	0.02413	731071.38	4053206.50	0.02441
731071.38	4053231.50	0.02471	731071.38	4053256.50	0.02502
731071.38	4053281.50	0.02534	731071.38	4053306.50	0.02568
731071.38	4053331.50	0.02601	731071.38	4053356.50	0.02636
731071.38	4053381.50	0.02670	731071.38	4053406.50	0.02704
731071.38	4053431.50	0.02738	731071.38	4053456.50	0.02770
731071.38	4053481.50	0.02800	731071.38	4053506.50	0.02829
731071.38	4053531.50	0.02857	731071.38	4053556.50	0.02882
731071.38	4053581.50	0.02906	731071.38	4053606.50	0.02927
731071.38	4053631.50	0.02947	731071.38	4053656.50	0.02965
731071.38	4053681.50	0.02981	731071.38	4053706.50	0.02996
731071.38	4053731.50	0.03008	731071.38	4053756.50	0.03018
731071.38	4053781.50	0.03026	731071.38	4053806.50	0.03031
731071.38	4053831.50	0.03033	731071.38	4053856.50	0.03034
731071.38	4053881.50	0.03031	731071.38	4053906.50	0.03025
731071.38	4053931.50	0.03017	731071.38	4053956.50	0.03006
731071.38	4053981.50	0.02992	731071.38	4054006.50	0.02976
731071.38	4054031.50	0.02957	731071.38	4054056.50	0.02936
731071.38	4054081.50	0.02913	731071.38	4054106.50	0.02889

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 *** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* *** PAGE 128

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
731071.38	4054131.50	0.02864	731071.38	4054156.50	0.02839		
731071.38	4054181.50	0.02814	731071.38	4054206.50	0.02789		
731071.38	4054231.50	0.02764	731071.38	4054256.50	0.02741		
731071.38	4054281.50	0.02719	731071.38	4054306.50	0.02699		
731071.38	4054331.50	0.02680	731071.38	4054356.50	0.02663		
731071.38	4054381.50	0.02647	731071.38	4054406.50	0.02633		
731071.38	4054431.50	0.02620	731071.38	4054456.50	0.02609		
731071.38	4054481.50	0.02599	731071.38	4054506.50	0.02590		
731071.38	4054531.50	0.02583	731071.38	4054556.50	0.02576		
731071.38	4054581.50	0.02570	731071.38	4054606.50	0.02566		
731071.38	4054631.50	0.02561	731071.38	4054656.50	0.02558		
731071.38	4054681.50	0.02554	731071.38	4054706.50	0.02551		
731071.38	4054731.50	0.02548	731071.38	4054756.50	0.02544		
731071.38	4054781.50	0.02540	731071.38	4054806.50	0.02536		
731071.38	4054831.50	0.02531	731071.38	4054856.50	0.02525		
731071.38	4054881.50	0.02518	731071.38	4054906.50	0.02510		
731071.38	4054931.50	0.02500	731071.38	4054956.50	0.02489		
731071.38	4054981.50	0.02477	731071.38	4055006.50	0.02463		
731071.38	4055031.50	0.02448	731071.38	4055056.50	0.02432		
731071.38	4055081.50	0.02414	731071.38	4055106.50	0.02395		
731071.38	4055131.50	0.02374	731071.38	4055156.50	0.02353		
731071.38	4055181.50	0.02331	731071.38	4055206.50	0.02308		
731071.38	4055231.50	0.02284	731071.38	4055256.50	0.02260		
731071.38	4055281.50	0.02236	731071.38	4055306.50	0.02211		
731071.38	4055331.50	0.02186	731096.38	4052331.50	0.01448		
731096.38	4052356.50	0.01477	731096.38	4052381.50	0.01507		
731096.38	4052406.50	0.01537	731096.38	4052431.50	0.01567		
731096.38	4052456.50	0.01598	731096.38	4052481.50	0.01628		
731096.38	4052506.50	0.01657	731096.38	4052531.50	0.01686		
731096.38	4052556.50	0.01714	731096.38	4052581.50	0.01742		
731096.38	4052606.50	0.01769	731096.38	4052631.50	0.01797		
731096.38	4052656.50	0.01826	731096.38	4052681.50	0.01855		
731096.38	4052706.50	0.01885	731096.38	4052731.50	0.01917		
731096.38	4052756.50	0.01950	731096.38	4052781.50	0.01984		
731096.38	4052806.50	0.02018	731096.38	4052831.50	0.02052		
731096.38	4052856.50	0.02096	731096.38	4052881.50	0.02128		
731096.38	4052906.50	0.02159	731096.38	4052931.50	0.02189		
731096.38	4052956.50	0.02218	731096.38	4052981.50	0.02245		
731096.38	4053006.50	0.02272	731096.38	4053031.50	0.02298		
731096.38	4053056.50	0.02324	731096.38	4053081.50	0.02349		

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* *** PAGE 129

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
731096.38	4053106.50	0.02375	731096.38	4053131.50	0.02401		
731096.38	4053156.50	0.02428	731096.38	4053181.50	0.02456		
731096.38	4053206.50	0.02486	731096.38	4053231.50	0.02516		
731096.38	4053256.50	0.02548	731096.38	4053281.50	0.02582		
731096.38	4053306.50	0.02616	731096.38	4053331.50	0.02651		
731096.38	4053356.50	0.02686	731096.38	4053381.50	0.02722		
731096.38	4053406.50	0.02757	731096.38	4053431.50	0.02791		
731096.38	4053456.50	0.02824	731096.38	4053481.50	0.02855		
731096.38	4053506.50	0.02884	731096.38	4053531.50	0.02911		
731096.38	4053556.50	0.02937	731096.38	4053581.50	0.02961		

731096.38	4053606.50	0.02982	731096.38	4053631.50	0.03003
731096.38	4053656.50	0.03020	731096.38	4053681.50	0.03036
731096.38	4053706.50	0.03050	731096.38	4053731.50	0.03062
731096.38	4053756.50	0.03072	731096.38	4053781.50	0.03079
731096.38	4053806.50	0.03083	731096.38	4053831.50	0.03085
731096.38	4053856.50	0.03085	731096.38	4053881.50	0.03082
731096.38	4053906.50	0.03075	731096.38	4053931.50	0.03066
731096.38	4053956.50	0.03054	731096.38	4053981.50	0.03039
731096.38	4054006.50	0.03022	731096.38	4054031.50	0.03002
731096.38	4054056.50	0.02980	731096.38	4054081.50	0.02957
731096.38	4054106.50	0.02932	731096.38	4054131.50	0.02906
731096.38	4054156.50	0.02881	731096.38	4054181.50	0.02855
731096.38	4054206.50	0.02830	731096.38	4054231.50	0.02806
731096.38	4054256.50	0.02783	731096.38	4054281.50	0.02761
731096.38	4054306.50	0.02741	731096.38	4054331.50	0.02722
731096.38	4054356.50	0.02705	731096.38	4054381.50	0.02690
731096.38	4054406.50	0.02676	731096.38	4054431.50	0.02664
731096.38	4054456.50	0.02653	731096.38	4054481.50	0.02643
731096.38	4054506.50	0.02635	731096.38	4054531.50	0.02627
731096.38	4054556.50	0.02621	731096.38	4054581.50	0.02615
731096.38	4054606.50	0.02610	731096.38	4054631.50	0.02606
731096.38	4054656.50	0.02602	731096.38	4054681.50	0.02598
731096.38	4054706.50	0.02594	731096.38	4054731.50	0.02590
731096.38	4054756.50	0.02586	731096.38	4054781.50	0.02581
731096.38	4054806.50	0.02575	731096.38	4054831.50	0.02569
731096.38	4054856.50	0.02561	731096.38	4054881.50	0.02553
731096.38	4054906.50	0.02544	731096.38	4054931.50	0.02533
731096.38	4054956.50	0.02521	731096.38	4054981.50	0.02507
731096.38	4055006.50	0.02491	731096.38	4055031.50	0.02474
731096.38	4055056.50	0.02456	731096.38	4055081.50	0.02437

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731096.38	4055106.50	0.02416	731096.38	4055131.50	0.02395
731096.38	4055156.50	0.02372	731096.38	4055181.50	0.02349
731096.38	4055206.50	0.02325	731096.38	4055231.50	0.02300
731096.38	4055256.50	0.02275	731096.38	4055281.50	0.02250
731096.38	4055306.50	0.02225	731096.38	4055331.50	0.02199
731121.38	4052331.50	0.01463	731121.38	4052356.50	0.01491
731121.38	4052381.50	0.01522	731121.38	4052406.50	0.01552
731121.38	4052431.50	0.01583	731121.38	4052456.50	0.01614
731121.38	4052481.50	0.01645	731121.38	4052506.50	0.01675
731121.38	4052531.50	0.01705	731121.38	4052556.50	0.01734
731121.38	4052581.50	0.01762	731121.38	4052606.50	0.01791
731121.38	4052631.50	0.01820	731121.38	4052656.50	0.01849
731121.38	4052681.50	0.01879	731121.38	4052706.50	0.01910
731121.38	4052731.50	0.01943	731121.38	4052756.50	0.01977
731121.38	4052781.50	0.02011	731121.38	4052806.50	0.02047
731121.38	4052831.50	0.02093	731121.38	4052856.50	0.02127
731121.38	4052881.50	0.02160	731121.38	4052906.50	0.02193
731121.38	4052931.50	0.02224	731121.38	4052956.50	0.02254
731121.38	4052981.50	0.02283	731121.38	4053006.50	0.02311
731121.38	4053031.50	0.02338	731121.38	4053056.50	0.02364
731121.38	4053081.50	0.02391	731121.38	4053106.50	0.02417
731121.38	4053131.50	0.02445	731121.38	4053156.50	0.02473
731121.38	4053181.50	0.02502	731121.38	4053206.50	0.02532
731121.38	4053231.50	0.02564	731121.38	4053256.50	0.02597
731121.38	4053281.50	0.02631	731121.38	4053306.50	0.02666
731121.38	4053331.50	0.02702	731121.38	4053356.50	0.02739
731121.38	4053381.50	0.02775	731121.38	4053406.50	0.02811
731121.38	4053431.50	0.02846	731121.38	4053456.50	0.02879
731121.38	4053481.50	0.02911	731121.38	4053506.50	0.02941
731121.38	4053531.50	0.02968	731121.38	4053556.50	0.02994
731121.38	4053581.50	0.03018	731121.38	4053606.50	0.03040
731121.38	4053631.50	0.03059	731121.38	4053656.50	0.03077
731121.38	4053681.50	0.03093	731121.38	4053706.50	0.03106
731121.38	4053731.50	0.03118	731121.38	4053756.50	0.03127
731121.38	4053781.50	0.03134	731121.38	4053806.50	0.03138
731121.38	4053831.50	0.03139	731121.38	4053856.50	0.03138
731121.38	4053881.50	0.03134	731121.38	4053906.50	0.03127
731121.38	4053931.50	0.03116	731121.38	4053956.50	0.03103
731121.38	4053981.50	0.03088	731121.38	4054006.50	0.03068
731121.38	4054031.50	0.03048	731121.38	4054056.50	0.03025

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731121.38	4054081.50	0.03001	731121.38	4054106.50	0.02976
731121.38	4054131.50	0.02950	731121.38	4054156.50	0.02924
731121.38	4054181.50	0.02898	731121.38	4054206.50	0.02873
731121.38	4054231.50	0.02849	731121.38	4054256.50	0.02826
731121.38	4054281.50	0.02805	731121.38	4054306.50	0.02785
731121.38	4054331.50	0.02767	731121.38	4054356.50	0.02750
731121.38	4054381.50	0.02735	731121.38	4054406.50	0.02721
731121.38	4054431.50	0.02709	731121.38	4054456.50	0.02698
731121.38	4054481.50	0.02689	731121.38	4054506.50	0.02680
731121.38	4054531.50	0.02673	731121.38	4054556.50	0.02667
731121.38	4054581.50	0.02661	731121.38	4054606.50	0.02656
731121.38	4054631.50	0.02651	731121.38	4054656.50	0.02647
731121.38	4054681.50	0.02642	731121.38	4054706.50	0.02638
731121.38	4054731.50	0.02633	731121.38	4054756.50	0.02627
731121.38	4054781.50	0.02622	731121.38	4054806.50	0.02615
731121.38	4054831.50	0.02607	731121.38	4054856.50	0.02598
731121.38	4054881.50	0.02589	731121.38	4054906.50	0.02578

731121.38	4054931.50	0.02565	731121.38	4054956.50	0.02551
731121.38	4054981.50	0.02535	731121.38	4055006.50	0.02518
731121.38	4055031.50	0.02500	731121.38	4055056.50	0.02481
731121.38	4055081.50	0.02460	731121.38	4055106.50	0.02438
731121.38	4055131.50	0.02414	731121.38	4055156.50	0.02391
731121.38	4055181.50	0.02366	731121.38	4055206.50	0.02341
731121.38	4055231.50	0.02316	731121.38	4055256.50	0.02290
731121.38	4055281.50	0.02264	731121.38	4055306.50	0.02238
731121.38	4055331.50	0.02212	731146.38	4052331.50	0.01478
731146.38	4052356.50	0.01507	731146.38	4052381.50	0.01537
731146.38	4052406.50	0.01568	731146.38	4052431.50	0.01600
731146.38	4052456.50	0.01631	731146.38	4052481.50	0.01663
731146.38	4052506.50	0.01694	731146.38	4052531.50	0.01724
731146.38	4052556.50	0.01754	731146.38	4052581.50	0.01784
731146.38	4052606.50	0.01813	731146.38	4052631.50	0.01842
731146.38	4052656.50	0.01872	731146.38	4052681.50	0.01903
731146.38	4052706.50	0.01935	731146.38	4052731.50	0.01969
731146.38	4052756.50	0.02004	731146.38	4052781.50	0.02039
731146.38	4052806.50	0.02076	731146.38	4052831.50	0.02124
731146.38	4052856.50	0.02159	731146.38	4052881.50	0.02194
731146.38	4052906.50	0.02227	731146.38	4052931.50	0.02260
731146.38	4052956.50	0.02291	731146.38	4052981.50	0.02321
731146.38	4053006.50	0.02350	731146.38	4053031.50	0.02379

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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 *** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 132

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731146.38	4053056.50	0.02406	731146.38	4053081.50	0.02434
731146.38	4053106.50	0.02461	731146.38	4053131.50	0.02490
731146.38	4053156.50	0.02519	731146.38	4053181.50	0.02548
731146.38	4053206.50	0.02580	731146.38	4053231.50	0.02613
731146.38	4053256.50	0.02646	731146.38	4053281.50	0.02682
731146.38	4053306.50	0.02718	731146.38	4053331.50	0.02756
731146.38	4053356.50	0.02793	731146.38	4053381.50	0.02830
731146.38	4053406.50	0.02867	731146.38	4053431.50	0.02903
731146.38	4053456.50	0.02937	731146.38	4053481.50	0.02969
731146.38	4053506.50	0.02999	731146.38	4053531.50	0.03027
731146.38	4053556.50	0.03053	731146.38	4053581.50	0.03076
731146.38	4053606.50	0.03098	731146.38	4053631.50	0.03118
731146.38	4053656.50	0.03136	731146.38	4053681.50	0.03151
731146.38	4053706.50	0.03164	731146.38	4053731.50	0.03175
731146.38	4053756.50	0.03184	731146.38	4053781.50	0.03190
731146.38	4053806.50	0.03194	731146.38	4053831.50	0.03195
731146.38	4053856.50	0.03192	731146.38	4053881.50	0.03188
731146.38	4053906.50	0.03179	731146.38	4053931.50	0.03168
731146.38	4053956.50	0.03154	731146.38	4053981.50	0.03137
731146.38	4054006.50	0.03118	731146.38	4054031.50	0.03096
731146.38	4054056.50	0.03073	731146.38	4054081.50	0.03047
731146.38	4054106.50	0.03021	731146.38	4054131.50	0.02995
731146.38	4054156.50	0.02969	731146.38	4054181.50	0.02943
731146.38	4054206.50	0.02918	731146.38	4054231.50	0.02894
731146.38	4054256.50	0.02871	731146.38	4054281.50	0.02850
731146.38	4054306.50	0.02830	731146.38	4054331.50	0.02812
731146.38	4054356.50	0.02796	731146.38	4054381.50	0.02781
731146.38	4054406.50	0.02768	731146.38	4054431.50	0.02756
731146.38	4054456.50	0.02745	731146.38	4054481.50	0.02736
731146.38	4054506.50	0.02728	731146.38	4054531.50	0.02720
731146.38	4054556.50	0.02714	731146.38	4054581.50	0.02708
731146.38	4054606.50	0.02703	731146.38	4054631.50	0.02698
731146.38	4054656.50	0.02693	731146.38	4054681.50	0.02688
731146.38	4054706.50	0.02682	731146.38	4054731.50	0.02676
731146.38	4054756.50	0.02670	731146.38	4054781.50	0.02663
731146.38	4054806.50	0.02655	731146.38	4054831.50	0.02645
731146.38	4054856.50	0.02635	731146.38	4054881.50	0.02624
731146.38	4054906.50	0.02611	731146.38	4054931.50	0.02597
731146.38	4054956.50	0.02581	731146.38	4054981.50	0.02564
731146.38	4055006.50	0.02546	731146.38	4055031.50	0.02526

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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 *** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 133

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731146.38	4055056.50	0.02504	731146.38	4055081.50	0.02482
731146.38	4055106.50	0.02459	731146.38	4055131.50	0.02434
731146.38	4055156.50	0.02409	731146.38	4055181.50	0.02384
731146.38	4055206.50	0.02358	731146.38	4055231.50	0.02332
731146.38	4055256.50	0.02305	731146.38	4055281.50	0.02278
731146.38	4055306.50	0.02252	731146.38	4055331.50	0.02226
731171.38	4052331.50	0.01493	731171.38	4052356.50	0.01522
731171.38	4052381.50	0.01553	731171.38	4052406.50	0.01584
731171.38	4052431.50	0.01616	731171.38	4052456.50	0.01649
731171.38	4052481.50	0.01681	731171.38	4052506.50	0.01713
731171.38	4052531.50	0.01744	731171.38	4052556.50	0.01775
731171.38	4052581.50	0.01805	731171.38	4052606.50	0.01835
731171.38	4052631.50	0.01866	731171.38	4052656.50	0.01897
731171.38	4052681.50	0.01929	731171.38	4052706.50	0.01962
731171.38	4052731.50	0.01996	731171.38	4052756.50	0.02032
731171.38	4052781.50	0.02069	731171.38	4052806.50	0.02119
731171.38	4052831.50	0.02156	731171.38	4052856.50	0.02192
731171.38	4052881.50	0.02228	731171.38	4052906.50	0.02263
731171.38	4052931.50	0.02297	731171.38	4052956.50	0.02329
731171.38	4052981.50	0.02361	731171.38	4053006.50	0.02391
731171.38	4053031.50	0.02421	731171.38	4053056.50	0.02450
731171.38	4053081.50	0.02478	731171.38	4053106.50	0.02507
731171.38	4053131.50	0.02536	731171.38	4053156.50	0.02566
731171.38	4053181.50	0.02597	731171.38	4053206.50	0.02630

731171.38	4053231.50	0.02663	731171.38	4053256.50	0.02698
731171.38	4053281.50	0.02735	731171.38	4053306.50	0.02772
731171.38	4053331.50	0.02811	731171.38	4053356.50	0.02849
731171.38	4053381.50	0.02888	731171.38	4053406.50	0.02925
731171.38	4053431.50	0.02962	731171.38	4053456.50	0.02996
731171.38	4053481.50	0.03029	731171.38	4053506.50	0.03060
731171.38	4053531.50	0.03088	731171.38	4053556.50	0.03113
731171.38	4053581.50	0.03138	731171.38	4053606.50	0.03159
731171.38	4053631.50	0.03179	731171.38	4053656.50	0.03196
731171.38	4053681.50	0.03211	731171.38	4053706.50	0.03224
731171.38	4053731.50	0.03235	731171.38	4053756.50	0.03243
731171.38	4053781.50	0.03248	731171.38	4053806.50	0.03251
731171.38	4053831.50	0.03251	731171.38	4053856.50	0.03248
731171.38	4053881.50	0.03242	731171.38	4053906.50	0.03234
731171.38	4053931.50	0.03222	731171.38	4053956.50	0.03206
731171.38	4053981.50	0.03189	731171.38	4054006.50	0.03168

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731171.38	4054031.50	0.03146	731171.38	4054056.50	0.03121
731171.38	4054081.50	0.03095	731171.38	4054106.50	0.03068
731171.38	4054131.50	0.03042	731171.38	4054156.50	0.03015
731171.38	4054181.50	0.02989	731171.38	4054206.50	0.02964
731171.38	4054231.50	0.02940	731171.38	4054256.50	0.02918
731171.38	4054281.50	0.02897	731171.38	4054306.50	0.02878
731171.38	4054331.50	0.02860	731171.38	4054356.50	0.02844
731171.38	4054381.50	0.02829	731171.38	4054406.50	0.02816
731171.38	4054431.50	0.02804	731171.38	4054456.50	0.02794
731171.38	4054481.50	0.02785	731171.38	4054506.50	0.02777
731171.38	4054531.50	0.02769	731171.38	4054556.50	0.02762
731171.38	4054581.50	0.02756	731171.38	4054606.50	0.02750
731171.38	4054631.50	0.02745	731171.38	4054656.50	0.02739
731171.38	4054681.50	0.02733	731171.38	4054706.50	0.02727
731171.38	4054731.50	0.02720	731171.38	4054756.50	0.02713
731171.38	4054781.50	0.02704	731171.38	4054806.50	0.02695
731171.38	4054831.50	0.02684	731171.38	4054856.50	0.02672
731171.38	4054881.50	0.02659	731171.38	4054906.50	0.02644
731171.38	4054931.50	0.02628	731171.38	4054956.50	0.02611
731171.38	4054981.50	0.02592	731171.38	4055006.50	0.02572
731171.38	4055031.50	0.02551	731171.38	4055056.50	0.02528
731171.38	4055081.50	0.02504	731171.38	4055106.50	0.02479
731171.38	4055131.50	0.02454	731171.38	4055156.50	0.02427
731171.38	4055181.50	0.02401	731171.38	4055206.50	0.02374
731171.38	4055231.50	0.02347	731171.38	4055256.50	0.02320
731171.38	4055281.50	0.02293	731171.38	4055306.50	0.02266
731171.38	4055331.50	0.02239	731196.38	4052331.50	0.01510
731196.38	4052356.50	0.01538	731196.38	4052381.50	0.01569
731196.38	4052406.50	0.01601	731196.38	4052431.50	0.01634
731196.38	4052456.50	0.01667	731196.38	4052481.50	0.01700
731196.38	4052506.50	0.01732	731196.38	4052531.50	0.01764
731196.38	4052556.50	0.01796	731196.38	4052581.50	0.01828
731196.38	4052606.50	0.01859	731196.38	4052631.50	0.01890
731196.38	4052656.50	0.01921	731196.38	4052681.50	0.01954
731196.38	4052706.50	0.01988	731196.38	4052731.50	0.02024
731196.38	4052756.50	0.02060	731196.38	4052781.50	0.02098
731196.38	4052806.50	0.02150	731196.38	4052831.50	0.02188
731196.38	4052856.50	0.02226	731196.38	4052881.50	0.02263
731196.38	4052906.50	0.02299	731196.38	4052931.50	0.02335
731196.38	4052956.50	0.02369	731196.38	4052981.50	0.02402

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731196.38	4053006.50	0.02433	731196.38	4053031.50	0.02464
731196.38	4053056.50	0.02494	731196.38	4053081.50	0.02524
731196.38	4053106.50	0.02554	731196.38	4053131.50	0.02584
731196.38	4053156.50	0.02615	731196.38	4053181.50	0.02648
731196.38	4053206.50	0.02681	731196.38	4053231.50	0.02716
731196.38	4053256.50	0.02752	731196.38	4053281.50	0.02790
731196.38	4053306.50	0.02829	731196.38	4053331.50	0.02868
731196.38	4053356.50	0.02908	731196.38	4053381.50	0.02947
731196.38	4053406.50	0.02985	731196.38	4053431.50	0.03023
731196.38	4053456.50	0.03058	731196.38	4053481.50	0.03091
731196.38	4053506.50	0.03122	731196.38	4053531.50	0.03150
731196.38	4053556.50	0.03177	731196.38	4053581.50	0.03200
731196.38	4053606.50	0.03222	731196.38	4053631.50	0.03241
731196.38	4053656.50	0.03258	731196.38	4053681.50	0.03273
731196.38	4053706.50	0.03286	731196.38	4053731.50	0.03296
731196.38	4053756.50	0.03303	731196.38	4053781.50	0.03309
731196.38	4053806.50	0.03311	731196.38	4053831.50	0.03310
731196.38	4053856.50	0.03306	731196.38	4053881.50	0.03299
731196.38	4053906.50	0.03289	731196.38	4053931.50	0.03276
731196.38	4053956.50	0.03260	731196.38	4053981.50	0.03242
731196.38	4054006.50	0.03220	731196.38	4054031.50	0.03197
731196.38	4054056.50	0.03171	731196.38	4054081.50	0.03144
731196.38	4054106.50	0.03118	731196.38	4054131.50	0.03090
731196.38	4054156.50	0.03063	731196.38	4054181.50	0.03037
731196.38	4054206.50	0.03013	731196.38	4054231.50	0.02989
731196.38	4054256.50	0.02966	731196.38	4054281.50	0.02946
731196.38	4054306.50	0.02927	731196.38	4054331.50	0.02910
731196.38	4054356.50	0.02894	731196.38	4054381.50	0.02879
731196.38	4054406.50	0.02866	731196.38	4054431.50	0.02855
731196.38	4054456.50	0.02844	731196.38	4054481.50	0.02835
731196.38	4054506.50	0.02827	731196.38	4054531.50	0.02819

731196.38	4054781.50	0.02745	731196.38	4054806.50	0.02734
731196.38	4054831.50	0.02722	731196.38	4054856.50	0.02708
731196.38	4054881.50	0.02693	731196.38	4054906.50	0.02677
731196.38	4054931.50	0.02659	731196.38	4054956.50	0.02640
731196.38	4054981.50	0.02620	731196.38	4055006.50	0.02598
731196.38	4055031.50	0.02575	731196.38	4055056.50	0.02551
731196.38	4055081.50	0.02526	731196.38	4055106.50	0.02500
731196.38	4055131.50	0.02473	731196.38	4055156.50	0.02446
731196.38	4055181.50	0.02419	731196.38	4055206.50	0.02391

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731196.38	4055231.50	0.02363	731196.38	4055256.50	0.02335
731196.38	4055281.50	0.02308	731196.38	4055306.50	0.02280
731196.38	4055331.50	0.02253	731221.38	4052331.50	0.01526
731221.38	4052356.50	0.01555	731221.38	4052381.50	0.01586
731221.38	4052406.50	0.01619	731221.38	4052431.50	0.01652
731221.38	4052456.50	0.01685	731221.38	4052481.50	0.01719
731221.38	4052506.50	0.01752	731221.38	4052531.50	0.01785
731221.38	4052556.50	0.01818	731221.38	4052581.50	0.01850
731221.38	4052606.50	0.01882	731221.38	4052631.50	0.01915
731221.38	4052656.50	0.01947	731221.38	4052681.50	0.01981
731221.38	4052706.50	0.02016	731221.38	4052731.50	0.02052
731221.38	4052756.50	0.02090	731221.38	4052781.50	0.02143
731221.38	4052806.50	0.02183	731221.38	4052831.50	0.02222
731221.38	4052856.50	0.02261	731221.38	4052881.50	0.02299
731221.38	4052906.50	0.02337	731221.38	4052931.50	0.02374
731221.38	4052956.50	0.02409	731221.38	4052981.50	0.02444
731221.38	4053006.50	0.02477	731221.38	4053031.50	0.02509
731221.38	4053056.50	0.02541	731221.38	4053081.50	0.02572
731221.38	4053106.50	0.02603	731221.38	4053131.50	0.02634
731221.38	4053156.50	0.02666	731221.38	4053181.50	0.02700
731221.38	4053206.50	0.02734	731221.38	4053231.50	0.02770
731221.38	4053256.50	0.02808	731221.38	4053281.50	0.02847
731221.38	4053306.50	0.02887	731221.38	4053331.50	0.02927
731221.38	4053356.50	0.02968	731221.38	4053381.50	0.03008
731221.38	4053406.50	0.03048	731221.38	4053431.50	0.03086
731221.38	4053456.50	0.03122	731221.38	4053481.50	0.03155
731221.38	4053506.50	0.03186	731221.38	4053531.50	0.03215
731221.38	4053556.50	0.03241	731221.38	4053581.50	0.03265
731221.38	4053606.50	0.03287	731221.38	4053631.50	0.03306
731221.38	4053706.50	0.03323	731221.38	4053681.50	0.03337
731221.38	4053756.50	0.03350	731221.38	4053731.50	0.03359
731221.38	4053781.50	0.03366	731221.38	4053781.50	0.03371
731221.38	4053956.50	0.03316	731221.38	4053981.50	0.03296
731221.38	4054006.50	0.03274	731221.38	4054031.50	0.03250
731221.38	4054056.50	0.03223	731221.38	4054781.50	0.02787
731221.38	4054806.50	0.02774	731221.38	4054831.50	0.02760
731221.38	4054856.50	0.02744	731221.38	4054881.50	0.02728
731221.38	4054906.50	0.02710	731221.38	4054931.50	0.02690
731221.38	4054956.50	0.02669	731221.38	4054981.50	0.02647
731221.38	4055006.50	0.02624	731221.38	4055031.50	0.02599

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731221.38	4055056.50	0.02573	731221.38	4055081.50	0.02547
731221.38	4055106.50	0.02520	731221.38	4055131.50	0.02492
731221.38	4055156.50	0.02464	731221.38	4055181.50	0.02436
731221.38	4055206.50	0.02407	731221.38	4055231.50	0.02379
731221.38	4055256.50	0.02350	731221.38	4055281.50	0.02322
731221.38	4055306.50	0.02295	731221.38	4055331.50	0.02268
731246.38	4052331.50	0.01544	731246.38	4052356.50	0.01573
731246.38	4052381.50	0.01604	731246.38	4052406.50	0.01637
731246.38	4052431.50	0.01670	731246.38	4052456.50	0.01705
731246.38	4052481.50	0.01739	731246.38	4052506.50	0.01773
731246.38	4052531.50	0.01807	731246.38	4052556.50	0.01841
731246.38	4052581.50	0.01874	731246.38	4052606.50	0.01907
731246.38	4052631.50	0.01940	731246.38	4052656.50	0.01973
731246.38	4052681.50	0.02008	731246.38	4052706.50	0.02044
731246.38	4052731.50	0.02081	731246.38	4052756.50	0.02135
731246.38	4052781.50	0.02175	731246.38	4052806.50	0.02215
731246.38	4052831.50	0.02256	731246.38	4052856.50	0.02297
731246.38	4052881.50	0.02337	731246.38	4052906.50	0.02376
731246.38	4052931.50	0.02414	731246.38	4052956.50	0.02451
731246.38	4052981.50	0.02487	731246.38	4053006.50	0.02522
731246.38	4053031.50	0.02555	731246.38	4053056.50	0.02588
731246.38	4053081.50	0.02621	731246.38	4053106.50	0.02653
731246.38	4053131.50	0.02686	731246.38	4053156.50	0.02720
731246.38	4053181.50	0.02754	731246.38	4053956.50	0.03373
731246.38	4053981.50	0.03352	731246.38	4054006.50	0.03329
731246.38	4054031.50	0.03304	731246.38	4054056.50	0.03276
731246.38	4054781.50	0.02829	731246.38	4054806.50	0.02814
731246.38	4054831.50	0.02798	731246.38	4054856.50	0.02781
731246.38	4054881.50	0.02762	731246.38	4054906.50	0.02742
731246.38	4054931.50	0.02720	731246.38	4054956.50	0.02698
731246.38	4054981.50	0.02674	731246.38	4055006.50	0.02649
731246.38	4055031.50	0.02623	731246.38	4055056.50	0.02596
731246.38	4055081.50	0.02568	731246.38	4055106.50	0.02540
731246.38	4055131.50	0.02511	731246.38	4055156.50	0.02483
731246.38	4055181.50	0.02453	731246.38	4055206.50	0.02424
731246.38	4055231.50	0.02395	731246.38	4055256.50	0.02366
731246.38	4055281.50	0.02338	731246.38	4055306.50	0.02310
731246.38	4055331.50	0.02283	731271.38	4052331.50	0.01563

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731271.38 4052356.50 0.01592 731271.38 4052381.50 0.01623
731271.38 4052406.50 0.01656 731271.38 4052431.50 0.01690

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* *** PAGE 138

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731271.38 4052456.50 0.01725 731271.38 4052481.50 0.01760
731271.38 4052506.50 0.01795 731271.38 4052531.50 0.01830
731271.38 4052556.50 0.01864 731271.38 4052581.50 0.01898
731271.38 4052606.50 0.01932 731271.38 4052631.50 0.01966
731271.38 4052656.50 0.02001 731271.38 4052681.50 0.02036
731271.38 4052706.50 0.02073 731271.38 4052731.50 0.02111
731271.38 4052756.50 0.02167 731271.38 4052781.50 0.02208
731271.38 4052806.50 0.02250 731271.38 4053981.50 0.03410
731271.38 4054006.50 0.03386 731271.38 4054031.50 0.03360
731271.38 4054056.50 0.03333 731271.38 4054781.50 0.02870
731271.38 4054806.50 0.02854 731271.38 4054831.50 0.02836
731271.38 4054856.50 0.02817 731271.38 4054881.50 0.02797
731271.38 4054906.50 0.02774 731271.38 4054931.50 0.02751
731271.38 4054956.50 0.02726 731271.38 4054981.50 0.02701
731271.38 4055006.50 0.02674 731271.38 4055031.50 0.02647
731271.38 4055056.50 0.02618 731271.38 4055081.50 0.02590
731271.38 4055106.50 0.02560 731271.38 4055131.50 0.02530
731271.38 4055156.50 0.02501 731271.38 4055181.50 0.02471
731271.38 4055206.50 0.02441 731271.38 4055231.50 0.02411
731271.38 4055256.50 0.02382 731271.38 4055281.50 0.02354
731271.38 4055306.50 0.02326 731271.38 4055331.50 0.02299
731296.38 4052331.50 0.01583 731296.38 4052356.50 0.01612
731296.38 4052381.50 0.01643 731296.38 4052406.50 0.01676
731296.38 4052431.50 0.01710 731296.38 4052456.50 0.01746
731296.38 4052481.50 0.01781 731296.38 4052506.50 0.01817
731296.38 4052531.50 0.01853 731296.38 4052556.50 0.01888
731296.38 4052581.50 0.01923 731296.38 4052606.50 0.01958
731296.38 4052631.50 0.01993 731296.38 4052656.50 0.02029
731296.38 4052681.50 0.02065 731296.38 4052706.50 0.02103
731296.38 4052731.50 0.02158 731296.38 4052756.50 0.02199
731296.38 4052781.50 0.02242 731296.38 4052806.50 0.02285
731296.38 4053981.50 0.03470 731296.38 4054006.50 0.03445
731296.38 4054031.50 0.03419 731296.38 4054056.50 0.03390
731296.38 4054781.50 0.02912 731296.38 4054806.50 0.02893
731296.38 4054831.50 0.02873 731296.38 4054856.50 0.02852
731296.38 4054881.50 0.02830 731296.38 4054906.50 0.02806
731296.38 4054931.50 0.02781 731296.38 4054956.50 0.02755
731296.38 4054981.50 0.02728 731296.38 4055006.50 0.02699
731296.38 4055031.50 0.02670 731296.38 4055056.50 0.02641
731296.38 4055081.50 0.02611 731296.38 4055106.50 0.02581

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* *** PAGE 139

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731296.38 4055131.50 0.02549 731296.38 4055156.50 0.02519
731296.38 4055181.50 0.02489 731296.38 4055206.50 0.02458
731296.38 4055231.50 0.02429 731296.38 4055256.50 0.02399
731296.38 4055281.50 0.02371 731296.38 4055306.50 0.02343
731296.38 4055331.50 0.02315 731321.38 4052331.50 0.01604
731321.38 4052356.50 0.01632 731321.38 4052381.50 0.01663
731321.38 4052406.50 0.01697 731321.38 4052431.50 0.01731
731321.38 4052456.50 0.01767 731321.38 4052481.50 0.01804
731321.38 4052506.50 0.01841 731321.38 4052531.50 0.01877
731321.38 4052556.50 0.01913 731321.38 4052581.50 0.01949
731321.38 4052606.50 0.01985 731321.38 4052631.50 0.02021
731321.38 4052656.50 0.02058 731321.38 4052681.50 0.02095
731321.38 4052706.50 0.02134 731321.38 4052731.50 0.02190
731321.38 4052756.50 0.02233 731321.38 4052781.50 0.02277
731321.38 4052806.50 0.02321 731321.38 4053981.50 0.03533
731321.38 4054006.50 0.03507 731321.38 4054031.50 0.03480
731321.38 4054056.50 0.03451 731321.38 4054781.50 0.02953
731321.38 4054806.50 0.02933 731321.38 4054831.50 0.02911
731321.38 4054856.50 0.02888 731321.38 4054881.50 0.02864
731321.38 4054906.50 0.02838 731321.38 4054931.50 0.02811
731321.38 4054956.50 0.02784 731321.38 4054981.50 0.02754
731321.38 4055006.50 0.02724 731321.38 4055031.50 0.02694
731321.38 4055056.50 0.02663 731321.38 4055081.50 0.02632
731321.38 4055106.50 0.02601 731321.38 4055131.50 0.02569
731321.38 4055156.50 0.02538 731321.38 4055181.50 0.02507
731321.38 4055206.50 0.02477 731321.38 4055231.50 0.02447
731321.38 4055256.50 0.02417 731321.38 4055281.50 0.02388
731321.38 4055306.50 0.02359 731321.38 4055331.50 0.02332
731346.38 4052331.50 0.01626 731346.38 4052356.50 0.01655
731346.38 4052381.50 0.01685 731346.38 4052406.50 0.01718
731346.38 4052431.50 0.01754 731346.38 4052456.50 0.01790
731346.38 4052481.50 0.01827 731346.38 4052506.50 0.01865
731346.38 4052531.50 0.01902 731346.38 4052556.50 0.01939
731346.38 4052581.50 0.01976 731346.38 4052606.50 0.02013
731346.38 4052631.50 0.02050 731346.38 4052656.50 0.02088
731346.38 4052681.50 0.02126 731346.38 4052706.50 0.02181
731346.38 4052731.50 0.02224 731346.38 4052756.50 0.02267
731346.38 4052781.50 0.02313 731346.38 4052806.50 0.02359
731346.38 4053981.50 0.03597 731346.38 4054006.50 0.03571
731346.38 4054031.50 0.03543 731346.38 4054056.50 0.03514

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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731346.38	4054781.50	0.02994	731346.38	4054806.50	0.02972
731346.38	4054831.50	0.02948	731346.38	4054856.50	0.02923
731346.38	4054881.50	0.02897	731346.38	4054906.50	0.02869
731346.38	4054931.50	0.02840	731346.38	4054956.50	0.02811
731346.38	4054981.50	0.02780	731346.38	4055006.50	0.02749
731346.38	4055031.50	0.02718	731346.38	4055056.50	0.02685
731346.38	4055081.50	0.02653	731346.38	4055106.50	0.02621
731346.38	4055131.50	0.02589	731346.38	4055156.50	0.02558
731346.38	4055181.50	0.02526	731346.38	4055206.50	0.02495
731346.38	4055231.50	0.02464	731346.38	4055256.50	0.02434
731346.38	4055281.50	0.02405	731346.38	4055306.50	0.02377
731346.38	4055331.50	0.02349	731371.38	4052331.50	0.01649
731371.38	4052356.50	0.01678	731371.38	4052381.50	0.01708
731371.38	4052406.50	0.01742	731371.38	4052431.50	0.01777
731371.38	4052456.50	0.01813	731371.38	4052481.50	0.01852
731371.38	4052506.50	0.01890	731371.38	4052531.50	0.01928
731371.38	4052556.50	0.01966	731371.38	4052581.50	0.02004
731371.38	4052606.50	0.02042	731371.38	4052631.50	0.02080
731371.38	4052656.50	0.02118	731371.38	4052681.50	0.02171
731371.38	4052706.50	0.02214	731371.38	4052731.50	0.02258
731371.38	4052756.50	0.02303	731371.38	4052781.50	0.02350
731371.38	4052806.50	0.02397	731371.38	4053981.50	0.03664
731371.38	4054006.50	0.03637	731371.38	4054031.50	0.03609
731371.38	4054056.50	0.03580	731371.38	4054781.50	0.03035
731371.38	4054806.50	0.03011	731371.38	4054831.50	0.02985
731371.38	4054856.50	0.02958	731371.38	4054881.50	0.02930
731371.38	4054906.50	0.02900	731371.38	4054931.50	0.02871
731371.38	4054956.50	0.02839	731371.38	4054981.50	0.02807
731371.38	4055006.50	0.02775	731371.38	4055031.50	0.02741
731371.38	4055056.50	0.02708	731371.38	4055081.50	0.02675
731371.38	4055106.50	0.02642	731371.38	4055131.50	0.02609
731371.38	4055156.50	0.02577	731371.38	4055181.50	0.02545
731371.38	4055206.50	0.02514	731371.38	4055231.50	0.02483
731371.38	4055256.50	0.02453	731371.38	4055281.50	0.02423
731371.38	4055306.50	0.02394	731371.38	4055331.50	0.02366
731396.38	4052331.50	0.01674	731396.38	4052356.50	0.01702
731396.38	4052381.50	0.01733	731396.38	4052406.50	0.01766
731396.38	4052431.50	0.01802	731396.38	4052456.50	0.01838
731396.38	4052481.50	0.01877	731396.38	4052506.50	0.01916
731396.38	4052531.50	0.01955	731396.38	4052556.50	0.01994

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731396.38	4052581.50	0.02033	731396.38	4052606.50	0.02072
731396.38	4052631.50	0.02111	731396.38	4052656.50	0.02151
731396.38	4052681.50	0.02205	731396.38	4052706.50	0.02249
731396.38	4052731.50	0.02294	731396.38	4052756.50	0.02340
731396.38	4052781.50	0.02388	731396.38	4052806.50	0.02437
731396.38	4053981.50	0.03734	731396.38	4054006.50	0.03706
731396.38	4054031.50	0.03677	731396.38	4054056.50	0.03647
731396.38	4054781.50	0.03077	731396.38	4054806.50	0.03050
731396.38	4054831.50	0.03022	731396.38	4054856.50	0.02993
731396.38	4054881.50	0.02964	731396.38	4054906.50	0.02932
731396.38	4054931.50	0.02901	731396.38	4054956.50	0.02867
731396.38	4054981.50	0.02834	731396.38	4055006.50	0.02799
731396.38	4055031.50	0.02766	731396.38	4055056.50	0.02731
731396.38	4055081.50	0.02697	731396.38	4055106.50	0.02664
731396.38	4055131.50	0.02630	731396.38	4055156.50	0.02597
731396.38	4055181.50	0.02564	731396.38	4055206.50	0.02533
731396.38	4055231.50	0.02502	731396.38	4055256.50	0.02471
731396.38	4055281.50	0.02441	731396.38	4055306.50	0.02412
731396.38	4055331.50	0.02384	731421.38	4052331.50	0.01700
731421.38	4052356.50	0.01728	731421.38	4052381.50	0.01759
731421.38	4052406.50	0.01792	731421.38	4052431.50	0.01828
731421.38	4052456.50	0.01865	731421.38	4052481.50	0.01904
731421.38	4052506.50	0.01943	731421.38	4052531.50	0.01983
731421.38	4052556.50	0.02023	731421.38	4052581.50	0.02063
731421.38	4052606.50	0.02103	731421.38	4052631.50	0.02143
731421.38	4052656.50	0.02184	731421.38	4052681.50	0.02239
731421.38	4052706.50	0.02264	731421.38	4052731.50	0.02331
731421.38	4052756.50	0.02349	731421.38	4052781.50	0.02428
731421.38	4052806.50	0.02437	731421.38	4053981.50	0.03807
731421.38	4054006.50	0.03779	731421.38	4054031.50	0.03749
731421.38	4054056.50	0.03718	731421.38	4054781.50	0.03117
731421.38	4054806.50	0.03089	731421.38	4054831.50	0.03059
731421.38	4054856.50	0.03028	731421.38	4054881.50	0.02997
731421.38	4054906.50	0.02964	731421.38	4054931.50	0.02930
731421.38	4054956.50	0.02895	731421.38	4054981.50	0.02860
731421.38	4055006.50	0.02825	731421.38	4055031.50	0.02790
731421.38	4055056.50	0.02755	731421.38	4055081.50	0.02719
731421.38	4055106.50	0.02685	731421.38	4055131.50	0.02651
731421.38	4055156.50	0.02618	731421.38	4055181.50	0.02585
731421.38	4055206.50	0.02552	731421.38	4055231.50	0.02520

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731421.38	4055256.50	0.02490	731421.38	4055281.50	0.02460
731421.38	4055306.50	0.02430	731421.38	4055331.50	0.02402
731446.38	4052331.50	0.01729	731446.38	4052356.50	0.01756
731446.38	4052381.50	0.01787	731446.38	4052406.50	0.01821
731446.38	4052431.50	0.01857	731446.38	4052456.50	0.01893
731446.38	4052481.50	0.01931	731446.38	4052506.50	0.01971
731446.38	4052531.50	0.02012	731446.38	4052556.50	0.02053
731446.38	4052581.50	0.02094	731446.38	4052606.50	0.02135
731446.38	4052631.50	0.02177	731446.38	4052656.50	0.02230
731446.38	4052681.50	0.02275	731446.38	4052706.50	0.02321
731446.38	4052731.50	0.02369	731446.38	4052756.50	0.02419
731446.38	4052781.50	0.02470	731446.38	4052806.50	0.02522
731446.38	4053981.50	0.03883	731446.38	4054006.50	0.03854
731446.38	4054031.50	0.03823	731446.38	4054056.50	0.03792
731446.38	4054781.50	0.03158	731446.38	4054806.50	0.03127
731446.38	4054831.50	0.03096	731446.38	4054856.50	0.03063
731446.38	4054881.50	0.03030	731446.38	4054906.50	0.02995
731446.38	4054931.50	0.02959	731446.38	4054956.50	0.02923
731446.38	4054981.50	0.02887	731446.38	4055006.50	0.02850
731446.38	4055031.50	0.02814	731446.38	4055056.50	0.02778
731446.38	4055081.50	0.02742	731446.38	4055106.50	0.02707
731446.38	4055131.50	0.02673	731446.38	4055156.50	0.02638
731446.38	4055181.50	0.02605	731446.38	4055206.50	0.02572
731446.38	4055231.50	0.02540	731446.38	4055256.50	0.02509
731446.38	4055281.50	0.02478	731446.38	4055306.50	0.02448
731446.38	4055331.50	0.02419	731471.38	4052331.50	0.01758
731471.38	4052356.50	0.01785	731471.38	4052381.50	0.01817
731471.38	4052406.50	0.01851	731471.38	4052431.50	0.01897
731471.38	4052456.50	0.01923	731471.38	4052481.50	0.01961
731471.38	4052506.50	0.02001	731471.38	4052531.50	0.02043
731471.38	4052556.50	0.02085	731471.38	4052581.50	0.02127
731471.38	4052606.50	0.02169	731471.38	4052631.50	0.02220
731471.38	4052656.50	0.02266	731471.38	4052681.50	0.02312
731471.38	4052706.50	0.02360	731471.38	4052731.50	0.02409
731471.38	4052756.50	0.02460	731471.38	4052781.50	0.02513
731471.38	4052806.50	0.02567	731471.38	4053981.50	0.03963
731471.38	4054006.50	0.03932	731471.38	4054031.50	0.03901
731471.38	4054056.50	0.03869	731471.38	4054781.50	0.03198
731471.38	4054806.50	0.03165	731471.38	4054831.50	0.03132
731471.38	4054856.50	0.03097	731471.38	4054881.50	0.03061

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731471.38	4054906.50	0.03025	731471.38	4054931.50	0.02988
731471.38	4054956.50	0.02951	731471.38	4054981.50	0.02913
731471.38	4055006.50	0.02876	731471.38	4055031.50	0.02838
731471.38	4055056.50	0.02801	731471.38	4055081.50	0.02765
731471.38	4055106.50	0.02729	731471.38	4055131.50	0.02694
731471.38	4055156.50	0.02659	731471.38	4055181.50	0.02626
731471.38	4055206.50	0.02592	731471.38	4055231.50	0.02560
731471.38	4055256.50	0.02528	731471.38	4055281.50	0.02497
731471.38	4055306.50	0.02467	731471.38	4055331.50	0.02437
731496.38	4052331.50	0.01789	731496.38	4052356.50	0.01817
731496.38	4052381.50	0.01848	731496.38	4052406.50	0.01881
731496.38	4052431.50	0.01928	731496.38	4052456.50	0.01954
731496.38	4052481.50	0.01991	731496.38	4052506.50	0.02032
731496.38	4052531.50	0.02075	731496.38	4052556.50	0.02118
731496.38	4052581.50	0.02161	731496.38	4052606.50	0.02204
731496.38	4052631.50	0.02257	731496.38	4052656.50	0.02303
731496.38	4052681.50	0.02351	731496.38	4052706.50	0.02400
731496.38	4052731.50	0.02451	731496.38	4052756.50	0.02503
731496.38	4052781.50	0.02557	731496.38	4052806.50	0.02613
731496.38	4053981.50	0.04046	731496.38	4054006.50	0.04014
731496.38	4054031.50	0.03982	731496.38	4054056.50	0.03950
731496.38	4054806.50	0.03203	731496.38	4054831.50	0.03167
731496.38	4054856.50	0.03131	731496.38	4054881.50	0.03093
731496.38	4054906.50	0.03055	731496.38	4054931.50	0.03017
731496.38	4054956.50	0.02978	731496.38	4054981.50	0.02940
731496.38	4055006.50	0.02901	731496.38	4055031.50	0.02863
731496.38	4055056.50	0.02825	731496.38	4055081.50	0.02788
731496.38	4055106.50	0.02752	731496.38	4055131.50	0.02716
731496.38	4055156.50	0.02680	731496.38	4055181.50	0.02646
731496.38	4055206.50	0.02612	731496.38	4055231.50	0.02579
731496.38	4055256.50	0.02547	731496.38	4055281.50	0.02516
731496.38	4055306.50	0.02485	731496.38	4055331.50	0.02454
731521.38	4052331.50	0.01822	731521.38	4052356.50	0.01849
731521.38	4052381.50	0.01880	731521.38	4052406.50	0.01913
731521.38	4052431.50	0.01960	731521.38	4052456.50	0.01996
731521.38	4052481.50	0.02024	731521.38	4052506.50	0.02065
731521.38	4052531.50	0.02108	731521.38	4052556.50	0.02152
731521.38	4052581.50	0.02197	731521.38	4052606.50	0.02241
731521.38	4052631.50	0.02295	731521.38	4052656.50	0.02343
731521.38	4052681.50	0.02392	731521.38	4052706.50	0.02442

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731521.38	4052731.50	0.02494	731521.38	4052756.50	0.02548
731521.38	4052781.50	0.02604	731521.38	4052806.50	0.02661
731521.38	4053981.50	0.04132	731521.38	4054006.50	0.04100
731521.38	4054031.50	0.04067	731521.38	4054056.50	0.04034

731521.38	4054806.50	0.03240	731521.38	4054831.50	0.03203
731521.38	4054856.50	0.03164	731521.38	4054881.50	0.03125
731521.38	4054906.50	0.03086	731521.38	4054931.50	0.03046
731521.38	4054956.50	0.03006	731521.38	4054981.50	0.02967
731521.38	4055006.50	0.02927	731521.38	4055031.50	0.02888
731521.38	4055056.50	0.02850	731521.38	4055081.50	0.02811
731521.38	4055106.50	0.02774	731521.38	4055131.50	0.02738
731521.38	4055156.50	0.02702	731521.38	4055181.50	0.02667
731521.38	4055206.50	0.02633	731521.38	4055231.50	0.02599
731521.38	4055256.50	0.02566	731521.38	4055281.50	0.02534
731521.38	4055306.50	0.02502	731521.38	4055331.50	0.02471
731546.38	4052331.50	0.01857	731546.38	4052356.50	0.01883
731546.38	4052381.50	0.01913	731546.38	4052406.50	0.01946
731546.38	4052431.50	0.01994	731546.38	4052456.50	0.02030
731546.38	4052481.50	0.02058	731546.38	4052506.50	0.02099
731546.38	4052531.50	0.02143	731546.38	4052556.50	0.02188
731546.38	4052581.50	0.02234	731546.38	4052606.50	0.02287
731546.38	4052631.50	0.02335	731546.38	4052656.50	0.02384
731546.38	4052681.50	0.02434	731546.38	4052706.50	0.02486
731546.38	4052731.50	0.02539	731546.38	4052756.50	0.02595
731546.38	4052781.50	0.02652	731546.38	4052806.50	0.02711
731546.38	4053981.50	0.04222	731546.38	4054006.50	0.04189
731546.38	4054031.50	0.04155	731546.38	4054056.50	0.04121
731546.38	4054806.50	0.03278	731546.38	4054831.50	0.03238
731546.38	4054856.50	0.03198	731546.38	4054881.50	0.03157
731546.38	4054906.50	0.03116	731546.38	4054931.50	0.03075
731546.38	4054956.50	0.03034	731546.38	4054981.50	0.02994
731546.38	4055006.50	0.02953	731546.38	4055031.50	0.02913
731546.38	4055056.50	0.02874	731546.38	4055081.50	0.02835
731546.38	4055106.50	0.02797	731546.38	4055131.50	0.02760
731546.38	4055156.50	0.02723	731546.38	4055181.50	0.02687
731546.38	4055206.50	0.02652	731546.38	4055231.50	0.02618
731546.38	4055256.50	0.02584	731546.38	4055281.50	0.02551
731546.38	4055306.50	0.02519	731546.38	4055331.50	0.02487
731571.38	4052331.50	0.01893	731571.38	4052356.50	0.01920
731571.38	4052381.50	0.01949	731571.38	4052406.50	0.01982

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731571.38	4052431.50	0.02030	731571.38	4052456.50	0.02066
731571.38	4052481.50	0.02094	731571.38	4052506.50	0.02136
731571.38	4052531.50	0.02180	731571.38	4052556.50	0.02226
731571.38	4052581.50	0.02280	731571.38	4052606.50	0.02327
731571.38	4052631.50	0.02376	731571.38	4052656.50	0.02427
731571.38	4052681.50	0.02478	731571.38	4052706.50	0.02531
731571.38	4052731.50	0.02586	731571.38	4052756.50	0.02643
731571.38	4052781.50	0.02702	731571.38	4052806.50	0.02764
731571.38	4052831.50	0.02827	731571.38	4053981.50	0.04317
731571.38	4054006.50	0.04282	731571.38	4054031.50	0.04248
731571.38	4054056.50	0.04213	731571.38	4054806.50	0.03315
731571.38	4054831.50	0.03274	731571.38	4054856.50	0.03232
731571.38	4054881.50	0.03189	731571.38	4054906.50	0.03147
731571.38	4054931.50	0.03105	731571.38	4054956.50	0.03062
731571.38	4054981.50	0.03021	731571.38	4055006.50	0.02979
731571.38	4055031.50	0.02939	731571.38	4055056.50	0.02898
731571.38	4055081.50	0.02859	731571.38	4055106.50	0.02820
731571.38	4055131.50	0.02782	731571.38	4055156.50	0.02745
731571.38	4055181.50	0.02708	731571.38	4055206.50	0.02672
731571.38	4055231.50	0.02637	731571.38	4055256.50	0.02602
731571.38	4055281.50	0.02568	731571.38	4055306.50	0.02534
731571.38	4055331.50	0.02502	731596.38	4052331.50	0.01932
731596.38	4052356.50	0.01958	731596.38	4052381.50	0.01987
731596.38	4052406.50	0.02019	731596.38	4052431.50	0.02068
731596.38	4052456.50	0.02104	731596.38	4052481.50	0.02143
731596.38	4052506.50	0.02174	731596.38	4052531.50	0.02219
731596.38	4052556.50	0.02266	731596.38	4052581.50	0.02321
731596.38	4052606.50	0.02370	731596.38	4052631.50	0.02420
731596.38	4052656.50	0.02471	731596.38	4052681.50	0.02524
731596.38	4052706.50	0.02579	731596.38	4052731.50	0.02636
731596.38	4052756.50	0.02694	731596.38	4052781.50	0.02755
731596.38	4052806.50	0.02819	731596.38	4052831.50	0.02883
731596.38	4053981.50	0.04415	731596.38	4054006.50	0.04380
731596.38	4054031.50	0.04344	731596.38	4054056.50	0.04308
731596.38	4054806.50	0.03353	731596.38	4054831.50	0.03309
731596.38	4054856.50	0.03265	731596.38	4054881.50	0.03222
731596.38	4054906.50	0.03178	731596.38	4054931.50	0.03134
731596.38	4054956.50	0.03091	731596.38	4054981.50	0.03048
731596.38	4055006.50	0.03005	731596.38	4055031.50	0.02963
731596.38	4055056.50	0.02922	731596.38	4055081.50	0.02882

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731596.38	4055106.50	0.02842	731596.38	4055131.50	0.02803
731596.38	4055156.50	0.02765	731596.38	4055181.50	0.02727
731596.38	4055206.50	0.02691	731596.38	4055231.50	0.02654
731596.38	4055256.50	0.02619	731596.38	4055281.50	0.02584
731596.38	4055306.50	0.02549	731596.38	4055331.50	0.02515
731621.38	4052331.50	0.01972	731621.38	4052356.50	0.01998
731621.38	4052381.50	0.02027	731621.38	4052406.50	0.02058
731621.38	4052431.50	0.02108	731621.38	4052456.50	0.02144
731621.38	4052481.50	0.02183	731621.38	4052506.50	0.02214
731621.38	4052531.50	0.02260	731621.38	4052556.50	0.02308
731621.38	4052581.50	0.02364	731621.38	4052606.50	0.02414


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731621.38 4052756.50 0.02747 731621.38 4052781.50 0.02810
731621.38 4052806.50 0.02875 731621.38 4052831.50 0.02942
731621.38 4053981.50 0.04519 731621.38 4054006.50 0.04482
731621.38 4054031.50 0.04445 731621.38 4054056.50 0.04408
731621.38 4054081.50 0.04371 731621.38 4054806.50 0.03390
731621.38 4054831.50 0.03345 731621.38 4054856.50 0.03299
731621.38 4054881.50 0.03254 731621.38 4054906.50 0.03208
731621.38 4054931.50 0.03163 731621.38 4054956.50 0.03119
731621.38 4054981.50 0.03075 731621.38 4055006.50 0.03031
731621.38 4055031.50 0.02988 731621.38 4055056.50 0.02946
731621.38 4055081.50 0.02905 731621.38 4055106.50 0.02864
731621.38 4055131.50 0.02824 731621.38 4055156.50 0.02785
731621.38 4055181.50 0.02746 731621.38 4055206.50 0.02708
731621.38 4055231.50 0.02671 731621.38 4055256.50 0.02634
731621.38 4055281.50 0.02598 731621.38 4055306.50 0.02562
731621.38 4055331.50 0.02527 731646.38 4052331.50 0.02015
731646.38 4052356.50 0.02040 731646.38 4052381.50 0.02069
731646.38 4052406.50 0.02100 731646.38 4052756.50 0.02803
731646.38 4052781.50 0.02868 731646.38 4052806.50 0.02935
731646.38 4052831.50 0.03005 731646.38 4053981.50 0.04626
731646.38 4054006.50 0.04588 731646.38 4054031.50 0.04550
731646.38 4054056.50 0.04512 731646.38 4054081.50 0.04474
731646.38 4054806.50 0.03428 731646.38 4054831.50 0.03381
731646.38 4054856.50 0.03333 731646.38 4054881.50 0.03286
731646.38 4054906.50 0.03239 731646.38 4054931.50 0.03193
731646.38 4054956.50 0.03147 731646.38 4054981.50 0.03101
731646.38 4055006.50 0.03057 731646.38 4055031.50 0.03013
731646.38 4055056.50 0.02969 731646.38 4055081.50 0.02927
731646.38 4055106.50 0.02885 731646.38 4055131.50 0.02844

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
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731646.38 4055156.50 0.02803 731646.38 4055181.50 0.02764
731646.38 4055206.50 0.02725 731646.38 4055231.50 0.02686
731646.38 4055256.50 0.02648 731646.38 4055281.50 0.02611
731646.38 4055306.50 0.02574 731646.38 4055331.50 0.02537
731671.38 4052331.50 0.02060 731671.38 4052356.50 0.02084
731671.38 4052381.50 0.02113 731671.38 4052406.50 0.02144
731671.38 4052781.50 0.02929 731671.38 4052806.50 0.02998
731671.38 4052831.50 0.03070 731671.38 4053981.50 0.04739
731671.38 4054006.50 0.04699 731671.38 4054031.50 0.04659
731671.38 4054056.50 0.04620 731671.38 4054081.50 0.04591
731671.38 4054806.50 0.03465 731671.38 4054831.50 0.03416
731671.38 4054856.50 0.03367 731671.38 4054881.50 0.03318
731671.38 4054906.50 0.03270 731671.38 4054931.50 0.03222
731671.38 4054956.50 0.03175 731671.38 4054981.50 0.03128
731671.38 4055006.50 0.03082 731671.38 4055031.50 0.03036
731671.38 4055056.50 0.02992 731671.38 4055081.50 0.02948
731671.38 4055106.50 0.02905 731671.38 4055131.50 0.02863
731671.38 4055156.50 0.02821 731671.38 4055181.50 0.02780
731671.38 4055206.50 0.02739 731671.38 4055231.50 0.02699
731671.38 4055256.50 0.02660 731671.38 4055281.50 0.02621
731671.38 4055306.50 0.02583 731671.38 4055331.50 0.02545
731696.38 4052331.50 0.02106 731696.38 4052356.50 0.02131
731696.38 4052381.50 0.02159 731696.38 4052406.50 0.02191
731696.38 4052781.50 0.02992 731696.38 4052806.50 0.03063
731696.38 4052831.50 0.03138 731696.38 4053981.50 0.04857
731696.38 4054006.50 0.04815 731696.38 4054031.50 0.04774
731696.38 4054056.50 0.04732 731696.38 4054081.50 0.04692
731696.38 4054806.50 0.03503 731696.38 4054831.50 0.03452
731696.38 4054856.50 0.03401 731696.38 4054881.50 0.03350
731696.38 4054906.50 0.03300 731696.38 4054931.50 0.03251
731696.38 4054956.50 0.03202 731696.38 4054981.50 0.03154
731696.38 4055006.50 0.03106 731696.38 4055031.50 0.03059
731696.38 4055056.50 0.03013 731696.38 4055081.50 0.02968
731696.38 4055106.50 0.02924 731696.38 4055131.50 0.02880
731696.38 4055156.50 0.02837 731696.38 4055181.50 0.02794
731696.38 4055206.50 0.02752 731696.38 4055231.50 0.02711
731696.38 4055256.50 0.02670 731696.38 4055281.50 0.02630
731696.38 4055306.50 0.02590 731696.38 4055331.50 0.02550
731721.38 4052331.50 0.02155 731721.38 4052356.50 0.02180
731721.38 4052381.50 0.02208 731721.38 4052406.50 0.02240

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
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731721.38 4052781.50 0.03059 731721.38 4052806.50 0.03133
731721.38 4052831.50 0.03209 731721.38 4053981.50 0.04980
731721.38 4054006.50 0.04936 731721.38 4054031.50 0.04893
731721.38 4054056.50 0.04850 731721.38 4054081.50 0.04808
731721.38 4054806.50 0.03540 731721.38 4054831.50 0.03487
731721.38 4054856.50 0.03434 731721.38 4054881.50 0.03382
731721.38 4054906.50 0.03330 731721.38 4054931.50 0.03279
731721.38 4054956.50 0.03228 731721.38 4054981.50 0.03179
731721.38 4055006.50 0.03130 731721.38 4055031.50 0.03081
731721.38 4055056.50 0.03034 731721.38 4055081.50 0.02987
731721.38 4055106.50 0.02941 731721.38 4055131.50 0.02896
731721.38 4055156.50 0.02851 731721.38 4055181.50 0.02807
731721.38 4055206.50 0.02763 731721.38 4055231.50 0.02720
731721.38 4055256.50 0.02678 731721.38 4055281.50 0.02636
731721.38 4055306.50 0.02594 731721.38 4055331.50 0.02553
731746.38 4052331.50 0.02206 731746.38 4052356.50 0.02231
731746.38 4052381.50 0.02260 731746.38 4052406.50 0.02291
731746.38 4052781.50 0.03129 731746.38 4052806.50 0.03205

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731746.38 4052831.50 0.03285 731746.38 4053981.50 0.05108
731746.38 4054006.50 0.05062 731746.38 4054031.50 0.05017
731746.38 4054056.50 0.04972 731746.38 4054081.50 0.04929
731746.38 4054806.50 0.03577 731746.38 4054831.50 0.03522
731746.38 4054856.50 0.03467 731746.38 4054881.50 0.03413
731746.38 4054906.50 0.03359 731746.38 4054931.50 0.03306
731746.38 4054956.50 0.03254 731746.38 4054981.50 0.03202
731746.38 4055006.50 0.03152 731746.38 4055031.50 0.03102
731746.38 4055056.50 0.03053 731746.38 4055081.50 0.03004
731746.38 4055106.50 0.02957 731746.38 4055131.50 0.02910
731746.38 4055156.50 0.02863 731746.38 4055181.50 0.02817
731746.38 4055206.50 0.02772 731746.38 4055231.50 0.02728
731746.38 4055256.50 0.02683 731746.38 4055281.50 0.02640
731746.38 4055306.50 0.02597 731746.38 4055331.50 0.02554
731771.38 4052331.50 0.02260 731771.38 4052356.50 0.02285
731771.38 4052381.50 0.02314 731771.38 4052406.50 0.02345
731771.38 4052781.50 0.03203 731771.38 4052806.50 0.03282
731771.38 4052831.50 0.03364 731771.38 4053981.50 0.05242
731771.38 4054006.50 0.05193 731771.38 4054031.50 0.05146
731771.38 4054056.50 0.05100 731771.38 4054081.50 0.05054
731771.38 4054806.50 0.03613 731771.38 4054831.50 0.03556
731771.38 4054856.50 0.03499 731771.38 4054881.50 0.03443

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. It contains a list of receptor points with coordinates and concentration values.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. It contains a list of receptor points with coordinates and concentration values.

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731846.38 4055156.50 0.02887 731846.38 4055181.50 0.02834
731846.38 4055206.50 0.02781 731846.38 4055231.50 0.02729
731846.38 4055256.50 0.02678 731846.38 4055281.50 0.02628
731846.38 4055306.50 0.02578 731846.38 4055331.50 0.02528
731871.38 4052331.50 0.02501 731871.38 4052356.50 0.02528
731871.38 4052381.50 0.02558 731871.38 4052406.50 0.02609
731871.38 4052781.50 0.03545 731871.38 4052806.50 0.03635
731871.38 4052831.50 0.03729 731871.38 4052981.50 0.04350
731871.38 4053006.50 0.04459 731871.38 4053031.50 0.04569
731871.38 4053056.50 0.04681 731871.38 4053081.50 0.04794
731871.38 4053106.50 0.04908 731871.38 4054006.50 0.05777
731871.38 4054031.50 0.05734 731871.38 4054056.50 0.05672
731871.38 4054081.50 0.05610 731871.38 4054806.50 0.03747
731871.38 4054831.50 0.03679 731871.38 4054856.50 0.03613
731871.38 4054881.50 0.03547 731871.38 4054906.50 0.03483

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46 ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* *** PAGE 151

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731871.38	4054931.50	0.03419	731871.38	4054956.50	0.03356
731871.38	4054981.50	0.03294	731871.38	4055006.50	0.03233
731871.38	4055031.50	0.03173	731871.38	4055056.50	0.03114
731871.38	4055081.50	0.03055	731871.38	4055106.50	0.02998
731871.38	4055131.50	0.02941	731871.38	4055156.50	0.02886
731871.38	4055181.50	0.02831	731871.38	4055206.50	0.02776
731871.38	4055231.50	0.02723	731871.38	4055256.50	0.02670
731871.38	4055281.50	0.02618	731871.38	4055306.50	0.02566
731871.38	4055331.50	0.02515	731896.38	4052331.50	0.02569
731896.38	4052356.50	0.02597	731896.38	4052381.50	0.02627
731896.38	4052406.50	0.02679	731896.38	4052781.50	0.03645
731896.38	4052806.50	0.03738	731896.38	4052831.50	0.03835
731896.38	4052981.50	0.04481	731896.38	4053006.50	0.04595
731896.38	4053031.50	0.04712	731896.38	4053056.50	0.04830
731896.38	4053081.50	0.04949	731896.38	4053106.50	0.05070
731896.38	4054006.50	0.05938	731896.38	4054031.50	0.05892
731896.38	4054056.50	0.05826	731896.38	4054081.50	0.05761
731896.38	4054806.50	0.03776	731896.38	4054831.50	0.03706
731896.38	4054856.50	0.03636	731896.38	4054881.50	0.03568
731896.38	4054906.50	0.03501	731896.38	4054931.50	0.03434
731896.38	4054956.50	0.03369	731896.38	4054981.50	0.03304
731896.38	4055006.50	0.03241	731896.38	4055031.50	0.03179
731896.38	4055056.50	0.03117	731896.38	4055081.50	0.03057
731896.38	4055106.50	0.02997	731896.38	4055131.50	0.02939
731896.38	4055156.50	0.02881	731896.38	4055181.50	0.02824
731896.38	4055206.50	0.02768	731896.38	4055231.50	0.02713
731896.38	4055256.50	0.02658	731896.38	4055281.50	0.02604
731896.38	4055306.50	0.02551	731896.38	4055331.50	0.02499
731921.38	4052331.50	0.02640	731921.38	4052356.50	0.02669
731921.38	4052381.50	0.02700	731921.38	4052406.50	0.02735
731921.38	4052781.50	0.03750	731921.38	4052806.50	0.03846
731921.38	4052831.50	0.03947	731921.38	4052981.50	0.04621
731921.38	4053006.50	0.04741	731921.38	4053031.50	0.04864
731921.38	4053056.50	0.04987	731921.38	4053081.50	0.05114
731921.38	4053106.50	0.05242	731921.38	4054006.50	0.06106
731921.38	4054031.50	0.06058	731921.38	4054056.50	0.05987
731921.38	4054081.50	0.05918	731921.38	4054306.50	0.05320
731921.38	4054331.50	0.05251	731921.38	4054356.50	0.05180
731921.38	4054381.50	0.05107	731921.38	4054406.50	0.05034
731921.38	4054431.50	0.04959	731921.38	4054456.50	0.04883

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46 ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* *** PAGE 152

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731921.38	4054481.50	0.04807	731921.38	4054506.50	0.04729
731921.38	4054531.50	0.04651	731921.38	4054556.50	0.04573
731921.38	4054581.50	0.04494	731921.38	4054606.50	0.04416
731921.38	4054631.50	0.04337	731921.38	4054656.50	0.04259
731921.38	4054681.50	0.04181	731921.38	4054706.50	0.04104
731921.38	4054731.50	0.04028	731921.38	4054756.50	0.03952
731921.38	4054781.50	0.03876	731921.38	4054806.50	0.03802
731921.38	4054831.50	0.03729	731921.38	4054856.50	0.03657
731921.38	4054881.50	0.03585	731921.38	4054906.50	0.03515
731921.38	4054931.50	0.03446	731921.38	4054956.50	0.03378
731921.38	4054981.50	0.03312	731921.38	4055006.50	0.03246
731921.38	4055031.50	0.03181	731921.38	4055056.50	0.03118
731921.38	4055081.50	0.03055	731921.38	4055106.50	0.02993
731921.38	4055131.50	0.02933	731921.38	4055156.50	0.02873
731921.38	4055181.50	0.02814	731921.38	4055206.50	0.02757
731921.38	4055231.50	0.02700	731921.38	4055256.50	0.02644
731921.38	4055281.50	0.02588	731921.38	4055306.50	0.02534
731921.38	4055331.50	0.02480	731946.38	4052331.50	0.02716
731946.38	4052356.50	0.02745	731946.38	4052381.50	0.02777
731946.38	4052406.50	0.02813	731946.38	4052781.50	0.03862
731946.38	4052806.50	0.03961	731946.38	4052831.50	0.04065
731946.38	4052981.50	0.04770	731946.38	4053006.50	0.04896
731946.38	4053031.50	0.05025	731946.38	4053056.50	0.05155
731946.38	4053081.50	0.05289	731946.38	4053106.50	0.05425
731946.38	4053681.50	0.06991	731946.38	4053706.50	0.06974
731946.38	4053731.50	0.06952	731946.38	4053756.50	0.06922
731946.38	4053781.50	0.06883	731946.38	4053806.50	0.06837
731946.38	4053831.50	0.06783	731946.38	4053856.50	0.06723
731946.38	4053881.50	0.06657	731946.38	4053906.50	0.06586
731946.38	4053931.50	0.06513	731946.38	4053956.50	0.06437
731946.38	4053981.50	0.06359	731946.38	4054006.50	0.06283
731946.38	4054031.50	0.06230	731946.38	4054056.50	0.06155

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731946.38 4054081.50 0.06081 731946.38 4054106.50 0.06009
731946.38 4054131.50 0.05937 731946.38 4054156.50 0.05867
731946.38 4054181.50 0.05796 731946.38 4054206.50 0.05726
731946.38 4054231.50 0.05655 731946.38 4054256.50 0.05583
731946.38 4054281.50 0.05510 731946.38 4054306.50 0.05436
731946.38 4054331.50 0.05361 731946.38 4054356.50 0.05284
731946.38 4054381.50 0.05206 731946.38 4054406.50 0.05126
731946.38 4054431.50 0.05046 731946.38 4054456.50 0.04965

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ** ** ** PAGE 153

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731946.38 4054481.50 0.04883 731946.38 4054506.50 0.04800
731946.38 4054531.50 0.04718 731946.38 4054556.50 0.04635
731946.38 4054581.50 0.04552 731946.38 4054606.50 0.04469
731946.38 4054631.50 0.04386 731946.38 4054656.50 0.04304
731946.38 4054681.50 0.04222 731946.38 4054706.50 0.04141
731946.38 4054731.50 0.04061 731946.38 4054756.50 0.03981
731946.38 4054781.50 0.03903 731946.38 4054806.50 0.03825
731946.38 4054831.50 0.03749 731946.38 4054856.50 0.03674
731946.38 4054881.50 0.03600 731946.38 4054906.50 0.03527
731946.38 4054931.50 0.03455 731946.38 4054956.50 0.03384
731946.38 4054981.50 0.03315 731946.38 4055006.50 0.03247
731946.38 4055031.50 0.03180 731946.38 4055206.50 0.02742
731946.38 4055231.50 0.02684 731946.38 4055256.50 0.02626
731946.38 4055281.50 0.02570 731946.38 4055306.50 0.02514
731946.38 4055331.50 0.02459 731971.38 4052331.50 0.02796
731971.38 4052356.50 0.02826 731971.38 4052381.50 0.02859
731971.38 4052406.50 0.02895 731971.38 4052756.50 0.03882
731971.38 4052781.50 0.03979 731971.38 4052806.50 0.04083
731971.38 4052831.50 0.04191 731971.38 4052856.50 0.04304
731971.38 4052881.50 0.04423 731971.38 4052906.50 0.04545
731971.38 4052931.50 0.04670 731971.38 4052956.50 0.04798
731971.38 4052981.50 0.04928 731971.38 4053006.50 0.05060
731971.38 4053031.50 0.05195 731971.38 4053056.50 0.05334
731971.38 4053081.50 0.05475 731971.38 4053106.50 0.05619
731971.38 4053131.50 0.05763 731971.38 4053156.50 0.05907
731971.38 4053181.50 0.06049 731971.38 4053206.50 0.06186
731971.38 4053231.50 0.06318 731971.38 4053256.50 0.06443
731971.38 4053281.50 0.06559 731971.38 4053306.50 0.06668
731971.38 4053331.50 0.06765 731971.38 4053356.50 0.06855
731971.38 4053381.50 0.06935 731971.38 4053406.50 0.07007
731971.38 4053431.50 0.07070 731971.38 4053456.50 0.07123
731971.38 4053481.50 0.07168 731971.38 4053506.50 0.07203
731971.38 4053531.50 0.07230 731971.38 4053556.50 0.07248
731971.38 4053581.50 0.07259 731971.38 4053606.50 0.07264
731971.38 4053631.50 0.07263 731971.38 4053656.50 0.07256
731971.38 4053681.50 0.07244 731971.38 4053706.50 0.07225
731971.38 4053731.50 0.07198 731971.38 4053756.50 0.07163
731971.38 4053781.50 0.07119 731971.38 4053806.50 0.07069
731971.38 4053831.50 0.07009 731971.38 4053856.50 0.06945
731971.38 4053881.50 0.06873 731971.38 4053906.50 0.06798

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ** ** ** PAGE 154

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731971.38 4053931.50 0.06721 731971.38 4053956.50 0.06642
731971.38 4053981.50 0.06567 731971.38 4054006.50 0.06483
731971.38 4054031.50 0.06409 731971.38 4054056.50 0.06329
731971.38 4054081.50 0.06250 731971.38 4054106.50 0.06173
731971.38 4054131.50 0.06096 731971.38 4054156.50 0.06021
731971.38 4054181.50 0.05945 731971.38 4054206.50 0.05868
731971.38 4054231.50 0.05791 731971.38 4054256.50 0.05713
731971.38 4054281.50 0.05634 731971.38 4054306.50 0.05554
731971.38 4054331.50 0.05472 731971.38 4054356.50 0.05388
731971.38 4054381.50 0.05304 731971.38 4054406.50 0.05219
731971.38 4054431.50 0.05133 731971.38 4055206.50 0.02725
731971.38 4055231.50 0.02665 731971.38 4055256.50 0.02606
731971.38 4055281.50 0.02548 731971.38 4055306.50 0.02491
731971.38 4055331.50 0.02435 731996.38 4052331.50 0.02881
731996.38 4052356.50 0.02912 731996.38 4052381.50 0.02946
731996.38 4052406.50 0.02982 731996.38 4052431.50 0.03042
731996.38 4052456.50 0.03088 731996.38 4052481.50 0.03139
731996.38 4052506.50 0.03196 731996.38 4052531.50 0.03257
731996.38 4052556.50 0.03323 731996.38 4052581.50 0.03395
731996.38 4052606.50 0.03471 731996.38 4052631.50 0.03550
731996.38 4052656.50 0.03634 731996.38 4052681.50 0.03721
731996.38 4052706.50 0.03812 731996.38 4052731.50 0.03906
731996.38 4052756.50 0.04005 731996.38 4052781.50 0.04107
731996.38 4052806.50 0.04215 731996.38 4052831.50 0.04327
731996.38 4052856.50 0.04445 731996.38 4052881.50 0.04568
731996.38 4052906.50 0.04697 731996.38 4052931.50 0.04829
731996.38 4052956.50 0.04963 731996.38 4052981.50 0.05099
731996.38 4053006.50 0.05238 731996.38 4053031.50 0.05381
731996.38 4053056.50 0.05526 731996.38 4053081.50 0.05676
731996.38 4053106.50 0.05828 731996.38 4053131.50 0.05980
731996.38 4053156.50 0.06132 731996.38 4053181.50 0.06282
731996.38 4053206.50 0.06427 731996.38 4053231.50 0.06567
731996.38 4053256.50 0.06698 731996.38 4053281.50 0.06820
731996.38 4053306.50 0.06932 731996.38 4053331.50 0.07035
731996.38 4053356.50 0.07127 731996.38 4053381.50 0.07209
731996.38 4053406.50 0.07283 731996.38 4053431.50 0.07346
731996.38 4053456.50 0.07401 731996.38 4053481.50 0.07446
731996.38 4053506.50 0.07482 731996.38 4053531.50 0.07508
731996.38 4053556.50 0.07526 731996.38 4053581.50 0.07537

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731996.38 4053831.50 0.07253 731996.38 4053856.50 0.07184
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** ** PAGE 155
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
731996.38 4053881.50 0.07110 731996.38 4053906.50 0.07032
731996.38 4053931.50 0.06947 731996.38 4053956.50 0.06860
731996.38 4053981.50 0.06771 731996.38 4054006.50 0.06683
731996.38 4054031.50 0.06597 731996.38 4054056.50 0.06511
731996.38 4054081.50 0.06427 731996.38 4055206.50 0.02705
731996.38 4055231.50 0.02643 731996.38 4055256.50 0.02583
731996.38 4055281.50 0.02524 731996.38 4055306.50 0.02466
731996.38 4055331.50 0.02409 732021.38 4052331.50 0.02970
732021.38 4052356.50 0.03003 732021.38 4052381.50 0.03039
732021.38 4052406.50 0.03095 732021.38 4052431.50 0.03138
732021.38 4052456.50 0.03185 732021.38 4052481.50 0.03236
732021.38 4052506.50 0.03293 732021.38 4052531.50 0.03355
732021.38 4052556.50 0.03423 732021.38 4052581.50 0.03497
732021.38 4052606.50 0.03575 732021.38 4052631.50 0.03658
732021.38 4052656.50 0.03746 732021.38 4052681.50 0.03838
732021.38 4052706.50 0.03934 732021.38 4052731.50 0.04033
732021.38 4052756.50 0.04136 732021.38 4052781.50 0.04244
732021.38 4052806.50 0.04356 732021.38 4052831.50 0.04474
732021.38 4052856.50 0.04597 732021.38 4052881.50 0.04726
732021.38 4052906.50 0.04859 732021.38 4052931.50 0.04997
732021.38 4052956.50 0.05137 732021.38 4052981.50 0.05281
732021.38 4053006.50 0.05427 732021.38 4053031.50 0.05578
732021.38 4053056.50 0.05732 732021.38 4053081.50 0.05889
732021.38 4053106.50 0.06050 732021.38 4053131.50 0.06212
732021.38 4053156.50 0.06372 732021.38 4053181.50 0.06531
732021.38 4053206.50 0.06686 732021.38 4053831.50 0.07512
732021.38 4053856.50 0.07436 732021.38 4053881.50 0.07353
732021.38 4053906.50 0.07262 732021.38 4053931.50 0.07169
732021.38 4053956.50 0.07074 732021.38 4053981.50 0.06979
732021.38 4054006.50 0.06885 732021.38 4054031.50 0.06792
732021.38 4054056.50 0.06700 732021.38 4055206.50 0.02682
732021.38 4055231.50 0.02619 732021.38 4055256.50 0.02558
732021.38 4055281.50 0.02498 732021.38 4055306.50 0.02439
732021.38 4055331.50 0.02382 732046.38 4052331.50 0.03066
732046.38 4052356.50 0.03100 732046.38 4052381.50 0.03137
732046.38 4052406.50 0.03195 732046.38 4052431.50 0.03239
732046.38 4052456.50 0.03287 732046.38 4052481.50 0.03340
732046.38 4052506.50 0.03398 732046.38 4052531.50 0.03461
732046.38 4052556.50 0.03531 732046.38 4052581.50 0.03607
732046.38 4052606.50 0.03688 732046.38 4052631.50 0.03775
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** ** PAGE 156
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
732046.38 4052656.50 0.03867 732046.38 4052681.50 0.03963
732046.38 4052706.50 0.04064 732046.38 4052731.50 0.04168
732046.38 4052756.50 0.04276 732046.38 4052781.50 0.04389
732046.38 4052806.50 0.04507 732046.38 4052831.50 0.04631
732046.38 4052856.50 0.04761 732046.38 4052881.50 0.04895
732046.38 4052906.50 0.05035 732046.38 4052931.50 0.05178
732046.38 4052956.50 0.05325 732046.38 4052981.50 0.05475
732046.38 4053006.50 0.05630 732046.38 4053031.50 0.05789
732046.38 4053056.50 0.05952 732046.38 4053081.50 0.06119
732046.38 4053106.50 0.06290 732046.38 4053131.50 0.06460
732046.38 4053156.50 0.06631 732046.38 4053181.50 0.06799
732046.38 4053206.50 0.06961 732046.38 4053856.50 0.07695
732046.38 4053881.50 0.07600 732046.38 4053906.50 0.07501
732046.38 4053931.50 0.07400 732046.38 4053956.50 0.07298
732046.38 4053981.50 0.07196 732046.38 4054006.50 0.07095
732046.38 4054031.50 0.06996 732046.38 4054056.50 0.06897
732046.38 4055206.50 0.02656 732046.38 4055231.50 0.02593
732046.38 4055256.50 0.02531 732046.38 4055281.50 0.02470
732046.38 4055306.50 0.02411 732046.38 4055331.50 0.02353
732071.38 4052331.50 0.03166 732071.38 4052356.50 0.03203
732071.38 4052381.50 0.03258 732071.38 4052406.50 0.03301
732071.38 4052431.50 0.03347 732071.38 4052456.50 0.03396
732071.38 4052481.50 0.03450 732071.38 4052506.50 0.03510
732071.38 4052531.50 0.03575 732071.38 4052556.50 0.03646
732071.38 4052581.50 0.03724 732071.38 4052606.50 0.03809
732071.38 4052631.50 0.03900 732071.38 4052656.50 0.03996
732071.38 4052681.50 0.04097 732071.38 4052706.50 0.04203
732071.38 4052731.50 0.04312 732071.38 4052756.50 0.04426
732071.38 4052781.50 0.04545 732071.38 4052806.50 0.04668
732071.38 4052831.50 0.04798 732071.38 4052856.50 0.04934
732071.38 4052881.50 0.05076 732071.38 4052906.50 0.05223
732071.38 4052931.50 0.05373 732071.38 4052956.50 0.05528
732071.38 4052981.50 0.05686 732071.38 4053006.50 0.05849
732071.38 4053031.50 0.06017 732071.38 4053056.50 0.06188
732071.38 4053081.50 0.06365 732071.38 4053106.50 0.06546
732071.38 4053131.50 0.06728 732071.38 4053156.50 0.06908
732071.38 4053181.50 0.07086 732071.38 4053206.50 0.07259
732071.38 4053856.50 0.07964 732071.38 4053881.50 0.07860
732071.38 4053906.50 0.07753 732071.38 4053931.50 0.07644
732071.38 4053956.50 0.07534 732071.38 4053981.50 0.07424
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732071.38	4054006.50	0.07315	732071.38	4054031.50	0.07208
732071.38	4054056.50	0.07102	732071.38	4055206.50	0.02629
732071.38	4055231.50	0.02564	732071.38	4055256.50	0.02501
732071.38	4055281.50	0.02440	732071.38	4055306.50	0.02380
732071.38	4055331.50	0.02322	732096.38	4052331.50	0.03273
732096.38	4052356.50	0.03312	732096.38	4052381.50	0.03369
732096.38	4052406.50	0.03414	732096.38	4052431.50	0.03461
732096.38	4052456.50	0.03513	732096.38	4052481.50	0.03568
732096.38	4052506.50	0.03629	732096.38	4052531.50	0.03697
732096.38	4052556.50	0.03771	732096.38	4052581.50	0.03851
732096.38	4052606.50	0.03939	732096.38	4052631.50	0.04033
732096.38	4052656.50	0.04134	732096.38	4052681.50	0.04240
732096.38	4052706.50	0.04351	732096.38	4052731.50	0.04466
732096.38	4052756.50	0.04586	732096.38	4052781.50	0.04711
732096.38	4052806.50	0.04842	732096.38	4052831.50	0.04978
732096.38	4052856.50	0.05122	732096.38	4052881.50	0.05271
732096.38	4052906.50	0.05425	732096.38	4052931.50	0.05584
732096.38	4052956.50	0.05747	732096.38	4052981.50	0.05914
732096.38	4053006.50	0.06086	732096.38	4053031.50	0.06262
732096.38	4053056.50	0.06445	732096.38	4053081.50	0.06632
732096.38	4053106.50	0.06822	732096.38	4053131.50	0.07015
732096.38	4053156.50	0.07208	732096.38	4053181.50	0.07396
732096.38	4053206.50	0.07576	732096.38	4053856.50	0.08247
732096.38	4053881.50	0.08134	732096.38	4053906.50	0.08017
732096.38	4053931.50	0.07899	732096.38	4053956.50	0.07780
732096.38	4053981.50	0.07662	732096.38	4054006.50	0.07545
732096.38	4054031.50	0.07429	732096.38	4054056.50	0.07314
732096.38	4055206.50	0.02599	732096.38	4055231.50	0.02534
732096.38	4055256.50	0.02471	732096.38	4055281.50	0.02409
732096.38	4055306.50	0.02349	732096.38	4055331.50	0.02290
732121.38	4052331.50	0.03385	732121.38	4052356.50	0.03441
732121.38	4052381.50	0.03486	732121.38	4052406.50	0.03534
732121.38	4052431.50	0.03584	732121.38	4052456.50	0.03637
732121.38	4052481.50	0.03695	732121.38	4052506.50	0.03758
732121.38	4052531.50	0.03828	732121.38	4052556.50	0.03904
732121.38	4052581.50	0.03987	732121.38	4052606.50	0.04078
732121.38	4052631.50	0.04177	732121.38	4052656.50	0.04282
732121.38	4052681.50	0.04393	732121.38	4052706.50	0.04510
732121.38	4052731.50	0.04631	732121.38	4052756.50	0.04758
732121.38	4052781.50	0.04889	732121.38	4052806.50	0.05027

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732121.38	4052831.50	0.05173	732121.38	4052856.50	0.05324
732121.38	4052881.50	0.05481	732121.38	4052906.50	0.05644
732121.38	4052931.50	0.05812	732121.38	4052956.50	0.05983
732121.38	4052981.50	0.06159	732121.38	4053006.50	0.06341
732121.38	4053031.50	0.06529	732121.38	4053056.50	0.06722
732121.38	4053081.50	0.06920	732121.38	4053106.50	0.07123
732121.38	4053131.50	0.07327	732121.38	4053156.50	0.07529
732121.38	4053181.50	0.07729	732121.38	4053206.50	0.07921
732121.38	4053981.50	0.07911	732121.38	4054006.50	0.07784
732121.38	4054031.50	0.07659	732121.38	4054056.50	0.07534
732121.38	4055206.50	0.02568	732121.38	4055231.50	0.02502
732121.38	4055256.50	0.02438	732121.38	4055281.50	0.02376
732121.38	4055306.50	0.02316	732121.38	4055331.50	0.02257
732146.38	4052331.50	0.03504	732146.38	4052356.50	0.03562
732146.38	4052381.50	0.03611	732146.38	4052406.50	0.03662
732146.38	4052431.50	0.03714	732146.38	4052456.50	0.03770
732146.38	4052481.50	0.03831	732146.38	4052506.50	0.03896
732146.38	4052531.50	0.03968	732146.38	4052556.50	0.04047
732146.38	4052581.50	0.04133	732146.38	4052606.50	0.04228
732146.38	4052631.50	0.04330	732146.38	4052656.50	0.04440
732146.38	4052681.50	0.04557	732146.38	4052706.50	0.04679
732146.38	4052731.50	0.04808	732146.38	4052756.50	0.04942
732146.38	4052781.50	0.05081	732146.38	4052806.50	0.05227
732146.38	4052831.50	0.05380	732146.38	4052856.50	0.05541
732146.38	4052881.50	0.05708	732146.38	4052906.50	0.05879
732146.38	4052931.50	0.06057	732146.38	4052956.50	0.06239
732146.38	4052981.50	0.06427	732146.38	4053006.50	0.06618
732146.38	4053031.50	0.06817	732146.38	4053056.50	0.07022
732146.38	4053081.50	0.07234	732146.38	4053106.50	0.07448
732146.38	4053131.50	0.07665	732146.38	4053156.50	0.07880
732146.38	4053181.50	0.08090	732146.38	4053206.50	0.08292
732146.38	4053981.50	0.08171	732146.38	4054006.50	0.08033
732146.38	4054031.50	0.07897	732146.38	4054056.50	0.07761
732146.38	4055206.50	0.02535	732146.38	4055231.50	0.02469
732146.38	4055256.50	0.02406	732146.38	4055281.50	0.02344
732146.38	4055306.50	0.02283	732146.38	4055331.50	0.02225
732171.38	4052331.50	0.03629	732171.38	4052356.50	0.03691
732171.38	4052381.50	0.03743	732171.38	4052406.50	0.03797
732171.38	4052431.50	0.03854	732171.38	4052456.50	0.03913
732171.38	4052481.50	0.03976	732171.38	4052506.50	0.04045

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732171.38	4052531.50	0.04119	732171.38	4052556.50	0.04201
732171.38	4052581.50	0.04291	732171.38	4052606.50	0.04389
732171.38	4052631.50	0.04495	732171.38	4052656.50	0.04611
732171.38	4052681.50	0.04733	732171.38	4052706.50	0.04862
732171.38	4052731.50	0.04998	732171.38	4052756.50	0.05139
732171.38	4052781.50	0.05287	732171.38	4052806.50	0.05443
732171.38	4052831.50	0.05606	732171.38	4052856.50	0.05776
732171.38	4052881.50	0.05953	732171.38	4052906.50	0.06136
732171.38	4052931.50	0.06324	732171.38	4052956.50	0.06517
732171.38	4052981.50	0.06716	732171.38	4053006.50	0.06920
732171.38	4053031.50	0.07131	732171.38	4053056.50	0.07350
732171.38	4053081.50	0.07574	732171.38	4053106.50	0.07802
732171.38	4053131.50	0.08032	732171.38	4053156.50	0.08260
732171.38	4053181.50	0.08482	732171.38	4053206.50	0.08697
732171.38	4053981.50	0.08442	732171.38	4054006.50	0.08292
732171.38	4054031.50	0.08143	732171.38	4054056.50	0.07995
732171.38	4055206.50	0.02501	732171.38	4055231.50	0.02436
732171.38	4055256.50	0.02372	732171.38	4055281.50	0.02310
732171.38	4055306.50	0.02250	732171.38	4055331.50	0.02192
732196.38	4052331.50	0.03771	732196.38	4052356.50	0.03827
732196.38	4052381.50	0.03883	732196.38	4052406.50	0.03942
732196.38	4052431.50	0.04002	732196.38	4052456.50	0.04065
732196.38	4052481.50	0.04132	732196.38	4052506.50	0.04204
732196.38	4052531.50	0.04282	732196.38	4052556.50	0.04368
732196.38	4052581.50	0.04460	732196.38	4052606.50	0.04562
732196.38	4052631.50	0.04673	732196.38	4052656.50	0.04794
732196.38	4052681.50	0.04922	732196.38	4052706.50	0.05059
732196.38	4052731.50	0.05203	732196.38	4052756.50	0.05353
732196.38	4052781.50	0.05511	732196.38	4052806.50	0.05676
732196.38	4052831.50	0.05849	732196.38	4052856.50	0.06030
732196.38	4052881.50	0.06219	732196.38	4052906.50	0.06414
732196.38	4052931.50	0.06614	732196.38	4052956.50	0.06820
732196.38	4052981.50	0.07032	732196.38	4053006.50	0.07250
732196.38	4053031.50	0.07474	732196.38	4053056.50	0.07706
732196.38	4053081.50	0.07946	732196.38	4053106.50	0.08189
732196.38	4053131.50	0.08431	732196.38	4053156.50	0.08674
732196.38	4053181.50	0.08909	732196.38	4053206.50	0.09135
732196.38	4053981.50	0.08724	732196.38	4054006.50	0.08560
732196.38	4054031.50	0.08397	732196.38	4054056.50	0.08234
732196.38	4055206.50	0.02468	732196.38	4055231.50	0.02402

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732196.38	4055256.50	0.02339	732196.38	4055281.50	0.02277
732196.38	4055306.50	0.02218	732196.38	4055331.50	0.02160
732221.38	4052331.50	0.03910	732221.38	4052356.50	0.03970
732221.38	4052381.50	0.04032	732221.38	4052406.50	0.04095
732221.38	4052431.50	0.04160	732221.38	4052456.50	0.04228
732221.38	4052481.50	0.04299	732221.38	4052506.50	0.04376
732221.38	4052531.50	0.04457	732221.38	4052556.50	0.04546
732221.38	4052581.50	0.04644	732221.38	4052606.50	0.04750
732221.38	4052631.50	0.04867	732221.38	4052656.50	0.04993
732221.38	4052681.50	0.05128	732221.38	4052706.50	0.05272
732221.38	4052731.50	0.05424	732221.38	4052756.50	0.05583
732221.38	4052781.50	0.05752	732221.38	4052806.50	0.05928
732221.38	4052831.50	0.06112	732221.38	4052856.50	0.06305
732221.38	4052881.50	0.06507	732221.38	4052906.50	0.06716
732221.38	4052931.50	0.06930	732221.38	4052956.50	0.07150
732221.38	4052981.50	0.07376	732221.38	4053006.50	0.07609
732221.38	4053031.50	0.07850	732221.38	4053056.50	0.08098
732221.38	4053081.50	0.08353	732221.38	4053106.50	0.08611
732221.38	4053131.50	0.08871	732221.38	4053156.50	0.09126
732221.38	4053181.50	0.09374	732221.38	4053206.50	0.09615
732221.38	4053231.50	0.09840	732221.38	4053981.50	0.09016
732221.38	4054006.50	0.08837	732221.38	4054031.50	0.08658
732221.38	4054056.50	0.08479	732221.38	4055206.50	0.02433
732221.38	4055231.50	0.02368	732221.38	4055256.50	0.02305
732221.38	4055281.50	0.02244	732221.38	4055306.50	0.02186
732221.38	4055331.50	0.02129	732246.38	4052331.50	0.04056
732246.38	4052356.50	0.04122	732246.38	4052381.50	0.04189
732246.38	4052406.50	0.04258	732246.38	4052431.50	0.04329
732246.38	4052456.50	0.04402	732246.38	4052481.50	0.04478
732246.38	4052506.50	0.04560	732246.38	4052531.50	0.04647
732246.38	4052556.50	0.04740	732246.38	4052581.50	0.04842
732246.38	4052606.50	0.04953	732246.38	4052631.50	0.05075
732246.38	4052656.50	0.05207	732246.38	4052681.50	0.05350
732246.38	4052706.50	0.05502	732246.38	4052731.50	0.05664
732246.38	4052756.50	0.05835	732246.38	4052781.50	0.06012
732246.38	4052806.50	0.06201	732246.38	4052831.50	0.06399
732246.38	4052856.50	0.06606	732246.38	4052881.50	0.06823
732246.38	4052906.50	0.07045	732246.38	4052931.50	0.07274
732246.38	4052956.50	0.07510	732246.38	4052981.50	0.07753
732246.38	4053006.50	0.08004	732246.38	4053031.50	0.08262

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732246.38	4053056.50	0.08527	732246.38	4053081.50	0.08800
732246.38	4053106.50	0.09076	732246.38	4053131.50	0.09350
732246.38	4053156.50	0.09622	732246.38	4053181.50	0.09886
732246.38	4053206.50	0.10138	732246.38	4053231.50	0.10377
732246.38	4053981.50	0.09319	732246.38	4054006.50	0.09122

732246.38	4054031.50	0.08925	732246.38	4054056.50	0.08727
732246.38	4055206.50	0.02400	732246.38	4055231.50	0.02335
732246.38	4055256.50	0.02273	732246.38	4055281.50	0.02213
732246.38	4055306.50	0.02155	732246.38	4055331.50	0.02099
732271.38	4052331.50	0.04211	732271.38	4052356.50	0.04283
732271.38	4052381.50	0.04356	732271.38	4052406.50	0.04431
732271.38	4052431.50	0.04508	732271.38	4052456.50	0.04588
732271.38	4052481.50	0.04671	732271.38	4052506.50	0.04757
732271.38	4052531.50	0.04850	732271.38	4052556.50	0.04949
732271.38	4052581.50	0.05057	732271.38	4052606.50	0.05174
732271.38	4052631.50	0.05302	732271.38	4052656.50	0.05441
732271.38	4052681.50	0.05592	732271.38	4052706.50	0.05753
732271.38	4052731.50	0.05924	732271.38	4052756.50	0.06107
732271.38	4052781.50	0.06298	732271.38	4052806.50	0.06500
732271.38	4052831.50	0.06711	732271.38	4052856.50	0.06933
732271.38	4052881.50	0.07164	732271.38	4052906.50	0.07405
732271.38	4052931.50	0.07652	732271.38	4052956.50	0.07906
732271.38	4052981.50	0.08166	732271.38	4053006.50	0.08436
732271.38	4053031.50	0.08715	732271.38	4053056.50	0.09001
732271.38	4053081.50	0.09292	732271.38	4053106.50	0.09586
732271.38	4053131.50	0.09881	732271.38	4053156.50	0.10168
732271.38	4053181.50	0.10446	732271.38	4053206.50	0.10715
732271.38	4053231.50	0.10965	732271.38	4053981.50	0.09631
732271.38	4054006.50	0.09413	732271.38	4054031.50	0.09196
732271.38	4054056.50	0.08979	732271.38	4055206.50	0.02367
732271.38	4055231.50	0.02303	732271.38	4055256.50	0.02242
732271.38	4055281.50	0.02183	732271.38	4055306.50	0.02126
732271.38	4055331.50	0.02071	732296.38	4052331.50	0.04375
732296.38	4052356.50	0.04453	732296.38	4052381.50	0.04533
732296.38	4052406.50	0.04615	732296.38	4052431.50	0.04699
732296.38	4052456.50	0.04786	732296.38	4052481.50	0.04876
732296.38	4052506.50	0.04969	732296.38	4052531.50	0.05069
732296.38	4052556.50	0.05176	732296.38	4052581.50	0.05290
732296.38	4052606.50	0.05414	732296.38	4052631.50	0.05549
732296.38	4052656.50	0.05695	732296.38	4052681.50	0.05854

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732296.38	4052706.50	0.06026	732296.38	4052731.50	0.06210
732296.38	4052756.50	0.06404	732296.38	4052781.50	0.06608
732296.38	4052806.50	0.06825	732296.38	4052831.50	0.07052
732296.38	4052856.50	0.07292	732296.38	4052881.50	0.07542
732296.38	4052906.50	0.07799	732296.38	4052931.50	0.08065
732296.38	4052956.50	0.08341	732296.38	4052981.50	0.08623
732296.38	4053006.50	0.08915	732296.38	4053031.50	0.09215
732296.38	4053056.50	0.09522	732296.38	4053081.50	0.09837
732296.38	4053106.50	0.10153	732296.38	4053131.50	0.10464
732296.38	4053156.50	0.10771	732296.38	4053181.50	0.11069
732296.38	4053206.50	0.11348	732296.38	4053231.50	0.11615
732296.38	4053981.50	0.09952	732296.38	4054006.50	0.09710
732296.38	4054031.50	0.09471	732296.38	4054056.50	0.09232
732296.38	4055206.50	0.02335	732296.38	4055231.50	0.02273
732296.38	4055256.50	0.02212	732296.38	4055281.50	0.02154
732296.38	4055306.50	0.02098	732296.38	4055331.50	0.02045
732321.38	4052331.50	0.04549	732321.38	4052356.50	0.04634
732321.38	4052381.50	0.04721	732321.38	4052406.50	0.04810
732321.38	4052431.50	0.04903	732321.38	4052456.50	0.04998
732321.38	4052481.50	0.05096	732321.38	4052506.50	0.05198
732321.38	4052531.50	0.05306	732321.38	4052556.50	0.05419
732321.38	4052581.50	0.05542	732321.38	4052606.50	0.05674
732321.38	4052631.50	0.05817	732321.38	4052656.50	0.05972
732321.38	4052681.50	0.06142	732321.38	4052706.50	0.06324
732321.38	4052731.50	0.06520	732321.38	4052756.50	0.06729
732321.38	4052781.50	0.06950	732321.38	4052806.50	0.07183
732321.38	4052831.50	0.07428	732321.38	4052856.50	0.07685
732321.38	4052881.50	0.07955	732321.38	4052906.50	0.08236
732321.38	4052931.50	0.08524	732321.38	4052956.50	0.08822
732321.38	4052981.50	0.09128	732321.38	4053006.50	0.09443
732321.38	4053031.50	0.09770	732321.38	4053056.50	0.10104
732321.38	4053081.50	0.10441	732321.38	4053106.50	0.10779
732321.38	4053131.50	0.11115	732321.38	4053156.50	0.11441
732321.38	4053181.50	0.11753	732321.38	4053206.50	0.12054
732321.38	4053231.50	0.12334	732321.38	4053981.50	0.10278
732321.38	4054006.50	0.10012	732321.38	4054031.50	0.09748
732321.38	4054056.50	0.09485	732321.38	4055231.50	0.02244
732321.38	4055256.50	0.02184	732321.38	4055281.50	0.02127
732321.38	4055306.50	0.02073	732321.38	4055331.50	0.02021
732346.38	4052331.50	0.04734	732346.38	4052356.50	0.04827

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732346.38	4052381.50	0.04922	732346.38	4052406.50	0.05019
732346.38	4052431.50	0.05120	732346.38	4052456.50	0.05224
732346.38	4052481.50	0.05332	732346.38	4052506.50	0.05444
732346.38	4052531.50	0.05561	732346.38	4052556.50	0.05684
732346.38	4052581.50	0.05816	732346.38	4052606.50	0.05957
732346.38	4052631.50	0.06110	732346.38	4052656.50	0.06275
732346.38	4052681.50	0.06456	732346.38	4052706.50	0.06651
732346.38	4052731.50	0.06862	732346.38	4052756.50	0.07086
732346.38	4052781.50	0.07323	732346.38	4052806.50	0.07575
732346.38	4052831.50	0.07841	732346.38	4052856.50	0.08121
732346.38	4052881.50	0.08413	732346.38	4052906.50	0.08716
732346.38	4052931.50	0.09030	732346.38	4052956.50	0.09353

732346.38	4052981.50	0.09687	732346.38	4053006.50	0.10033
732346.38	4053031.50	0.10387	732346.38	4053056.50	0.10748
732346.38	4053081.50	0.11115	732346.38	4053106.50	0.11481
732346.38	4053131.50	0.11836	732346.38	4053156.50	0.12185
732346.38	4053181.50	0.12520	732346.38	4053206.50	0.12834
732346.38	4053231.50	0.13134	732346.38	4053981.50	0.10611
732346.38	4054006.50	0.10318	732346.38	4054031.50	0.10026
732346.38	4054056.50	0.09738	732346.38	4055231.50	0.02217
732346.38	4055256.50	0.02159	732346.38	4055281.50	0.02103
732346.38	4055306.50	0.02050	732346.38	4055331.50	0.01999
732371.38	4052331.50	0.04933	732371.38	4052356.50	0.05032
732371.38	4052381.50	0.05136	732371.38	4052406.50	0.05242
732371.38	4052431.50	0.05353	732371.38	4052456.50	0.05467
732371.38	4052481.50	0.05584	732371.38	4052506.50	0.05707
732371.38	4052531.50	0.05835	732371.38	4052556.50	0.05970
732371.38	4052581.50	0.06113	732371.38	4052606.50	0.06265
732371.38	4052631.50	0.06429	732371.38	4052656.50	0.06607
732371.38	4052681.50	0.06799	732371.38	4052706.50	0.07009
732371.38	4052731.50	0.07236	732371.38	4052756.50	0.07479
732371.38	4052781.50	0.07737	732371.38	4052806.50	0.08010
732371.38	4052831.50	0.08298	732371.38	4052856.50	0.08601
732371.38	4052881.50	0.08920	732371.38	4052906.50	0.09251
732371.38	4052931.50	0.09594	732371.38	4052956.50	0.09947
732371.38	4052981.50	0.10312	732371.38	4053006.50	0.10689
732371.38	4053031.50	0.11076	732371.38	4053056.50	0.11472
732371.38	4053081.50	0.11868	732371.38	4053106.50	0.12261
732371.38	4053131.50	0.12648	732371.38	4053156.50	0.13019
732371.38	4053181.50	0.13373	732371.38	4053206.50	0.13713

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732371.38	4053231.50	0.14028	732371.38	4053981.50	0.10948
732371.38	4054006.50	0.10623	732371.38	4054031.50	0.10303
732371.38	4054056.50	0.09989	732371.38	4055231.50	0.02192
732371.38	4055256.50	0.02135	732371.38	4055281.50	0.02081
732371.38	4055306.50	0.02030	732371.38	4055331.50	0.01980
732396.38	4052331.50	0.05144	732396.38	4052356.50	0.05253
732396.38	4052381.50	0.05365	732396.38	4052406.50	0.05482
732396.38	4052431.50	0.05603	732396.38	4052456.50	0.05728
732396.38	4052481.50	0.05857	732396.38	4052506.50	0.05992
732396.38	4052531.50	0.06133	732396.38	4052556.50	0.06280
732396.38	4052581.50	0.06436	732396.38	4052606.50	0.06601
732396.38	4052631.50	0.06778	732396.38	4052656.50	0.06970
732396.38	4052681.50	0.07178	732396.38	4052706.50	0.07403
732396.38	4052731.50	0.07647	732396.38	4052756.50	0.07911
732396.38	4052781.50	0.08191	732396.38	4052806.50	0.08490
732396.38	4052831.50	0.08805	732396.38	4052856.50	0.09138
732396.38	4052881.50	0.09485	732396.38	4052906.50	0.09847
732396.38	4052931.50	0.10222	732396.38	4052956.50	0.10610
732396.38	4052981.50	0.11011	732396.38	4053006.50	0.11426
732396.38	4053031.50	0.11852	732396.38	4053056.50	0.12281
732396.38	4053081.50	0.12715	732396.38	4053106.50	0.13144
732396.38	4053131.50	0.13555	732396.38	4053156.50	0.13956
732396.38	4053181.50	0.14336	732396.38	4053206.50	0.14693
732396.38	4053231.50	0.15034	732396.38	4053981.50	0.11286
732396.38	4054006.50	0.10929	732396.38	4054031.50	0.10579
732396.38	4054056.50	0.10234	732396.38	4055231.50	0.02170
732396.38	4055256.50	0.02115	732396.38	4055281.50	0.02062
732396.38	4055306.50	0.02012	732396.38	4055331.50	0.01963
732421.38	4052331.50	0.05373	732421.38	4052356.50	0.05491
732421.38	4052381.50	0.05614	732421.38	4052406.50	0.05740
732421.38	4052431.50	0.05871	732421.38	4052456.50	0.06008
732421.38	4052481.50	0.06151	732421.38	4052506.50	0.06300
732421.38	4052531.50	0.06454	732421.38	4052556.50	0.06616
732421.38	4052581.50	0.06788	732421.38	4052606.50	0.06968
732421.38	4052631.50	0.07161	732421.38	4052656.50	0.07369
732421.38	4052681.50	0.07594	732421.38	4052706.50	0.07839
732421.38	4052731.50	0.08104	732421.38	4052756.50	0.08391
732421.38	4052781.50	0.08697	732421.38	4052806.50	0.09022
732421.38	4052831.50	0.09368	732421.38	4052856.50	0.09734
732421.38	4052881.50	0.10118	732421.38	4052906.50	0.10517

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732421.38	4052931.50	0.10931	732421.38	4052956.50	0.11358
732421.38	4052981.50	0.11800	732421.38	4053006.50	0.12255
732421.38	4053031.50	0.12725	732421.38	4053056.50	0.13199
732421.38	4053081.50	0.13671	732421.38	4053106.50	0.14134
732421.38	4053131.50	0.14584	732421.38	4053156.50	0.15012
732421.38	4053181.50	0.15421	732421.38	4053206.50	0.15810
732421.38	4053231.50	0.16169	732421.38	4053981.50	0.11626
732421.38	4054006.50	0.11234	732421.38	4054031.50	0.10849
732421.38	4054056.50	0.10474	732421.38	4055231.50	0.02150
732421.38	4055256.50	0.02097	732421.38	4055281.50	0.02045
732421.38	4055306.50	0.01996	732421.38	4055331.50	0.01950
732446.38	4052331.50	0.05618	732446.38	4052356.50	0.05747
732446.38	4052381.50	0.05881	732446.38	4052406.50	0.06020
732446.38	4052431.50	0.06164	732446.38	4052456.50	0.06314
732446.38	4052481.50	0.06470	732446.38	4052506.50	0.06634
732446.38	4052531.50	0.06804	732446.38	4052556.50	0.06982
732446.38	4052581.50	0.07171	732446.38	4052606.50	0.07370
732446.38	4052631.50	0.07582	732446.38	4052656.50	0.07809
732446.38	4052681.50	0.08055	732446.38	4052706.50	0.08320

732446.38	4052731.50	0.08608	732446.38	4052756.50	0.08921
732446.38	4052781.50	0.09258	732446.38	4052806.50	0.09619
732446.38	4052831.50	0.10001	732446.38	4052856.50	0.10405
732446.38	4052881.50	0.10828	732446.38	4052906.50	0.11270
732446.38	4052931.50	0.11727	732446.38	4052956.50	0.12202
732446.38	4052981.50	0.12695	732446.38	4053006.50	0.13202
732446.38	4053031.50	0.13716	732446.38	4053056.50	0.14240
732446.38	4053081.50	0.14760	732446.38	4053106.50	0.15261
732446.38	4053131.50	0.15749	732446.38	4053156.50	0.16218
732446.38	4053181.50	0.16658	732446.38	4053206.50	0.17070
732446.38	4053231.50	0.17461	732446.38	4053981.50	0.11965
732446.38	4054006.50	0.11532	732446.38	4054031.50	0.11113
732446.38	4054056.50	0.10706	732446.38	4055231.50	0.02133
732446.38	4055256.50	0.02081	732446.38	4055281.50	0.02031
732446.38	4055306.50	0.01984	732446.38	4055331.50	0.01938
732471.38	4052331.50	0.05882	732471.38	4052356.50	0.06023
732471.38	4052381.50	0.06170	732471.38	4052406.50	0.06321
732471.38	4052431.50	0.06480	732471.38	4052456.50	0.06645
732471.38	4052481.50	0.06817	732471.38	4052506.50	0.06997
732471.38	4052531.50	0.07185	732471.38	4052556.50	0.07384
732471.38	4052581.50	0.07592	732471.38	4052606.50	0.07811

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732471.38	4052631.50	0.08046	732471.38	4052656.50	0.08295
732471.38	4052681.50	0.08564	732471.38	4052706.50	0.08856
732471.38	4052731.50	0.09172	732471.38	4052756.50	0.09517
732471.38	4052781.50	0.09887	732471.38	4052806.50	0.10284
732471.38	4052831.50	0.10707	732471.38	4052856.50	0.11157
732471.38	4052881.50	0.11630	732471.38	4052906.50	0.12123
732471.38	4052931.50	0.12636	732471.38	4052956.50	0.13165
732471.38	4052981.50	0.13711	732471.38	4053006.50	0.14279
732471.38	4053031.50	0.14856	732471.38	4053056.50	0.15434
732471.38	4053081.50	0.15999	732471.38	4053106.50	0.16556
732471.38	4053131.50	0.17088	732471.38	4053156.50	0.17591
732471.38	4053181.50	0.18070	732471.38	4053206.50	0.18521
732471.38	4053231.50	0.18935	732471.38	4053981.50	0.12297
732471.38	4054006.50	0.11826	732471.38	4054031.50	0.11369
732471.38	4054056.50	0.10926	732471.38	4055231.50	0.02119
732471.38	4055256.50	0.02068	732471.38	4055281.50	0.02020
732471.38	4055306.50	0.01973	732471.38	4055331.50	0.01929
732496.38	4052331.50	0.06167	732496.38	4052356.50	0.06323
732496.38	4052381.50	0.06483	732496.38	4052406.50	0.06650
732496.38	4052431.50	0.06824	732496.38	4052456.50	0.07006
732496.38	4052481.50	0.07185	732496.38	4052506.50	0.07395
732496.38	4052531.50	0.07602	732496.38	4052556.50	0.07822
732496.38	4052581.50	0.08053	732496.38	4052606.50	0.08298
732496.38	4052631.50	0.08558	732496.38	4052656.50	0.08836
732496.38	4052681.50	0.09132	732496.38	4052706.50	0.09452
732496.38	4052731.50	0.09799	732496.38	4052756.50	0.10179
732496.38	4052781.50	0.10591	732496.38	4052806.50	0.11034
732496.38	4052831.50	0.11508	732496.38	4052856.50	0.12012
732496.38	4052881.50	0.12542	732496.38	4052906.50	0.13095
732496.38	4052931.50	0.13670	732496.38	4052956.50	0.14269
732496.38	4052981.50	0.14887	732496.38	4053006.50	0.15520
732496.38	4053031.50	0.16164	732496.38	4053056.50	0.16808
732496.38	4053081.50	0.17440	732496.38	4053106.50	0.18043
732496.38	4053131.50	0.18627	732496.38	4053156.50	0.19182
732496.38	4053181.50	0.19701	732496.38	4053206.50	0.20183
732496.38	4053231.50	0.20635	732496.38	4053981.50	0.12624
732496.38	4054006.50	0.12109	732496.38	4054031.50	0.11612
732496.38	4054056.50	0.11133	732496.38	4054081.50	0.10674
732496.38	4055231.50	0.02107	732496.38	4055256.50	0.02057
732496.38	4055281.50	0.02010	732496.38	4055306.50	0.01965

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732496.38	4055331.50	0.01922	732521.38	4052331.50	0.06473
732521.38	4052356.50	0.06644	732521.38	4052381.50	0.06822
732521.38	4052406.50	0.07007	732521.38	4052431.50	0.07199
732521.38	4052456.50	0.07400	732521.38	4052481.50	0.07610
732521.38	4052506.50	0.07830	732521.38	4052531.50	0.08062
732521.38	4052556.50	0.08306	732521.38	4052581.50	0.08564
732521.38	4052606.50	0.08837	732521.38	4052631.50	0.09126
732521.38	4052656.50	0.09434	732521.38	4052681.50	0.09765
732521.38	4052706.50	0.10123	732521.38	4052731.50	0.10508
732521.38	4052756.50	0.10929	732521.38	4052781.50	0.11388
732521.38	4052806.50	0.11883	732521.38	4052831.50	0.12414
732521.38	4052856.50	0.12982	732521.38	4052881.50	0.13583
732521.38	4052906.50	0.14211	732521.38	4052931.50	0.14865
732521.38	4052956.50	0.15540	732521.38	4052981.50	0.16240
732521.38	4053006.50	0.16963	732521.38	4053031.50	0.17690
732521.38	4053056.50	0.18401	732521.38	4053081.50	0.19102
732521.38	4053106.50	0.19779	732521.38	4053131.50	0.20421
732521.38	4053156.50	0.21023	732521.38	4053181.50	0.21593
732521.38	4053206.50	0.22123	732521.38	4053231.50	0.22603
732521.38	4053981.50	0.12941	732521.38	4054006.50	0.12378
732521.38	4054031.50	0.11841	732521.38	4054056.50	0.11326
732521.38	4054081.50	0.10833	732521.38	4055231.50	0.02097
732521.38	4055256.50	0.02049	732521.38	4055281.50	0.02003
732521.38	4055306.50	0.01959	732521.38	4055331.50	0.01918
732546.38	4052331.50	0.06803	732546.38	4052356.50	0.06992
732546.38	4052381.50	0.07189	732546.38	4052406.50	0.07393

732546.38	4052431.50	0.07607	732546.38	4052456.50	0.07831
732546.38	4052481.50	0.08065	732546.38	4052506.50	0.08309
732546.38	4052531.50	0.08568	732546.38	4052556.50	0.08839
732546.38	4052581.50	0.09126	732546.38	4052606.50	0.09433
732546.38	4052631.50	0.09759	732546.38	4052656.50	0.10107
732546.38	4052681.50	0.10478	732546.38	4052706.50	0.10876
732546.38	4052731.50	0.11308	732546.38	4052756.50	0.11777
732546.38	4052781.50	0.12291	732546.38	4052806.50	0.12850
732546.38	4052831.50	0.13453	732546.38	4052856.50	0.14097
732546.38	4052881.50	0.14778	732546.38	4052906.50	0.15496
732546.38	4052931.50	0.16246	732546.38	4052956.50	0.17026
732546.38	4052981.50	0.17830	732546.38	4053006.50	0.18647
732546.38	4053031.50	0.19469	732546.38	4053056.50	0.20282
732546.38	4053081.50	0.21062	732546.38	4053106.50	0.21810

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732546.38	4053131.50	0.22520	732546.38	4053156.50	0.23192
732546.38	4053181.50	0.23814	732546.38	4053206.50	0.24387
732546.38	4053231.50	0.24907	732546.38	4053981.50	0.13241
732546.38	4054006.50	0.12633	732546.38	4054031.50	0.12053
732546.38	4054056.50	0.11501	732546.38	4054081.50	0.10976
732546.38	4055231.50	0.02089	732546.38	4055256.50	0.02042
732546.38	4055281.50	0.01997	732546.38	4055306.50	0.01955
732546.38	4055331.50	0.01914	732571.38	4052331.50	0.07158
732571.38	4052356.50	0.07366	732571.38	4052381.50	0.07585
732571.38	4052406.50	0.07813	732571.38	4052431.50	0.08052
732571.38	4052456.50	0.08301	732571.38	4052481.50	0.08561
732571.38	4052506.50	0.08835	732571.38	4052531.50	0.09125
732571.38	4052556.50	0.09431	732571.38	4052581.50	0.09755
732571.38	4052606.50	0.10099	732571.38	4052631.50	0.10466
732571.38	4052656.50	0.10858	732571.38	4052681.50	0.11278
732571.38	4052706.50	0.11730	732571.38	4052731.50	0.12218
732571.38	4052756.50	0.12748	732571.38	4052781.50	0.13326
732571.38	4052806.50	0.13959	732571.38	4052831.50	0.14646
732571.38	4052856.50	0.15386	732571.38	4052881.50	0.16176
732571.38	4052906.50	0.17005	732571.38	4052931.50	0.17872
732571.38	4052956.50	0.18765	732571.38	4052981.50	0.19697
732571.38	4053006.50	0.20647	732571.38	4053031.50	0.21590
732571.38	4053056.50	0.22500	732571.38	4053081.50	0.23383
732571.38	4053106.50	0.24226	732571.38	4053131.50	0.25022
732571.38	4053156.50	0.25755	732571.38	4053181.50	0.26440
732571.38	4053206.50	0.27068	732571.38	4053231.50	0.27624
732571.38	4054006.50	0.12870	732571.38	4054031.50	0.12249
732571.38	4054056.50	0.11660	732571.38	4054081.50	0.11106
732571.38	4055231.50	0.02083	732571.38	4055256.50	0.02037
732571.38	4055281.50	0.01994	732571.38	4055306.50	0.01952
732571.38	4055331.50	0.01912	732596.38	4052331.50	0.07540
732596.38	4052356.50	0.07771	732596.38	4052381.50	0.08013
732596.38	4052406.50	0.08267	732596.38	4052431.50	0.08534
732596.38	4052456.50	0.08813	732596.38	4052481.50	0.09107
732596.38	4052506.50	0.09416	732596.38	4052531.50	0.09742
732596.38	4052556.50	0.10086	732596.38	4052581.50	0.10451
732596.38	4052606.50	0.10842	732596.38	4052631.50	0.11259
732596.38	4052656.50	0.11707	732596.38	4052681.50	0.12186
732596.38	4052706.50	0.12701	732596.38	4052731.50	0.13257
732596.38	4052756.50	0.13861	732596.38	4052781.50	0.14523

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732596.38	4052806.50	0.15248	732596.38	4052831.50	0.16040
732596.38	4052856.50	0.16895	732596.38	4052881.50	0.17808
732596.38	4052906.50	0.18775	732596.38	4052931.50	0.19791
732596.38	4052956.50	0.20851	732596.38	4052981.50	0.21936
732596.38	4053006.50	0.23030	732596.38	4053031.50	0.24120
732596.38	4053056.50	0.25174	732596.38	4053081.50	0.26174
732596.38	4053106.50	0.27125	732596.38	4053131.50	0.28013
732596.38	4053156.50	0.28841	732596.38	4053181.50	0.29596
732596.38	4053206.50	0.30269	732596.38	4053231.50	0.30872
732596.38	4054006.50	0.13089	732596.38	4054031.50	0.12427
732596.38	4054056.50	0.11806	732596.38	4054081.50	0.11222
732596.38	4055231.50	0.02078	732596.38	4055256.50	0.02033
732596.38	4055281.50	0.01991	732596.38	4055306.50	0.01950
732596.38	4055331.50	0.01911	732621.38	4052331.50	0.07951
732621.38	4052356.50	0.08206	732621.38	4052381.50	0.08476
732621.38	4052406.50	0.08759	732621.38	4052431.50	0.09058
732621.38	4052456.50	0.09372	732621.38	4052481.50	0.09702
732621.38	4052506.50	0.10050	732621.38	4052531.50	0.10420
732621.38	4052556.50	0.10813	732621.38	4052581.50	0.11230
732621.38	4052606.50	0.11676	732621.38	4052631.50	0.12151
732621.38	4052656.50	0.12662	732621.38	4052681.50	0.13214
732621.38	4052706.50	0.13809	732621.38	4052731.50	0.14453
732621.38	4052756.50	0.15150	732621.38	4052781.50	0.15912
732621.38	4052806.50	0.16749	732621.38	4052831.50	0.17669
732621.38	4052856.50	0.18674	732621.38	4052881.50	0.19757
732621.38	4052906.50	0.20902	732621.38	4052931.50	0.22103
732621.38	4052956.50	0.23357	732621.38	4052981.50	0.24649
732621.38	4053006.50	0.25948	732621.38	4053031.50	0.27213
732621.38	4053056.50	0.28420	732621.38	4053081.50	0.29570
732621.38	4053106.50	0.30656	732621.38	4053131.50	0.31667
732621.38	4053156.50	0.32580	732621.38	4053181.50	0.33407
732621.38	4053206.50	0.34154	732621.38	4053231.50	0.34810
732621.38	4054006.50	0.13290	732621.38	4054031.50	0.12592

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732621.38 4054056.50 0.11939 732621.38 4054081.50 0.11328
732621.38 4055231.50 0.02074 732621.38 4055256.50 0.02031
732621.38 4055281.50 0.01989 732621.38 4055306.50 0.01949
732621.38 4055331.50 0.01911 732646.38 4052331.50 0.08390
732646.38 4052356.50 0.08674 732646.38 4052381.50 0.08974
732646.38 4052406.50 0.09291 732646.38 4052431.50 0.09625
732646.38 4052456.50 0.09979 732646.38 4052481.50 0.10353

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732646.38	4052506.50	0.10750	732646.38	4052531.50	0.11171
732646.38	4052556.50	0.11618	732646.38	4052581.50	0.12096
732646.38	4052606.50	0.12607	732646.38	4052631.50	0.13158
732646.38	4052656.50	0.13751	732646.38	4052681.50	0.14389
732646.38	4052706.50	0.15081	732646.38	4052731.50	0.15830
732646.38	4052756.50	0.16648	732646.38	4052781.50	0.17543
732646.38	4052806.50	0.18527	732646.38	4052831.50	0.19614
732646.38	4052856.50	0.20804	732646.38	4052881.50	0.22098
732646.38	4052906.50	0.23477	732646.38	4052931.50	0.24936
732646.38	4052956.50	0.26461	732646.38	4052981.50	0.28007
732646.38	4053006.50	0.29541	732646.38	4053031.50	0.31034
732646.38	4053056.50	0.32457	732646.38	4053081.50	0.33789
732646.38	4053106.50	0.35028	732646.38	4053131.50	0.36161
732646.38	4053156.50	0.37202	732646.38	4053181.50	0.38126
732646.38	4053206.50	0.38931	732646.38	4053231.50	0.39624
732646.38	4054006.50	0.13479	732646.38	4054031.50	0.12745
732646.38	4054056.50	0.12062	732646.38	4054081.50	0.11426
732646.38	4055231.50	0.02071	732646.38	4055256.50	0.02028
732646.38	4055281.50	0.01988	732646.38	4055306.50	0.01948
732646.38	4055331.50	0.01911	732671.38	4052331.50	0.08858
732671.38	4052356.50	0.09175	732671.38	4052381.50	0.09511
732671.38	4052406.50	0.09865	732671.38	4052431.50	0.10242
732671.38	4052456.50	0.10641	732671.38	4052481.50	0.11064
732671.38	4052506.50	0.11514	732671.38	4052531.50	0.11996
732671.38	4052556.50	0.12512	732671.38	4052581.50	0.13063
732671.38	4052606.50	0.13656	732671.38	4052631.50	0.14295
732671.38	4052656.50	0.14985	732671.38	4052681.50	0.15733
732671.38	4052706.50	0.16548	732671.38	4052731.50	0.17438
732671.38	4052756.50	0.18407	732671.38	4052781.50	0.19470
732671.38	4052806.50	0.20642	732671.38	4052831.50	0.21944
732671.38	4052856.50	0.23393	732671.38	4052881.50	0.24973
732671.38	4052906.50	0.26673	732671.38	4052931.50	0.28467
732671.38	4052956.50	0.30338	732671.38	4052981.50	0.32241
732671.38	4053006.50	0.34105	732671.38	4053031.50	0.35894
732671.38	4053056.50	0.37561	732671.38	4053081.50	0.39113
732671.38	4053106.50	0.40551	732671.38	4053131.50	0.41859
732671.38	4053156.50	0.43008	732671.38	4053181.50	0.44024
732671.38	4053206.50	0.44922	732671.38	4053231.50	0.45680
732671.38	4054006.50	0.13657	732671.38	4054031.50	0.12888
732671.38	4054056.50	0.12178	732671.38	4054081.50	0.11518

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 171

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732671.38	4055231.50	0.02069	732671.38	4055256.50	0.02027
732671.38	4055281.50	0.01986	732671.38	4055306.50	0.01948
732671.38	4055331.50	0.01911	732696.38	4052331.50	0.09356
732696.38	4052356.50	0.09709	732696.38	4052381.50	0.10086
732696.38	4052406.50	0.10483	732696.38	4052431.50	0.10906
732696.38	4052456.50	0.11357	732696.38	4052481.50	0.11840
732696.38	4052506.50	0.12357	732696.38	4052531.50	0.12908
732696.38	4052556.50	0.13505	732696.38	4052581.50	0.14142
732696.38	4052606.50	0.14831	732696.38	4052631.50	0.15580
732696.38	4052656.50	0.16394	732696.38	4052681.50	0.17284
732696.38	4052706.50	0.18247	732696.38	4052731.50	0.19309
732696.38	4052756.50	0.20481	732696.38	4052781.50	0.21777
732696.38	4052806.50	0.23210	732696.38	4052831.50	0.24808
732696.38	4052856.50	0.26588	732696.38	4052881.50	0.28567
732696.38	4052906.50	0.30711	732696.38	4052931.50	0.33001
732696.38	4052956.50	0.35379	732696.38	4052981.50	0.37747
732696.38	4053006.50	0.40036	732696.38	4053031.50	0.42192
732696.38	4053056.50	0.44205	732696.38	4053081.50	0.46045
732696.38	4053106.50	0.47704	732696.38	4053131.50	0.49181
732696.38	4053156.50	0.50500	732696.38	4053181.50	0.51648
732696.38	4053206.50	0.52604	732696.38	4053231.50	0.53405
732696.38	4054006.50	0.13824	732696.38	4054031.50	0.13024
732696.38	4054056.50	0.12285	732696.38	4054081.50	0.11601
732696.38	4055231.50	0.02067	732696.38	4055256.50	0.02025
732696.38	4055281.50	0.01986	732696.38	4055306.50	0.01948
732696.38	4055331.50	0.01911	732721.38	4052331.50	0.09883
732721.38	4052356.50	0.10278	732721.38	4052381.50	0.10697
732721.38	4052406.50	0.11145	732721.38	4052431.50	0.11624
732721.38	4052456.50	0.12138	732721.38	4052481.50	0.12685
732721.38	4052506.50	0.13273	732721.38	4052531.50	0.13912
732721.38	4052556.50	0.14597	732721.38	4052581.50	0.15342
732721.38	4052606.50	0.16152	732721.38	4052631.50	0.17036
732721.38	4052656.50	0.18004	732721.38	4052681.50	0.19057
732721.38	4052706.50	0.20230	732721.38	4052731.50	0.21528
732721.38	4052756.50	0.22968	732721.38	4052781.50	0.24573
732721.38	4052806.50	0.26350	732721.38	4052831.50	0.28364
732721.38	4052856.50	0.30644	732721.38	4052881.50	0.33210
732721.38	4052906.50	0.36022	732721.38	4052931.50	0.39012
732721.38	4052956.50	0.42107	732721.38	4052981.50	0.45153
732721.38	4053006.50	0.48035	732721.38	4053031.50	0.50712

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732721.38	4053056.50	0.53133	732721.38	4053081.50	0.55288
732721.38	4053106.50	0.57247	732721.38	4053131.50	0.58969
732721.38	4053156.50	0.60462	732721.38	4053181.50	0.61708
732721.38	4053206.50	0.62812	732721.38	4053231.50	0.63711
732721.38	4054006.50	0.13980	732721.38	4054031.50	0.13147
732721.38	4054056.50	0.12380	732721.38	4054081.50	0.11673
732721.38	4055231.50	0.02065	732721.38	4055256.50	0.02024
732721.38	4055281.50	0.01985	732721.38	4055306.50	0.01947
732721.38	4055331.50	0.01911	732746.38	4052331.50	0.10445
732746.38	4052356.50	0.10884	732746.38	4052381.50	0.11353
732746.38	4052406.50	0.11857	732746.38	4052431.50	0.12396
732746.38	4052456.50	0.12975	732746.38	4052481.50	0.13602
732746.38	4052506.50	0.14278	732746.38	4052531.50	0.15013
732746.38	4052556.50	0.15810	732746.38	4052581.50	0.16680
732746.38	4052606.50	0.17632	732746.38	4052631.50	0.18678
732746.38	4052656.50	0.19836	732746.38	4052681.50	0.21124
732746.38	4052706.50	0.22556	732746.38	4052731.50	0.24158
732746.38	4052756.50	0.25946	732746.38	4052781.50	0.27986
732746.38	4052806.50	0.30303	732746.38	4052831.50	0.32935
732746.38	4052856.50	0.35973	732746.38	4052881.50	0.39422
732746.38	4052906.50	0.43273	732746.38	4052931.50	0.47446
732746.38	4052956.50	0.51666	732746.38	4052981.50	0.55679
732746.38	4053006.50	0.59358	732746.38	4053031.50	0.62670
732746.38	4053056.50	0.65637	732746.38	4053081.50	0.68268
732746.38	4053106.50	0.70562	732746.38	4053131.50	0.72510
732746.38	4053156.50	0.74257	732746.38	4053181.50	0.75759
732746.38	4053206.50	0.76987	732746.38	4053231.50	0.78032
732746.38	4054006.50	0.14119	732746.38	4054031.50	0.13254
732746.38	4054056.50	0.12460	732746.38	4054081.50	0.11730
732746.38	4055231.50	0.02063	732746.38	4055256.50	0.02022
732746.38	4055281.50	0.01983	732746.38	4055306.50	0.01946
732746.38	4055331.50	0.01910	732771.38	4052331.50	0.11043
732771.38	4052356.50	0.11530	732771.38	4052381.50	0.12055
732771.38	4052406.50	0.12617	732771.38	4052431.50	0.13226
732771.38	4052456.50	0.13885	732771.38	4052481.50	0.14598
732771.38	4052506.50	0.15373	732771.38	4052531.50	0.16219
732771.38	4052556.50	0.17146	732771.38	4052581.50	0.18165
732771.38	4052606.50	0.19292	732771.38	4052631.50	0.20543
732771.38	4052656.50	0.21937	732771.38	4052681.50	0.23502
732771.38	4052706.50	0.25272	732771.38	4052731.50	0.27285

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732771.38	4052756.50	0.29597	732771.38	4052781.50	0.32255
732771.38	4052806.50	0.35335	732771.38	4052831.50	0.38978
732771.38	4052856.50	0.43238	732771.38	4052881.50	0.48245
732771.38	4052906.50	0.53987	732771.38	4052931.50	0.60185
732771.38	4052956.50	0.66187	732771.38	4052981.50	0.71659
732771.38	4053006.50	0.76507	732771.38	4053031.50	0.80717
732771.38	4053056.50	0.84345	732771.38	4053081.50	0.87520
732771.38	4053106.50	0.90260	732771.38	4053131.50	0.92717
732771.38	4053156.50	0.94803	732771.38	4053181.50	0.96649
732771.38	4053206.50	0.98207	732771.38	4053231.50	0.99493
732771.38	4054006.50	0.14234	732771.38	4054031.50	0.13339
732771.38	4054056.50	0.12519	732771.38	4054081.50	0.11766
732771.38	4055231.50	0.02061	732771.38	4055256.50	0.02021
732771.38	4055281.50	0.01982	732771.38	4055306.50	0.01945
732771.38	4055331.50	0.01910	732796.38	4052331.50	0.11685
732796.38	4052356.50	0.12227	732796.38	4052381.50	0.12810
732796.38	4052406.50	0.13443	732796.38	4052431.50	0.14127
732796.38	4052456.50	0.14874	732796.38	4052481.50	0.15684
732796.38	4052506.50	0.16571	732796.38	4052531.50	0.17549
732796.38	4052556.50	0.18625	732796.38	4052581.50	0.19822
732796.38	4052606.50	0.21154	732796.38	4052631.50	0.22650
732796.38	4052656.50	0.24328	732796.38	4052681.50	0.26255
732796.38	4052706.50	0.28468	732796.38	4052731.50	0.31034
732796.38	4052756.50	0.34032	732796.38	4052781.50	0.37619
732796.38	4052806.50	0.41953	732796.38	4052831.50	0.47264
732796.38	4052856.50	0.53851	732796.38	4052881.50	0.61960
732796.38	4052906.50	0.71611	732796.38	4052931.50	0.81801
732796.38	4052956.50	0.91015	732796.38	4052981.50	0.98754
732796.38	4053006.50	1.05150	732796.38	4053031.50	1.10587
732796.38	4053056.50	1.15114	732796.38	4053081.50	1.19244
732796.38	4053106.50	1.22888	732796.38	4053131.50	1.26098
732796.38	4053156.50	1.28879	732796.38	4053181.50	1.31533
732796.38	4053206.50	1.33793	732796.38	4053231.50	1.35617
732796.38	4054006.50	0.14325	732796.38	4054031.50	0.13400
732796.38	4054056.50	0.12555	732796.38	4054081.50	0.11782
732796.38	4055231.50	0.02058	732796.38	4055256.50	0.02018
732796.38	4055281.50	0.01980	732796.38	4055306.50	0.01944
732796.38	4055331.50	0.01908	732821.38	4052331.50	0.12377
732821.38	4052356.50	0.12977	732821.38	4052381.50	0.13627
732821.38	4052406.50	0.14335	732821.38	4052431.50	0.15104

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732821.38	4052456.50	0.15944	732821.38	4052481.50	0.16869
732821.38	4052506.50	0.17885	732821.38	4052531.50	0.19010
732821.38	4052556.50	0.20261	732821.38	4052581.50	0.21659
732821.38	4052606.50	0.23233	732821.38	4052631.50	0.25018
732821.38	4052656.50	0.27072	732821.38	4052681.50	0.29443
732821.38	4052706.50	0.32198	732821.38	4052731.50	0.35497
732821.38	4052756.50	0.39496	732821.38	4052781.50	0.44438
732821.38	4052806.50	0.50731	732821.38	4052831.50	0.59034
732821.38	4052856.50	0.70434	732821.38	4052881.50	0.85891
732821.38	4052906.50	1.03588	732821.38	4052931.50	1.21810
732821.38	4052956.50	1.35597	732821.38	4052981.50	1.45836
732821.38	4053006.50	1.53935	732821.38	4053031.50	1.60620
732821.38	4053056.50	1.66393	732821.38	4053081.50	1.71337
732821.38	4054006.50	0.14387	732821.38	4054031.50	0.13435
732821.38	4054056.50	0.12569	732821.38	4054081.50	0.11778
732821.38	4055256.50	0.02016	732821.38	4055281.50	0.01978
732821.38	4055306.50	0.01942	732821.38	4055331.50	0.01906
732846.38	4052331.50	0.13115	732846.38	4052356.50	0.13780
732846.38	4052381.50	0.14505	732846.38	4052406.50	0.15295
732846.38	4052431.50	0.16161	732846.38	4052456.50	0.17112
732846.38	4052481.50	0.18159	732846.38	4052506.50	0.19325
732846.38	4052531.50	0.20619	732846.38	4052556.50	0.22067
732846.38	4052581.50	0.23701	732846.38	4052606.50	0.25564
732846.38	4052631.50	0.27699	732846.38	4052656.50	0.30170
732846.38	4052681.50	0.33077	732846.38	4052706.50	0.36557
732846.38	4052731.50	0.40802	732846.38	4052756.50	0.46103
732846.38	4052781.50	0.52910	732846.38	4052806.50	0.62194
732846.38	4052831.50	0.75640	732846.38	4052856.50	0.97198
732846.38	4052881.50	1.32822	732846.38	4054006.50	0.14424
732846.38	4054031.50	0.13449	732846.38	4054056.50	0.12563
732846.38	4054081.50	0.11755	732846.38	4055256.50	0.02014
732846.38	4055281.50	0.01976	732846.38	4055306.50	0.01940
732846.38	4055331.50	0.01904	732871.38	4052331.50	0.13908
732871.38	4052356.50	0.14645	732871.38	4052381.50	0.15448
732871.38	4052406.50	0.16333	732871.38	4052431.50	0.17301
732871.38	4052456.50	0.18371	732871.38	4052481.50	0.19558
732871.38	4052506.50	0.20882	732871.38	4052531.50	0.22365
732871.38	4052556.50	0.24041	732871.38	4052581.50	0.25950
732871.38	4052606.50	0.28135	732871.38	4052631.50	0.30666
732871.38	4052656.50	0.33635	732871.38	4052681.50	0.37188

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732871.38	4052706.50	0.41486	732871.38	4052731.50	0.46839
732871.38	4052756.50	0.53690	732871.38	4052781.50	0.62838
732871.38	4052806.50	0.75723	732871.38	4052831.50	0.95278
732871.38	4052856.50	1.27882	732871.38	4052881.50	1.80817
732871.38	4054006.50	0.14437	732871.38	4054031.50	0.13440
732871.38	4054056.50	0.12537	732871.38	4054081.50	0.11717
732871.38	4055256.50	0.02012	732871.38	4055281.50	0.01974
732871.38	4055306.50	0.01937	732871.38	4055331.50	0.01902
732896.38	4052331.50	0.14747	732896.38	4052356.50	0.15558
732896.38	4052381.50	0.16452	732896.38	4052406.50	0.17432
732896.38	4052431.50	0.18515	732896.38	4052456.50	0.19719
732896.38	4052481.50	0.21059	732896.38	4052506.50	0.22560
732896.38	4052531.50	0.24255	732896.38	4052556.50	0.26177
732896.38	4052581.50	0.28379	732896.38	4052606.50	0.30909
732896.38	4052631.50	0.33886	732896.38	4052656.50	0.37411
732896.38	4052681.50	0.41651	732896.38	4052706.50	0.46845
732896.38	4052731.50	0.53386	732896.38	4052756.50	0.61866
732896.38	4052781.50	0.73270	732896.38	4052806.50	0.89351
732896.38	4052831.50	1.13354	732896.38	4052856.50	1.51524
732896.38	4052881.50	2.10046	732896.38	4054006.50	0.14425
732896.38	4054031.50	0.13410	732896.38	4054056.50	0.12493
732896.38	4054081.50	0.11663	732896.38	4055256.50	0.02009
732896.38	4055281.50	0.01971	732896.38	4055306.50	0.01934
732896.38	4055331.50	0.01898	732921.38	4052331.50	0.15630
732921.38	4052356.50	0.16525	732921.38	4052381.50	0.17511
732921.38	4052406.50	0.18598	732921.38	4052431.50	0.19804
732921.38	4052456.50	0.21144	732921.38	4052481.50	0.22646
732921.38	4052506.50	0.24334	732921.38	4052531.50	0.26246
732921.38	4052556.50	0.28429	732921.38	4052581.50	0.30940
732921.38	4052606.50	0.33863	732921.38	4052631.50	0.37295
732921.38	4052656.50	0.41378	732921.38	4052681.50	0.46294
732921.38	4052706.50	0.52383	732921.38	4052731.50	0.60038
732921.38	4052756.50	0.69929	732921.38	4052781.50	0.83114
732921.38	4052806.50	1.01353	732921.38	4052831.50	1.27786
732921.38	4052856.50	1.68287	732921.38	4052881.50	2.28877
732921.38	4054006.50	0.14383	732921.38	4054031.50	0.13356
732921.38	4054056.50	0.12429	732921.38	4054081.50	0.11590
732921.38	4055256.50	0.02006	732921.38	4055281.50	0.01968
732921.38	4055306.50	0.01931	732921.38	4055331.50	0.01895
732946.38	4052331.50	0.16558	732946.38	4052356.50	0.17539

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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732946.38	4052381.50	0.18622	732946.38	4052406.50	0.19818
732946.38	4052431.50	0.21148	732946.38	4052456.50	0.22638
732946.38	4052481.50	0.24308	732946.38	4052506.50	0.26189
732946.38	4052531.50	0.28327	732946.38	4052556.50	0.30779
732946.38	4052581.50	0.33609	732946.38	4052606.50	0.36908
732946.38	4052631.50	0.40781	732946.38	4052656.50	0.45386
732946.38	4052681.50	0.50978	732946.38	4052706.50	0.57845
732946.38	4052731.50	0.66427	732946.38	4052756.50	0.77413
732946.38	4052781.50	0.91836	732946.38	4052806.50	1.11377
732946.38	4052831.50	1.39021	732946.38	4052856.50	1.80359
732946.38	4052881.50	2.41702	732946.38	4054006.50	0.14314
732946.38	4054031.50	0.13276	732946.38	4054056.50	0.12342
732946.38	4054081.50	0.11501	732946.38	4055256.50	0.02002
732946.38	4055281.50	0.01964	732946.38	4055306.50	0.01927
732946.38	4055331.50	0.01891	732971.38	4052331.50	0.17516
732971.38	4052356.50	0.18588	732971.38	4052381.50	0.19769
732971.38	4052406.50	0.21082	732971.38	4052431.50	0.22540
732971.38	4052456.50	0.24176	732971.38	4052481.50	0.26016
732971.38	4052506.50	0.28095	732971.38	4052531.50	0.30461
732971.38	4052556.50	0.33179	732971.38	4052581.50	0.36314
732971.38	4052606.50	0.39945	732971.38	4052631.50	0.44238
732971.38	4052656.50	0.49348	732971.38	4052681.50	0.55492
732971.38	4052706.50	0.62998	732971.38	4052731.50	0.72297
732971.38	4052756.50	0.84041	732971.38	4052781.50	0.99271
732971.38	4052806.50	1.19518	732971.38	4052831.50	1.47685
732971.38	4052856.50	1.89183	732971.38	4052881.50	2.50622
732971.38	4054006.50	0.14214	732971.38	4054031.50	0.13169
732971.38	4054056.50	0.12234	732971.38	4054081.50	0.11392
732971.38	4055256.50	0.01998	732971.38	4055281.50	0.01959
732971.38	4055306.50	0.01922	732971.38	4055331.50	0.01886
732996.38	4052331.50	0.18500	732996.38	4052356.50	0.19664
732996.38	4052381.50	0.20944	732996.38	4052406.50	0.22374
732996.38	4052431.50	0.23960	732996.38	4052456.50	0.25741
732996.38	4052481.50	0.27746	732996.38	4052506.50	0.30022
732996.38	4052531.50	0.32605	732996.38	4052556.50	0.35570
732996.38	4052581.50	0.38986	732996.38	4052606.50	0.42942
732996.38	4052631.50	0.47605	732996.38	4052656.50	0.53122
732996.38	4052681.50	0.59716	732996.38	4052706.50	0.67686
732996.38	4052731.50	0.77518	732996.38	4052756.50	0.89795
732996.38	4052781.50	1.05498	732996.38	4052806.50	1.26152

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732996.38	4052831.50	1.54520	732996.38	4052856.50	1.95969
732996.38	4052881.50	2.57499	732996.38	4054006.50	0.14089
732996.38	4054031.50	0.13042	732996.38	4054056.50	0.12106
732996.38	4054081.50	0.11265	732996.38	4055256.50	0.01993
732996.38	4055281.50	0.01954	732996.38	4055306.50	0.01917
732996.38	4055331.50	0.01880	733021.38	4052331.50	0.19504
733021.38	4052356.50	0.20756	733021.38	4052381.50	0.22139
733021.38	4052406.50	0.23676	733021.38	4052431.50	0.25394
733021.38	4052456.50	0.27318	733021.38	4052481.50	0.29482
733021.38	4052506.50	0.31929	733021.38	4052531.50	0.34717
733021.38	4052556.50	0.37894	733021.38	4052581.50	0.41559
733021.38	4052606.50	0.45815	733021.38	4052631.50	0.50782
733021.38	4052656.50	0.56601	733021.38	4052681.50	0.63553
733021.38	4052706.50	0.71911	733021.38	4052731.50	0.82105
733021.38	4052756.50	0.94711	733021.38	4052781.50	1.10688
733021.38	4052806.50	1.31546	733021.38	4052831.50	1.59970
733021.38	4052856.50	2.01225	733021.38	4052881.50	2.62301
733021.38	4054006.50	0.13945	733021.38	4054031.50	0.12896
733021.38	4054056.50	0.11961	733021.38	4054081.50	0.11125
733021.38	4055256.50	0.01987	733021.38	4055281.50	0.01948
733021.38	4055306.50	0.01910	733021.38	4055331.50	0.01874
733046.38	4052331.50	0.20516	733046.38	4052356.50	0.21853
733046.38	4052381.50	0.23337	733046.38	4052406.50	0.24981
733046.38	4052431.50	0.26817	733046.38	4052456.50	0.28874
733046.38	4052481.50	0.31185	733046.38	4052506.50	0.33793
733046.38	4052531.50	0.36753	733046.38	4052556.50	0.40136
733046.38	4052581.50	0.44020	733046.38	4052606.50	0.48509
733046.38	4052631.50	0.53696	733046.38	4052656.50	0.59801
733046.38	4052681.50	0.67021	733046.38	4052706.50	0.75633
733046.38	4052731.50	0.86062	733046.38	4052756.50	0.98877
733046.38	4052781.50	1.14998	733046.38	4052806.50	1.35936
733046.38	4052831.50	1.64284	733046.38	4052856.50	2.05080
733046.38	4052881.50	2.65954	733046.38	4054006.50	0.13782
733046.38	4054031.50	0.12735	733046.38	4054056.50	0.11805
733046.38	4054081.50	0.10974	733046.38	4055256.50	0.01981
733046.38	4055281.50	0.01941	733046.38	4055306.50	0.01903
733046.38	4055331.50	0.01866	733071.38	4052331.50	0.21523
733071.38	4052356.50	0.22944	733071.38	4052381.50	0.24519
733071.38	4052406.50	0.26264	733071.38	4052431.50	0.28208
733071.38	4052456.50	0.30384	733071.38	4052481.50	0.32831

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733071.38	4052506.50	0.35582	733071.38	4052531.50	0.38703
733071.38	4052556.50	0.42257	733071.38	4052581.50	0.46307
733071.38	4052606.50	0.50967	733071.38	4052631.50	0.56372
733071.38	4052656.50	0.62671	733071.38	4052681.50	0.70082
733071.38	4052706.50	0.78866	733071.38	4052731.50	0.89442
733071.38	4052756.50	1.02368	733071.38	4052781.50	1.18574

733071.38	4052806.50	1.39486	733071.38	4052831.50	1.67660
733071.38	4052856.50	2.08077	733071.38	4052881.50	2.68670
733071.38	4054006.50	0.13607	733071.38	4054031.50	0.12566
733071.38	4054056.50	0.11640	733071.38	4054081.50	0.10816
733071.38	4055256.50	0.01972	733071.38	4055281.50	0.01933
733071.38	4055306.50	0.01894	733071.38	4055331.50	0.01858
733096.38	4052331.50	0.22512	733096.38	4052356.50	0.24010
733096.38	4052381.50	0.25665	733096.38	4052406.50	0.27510
733096.38	4052431.50	0.29553	733096.38	4052456.50	0.31837
733096.38	4052481.50	0.34398	733096.38	4052506.50	0.37279
733096.38	4052531.50	0.40526	733096.38	4052556.50	0.44209
733096.38	4052581.50	0.48409	733096.38	4052606.50	0.53221
733096.38	4052631.50	0.58775	733096.38	4052656.50	0.65211
733096.38	4052681.50	0.72716	733096.38	4052706.50	0.81623
733096.38	4052731.50	0.92294	733096.38	4052756.50	1.05300
733096.38	4052781.50	1.21515	733096.38	4052806.50	1.42344
733096.38	4052831.50	1.70318	733096.38	4052856.50	2.10356
733096.38	4052881.50	2.70539	733096.38	4054006.50	0.13421
733096.38	4054031.50	0.12386	733096.38	4054056.50	0.11470
733096.38	4054081.50	0.10656	733096.38	4054106.50	0.09930
733096.38	4055256.50	0.01962	733096.38	4055281.50	0.01923
733096.38	4055306.50	0.01885	733096.38	4055331.50	0.01848
733121.38	4052331.50	0.23467	733121.38	4052356.50	0.25042
733121.38	4052381.50	0.26777	733121.38	4052406.50	0.28701
733121.38	4052431.50	0.30836	733121.38	4052456.50	0.33216
733121.38	4052481.50	0.35872	733121.38	4052506.50	0.38855
733121.38	4052531.50	0.42208	733121.38	4052556.50	0.46000
733121.38	4052581.50	0.50312	733121.38	4052606.50	0.55229
733121.38	4052631.50	0.60874	733121.38	4052656.50	0.67405
733121.38	4052681.50	0.75020	733121.38	4052706.50	0.84004
733121.38	4052731.50	0.94723	733121.38	4052756.50	1.07735
733121.38	4052781.50	1.23895	733121.38	4052806.50	1.44614
733121.38	4052831.50	1.72393	733121.38	4052856.50	2.12018
733121.38	4052881.50	2.71461	733121.38	4054006.50	0.13221

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733121.38	4054031.50	0.12201	733121.38	4054056.50	0.11298
733121.38	4054081.50	0.10495	733121.38	4054106.50	0.09780
733121.38	4055256.50	0.01951	733121.38	4055281.50	0.01912
733121.38	4055306.50	0.01873	733121.38	4055331.50	0.01837
733146.38	4052331.50	0.24392	733146.38	4052356.50	0.26027
733146.38	4052381.50	0.27834	733146.38	4052406.50	0.29828
733146.38	4052431.50	0.32036	733146.38	4052456.50	0.34499
733146.38	4052481.50	0.37236	733146.38	4052506.50	0.40290
733146.38	4052531.50	0.43734	733146.38	4052556.50	0.47611
733146.38	4052581.50	0.52002	733146.38	4052606.50	0.56998
733146.38	4052631.50	0.62713	733146.38	4052656.50	0.69310
733146.38	4052681.50	0.76986	733146.38	4052706.50	0.85999
733146.38	4052731.50	0.96723	733146.38	4052756.50	1.09703
733146.38	4052781.50	1.25795	733146.38	4052806.50	1.46404
733146.38	4052831.50	1.73933	733146.38	4052856.50	2.13093
733146.38	4052881.50	2.71971	733146.38	4054006.50	0.13012
733146.38	4054031.50	0.12010	733146.38	4054056.50	0.11122
733146.38	4054081.50	0.10335	733146.38	4054106.50	0.09635
733146.38	4055256.50	0.01938	733146.38	4055281.50	0.01899
733146.38	4055306.50	0.01861	733146.38	4055331.50	0.01824
733171.38	4052331.50	0.25267	733171.38	4052356.50	0.26957
733171.38	4052381.50	0.28820	733171.38	4052406.50	0.30874
733171.38	4052431.50	0.33145	733171.38	4052456.50	0.35663
733171.38	4052481.50	0.38467	733171.38	4052506.50	0.41598
733171.38	4052531.50	0.45103	733171.38	4052556.50	0.49032
733171.38	4052581.50	0.53475	733171.38	4052606.50	0.58524
733171.38	4052631.50	0.64293	733171.38	4052656.50	0.70919
733171.38	4052681.50	0.78599	733171.38	4052706.50	0.87612
733171.38	4052731.50	0.98337	733171.38	4052756.50	1.12668
733171.38	4052781.50	1.27289	733171.38	4052806.50	1.47759
733171.38	4052831.50	1.75002	733171.38	4052856.50	2.13470
733171.38	4052881.50	2.71626	733171.38	4054031.50	0.11812
733171.38	4054056.50	0.10946	733171.38	4054081.50	0.10178
733171.38	4054106.50	0.09495	733171.38	4055256.50	0.01924
733171.38	4055281.50	0.01885	733171.38	4055306.50	0.01847
733171.38	4055331.50	0.01811	733196.38	4052331.50	0.26085
733196.38	4052356.50	0.27818	733196.38	4052381.50	0.29725
733196.38	4052406.50	0.31833	733196.38	4052431.50	0.34152
733196.38	4052456.50	0.36725	733196.38	4052481.50	0.39575
733196.38	4052506.50	0.42748	733196.38	4052531.50	0.46295

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733196.38	4052556.50	0.50273	733196.38	4052581.50	0.54760
733196.38	4052606.50	0.59835	733196.38	4052631.50	0.65621
733196.38	4052656.50	0.72247	733196.38	4052681.50	0.79927
733196.38	4052706.50	0.89921	733196.38	4052731.50	0.99589
733196.38	4052756.50	1.12485	733196.38	4052781.50	1.28396
733196.38	4052806.50	1.48692	733196.38	4052831.50	1.75591
733196.38	4052856.50	2.13464	733196.38	4052881.50	2.70708
733196.38	4052906.50	3.26895	733196.38	4054031.50	0.11610
733196.38	4054056.50	0.10770	733196.38	4054081.50	0.10024
733196.38	4054106.50	0.09359	733196.38	4055256.50	0.01909
733196.38	4055281.50	0.01870	733196.38	4055306.50	0.01833
733196.38	4055331.50	0.01797	733221.38	4052331.50	0.26833
733221.38	4052356.50	0.28609	733221.38	4052381.50	0.30556

733221.38	4052406.50	0.32698	733221.38	4052431.50	0.35056
733221.38	4052456.50	0.37661	733221.38	4052481.50	0.40541
733221.38	4052506.50	0.43749	733221.38	4052531.50	0.47323
733221.38	4052556.50	0.51327	733221.38	4052581.50	0.55821
733221.38	4052606.50	0.60903	733221.38	4052631.50	0.66684
733221.38	4052656.50	0.73316	733221.38	4052681.50	0.80984
733221.38	4052706.50	0.89946	733221.38	4052731.50	1.00549
733221.38	4052756.50	1.13331	733221.38	4052781.50	1.29097
733221.38	4052806.50	1.49142	733221.38	4052831.50	1.75673
733221.38	4052856.50	2.12997	733221.38	4052881.50	2.69356
733221.38	4052906.50	3.26580	733221.38	4054031.50	0.11406
733221.38	4054056.50	0.10594	733221.38	4054081.50	0.09873
733221.38	4054106.50	0.09231	733221.38	4055256.50	0.01893
733221.38	4055281.50	0.01854	733221.38	4055306.50	0.01818
733221.38	4055331.50	0.01782	733246.38	4052331.50	0.27518
733246.38	4052356.50	0.29322	733246.38	4052381.50	0.31298
733246.38	4052406.50	0.33467	733246.38	4052431.50	0.35841
733246.38	4052456.50	0.38469	733246.38	4052481.50	0.41376
733246.38	4052506.50	0.44601	733246.38	4052531.50	0.48175
733246.38	4052556.50	0.52183	733246.38	4052581.50	0.56687
733246.38	4052606.50	0.61766	733246.38	4052631.50	0.67533
733246.38	4052656.50	0.74142	733246.38	4052681.50	0.81758
733246.38	4052706.50	0.90635	733246.38	4052731.50	1.01162
733246.38	4052756.50	1.13842	733246.38	4052781.50	1.29492
733246.38	4052806.50	1.49254	733246.38	4052831.50	1.75390
733246.38	4052856.50	2.12150	733246.38	4052881.50	2.67614
733246.38	4052906.50	3.25951	733246.38	4054031.50	0.11199

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 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
 *** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* ** ** ** PAGE 181

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733246.38	4054056.50	0.10420	733246.38	4054081.50	0.09726
733246.38	4054106.50	0.09105	733246.38	4055256.50	0.01875
733246.38	4055281.50	0.01838	733246.38	4055306.50	0.01802
733246.38	4055331.50	0.01767	733271.38	4052331.50	0.28128
733271.38	4052356.50	0.29951	733271.38	4052381.50	0.31941
733271.38	4052406.50	0.34120	733271.38	4052431.50	0.36520
733271.38	4052456.50	0.39154	733271.38	4052481.50	0.42066
733271.38	4052506.50	0.45286	733271.38	4052531.50	0.48874
733271.38	4052556.50	0.52876	733271.38	4052581.50	0.57362
733271.38	4052606.50	0.62403	733271.38	4052631.50	0.68145
733271.38	4052656.50	0.74689	733271.38	4052681.50	0.82247
733271.38	4052706.50	0.91071	733271.38	4052731.50	1.01510
733271.38	4052756.50	1.14077	733271.38	4052781.50	1.29486
733271.38	4052806.50	1.48974	733271.38	4052831.50	1.74743
733271.38	4052856.50	2.10926	733271.38	4052881.50	2.65471
733271.38	4052906.50	3.24829	733271.38	4054031.50	0.10993
733271.38	4054056.50	0.10246	733271.38	4054081.50	0.09578
733271.38	4054106.50	0.08980	733271.38	4055256.50	0.01858
733271.38	4055281.50	0.01821	733271.38	4055306.50	0.01786
733271.38	4055331.50	0.01751	733296.38	4052331.50	0.28659
733296.38	4052356.50	0.30486	733296.38	4052381.50	0.32490
733296.38	4052406.50	0.34678	733296.38	4052431.50	0.37076
733296.38	4052456.50	0.39707	733296.38	4052481.50	0.42616
733296.38	4052506.50	0.45832	733296.38	4052531.50	0.49403
733296.38	4052556.50	0.53373	733296.38	4052581.50	0.57822
733296.38	4052606.50	0.62842	733296.38	4052631.50	0.68531
733296.38	4052656.50	0.75024	733296.38	4052681.50	0.82502
733296.38	4052706.50	0.91212	733296.38	4052731.50	1.01540
733296.38	4052756.50	1.13950	733296.38	4052781.50	1.29124
733296.38	4052806.50	1.48343	733296.38	4052831.50	1.73728
733296.38	4052856.50	2.09318	733296.38	4052881.50	2.62947
733296.38	4052906.50	3.23206	733296.38	4054031.50	0.10786
733296.38	4054056.50	0.10069	733296.38	4054081.50	0.09430
733296.38	4054106.50	0.08854	733296.38	4055256.50	0.01840
733296.38	4055281.50	0.01804	733296.38	4055306.50	0.01769
733296.38	4055331.50	0.01735	733321.38	4052331.50	0.29104
733321.38	4052356.50	0.30943	733321.38	4052381.50	0.32937
733321.38	4052406.50	0.35122	733321.38	4052431.50	0.37515
733321.38	4052456.50	0.40140	733321.38	4052481.50	0.43026
733321.38	4052506.50	0.46218	733321.38	4052531.50	0.49757

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 *** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* ** ** ** PAGE 182

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733321.38	4052556.50	0.53699	733321.38	4052581.50	0.58113
733321.38	4052606.50	0.63073	733321.38	4052631.50	0.68685
733321.38	4052656.50	0.75088	733321.38	4052681.50	0.82481
733321.38	4052706.50	0.91090	733321.38	4052731.50	1.01280
733321.38	4052756.50	1.13467	733321.38	4052781.50	1.28419
733321.38	4052806.50	1.47349	733321.38	4052831.50	1.72324
733321.38	4052856.50	2.07309	733321.38	4052881.50	2.59975
733321.38	4052906.50	3.21033	733321.38	4054031.50	0.10573
733321.38	4054056.50	0.09890	733321.38	4054081.50	0.09276
733321.38	4054106.50	0.08720	733321.38	4055256.50	0.01823
733321.38	4055281.50	0.01788	733321.38	4055306.50	0.01753
733321.38	4055331.50	0.01720	733346.38	4052331.50	0.29471
733346.38	4052356.50	0.31300	733346.38	4052381.50	0.33290
733346.38	4052406.50	0.35463	733346.38	4052431.50	0.37831
733346.38	4052456.50	0.40436	733346.38	4052481.50	0.43300
733346.38	4052506.50	0.46459	733346.38	4052531.50	0.49959
733346.38	4052556.50	0.53840	733346.38	4052581.50	0.58190
733346.38	4052606.50	0.63082	733346.38	4052631.50	0.68622
733346.38	4052656.50	0.74944	733346.38	4052681.50	0.82203
733346.38	4052706.50	0.90670	733346.38	4052731.50	1.00689

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733346.38 4052756.50 1.12652 733346.38 4052781.50 1.27350
733346.38 4052806.50 1.45961 733346.38 4052831.50 1.70496
733346.38 4052856.50 2.04844 733346.38 4052881.50 2.56515
733346.38 4052906.50 3.18155 733346.38 4054031.50 0.10355
733346.38 4054056.50 0.09700 733346.38 4054081.50 0.09111
733346.38 4054106.50 0.08578 733346.38 4055256.50 0.01806
733346.38 4055281.50 0.01771 733346.38 4055306.50 0.01738
733346.38 4055331.50 0.01705 733371.38 4052331.50 0.29754
733371.38 4052356.50 0.31572 733371.38 4052381.50 0.33542
733371.38 4052406.50 0.35693 733371.38 4052431.50 0.38041
733371.38 4052456.50 0.40611 733371.38 4052481.50 0.43433
733371.38 4052506.50 0.46545 733371.38 4052531.50 0.49988
733371.38 4052556.50 0.53819 733371.38 4052581.50 0.58096
733371.38 4052606.50 0.62897 733371.38 4052631.50 0.68324
733371.38 4052656.50 0.74512 733371.38 4052681.50 0.81647
733371.38 4052706.50 0.89958 733371.38 4052731.50 0.99750
733371.38 4052756.50 1.11477 733371.38 4052781.50 1.25885
733371.38 4052806.50 1.44131 733371.38 4052831.50 1.68185
733371.38 4052856.50 2.01839 733371.38 4052881.50 2.52464
733371.38 4052906.50 3.14493 733371.38 4054031.50 0.10125

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 183

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733371.38	4054056.50	0.09501	733371.38	4054081.50	0.08937
733371.38	4054106.50	0.08425	733371.38	4055256.50	0.01790
733371.38	4055281.50	0.01756	733371.38	4055306.50	0.01723
733371.38	4055331.50	0.01691	733396.38	4052331.50	0.29960
733396.38	4052356.50	0.31754	733396.38	4052381.50	0.33702
733396.38	4052406.50	0.35822	733396.38	4052431.50	0.38134
733396.38	4052456.50	0.40655	733396.38	4052481.50	0.43431
733396.38	4052506.50	0.46490	733396.38	4052531.50	0.49863
733396.38	4052556.50	0.53602	733396.38	4052581.50	0.57786
733396.38	4052606.50	0.62487	733396.38	4052631.50	0.67801
733396.38	4052656.50	0.73851	733396.38	4052681.50	0.80810
733396.38	4052706.50	0.88926	733396.38	4052731.50	0.98454
733396.38	4052756.50	1.09903	733396.38	4052781.50	1.23971
733396.38	4052806.50	1.41792	733396.38	4052831.50	1.65293
733396.38	4052856.50	1.98181	733396.38	4052881.50	2.47664
733396.38	4052906.50	3.09808	733396.38	4054031.50	0.09884
733396.38	4054056.50	0.09291	733396.38	4054081.50	0.08753
733396.38	4054106.50	0.08261	733396.38	4055256.50	0.01774
733396.38	4055281.50	0.01741	733396.38	4055306.50	0.01708
733396.38	4055331.50	0.01677	733421.38	4052331.50	0.30082
733421.38	4052356.50	0.31850	733421.38	4052381.50	0.33763
733421.38	4052406.50	0.35844	733421.38	4052431.50	0.38111
733421.38	4052456.50	0.40588	733421.38	4052481.50	0.43295
733421.38	4052506.50	0.46274	733421.38	4052531.50	0.49571
733421.38	4052556.50	0.53229	733421.38	4052581.50	0.57296
733421.38	4052606.50	0.61856	733421.38	4052631.50	0.67017
733421.38	4052656.50	0.72902	733421.38	4052681.50	0.79669
733421.38	4052706.50	0.87520	733421.38	4052731.50	0.96765
733421.38	4052756.50	1.07874	733421.38	4052781.50	1.21530
733421.38	4052806.50	1.38840	733421.38	4052831.50	1.61682
733421.38	4052856.50	1.93675	733421.38	4052881.50	2.41854
733421.38	4052906.50	3.03225	733421.38	4054031.50	0.09635
733421.38	4054056.50	0.09070	733421.38	4054081.50	0.08558
733421.38	4054106.50	0.08092	733421.38	4055256.50	0.01759
733421.38	4055281.50	0.01727	733421.38	4055306.50	0.01695
733421.38	4055331.50	0.01664	733446.38	4052331.50	0.30126
733446.38	4052356.50	0.31853	733446.38	4052381.50	0.33731
733446.38	4052406.50	0.35765	733446.38	4052431.50	0.37971
733446.38	4052456.50	0.40384	733446.38	4052481.50	0.43026
733446.38	4052506.50	0.45929	733446.38	4052531.50	0.49112

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*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 184

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733446.38	4052556.50	0.52659	733446.38	4052581.50	0.56600
733446.38	4052606.50	0.61019	733446.38	4052631.50	0.65998
733446.38	4052656.50	0.71685	733446.38	4052681.50	0.78195
733446.38	4052706.50	0.85735	733446.38	4052731.50	0.94632
733446.38	4052756.50	1.05319	733446.38	4052781.50	1.18458
733446.38	4052806.50	1.35119	733446.38	4052831.50	1.57135
733446.38	4052856.50	1.88005	733446.38	4052881.50	2.34560
733446.38	4052906.50	2.95289	733446.38	4054031.50	0.09378
733446.38	4054056.50	0.08846	733446.38	4054081.50	0.08362
733446.38	4054106.50	0.07920	733446.38	4055256.50	0.01746
733446.38	4055281.50	0.01713	733446.38	4055306.50	0.01682
733446.38	4055331.50	0.01652	733471.38	4052331.50	0.30080
733471.38	4052356.50	0.31773	733471.38	4052381.50	0.33597
733471.38	4052406.50	0.35573	733471.38	4052431.50	0.37724
733471.38	4052456.50	0.40056	733471.38	4052481.50	0.42612
733471.38	4052506.50	0.45417	733471.38	4052531.50	0.48506
733471.38	4052556.50	0.51913	733471.38	4052581.50	0.55706
733471.38	4052606.50	0.59936	733471.38	4052631.50	0.64716
733471.38	4052656.50	0.70143	733471.38	4052681.50	0.76349
733471.38	4052706.50	0.83534	733471.38	4052731.50	0.91997
733471.38	4052756.50	1.02148	733471.38	4052781.50	1.14616
733471.38	4052806.50	1.30415	733471.38	4052831.50	1.51319
733471.38	4052856.50	1.80652	733471.38	4052881.50	2.24975
733471.38	4052906.50	2.84145	733471.38	4054031.50	0.09123
733471.38	4054056.50	0.08623	733471.38	4054081.50	0.08166
733471.38	4054106.50	0.07747	733471.38	4055231.50	0.01766
733471.38	4055256.50	0.01733	733471.38	4055281.50	0.01701

733471.38	4055306.50	0.01670	733471.38	4055331.50	0.01640
733496.38	4052331.50	0.29950	733496.38	4052356.50	0.31587
733496.38	4052381.50	0.33362	733496.38	4052406.50	0.35274
733496.38	4052431.50	0.37351	733496.38	4052456.50	0.39608
733496.38	4052481.50	0.42067	733496.38	4052506.50	0.44754
733496.38	4052531.50	0.47711	733496.38	4052556.50	0.50971
733496.38	4052581.50	0.54591	733496.38	4052606.50	0.58624
733496.38	4052631.50	0.63154	733496.38	4052656.50	0.68284
733496.38	4052681.50	0.74120	733496.38	4052706.50	0.80871
733496.38	4052731.50	0.88793	733496.38	4052756.50	0.98257
733496.38	4052781.50	1.09835	733496.38	4052806.50	1.24446
733496.38	4052831.50	1.43732	733496.38	4052856.50	1.70746
733496.38	4052881.50	2.11661	733496.38	4052906.50	2.66638

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733496.38	4053981.50	0.09959	733496.38	4054006.50	0.09388
733496.38	4054031.50	0.08871	733496.38	4054056.50	0.08400
733496.38	4054081.50	0.07970	733496.38	4054106.50	0.07575
733496.38	4054906.50	0.02335	733496.38	4054931.50	0.02277
733496.38	4054956.50	0.02221	733496.38	4054981.50	0.02169
733496.38	4055006.50	0.02119	733496.38	4055031.50	0.02071
733496.38	4055056.50	0.02025	733496.38	4055081.50	0.01981
733496.38	4055106.50	0.01939	733496.38	4055131.50	0.01899
733496.38	4055156.50	0.01861	733496.38	4055181.50	0.01824
733496.38	4055206.50	0.01788	733496.38	4055231.50	0.01754
733496.38	4055256.50	0.01721	733496.38	4055281.50	0.01689
733496.38	4055306.50	0.01658	733496.38	4055331.50	0.01629
733521.38	4052331.50	0.29725	733521.38	4052356.50	0.31308
733521.38	4052381.50	0.33016	733521.38	4052406.50	0.34864
733521.38	4052431.50	0.36859	733521.38	4052456.50	0.39013
733521.38	4052481.50	0.41367	733521.38	4052506.50	0.43936
733521.38	4052531.50	0.46745	733521.38	4052556.50	0.49828
733521.38	4052581.50	0.53242	733521.38	4052606.50	0.57039
733521.38	4052631.50	0.61289	733521.38	4052656.50	0.66062
733521.38	4052681.50	0.71476	733521.38	4052706.50	0.77701
733521.38	4052731.50	0.84953	733521.38	4052756.50	0.93543
733521.38	4052781.50	1.03941	733521.38	4052806.50	1.16899
733521.38	4052831.50	1.33738	733521.38	4052856.50	1.56868
733521.38	4052881.50	1.91338	733521.38	4052906.50	2.37776
733521.38	4052931.50	2.55183	733521.38	4053481.50	1.60051
733521.38	4053506.50	1.45361	733521.38	4053531.50	1.28146
733521.38	4053556.50	1.06934	733521.38	4053581.50	0.80482
733521.38	4053606.50	0.54414	733521.38	4053631.50	0.41092
733521.38	4053656.50	0.33349	733521.38	4053681.50	0.28168
733521.38	4053706.50	0.24430	733521.38	4053731.50	0.21570
733521.38	4053756.50	0.19287	733521.38	4053781.50	0.17433
733521.38	4053806.50	0.15888	733521.38	4053831.50	0.14575
733521.38	4053856.50	0.13456	733521.38	4053881.50	0.12488
733521.38	4053906.50	0.11642	733521.38	4053931.50	0.10893
733521.38	4053956.50	0.10231	733521.38	4053981.50	0.09639
733521.38	4054006.50	0.09107	733521.38	4054031.50	0.08621
733521.38	4054056.50	0.08180	733521.38	4054081.50	0.07777
733521.38	4054106.50	0.07405	733521.38	4054131.50	0.07059
733521.38	4054156.50	0.06738	733521.38	4054181.50	0.06440
733521.38	4054206.50	0.06161	733521.38	4054231.50	0.05899

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733521.38	4054256.50	0.05653	733521.38	4054281.50	0.05422
733521.38	4054306.50	0.05203	733521.38	4054331.50	0.04997
733521.38	4054356.50	0.04801	733521.38	4054381.50	0.04616
733521.38	4054406.50	0.04440	733521.38	4054431.50	0.04274
733521.38	4054456.50	0.04115	733521.38	4054481.50	0.03965
733521.38	4054506.50	0.03822	733521.38	4054531.50	0.03687
733521.38	4054556.50	0.03559	733521.38	4054581.50	0.03437
733521.38	4054606.50	0.03321	733521.38	4054631.50	0.03212
733521.38	4054656.50	0.03108	733521.38	4054681.50	0.03010
733521.38	4054706.50	0.02917	733521.38	4054731.50	0.02828
733521.38	4054756.50	0.02745	733521.38	4054781.50	0.02665
733521.38	4054806.50	0.02589	733521.38	4054831.50	0.02518
733521.38	4054856.50	0.02450	733521.38	4054881.50	0.02386
733521.38	4054906.50	0.02324	733521.38	4054931.50	0.02266
733521.38	4054956.50	0.02210	733521.38	4054981.50	0.02158
733521.38	4055006.50	0.02107	733521.38	4055031.50	0.02059
733521.38	4055056.50	0.02013	733521.38	4055081.50	0.01969
733521.38	4055106.50	0.01928	733521.38	4055131.50	0.01887
733521.38	4055156.50	0.01849	733521.38	4055181.50	0.01812
733521.38	4055206.50	0.01776	733521.38	4055231.50	0.01742
733521.38	4055256.50	0.01709	733521.38	4055281.50	0.01678
733521.38	4055306.50	0.01647	733521.38	4055331.50	0.01618
733546.38	4052331.50	0.29407	733546.38	4052356.50	0.30935
733546.38	4052381.50	0.32575	733546.38	4052406.50	0.34335
733546.38	4052431.50	0.36236	733546.38	4052456.50	0.38296
733546.38	4052481.50	0.40524	733546.38	4052506.50	0.42947
733546.38	4052531.50	0.45590	733546.38	4052556.50	0.48488
733546.38	4052581.50	0.51672	733546.38	4052606.50	0.55192
733546.38	4052631.50	0.59104	733546.38	4052656.50	0.63477
733546.38	4052681.50	0.68397	733546.38	4052706.50	0.73997
733546.38	4052731.50	0.80439	733546.38	4052756.50	0.87949
733546.38	4052781.50	0.96847	733546.38	4052806.50	1.07611
733546.38	4052831.50	1.20984	733546.38	4052856.50	1.38093
733546.38	4052881.50	1.60334	733546.38	4052906.50	1.85337

733546.38	4052931.50	1.98087	733546.38	4052956.50	2.02119
733546.38	4052981.50	2.03420	733546.38	4053006.50	2.03258
733546.38	4053031.50	2.01835	733546.38	4053056.50	1.99802
733546.38	4053081.50	1.97061	733546.38	4053106.50	1.93992
733546.38	4053131.50	1.90408	733546.38	4053156.50	1.86610
733546.38	4053181.50	1.82549	733546.38	4053206.50	1.77982

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733546.38	4053231.50	1.73377	733546.38	4053256.50	1.68248
733546.38	4053281.50	1.62982	733546.38	4053306.50	1.57305
733546.38	4053331.50	1.51191	733546.38	4053356.50	1.44781
733546.38	4053381.50	1.37659	733546.38	4053406.50	1.30175
733546.38	4053431.50	1.21820	733546.38	4053456.50	1.12837
733546.38	4053481.50	1.02766	733546.38	4053506.50	0.91702
733546.38	4053531.50	0.79331	733546.38	4053556.50	0.65739
733546.38	4053581.50	0.52189	733546.38	4053606.50	0.41057
733546.38	4053631.50	0.33758	733546.38	4053656.50	0.28807
733546.38	4053681.50	0.25125	733546.38	4053706.50	0.22230
733546.38	4053731.50	0.19896	733546.38	4053756.50	0.17981
733546.38	4053781.50	0.16377	733546.38	4053806.50	0.15010
733546.38	4053831.50	0.13843	733546.38	4053856.50	0.12834
733546.38	4053881.50	0.11948	733546.38	4053906.50	0.11173
733546.38	4053931.50	0.10486	733546.38	4053956.50	0.09874
733546.38	4053981.50	0.09324	733546.38	4054006.50	0.08826
733546.38	4054031.50	0.08374	733546.38	4054056.50	0.07960
733546.38	4054081.50	0.07583	733546.38	4054106.50	0.07231
733546.38	4054131.50	0.06907	733546.38	4054156.50	0.06604
733546.38	4054181.50	0.06322	733546.38	4054206.50	0.06056
733546.38	4054231.50	0.05807	733546.38	4054256.50	0.05573
733546.38	4054281.50	0.05351	733546.38	4054306.50	0.05142
733546.38	4054331.50	0.04944	733546.38	4054356.50	0.04756
733546.38	4054381.50	0.04578	733546.38	4054406.50	0.04408
733546.38	4054431.50	0.04246	733546.38	4054456.50	0.04092
733546.38	4054481.50	0.03946	733546.38	4054506.50	0.03807
733546.38	4054531.50	0.03674	733546.38	4054556.50	0.03548
733546.38	4054581.50	0.03428	733546.38	4054606.50	0.03314
733546.38	4054631.50	0.03205	733546.38	4054656.50	0.03102
733546.38	4054681.50	0.03004	733546.38	4054706.50	0.02911
733546.38	4054731.50	0.02822	733546.38	4054756.50	0.02739
733546.38	4054781.50	0.02659	733546.38	4054806.50	0.02583
733546.38	4054831.50	0.02512	733546.38	4054856.50	0.02443
733546.38	4054881.50	0.02378	733546.38	4054906.50	0.02317
733546.38	4054931.50	0.02258	733546.38	4054956.50	0.02202
733546.38	4054981.50	0.02149	733546.38	4055006.50	0.02098
733546.38	4055031.50	0.02050	733546.38	4055056.50	0.02004
733546.38	4055081.50	0.01959	733546.38	4055106.50	0.01917
733546.38	4055131.50	0.01877	733546.38	4055156.50	0.01838
733546.38	4055181.50	0.01801	733546.38	4055206.50	0.01766

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733546.38	4055231.50	0.01732	733546.38	4055256.50	0.01699
733546.38	4055281.50	0.01668	733546.38	4055306.50	0.01637
733546.38	4055331.50	0.01608	733571.38	4052331.50	0.29010
733571.38	4052356.50	0.30463	733571.38	4052381.50	0.32024
733571.38	4052406.50	0.33701	733571.38	4052431.50	0.35499
733571.38	4052456.50	0.37435	733571.38	4052481.50	0.39530
733571.38	4052506.50	0.41799	733571.38	4052531.50	0.44259
733571.38	4052556.50	0.46937	733571.38	4052581.50	0.49869
733571.38	4052606.50	0.53090	733571.38	4052631.50	0.56633
733571.38	4052656.50	0.60546	733571.38	4052681.50	0.64907
733571.38	4052706.50	0.69796	733571.38	4052731.50	0.75313
733571.38	4052756.50	0.81581	733571.38	4052781.50	0.88752
733571.38	4052806.50	0.96995	733571.38	4052831.50	1.06456
733571.38	4052856.50	1.17079	733571.38	4052881.50	1.27991
733571.38	4052906.50	1.36906	733571.38	4052931.50	1.41845
733571.38	4052956.50	1.44010	733571.38	4052981.50	1.44819
733571.38	4053006.50	1.44722	733571.38	4053031.50	1.43935
733571.38	4053056.50	1.42625	733571.38	4053081.50	1.40928
733571.38	4053106.50	1.38892	733571.38	4053131.50	1.36475
733571.38	4053156.50	1.33840	733571.38	4053181.50	1.30838
733571.38	4053206.50	1.27658	733571.38	4053231.50	1.24135
733571.38	4053256.50	1.20389	733571.38	4053281.50	1.16332
733571.38	4053306.50	1.11959	733571.38	4053331.50	1.07312
733571.38	4053356.50	1.02222	733571.38	4053381.50	0.96797
733571.38	4053406.50	0.90886	733571.38	4053431.50	0.84534
733571.38	4053456.50	0.77620	733571.38	4053481.50	0.70268
733571.38	4053506.50	0.62444	733571.38	4053531.50	0.54255
733571.38	4053556.50	0.46234	733571.38	4053581.50	0.38974
733571.38	4053606.50	0.33105	733571.38	4053631.50	0.28747
733571.38	4053656.50	0.25344	733571.38	4053681.50	0.22565
733571.38	4053706.50	0.20304	733571.38	4053731.50	0.18407
733571.38	4053756.50	0.16792	733571.38	4053781.50	0.15396
733571.38	4053806.50	0.14197	733571.38	4053831.50	0.13155
733571.38	4053856.50	0.12237	733571.38	4053881.50	0.11435
733571.38	4053906.50	0.10725	733571.38	4053931.50	0.10092
733571.38	4053956.50	0.09524	733571.38	4053981.50	0.09012
733571.38	4054006.50	0.08550	733571.38	4054031.50	0.08129
733571.38	4054056.50	0.07741	733571.38	4054081.50	0.07386
733571.38	4054106.50	0.07058	733571.38	4054131.50	0.06752
733571.38	4054156.50	0.06466	733571.38	4054181.50	0.06198

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733571.38	4054206.50	0.05948	733571.38	4054231.50	0.05710
733571.38	4054256.50	0.05488	733571.38	4054281.50	0.05277
733571.38	4054306.50	0.05077	733571.38	4054331.50	0.04888
733571.38	4054356.50	0.04708	733571.38	4054381.50	0.04536
733571.38	4054406.50	0.04372	733571.38	4054431.50	0.04216
733571.38	4054456.50	0.04068	733571.38	4054481.50	0.03926
733571.38	4054506.50	0.03790	733571.38	4054531.50	0.03660
733571.38	4054556.50	0.03536	733571.38	4054581.50	0.03419
733571.38	4054606.50	0.03306	733571.38	4054631.50	0.03199
733571.38	4054656.50	0.03097	733571.38	4054681.50	0.02999
733571.38	4054706.50	0.02907	733571.38	4054731.50	0.02819
733571.38	4054756.50	0.02735	733571.38	4054781.50	0.02655
733571.38	4054806.50	0.02579	733571.38	4054831.50	0.02507
733571.38	4054856.50	0.02438	733571.38	4054881.50	0.02373
733571.38	4054906.50	0.02311	733571.38	4054931.50	0.02252
733571.38	4054956.50	0.02196	733571.38	4054981.50	0.02142
733571.38	4055006.50	0.02091	733571.38	4055031.50	0.02042
733571.38	4055056.50	0.01995	733571.38	4055081.50	0.01951
733571.38	4055106.50	0.01909	733571.38	4055131.50	0.01868
733571.38	4055156.50	0.01829	733571.38	4055181.50	0.01792
733571.38	4055206.50	0.01756	733571.38	4055231.50	0.01722
733571.38	4055256.50	0.01690	733571.38	4055281.50	0.01658
733571.38	4055306.50	0.01628	733571.38	4055331.50	0.01599
733596.38	4052331.50	0.28519	733596.38	4052356.50	0.29897
733596.38	4052381.50	0.31372	733596.38	4052406.50	0.32952
733596.38	4052431.50	0.34643	733596.38	4052456.50	0.36455
733596.38	4052481.50	0.38397	733596.38	4052506.50	0.40494
733596.38	4052531.50	0.42761	733596.38	4052556.50	0.45203
733596.38	4052581.50	0.47857	733596.38	4052606.50	0.50749
733596.38	4052631.50	0.53893	733596.38	4052656.50	0.57322
733596.38	4052681.50	0.61082	733596.38	4052706.50	0.65213
733596.38	4052731.50	0.69756	733596.38	4052756.50	0.74743
733596.38	4052781.50	0.80190	733596.38	4052806.50	0.86061
733596.38	4052831.50	0.92209	733596.38	4052856.50	0.98281
733596.38	4052881.50	1.03636	733596.38	4052906.50	1.07528
733596.38	4052931.50	1.09829	733596.38	4052956.50	1.11093
733596.38	4052981.50	1.11654	733596.38	4053006.50	1.11554
733596.38	4053031.50	1.11009	733596.38	4053056.50	1.10045
733596.38	4053081.50	1.08777	733596.38	4053106.50	1.07171
733596.38	4053131.50	1.05326	733596.38	4053156.50	1.03185

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733596.38	4053181.50	1.00845	733596.38	4053206.50	0.98216
733596.38	4053231.50	0.95382	733596.38	4053256.50	0.92286
733596.38	4053281.50	0.88929	733596.38	4053306.50	0.85344
733596.38	4053331.50	0.81442	733596.38	4053356.50	0.77310
733596.38	4053381.50	0.72854	733596.38	4053406.50	0.68127
733596.38	4053431.50	0.63124	733596.38	4053456.50	0.57826
733596.38	4053481.50	0.52372	733596.38	4053506.50	0.46794
733596.38	4053531.50	0.41349	733596.38	4053556.50	0.36259
733596.38	4053581.50	0.31773	733596.38	4053606.50	0.28098
733596.38	4053631.50	0.25155	733596.38	4053656.50	0.22633
733596.38	4053681.50	0.20465	733596.38	4053706.50	0.18630
733596.38	4053731.50	0.17052	733596.38	4053756.50	0.15688
733596.38	4053781.50	0.14493	733596.38	4053806.50	0.13440
733596.38	4053831.50	0.12506	733596.38	4053856.50	0.11681
733596.38	4053881.50	0.10948	733596.38	4053906.50	0.10294
733596.38	4053931.50	0.09711	733596.38	4053956.50	0.09185
733596.38	4053981.50	0.08711	733596.38	4054006.50	0.08280
733596.38	4054031.50	0.07884	733596.38	4054056.50	0.07521
733596.38	4054081.50	0.07191	733596.38	4054106.50	0.06882
733596.38	4054131.50	0.06593	733596.38	4054156.50	0.06325
733596.38	4054181.50	0.06073	733596.38	4054206.50	0.05836
733596.38	4054231.50	0.05611	733596.38	4054256.50	0.05400
733596.38	4054281.50	0.05199	733596.38	4054306.50	0.05009
733596.38	4054331.50	0.04828	733596.38	4054356.50	0.04655
733596.38	4054381.50	0.04491	733596.38	4054406.50	0.04334
733596.38	4054431.50	0.04184	733596.38	4054456.50	0.04039
733596.38	4054481.50	0.03902	733596.38	4054506.50	0.03770
733596.38	4054531.50	0.03645	733596.38	4054556.50	0.03524
733596.38	4054581.50	0.03409	733596.38	4054606.50	0.03298
733596.38	4054631.50	0.03192	733596.38	4054656.50	0.03091
733596.38	4054681.50	0.02995	733596.38	4054706.50	0.02903
733596.38	4054731.50	0.02816	733596.38	4054756.50	0.02732
733596.38	4054781.50	0.02652	733596.38	4054806.50	0.02576
733596.38	4054831.50	0.02504	733596.38	4054856.50	0.02435
733596.38	4054881.50	0.02369	733596.38	4054906.50	0.02307
733596.38	4054931.50	0.02247	733596.38	4054956.50	0.02190
733596.38	4054981.50	0.02136	733596.38	4055006.50	0.02085
733596.38	4055031.50	0.02036	733596.38	4055056.50	0.01989
733596.38	4055081.50	0.01944	733596.38	4055106.50	0.01901
733596.38	4055131.50	0.01860	733596.38	4055156.50	0.01821

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733596.38	4055181.50	0.01784	733596.38	4055206.50	0.01748
733596.38	4055231.50	0.01714	733596.38	4055256.50	0.01681
733596.38	4055281.50	0.01649	733596.38	4055306.50	0.01619
733596.38	4055331.50	0.01590	733621.38	4052331.50	0.27952
733621.38	4052356.50	0.29255	733621.38	4052381.50	0.30639
733621.38	4052406.50	0.32113	733621.38	4052431.50	0.33682
733621.38	4052456.50	0.35356	733621.38	4052481.50	0.37149
733621.38	4052506.50	0.39064	733621.38	4052531.50	0.41110
733621.38	4052556.50	0.43317	733621.38	4052581.50	0.45686
733621.38	4052606.50	0.48227	733621.38	4052631.50	0.50953
733621.38	4052656.50	0.53887	733621.38	4052681.50	0.57040
733621.38	4052706.50	0.60421	733621.38	4052731.50	0.64027
733621.38	4052756.50	0.67834	733621.38	4052781.50	0.71789
733621.38	4052806.50	0.75790	733621.38	4052831.50	0.79664
733621.38	4052856.50	0.83167	733621.38	4052881.50	0.86017
733621.38	4052906.50	0.88011	733621.38	4052931.50	0.89196
733621.38	4052956.50	0.89865	733621.38	4052981.50	0.90115
733621.38	4053006.50	0.89961	733621.38	4053031.50	0.89427
733621.38	4053056.50	0.88609	733621.38	4053081.50	0.87501
733621.38	4053106.50	0.86167	733621.38	4053131.50	0.84576
733621.38	4053156.50	0.82779	733621.38	4053181.50	0.80749
733621.38	4053206.50	0.78527	733621.38	4053231.50	0.76093
733621.38	4053256.50	0.73448	733621.38	4053281.50	0.70618
733621.38	4053306.50	0.67555	733621.38	4053331.50	0.64316
733621.38	4053356.50	0.60859	733621.38	4053381.50	0.57227
733621.38	4053406.50	0.53428	733621.38	4053431.50	0.49463
733621.38	4053456.50	0.45431	733621.38	4053481.50	0.41357
733621.38	4053506.50	0.37364	733621.38	4053531.50	0.33576
733621.38	4053556.50	0.30098	733621.38	4053581.50	0.27064
733621.38	4053606.50	0.24525	733621.38	4053631.50	0.22369
733621.38	4053656.50	0.20457	733621.38	4053681.50	0.18720
733621.38	4053706.50	0.17180	733621.38	4053731.50	0.15846
733621.38	4053756.50	0.14680	733621.38	4053781.50	0.13643
733621.38	4053806.50	0.12721	733621.38	4053831.50	0.11893
733621.38	4053856.50	0.11153	733621.38	4053881.50	0.10485
733621.38	4053906.50	0.09887	733621.38	4053931.50	0.09348
733621.38	4053956.50	0.08862	733621.38	4053981.50	0.08419
733621.38	4054006.50	0.08016	733621.38	4054031.50	0.07648
733621.38	4054056.50	0.07308	733621.38	4054081.50	0.06997
733621.38	4054106.50	0.06706	733621.38	4054131.50	0.06436

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733621.38	4054156.50	0.06183	733621.38	4054181.50	0.05945
733621.38	4054206.50	0.05720	733621.38	4054231.50	0.05509
733621.38	4054256.50	0.05309	733621.38	4054281.50	0.05117
733621.38	4054306.50	0.04936	733621.38	4054331.50	0.04764
733621.38	4054356.50	0.04599	733621.38	4054381.50	0.04442
733621.38	4054406.50	0.04291	733621.38	4054431.50	0.04146
733621.38	4054456.50	0.04008	733621.38	4054481.50	0.03876
733621.38	4054506.50	0.03749	733621.38	4054531.50	0.03626
733621.38	4054556.50	0.03509	733621.38	4054581.50	0.03396
733621.38	4054606.50	0.03288	733621.38	4054631.50	0.03185
733621.38	4054656.50	0.03086	733621.38	4054681.50	0.02991
733621.38	4054706.50	0.02899	733621.38	4054731.50	0.02812
733621.38	4054756.50	0.02729	733621.38	4054781.50	0.02650
733621.38	4054806.50	0.02574	733621.38	4054831.50	0.02502
733621.38	4054856.50	0.02433	733621.38	4054881.50	0.02367
733621.38	4054906.50	0.02304	733621.38	4054931.50	0.02244
733621.38	4054956.50	0.02187	733621.38	4054981.50	0.02133
733621.38	4055006.50	0.02081	733621.38	4055031.50	0.02031
733621.38	4055056.50	0.01984	733621.38	4055081.50	0.01938
733621.38	4055106.50	0.01895	733621.38	4055131.50	0.01854
733621.38	4055156.50	0.01814	733621.38	4055181.50	0.01777
733621.38	4055206.50	0.01741	733621.38	4055231.50	0.01706
733621.38	4055256.50	0.01673	733621.38	4055281.50	0.01641
733621.38	4055306.50	0.01610	733621.38	4055331.50	0.01581
733646.38	4052331.50	0.27315	733646.38	4052356.50	0.28531
733646.38	4052381.50	0.29818	733646.38	4052406.50	0.31181
733646.38	4052431.50	0.32628	733646.38	4052456.50	0.34163
733646.38	4052481.50	0.35786	733646.38	4052506.50	0.37515
733646.38	4052531.50	0.39355	733646.38	4052556.50	0.41302
733646.38	4052581.50	0.43373	733646.38	4052606.50	0.45569
733646.38	4052631.50	0.47889	733646.38	4052656.50	0.50340
733646.38	4052681.50	0.52917	733646.38	4052706.50	0.55608
733646.38	4052731.50	0.58385	733646.38	4052756.50	0.61205
733646.38	4052781.50	0.64002	733646.38	4052806.50	0.66683
733646.38	4052831.50	0.69131	733646.38	4052856.50	0.71217
733646.38	4052881.50	0.72820	733646.38	4052906.50	0.73879
733646.38	4052931.50	0.74462	733646.38	4052956.50	0.74742
733646.38	4052981.50	0.74781	733646.38	4053006.50	0.74532
733646.38	4053031.50	0.74010	733646.38	4053056.50	0.73221
733646.38	4053081.50	0.72223	733646.38	4053106.50	0.71007

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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733646.38 4053131.50 0.69614 733646.38 4053156.50 0.68022
733646.38 4053181.50 0.66268 733646.38 4053206.50 0.64334
733646.38 4053231.50 0.62226 733646.38 4053256.50 0.59967
733646.38 4053281.50 0.57527 733646.38 4053306.50 0.54956
733646.38 4053331.50 0.52226 733646.38 4053356.50 0.49373
733646.38 4053381.50 0.46412 733646.38 4053406.50 0.43343
733646.38 4053431.50 0.40244 733646.38 4053456.50 0.37131
733646.38 4053481.50 0.34060 733646.38 4053506.50 0.31123
733646.38 4053531.50 0.28356 733646.38 4053556.50 0.25862
733646.38 4053581.50 0.23676 733646.38 4053606.50 0.21790
733646.38 4053631.50 0.20153 733646.38 4053656.50 0.18652
733646.38 4053681.50 0.17231 733646.38 4053706.50 0.15934
733646.38 4053731.50 0.14783 733646.38 4053756.50 0.13757
733646.38 4053781.50 0.12852 733646.38 4053806.50 0.12041
733646.38 4053831.50 0.11310 733646.38 4053856.50 0.10643
733646.38 4053881.50 0.10043 733646.38 4053906.50 0.09496
733646.38 4053931.50 0.09000 733646.38 4053956.50 0.08551
733646.38 4053981.50 0.08140 733646.38 4054006.50 0.07764
733646.38 4054031.50 0.07420 733646.38 4054056.50 0.07098
733646.38 4054081.50 0.06807 733646.38 4054106.50 0.06535
733646.38 4054131.50 0.06281 733646.38 4054156.50 0.06041
733646.38 4054181.50 0.05816 733646.38 4054206.50 0.05604
733646.38 4054231.50 0.05404 733646.38 4054256.50 0.05214
733646.38 4054281.50 0.05033 733646.38 4054306.50 0.04861
733646.38 4054331.50 0.04697 733646.38 4054356.50 0.04539
733646.38 4054381.50 0.04389 733646.38 4054406.50 0.04245
733646.38 4054431.50 0.04107 733646.38 4054456.50 0.03974
733646.38 4054481.50 0.03847 733646.38 4054506.50 0.03723
733646.38 4054531.50 0.03605 733646.38 4054556.50 0.03492
733646.38 4054581.50 0.03382 733646.38 4054606.50 0.03277
733646.38 4054631.50 0.03176 733646.38 4054656.50 0.03078
733646.38 4054681.50 0.02985 733646.38 4054706.50 0.02895
733646.38 4054731.50 0.02810 733646.38 4054756.50 0.02727
733646.38 4054781.50 0.02648 733646.38 4054806.50 0.02573
733646.38 4054831.50 0.02500 733646.38 4054856.50 0.02431
733646.38 4054881.50 0.02365 733646.38 4054906.50 0.02302
733646.38 4054931.50 0.02242 733646.38 4054956.50 0.02185
733646.38 4054981.50 0.02130 733646.38 4055006.50 0.02077
733646.38 4055031.50 0.02027 733646.38 4055056.50 0.01979
733646.38 4055081.50 0.01934 733646.38 4055106.50 0.01890

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** *** PAGE 194

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733646.38 4055131.50 0.01848 733646.38 4055156.50 0.01808
733646.38 4055181.50 0.01770 733646.38 4055206.50 0.01734
733646.38 4055231.50 0.01699 733646.38 4055256.50 0.01665
733646.38 4055281.50 0.01633 733646.38 4055306.50 0.01602
733646.38 4055331.50 0.01573 733671.38 4052331.50 0.26608
733671.38 4052356.50 0.27734 733671.38 4052381.50 0.28921
733671.38 4052406.50 0.30175 733671.38 4052431.50 0.31489
733671.38 4052456.50 0.32878 733671.38 4052481.50 0.34341
733671.38 4052506.50 0.35878 733671.38 4052531.50 0.37496
733671.38 4052556.50 0.39201 733671.38 4052581.50 0.40985
733671.38 4052606.50 0.42843 733671.38 4052631.50 0.44779
733671.38 4052656.50 0.46784 733671.38 4052681.50 0.48844
733671.38 4052706.50 0.50937 733671.38 4052731.50 0.53030
733671.38 4052756.50 0.55081 733671.38 4052781.50 0.57035
733671.38 4052806.50 0.58826 733671.38 4052831.50 0.60387
733671.38 4052856.50 0.61648 733671.38 4052881.50 0.62554
733671.38 4052906.50 0.63087 733671.38 4052931.50 0.63311
733671.38 4052956.50 0.63330 733671.38 4052981.50 0.63197
733671.38 4053006.50 0.62887 733671.38 4053031.50 0.62359
733671.38 4053056.50 0.61629 733671.38 4053081.50 0.60701
733671.38 4053106.50 0.59607 733671.38 4053131.50 0.58350
733671.38 4053156.50 0.56942 733671.38 4053181.50 0.55390
733671.38 4053206.50 0.53696 733671.38 4053231.50 0.51878
733671.38 4053256.50 0.49918 733671.38 4053281.50 0.47852
733671.38 4053306.50 0.45666 733671.38 4053331.50 0.43388
733671.38 4053356.50 0.41033 733671.38 4053381.50 0.38603
733671.38 4053406.50 0.36154 733671.38 4053431.50 0.33695
733671.38 4053456.50 0.31265 733671.38 4053481.50 0.28919
733671.38 4053506.50 0.26676 733671.38 4053531.50 0.24605
733671.38 4053556.50 0.22728 733671.38 4053581.50 0.21064
733671.38 4053606.50 0.19621 733671.38 4053631.50 0.18332
733671.38 4053656.50 0.17114 733671.38 4053681.50 0.15948
733671.38 4053706.50 0.14849 733671.38 4053731.50 0.13837
733671.38 4053756.50 0.12935 733671.38 4053781.50 0.12130
733671.38 4053806.50 0.11401 733671.38 4053831.50 0.10748
733671.38 4053856.50 0.10156 733671.38 4053881.50 0.09615
733671.38 4053906.50 0.09117 733671.38 4053931.50 0.08663
733671.38 4053956.50 0.08250 733671.38 4053981.50 0.07871
733671.38 4054006.50 0.07521 733671.38 4054031.50 0.07198
733671.38 4054056.50 0.06898 733671.38 4054081.50 0.06625

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733671.38 4054106.50 0.06368 733671.38 4054131.50 0.06127
733671.38 4054156.50 0.05903 733671.38 4054181.50 0.05689
733671.38 4054206.50 0.05490 733671.38 4054231.50 0.05300
733671.38 4054256.50 0.05120 733671.38 4054281.50 0.04949
733671.38 4054306.50 0.04784 733671.38 4054331.50 0.04628
733671.38 4054356.50 0.04478 733671.38 4054381.50 0.04335

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733671.38	4054406.50	0.04197	733671.38	4054431.50	0.04065
733671.38	4054456.50	0.03937	733671.38	4054481.50	0.03814
733671.38	4054506.50	0.03696	733671.38	4054531.50	0.03582
733671.38	4054556.50	0.03473	733671.38	4054581.50	0.03366
733671.38	4054606.50	0.03264	733671.38	4054631.50	0.03165
733671.38	4054656.50	0.03070	733671.38	4054681.50	0.02979
733671.38	4054706.50	0.02891	733671.38	4054731.50	0.02806
733671.38	4054756.50	0.02724	733671.38	4054781.50	0.02646
733671.38	4054806.50	0.02571	733671.38	4054831.50	0.02500
733671.38	4054856.50	0.02431	733671.38	4054881.50	0.02365
733671.38	4054906.50	0.02301	733671.38	4054931.50	0.02241
733671.38	4054956.50	0.02183	733671.38	4054981.50	0.02128
733671.38	4055006.50	0.02075	733671.38	4055031.50	0.02025
733671.38	4055056.50	0.01977	733671.38	4055081.50	0.01930
733671.38	4055106.50	0.01886	733671.38	4055131.50	0.01844
733671.38	4055156.50	0.01804	733671.38	4055181.50	0.01765
733671.38	4055206.50	0.01728	733671.38	4055231.50	0.01693
733671.38	4055256.50	0.01659	733671.38	4055281.50	0.01627
733671.38	4055306.50	0.01596	733671.38	4055331.50	0.01566
733696.38	4052331.50	0.25846	733696.38	4052356.50	0.26878
733696.38	4052381.50	0.27963	733696.38	4052406.50	0.29099
733696.38	4052431.50	0.30286	733696.38	4052456.50	0.31529
733696.38	4052481.50	0.32825	733696.38	4052506.50	0.34180
733696.38	4052531.50	0.35592	733696.38	4052556.50	0.37053
733696.38	4052581.50	0.38560	733696.38	4052606.50	0.40111
733696.38	4052631.50	0.41698	733696.38	4052656.50	0.43309
733696.38	4052681.50	0.44926	733696.38	4052706.50	0.46526
733696.38	4052731.50	0.48081	733696.38	4052756.50	0.49556
733696.38	4052781.50	0.50912	733696.38	4052806.50	0.52107
733696.38	4052831.50	0.53100	733696.38	4052856.50	0.53851
733696.38	4052881.50	0.54334	733696.38	4052906.50	0.54548
733696.38	4052931.50	0.54546	733696.38	4052956.50	0.54403
733696.38	4052981.50	0.54155	733696.38	4053006.50	0.53790
733696.38	4053031.50	0.53270	733696.38	4053056.50	0.52588

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733696.38	4053081.50	0.51740	733696.38	4053106.50	0.50747
733696.38	4053131.50	0.49616	733696.38	4053156.50	0.48361
733696.38	4053181.50	0.46987	733696.38	4053206.50	0.45511
733696.38	4053231.50	0.43918	733696.38	4053256.50	0.42244
733696.38	4053281.50	0.40472	733696.38	4053306.50	0.38633
733696.38	4053331.50	0.36731	733696.38	4053356.50	0.34774
733696.38	4053381.50	0.32801	733696.38	4053406.50	0.30819
733696.38	4053431.50	0.28851	733696.38	4053456.50	0.26939
733696.38	4053481.50	0.25093	733696.38	4053506.50	0.23354
733696.38	4053531.50	0.21748	733696.38	4053556.50	0.20283
733696.38	4053581.50	0.18990	733696.38	4053606.50	0.17840
733696.38	4053631.50	0.16791	733696.38	4053656.50	0.15797
733696.38	4053681.50	0.14827	733696.38	4053706.50	0.13886
733696.38	4053731.50	0.13001	733696.38	4053756.50	0.12197
733696.38	4053781.50	0.11469	733696.38	4053806.50	0.10814
733696.38	4053831.50	0.10222	733696.38	4053856.50	0.09686
733696.38	4053881.50	0.09198	733696.38	4053906.50	0.08749
733696.38	4053931.50	0.08334	733696.38	4053956.50	0.07954
733696.38	4053981.50	0.07606	733696.38	4054006.50	0.07283
733696.38	4054031.50	0.06984	733696.38	4054056.50	0.06702
733696.38	4054081.50	0.06446	733696.38	4054106.50	0.06205
733696.38	4054131.50	0.05980	733696.38	4054156.50	0.05767
733696.38	4054181.50	0.05567	733696.38	4054206.50	0.05378
733696.38	4054231.50	0.05198	733696.38	4054256.50	0.05028
733696.38	4054281.50	0.04864	733696.38	4054306.50	0.04708
733696.38	4054331.50	0.04559	733696.38	4054356.50	0.04417
733696.38	4054381.50	0.04280	733696.38	4054406.50	0.04147
733696.38	4054431.50	0.04020	733696.38	4054456.50	0.03898
733696.38	4054481.50	0.03781	733696.38	4054506.50	0.03667
733696.38	4054531.50	0.03557	733696.38	4054556.50	0.03451
733696.38	4054581.50	0.03349	733696.38	4054606.50	0.03250
733696.38	4054631.50	0.03154	733696.38	4054656.50	0.03061
733696.38	4054681.50	0.02971	733696.38	4054706.50	0.02885
733696.38	4054731.50	0.02802	733696.38	4054756.50	0.02722
733696.38	4054781.50	0.02645	733696.38	4054806.50	0.02571
733696.38	4054831.50	0.02499	733696.38	4054856.50	0.02430
733696.38	4054881.50	0.02365	733696.38	4054906.50	0.02302
733696.38	4054931.50	0.02241	733696.38	4054956.50	0.02183
733696.38	4054981.50	0.02128	733696.38	4055006.50	0.02074
733696.38	4055031.50	0.02023	733696.38	4055056.50	0.01975

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733696.38	4055081.50	0.01928	733696.38	4055106.50	0.01884
733696.38	4055131.50	0.01841	733696.38	4055156.50	0.01800
733696.38	4055181.50	0.01761	733696.38	4055206.50	0.01724
733696.38	4055231.50	0.01688	733696.38	4055256.50	0.01654
733696.38	4055281.50	0.01621	733696.38	4055306.50	0.01589
733696.38	4055331.50	0.01559	733721.38	4052331.50	0.25028
733721.38	4052356.50	0.25974	733721.38	4052381.50	0.26955
733721.38	4052406.50	0.27973	733721.38	4052431.50	0.29034
733721.38	4052456.50	0.30134	733721.38	4052481.50	0.31274
733721.38	4052506.50	0.32446	733721.38	4052531.50	0.33658
733721.38	4052556.50	0.34895	733721.38	4052581.50	0.36153
733721.38	4052606.50	0.37428	733721.38	4052631.50	0.38709
733721.38	4052656.50	0.39984	733721.38	4052681.50	0.41235

733721.38	4052706.50	0.42443	733721.38	4052731.50	0.43586
733721.38	4052756.50	0.44637	733721.38	4052781.50	0.45571
733721.38	4052806.50	0.46360	733721.38	4052831.50	0.46976
733721.38	4052856.50	0.47398	733721.38	4052881.50	0.47611
733721.38	4052906.50	0.47626	733721.38	4052931.50	0.47484
733721.38	4052956.50	0.47233	733721.38	4052981.50	0.46913
733721.38	4053006.50	0.46508	733721.38	4053031.50	0.46001
733721.38	4053056.50	0.45362	733721.38	4053081.50	0.44595
733721.38	4053106.50	0.43701	733721.38	4053131.50	0.42692
733721.38	4053156.50	0.41576	733721.38	4053181.50	0.40370
733721.38	4053206.50	0.39067	733721.38	4053231.50	0.37695
733721.38	4053256.50	0.36242	733721.38	4053281.50	0.34740
733721.38	4053306.50	0.33181	733721.38	4053331.50	0.31587
733721.38	4053356.50	0.29975	733721.38	4053381.50	0.28350
733721.38	4053406.50	0.26732	733721.38	4053431.50	0.25151
733721.38	4053456.50	0.23609	733721.38	4053481.50	0.22139
733721.38	4053506.50	0.20760	733721.38	4053531.50	0.19475
733721.38	4053556.50	0.18318	733721.38	4053581.50	0.17283
733721.38	4053606.50	0.16341	733721.38	4053631.50	0.15480
733721.38	4053656.50	0.14647	733721.38	4053681.50	0.13828
733721.38	4053706.50	0.13023	733721.38	4053731.50	0.12252
733721.38	4053756.50	0.11528	733721.38	4053781.50	0.10869
733721.38	4053806.50	0.10273	733721.38	4053831.50	0.09731
733721.38	4053856.50	0.09242	733721.38	4053881.50	0.08795
733721.38	4053906.50	0.08389	733721.38	4053931.50	0.08013
733721.38	4053956.50	0.07664	733721.38	4053981.50	0.07347
733721.38	4054006.50	0.07050	733721.38	4054031.50	0.06771

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733721.38	4054056.50	0.06511	733721.38	4054081.50	0.06272
733721.38	4054106.50	0.06047	733721.38	4054131.50	0.05834
733721.38	4054156.50	0.05633	733721.38	4054181.50	0.05446
733721.38	4054206.50	0.05267	733721.38	4054231.50	0.05097
733721.38	4054256.50	0.04935	733721.38	4054281.50	0.04780
733721.38	4054306.50	0.04633	733721.38	4054331.50	0.04491
733721.38	4054356.50	0.04354	733721.38	4054381.50	0.04223
733721.38	4054406.50	0.04097	733721.38	4054431.50	0.03976
733721.38	4054456.50	0.03859	733721.38	4054481.50	0.03745
733721.38	4054506.50	0.03636	733721.38	4054531.50	0.03531
733721.38	4054556.50	0.03429	733721.38	4054581.50	0.03330
733721.38	4054606.50	0.03234	733721.38	4054631.50	0.03140
733721.38	4054656.50	0.03051	733721.38	4054681.50	0.02964
733721.38	4054706.50	0.02879	733721.38	4054731.50	0.02798
733721.38	4054756.50	0.02719	733721.38	4054781.50	0.02643
733721.38	4054806.50	0.02569	733721.38	4054831.50	0.02499
733721.38	4054856.50	0.02431	733721.38	4054881.50	0.02365
733721.38	4054906.50	0.02303	733721.38	4054931.50	0.02242
733721.38	4054956.50	0.02184	733721.38	4054981.50	0.02128
733721.38	4055006.50	0.02075	733721.38	4055031.50	0.02024
733721.38	4055056.50	0.01975	733721.38	4055081.50	0.01928
733721.38	4055106.50	0.01882	733721.38	4055131.50	0.01839
733721.38	4055156.50	0.01798	733721.38	4055181.50	0.01758
733721.38	4055206.50	0.01721	733721.38	4055231.50	0.01684
733721.38	4055256.50	0.01650	733721.38	4055281.50	0.01616
733721.38	4055306.50	0.01584	733721.38	4055331.50	0.01554
733746.38	4052331.50	0.24173	733746.38	4052356.50	0.25023
733746.38	4052381.50	0.25905	733746.38	4052406.50	0.26814
733746.38	4052431.50	0.27751	733746.38	4052456.50	0.28710
733746.38	4052481.50	0.29700	733746.38	4052506.50	0.30711
733746.38	4052531.50	0.31736	733746.38	4052556.50	0.32767
733746.38	4052581.50	0.33804	733746.38	4052606.50	0.34838
733746.38	4052631.50	0.35858	733746.38	4052656.50	0.36854
733746.38	4052681.50	0.37811	733746.38	4052706.50	0.38714
733746.38	4052731.50	0.39545	733746.38	4052756.50	0.40286
733746.38	4052781.50	0.40919	733746.38	4052806.50	0.41425
733746.38	4052831.50	0.41787	733746.38	4052856.50	0.41988
733746.38	4052881.50	0.42027	733746.38	4052906.50	0.41913
733746.38	4052931.50	0.41680	733746.38	4052956.50	0.41368
733746.38	4052981.50	0.40998	733746.38	4053006.50	0.40577

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733746.38	4053031.50	0.40080	733746.38	4053056.50	0.39493
733746.38	4053081.50	0.38796	733746.38	4053106.50	0.38002
733746.38	4053131.50	0.37104	733746.38	4053156.50	0.36124
733746.38	4053181.50	0.35056	733746.38	4053206.50	0.33927
733746.38	4053231.50	0.32729	733746.38	4053256.50	0.31488
733746.38	4053281.50	0.30199	733746.38	4053306.50	0.28882
733746.38	4053331.50	0.27547	733746.38	4053356.50	0.26200
733746.38	4053381.50	0.24852	733746.38	4053406.50	0.23528
733746.38	4053431.50	0.22229	733746.38	4053456.50	0.20976
733746.38	4053481.50	0.19787	733746.38	4053506.50	0.18663
733746.38	4053531.50	0.17629	733746.38	4053556.50	0.16690
733746.38	4053581.50	0.15836	733746.38	4053606.50	0.15066
733746.38	4053631.50	0.14344	733746.38	4053656.50	0.13638
733746.38	4053681.50	0.12944	733746.38	4053706.50	0.12248
733746.38	4053731.50	0.11566	733746.38	4053756.50	0.10922
733746.38	4053781.50	0.10325	733746.38	4053806.50	0.09775
733746.38	4053831.50	0.09279	733746.38	4053856.50	0.08825
733746.38	4053881.50	0.08415	733746.38	4053906.50	0.08040
733746.38	4053931.50	0.07699	733746.38	4053956.50	0.07380
733746.38	4053981.50	0.07084	733746.38	4054006.50	0.06814

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733746.38 4054031.50 0.06560 733746.38 4054056.50 0.06320
733746.38 4054081.50 0.06099 733746.38 4054106.50 0.05888
733746.38 4054131.50 0.05689 733746.38 4054156.50 0.05502
733746.38 4054181.50 0.05325 733746.38 4054206.50 0.05158
733746.38 4054231.50 0.04998 733746.38 4054256.50 0.04845
733746.38 4054281.50 0.04698 733746.38 4054306.50 0.04557
733746.38 4054331.50 0.04422 733746.38 4054356.50 0.04293
733746.38 4054381.50 0.04168 733746.38 4054406.50 0.04047
733746.38 4054431.50 0.03931 733746.38 4054456.50 0.03818
733746.38 4054481.50 0.03710 733746.38 4054506.50 0.03605
733746.38 4054531.50 0.03504 733746.38 4054556.50 0.03405
733746.38 4054581.50 0.03309 733746.38 4054606.50 0.03217
733746.38 4054631.50 0.03127 733746.38 4054656.50 0.03040
733746.38 4054681.50 0.02955 733746.38 4054706.50 0.02873
733746.38 4054731.50 0.02793 733746.38 4054756.50 0.02716
733746.38 4054781.50 0.02641 733746.38 4054806.50 0.02569
733746.38 4054831.50 0.02499 733746.38 4054856.50 0.02432
733746.38 4054881.50 0.02366 733746.38 4054906.50 0.02304
733746.38 4054931.50 0.02244 733746.38 4054956.50 0.02186
733746.38 4054981.50 0.02130 733746.38 4055006.50 0.02076

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 200

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733746.38 4055031.50 0.02025 733746.38 4055056.50 0.01975
733746.38 4055081.50 0.01928 733746.38 4055106.50 0.01883
733746.38 4055131.50 0.01839 733746.38 4055156.50 0.01797
733746.38 4055181.50 0.01757 733746.38 4055206.50 0.01719
733746.38 4055231.50 0.01682 733746.38 4055256.50 0.01647
733746.38 4055281.50 0.01613 733746.38 4055306.50 0.01581
733746.38 4055331.50 0.01550 733771.38 4052331.50 0.23287
733771.38 4052356.50 0.24048 733771.38 4052381.50 0.24828
733771.38 4052406.50 0.25632 733771.38 4052431.50 0.26451
733771.38 4052456.50 0.27286 733771.38 4052481.50 0.28133
733771.38 4052506.50 0.28988 733771.38 4052531.50 0.29846
733771.38 4052556.50 0.30698 733771.38 4052581.50 0.31543
733771.38 4052606.50 0.32371 733771.38 4052631.50 0.33176
733771.38 4052656.50 0.33945 733771.38 4052681.50 0.34669
733771.38 4052706.50 0.35336 733771.38 4052731.50 0.35933
733771.38 4052756.50 0.36446 733771.38 4052781.50 0.36863
733771.38 4052806.50 0.37169 733771.38 4052831.50 0.37354
733771.38 4052856.50 0.37407 733771.38 4052881.50 0.37329
733771.38 4052906.50 0.37133 733771.38 4052931.50 0.36647
733771.38 4052956.50 0.36498 733771.38 4052981.50 0.36106
733771.38 4053006.50 0.35676 733771.38 4053031.50 0.35199
733771.38 4053056.50 0.34654 733771.38 4053081.50 0.34031
733771.38 4053106.50 0.33321 733771.38 4053131.50 0.32536
733771.38 4053156.50 0.31671 733771.38 4053181.50 0.30746
733771.38 4053206.50 0.29757 733771.38 4053231.50 0.28727
733771.38 4053256.50 0.27655 733771.38 4053281.50 0.26555
733771.38 4053306.50 0.25439 733771.38 4053331.50 0.24304
733771.38 4053356.50 0.23174 733771.38 4053381.50 0.22054
733771.38 4053406.50 0.20948 733771.38 4053431.50 0.19874
733771.38 4053456.50 0.18844 733771.38 4053481.50 0.17857
733771.38 4053506.50 0.16938 733771.38 4053531.50 0.16089
733771.38 4053556.50 0.15309 733771.38 4053581.50 0.14606
733771.38 4053606.50 0.13958 733771.38 4053631.50 0.13341
733771.38 4053656.50 0.12745 733771.38 4053681.50 0.12146
733771.38 4053706.50 0.11542 733771.38 4053731.50 0.10946
733771.38 4053756.50 0.10365 733771.38 4053781.50 0.09822
733771.38 4053806.50 0.09318 733771.38 4053831.50 0.08859
733771.38 4053856.50 0.08439 733771.38 4053881.50 0.08056
733771.38 4053906.50 0.07709 733771.38 4053931.50 0.07391
733771.38 4053956.50 0.07100 733771.38 4053981.50 0.06830

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 201
*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733771.38 4054006.50 0.06580 733771.38 4054031.50 0.06349
733771.38 4054056.50 0.06128 733771.38 4054081.50 0.05923
733771.38 4054106.50 0.05729 733771.38 4054131.50 0.05544
733771.38 4054156.50 0.05371 733771.38 4054181.50 0.05206
733771.38 4054206.50 0.05049 733771.38 4054231.50 0.04899
733771.38 4054256.50 0.04754 733771.38 4054281.50 0.04615
733771.38 4054306.50 0.04483 733771.38 4054331.50 0.04355
733771.38 4054356.50 0.04232 733771.38 4054381.50 0.04112
733771.38 4054406.50 0.03997 733771.38 4054431.50 0.03886
733771.38 4054456.50 0.03779 733771.38 4054481.50 0.03675
733771.38 4054506.50 0.03573 733771.38 4054531.50 0.03476
733771.38 4054556.50 0.03381 733771.38 4054581.50 0.03289
733771.38 4054606.50 0.03200 733771.38 4054631.50 0.03112
733771.38 4054656.50 0.03028 733771.38 4054681.50 0.02945
733771.38 4054706.50 0.02866 733771.38 4054731.50 0.02788
733771.38 4054756.50 0.02713 733771.38 4054781.50 0.02640
733771.38 4054806.50 0.02568 733771.38 4054831.50 0.02499
733771.38 4054856.50 0.02433 733771.38 4054881.50 0.02369
733771.38 4054906.50 0.02306 733771.38 4054931.50 0.02246
733771.38 4054956.50 0.02188 733771.38 4054981.50 0.02133
733771.38 4055006.50 0.02079 733771.38 4055031.50 0.02027
733771.38 4055056.50 0.01978 733771.38 4055081.50 0.01930
733771.38 4055106.50 0.01884 733771.38 4055131.50 0.01840
733771.38 4055156.50 0.01798 733771.38 4055181.50 0.01757
733771.38 4055206.50 0.01719 733771.38 4055231.50 0.01681
733771.38 4055256.50 0.01646 733771.38 4055281.50 0.01611
733771.38 4055306.50 0.01578 733771.38 4055331.50 0.01547

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733796.38	4052331.50	0.22377	733796.38	4052356.50	0.23053
733796.38	4052381.50	0.23743	733796.38	4052406.50	0.24443
733796.38	4052431.50	0.25152	733796.38	4052456.50	0.25869
733796.38	4052481.50	0.26592	733796.38	4052506.50	0.27307
733796.38	4052531.50	0.28016	733796.38	4052556.50	0.28713
733796.38	4052581.50	0.29393	733796.38	4052606.50	0.30050
733796.38	4052631.50	0.30677	733796.38	4052656.50	0.31265
733796.38	4052681.50	0.31806	733796.38	4052706.50	0.32292
733796.38	4052731.50	0.32712	733796.38	4052756.50	0.33057
733796.38	4052781.50	0.33316	733796.38	4052806.50	0.33481
733796.38	4052831.50	0.33542	733796.38	4052856.50	0.33494
733796.38	4052881.50	0.33340	733796.38	4052906.50	0.33094
733796.38	4052931.50	0.32776	733796.38	4052956.50	0.32410

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733796.38	4052981.50	0.32010	733796.38	4053006.50	0.31586
733796.38	4053031.50	0.31129	733796.38	4053056.50	0.30627
733796.38	4053081.50	0.30066	733796.38	4053106.50	0.29442
733796.38	4053131.50	0.28750	733796.38	4053156.50	0.28001
733796.38	4053181.50	0.27193	733796.38	4053206.50	0.26342
733796.38	4053231.50	0.25449	733796.38	4053256.50	0.24529
733796.38	4053281.50	0.23590	733796.38	4053306.50	0.22630
733796.38	4053331.50	0.21671	733796.38	4053356.50	0.20716
733796.38	4053381.50	0.19767	733796.38	4053406.50	0.18839
733796.38	4053431.50	0.17942	733796.38	4053456.50	0.17074
733796.38	4053481.50	0.16256	733796.38	4053506.50	0.15490
733796.38	4053531.50	0.14776	733796.38	4053556.50	0.14129
733796.38	4053581.50	0.13537	733796.38	4053606.50	0.12982
733796.38	4053631.50	0.12459	733796.38	4053656.50	0.11945
733796.38	4053681.50	0.11424	733796.38	4053706.50	0.10902
733796.38	4053731.50	0.10373	733796.38	4053756.50	0.09855
733796.38	4053781.50	0.09361	733796.38	4053806.50	0.08896
733796.38	4053831.50	0.08468	733796.38	4053856.50	0.08078
733796.38	4053881.50	0.07721	733796.38	4053906.50	0.07396
733796.38	4053931.50	0.07099	733796.38	4053956.50	0.06829
733796.38	4053981.50	0.06579	733796.38	4054006.50	0.06348
733796.38	4054031.50	0.06135	733796.38	4054056.50	0.05933
733796.38	4054081.50	0.05746	733796.38	4054106.50	0.05567
733796.38	4054131.50	0.05396	733796.38	4054156.50	0.05237
733796.38	4054181.50	0.05083	733796.38	4054206.50	0.04937
733796.38	4054231.50	0.04797	733796.38	4054256.50	0.04662
733796.38	4054281.50	0.04533	733796.38	4054306.50	0.04408
733796.38	4054331.50	0.04286	733796.38	4054356.50	0.04169
733796.38	4054381.50	0.04056	733796.38	4054406.50	0.03947
733796.38	4054431.50	0.03841	733796.38	4054456.50	0.03738
733796.38	4054481.50	0.03638	733796.38	4054506.50	0.03542
733796.38	4054531.50	0.03448	733796.38	4054556.50	0.03357
733796.38	4054581.50	0.03267	733796.38	4054606.50	0.03181
733796.38	4054631.50	0.03097	733796.38	4054656.50	0.03016
733796.38	4054681.50	0.02936	733796.38	4054706.50	0.02859
733796.38	4054731.50	0.02783	733796.38	4054756.50	0.02709
733796.38	4054781.50	0.02637	733796.38	4054806.50	0.02568
733796.38	4054831.50	0.02500	733796.38	4054856.50	0.02435
733796.38	4054881.50	0.02371	733796.38	4054906.50	0.02309
733796.38	4054931.50	0.02250	733796.38	4054956.50	0.02192

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733796.38	4054981.50	0.02137	733796.38	4055006.50	0.02083
733796.38	4055031.50	0.02031	733796.38	4055056.50	0.01982
733796.38	4055081.50	0.01933	733796.38	4055106.50	0.01887
733796.38	4055131.50	0.01843	733796.38	4055156.50	0.01800
733796.38	4055181.50	0.01759	733796.38	4055206.50	0.01720
733796.38	4055231.50	0.01682	733796.38	4055256.50	0.01646
733796.38	4055281.50	0.01611	733796.38	4055306.50	0.01578
733796.38	4055331.50	0.01546	733821.38	4052331.50	0.21458
733821.38	4052356.50	0.22054	733821.38	4052381.50	0.22654
733821.38	4052406.50	0.23263	733821.38	4052431.50	0.23874
733821.38	4052456.50	0.24484	733821.38	4052481.50	0.25085
733821.38	4052506.50	0.25682	733821.38	4052531.50	0.26262
733821.38	4052556.50	0.26826	733821.38	4052581.50	0.27368
733821.38	4052606.50	0.27884	733821.38	4052631.50	0.28367
733821.38	4052656.50	0.28811	733821.38	4052681.50	0.29210
733821.38	4052706.50	0.29557	733821.38	4052731.50	0.29843
733821.38	4052756.50	0.30063	733821.38	4052781.50	0.30207
733821.38	4052806.50	0.30270	733821.38	4052831.50	0.30244
733821.38	4052856.50	0.30128	733821.38	4052881.50	0.29925
733821.38	4052906.50	0.29650	733821.38	4052931.50	0.29318
733821.38	4052956.50	0.28948	733821.38	4052981.50	0.28552
733821.38	4053006.50	0.28140	733821.38	4053031.50	0.27706
733821.38	4053056.50	0.27245	733821.38	4053081.50	0.26742
733821.38	4053106.50	0.26190	733821.38	4053131.50	0.25589
733821.38	4053156.50	0.24936	733821.38	4053181.50	0.24241
733821.38	4053206.50	0.23504	733821.38	4053231.50	0.22738
733821.38	4053256.50	0.21949	733821.38	4053281.50	0.21137
733821.38	4053306.50	0.20320	733821.38	4053331.50	0.19500
733821.38	4053356.50	0.18679	733821.38	4053381.50	0.17875
733821.38	4053406.50	0.17090	733821.38	4053431.50	0.16323
733821.38	4053456.50	0.15594	733821.38	4053481.50	0.14903
733821.38	4053506.50	0.14251	733821.38	4053531.50	0.13654
733821.38	4053556.50	0.13106	733821.38	4053581.50	0.12596
733821.38	4053606.50	0.12125	733821.38	4053631.50	0.11673

733821.38	4053656.50	0.11221	733821.38	4053681.50	0.10772
733821.38	4053706.50	0.10314	733821.38	4053731.50	0.09846
733821.38	4053756.50	0.09384	733821.38	4053781.50	0.08931
733821.38	4053806.50	0.08506	733821.38	4053831.50	0.08106
733821.38	4053856.50	0.07741	733821.38	4053881.50	0.07404
733821.38	4053906.50	0.07101	733821.38	4053931.50	0.06823

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733821.38	4053956.50	0.06567	733821.38	4053981.50	0.06335
733821.38	4054006.50	0.06120	733821.38	4054031.50	0.05923
733821.38	4054056.50	0.05737	733821.38	4054081.50	0.05565
733821.38	4054106.50	0.05401	733821.38	4054131.50	0.05246
733821.38	4054156.50	0.05099	733821.38	4054181.50	0.04958
733821.38	4054206.50	0.04823	733821.38	4054231.50	0.04694
733821.38	4054256.50	0.04569	733821.38	4054281.50	0.04447
733821.38	4054306.50	0.04330	733821.38	4054331.50	0.04216
733821.38	4054356.50	0.04106	733821.38	4054381.50	0.04000
733821.38	4054406.50	0.03896	733821.38	4054431.50	0.03795
733821.38	4054456.50	0.03697	733821.38	4054481.50	0.03602
733821.38	4054506.50	0.03509	733821.38	4054531.50	0.03419
733821.38	4054556.50	0.03331	733821.38	4054581.50	0.03246
733821.38	4054606.50	0.03163	733821.38	4054631.50	0.03082
733821.38	4054656.50	0.03003	733821.38	4054681.50	0.02926
733821.38	4054706.50	0.02850	733821.38	4054731.50	0.02777
733821.38	4054756.50	0.02705	733821.38	4054781.50	0.02636
733821.38	4054806.50	0.02568	733821.38	4054831.50	0.02501
733821.38	4054856.50	0.02437	733821.38	4054881.50	0.02374
733821.38	4054906.50	0.02313	733821.38	4054931.50	0.02254
733821.38	4054956.50	0.02197	733821.38	4054981.50	0.02142
733821.38	4055006.50	0.02088	733821.38	4055031.50	0.02036
733821.38	4055056.50	0.01986	733821.38	4055081.50	0.01938
733821.38	4055106.50	0.01892	733821.38	4055131.50	0.01847
733821.38	4055156.50	0.01804	733821.38	4055181.50	0.01763
733821.38	4055206.50	0.01723	733821.38	4055231.50	0.01685
733821.38	4055256.50	0.01648	733821.38	4055281.50	0.01612
733821.38	4055306.50	0.01578	733821.38	4055331.50	0.01546
733846.38	4052331.50	0.20535	733846.38	4052356.50	0.21056
733846.38	4052381.50	0.21581	733846.38	4052406.50	0.22100
733846.38	4052431.50	0.22619	733846.38	4052456.50	0.23134
733846.38	4052481.50	0.23637	733846.38	4052506.50	0.24124
733846.38	4052531.50	0.24595	733846.38	4052556.50	0.25047
733846.38	4052581.50	0.25475	733846.38	4052606.50	0.25975
733846.38	4052631.50	0.26243	733846.38	4052656.50	0.26874
733846.38	4052681.50	0.26862	733846.38	4052706.50	0.27101
733846.38	4052731.50	0.27287	733846.38	4052756.50	0.27413
733846.38	4052781.50	0.27473	733846.38	4052806.50	0.27463
733846.38	4052831.50	0.27377	733846.38	4052856.50	0.27215
733846.38	4052881.50	0.26984	733846.38	4052906.50	0.26693

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733846.38	4052931.50	0.26359	733846.38	4052956.50	0.25993
733846.38	4052981.50	0.25609	733846.38	4053006.50	0.25213
733846.38	4053031.50	0.24808	733846.38	4053056.50	0.24382
733846.38	4053081.50	0.23933	733846.38	4053106.50	0.23447
733846.38	4053131.50	0.22924	733846.38	4053156.50	0.22359
733846.38	4053181.50	0.21761	733846.38	4053206.50	0.21126
733846.38	4053231.50	0.20468	733846.38	4053256.50	0.19785
733846.38	4053281.50	0.19091	733846.38	4053306.50	0.18390
733846.38	4053331.50	0.17680	733846.38	4053356.50	0.16980
733846.38	4053381.50	0.16290	733846.38	4053406.50	0.15612
733846.38	4053431.50	0.14960	733846.38	4053456.50	0.14337
733846.38	4053481.50	0.13741	733846.38	4053506.50	0.13189
733846.38	4053531.50	0.12678	733846.38	4053556.50	0.12205
733846.38	4053581.50	0.11771	733846.38	4053606.50	0.11362
733846.38	4053631.50	0.10963	733846.38	4053656.50	0.10572
733846.38	4053681.50	0.10177	733846.38	4053706.50	0.09771
733846.38	4053731.50	0.09359	733846.38	4053756.50	0.08942
733846.38	4053781.50	0.08534	733846.38	4053806.50	0.08141
733846.38	4053831.50	0.07770	733846.38	4053856.50	0.07427
733846.38	4053881.50	0.07111	733846.38	4053906.50	0.06823
733846.38	4053931.50	0.06559	733846.38	4053956.50	0.06320
733846.38	4053981.50	0.06100	733846.38	4054006.50	0.05900
733846.38	4054031.50	0.05714	733846.38	4054056.50	0.05543
733846.38	4054081.50	0.05384	733846.38	4054106.50	0.05234
733846.38	4054131.50	0.05092	733846.38	4054156.50	0.04958
733846.38	4054181.50	0.04829	733846.38	4054206.50	0.04705
733846.38	4054231.50	0.04586	733846.38	4054256.50	0.04470
733846.38	4054281.50	0.04358	733846.38	4054306.50	0.04250
733846.38	4054331.50	0.04144	733846.38	4054356.50	0.04041
733846.38	4054381.50	0.03940	733846.38	4054406.50	0.03843
733846.38	4054431.50	0.03748	733846.38	4054456.50	0.03655
733846.38	4054481.50	0.03564	733846.38	4054506.50	0.03475
733846.38	4054531.50	0.03390	733846.38	4054556.50	0.03306
733846.38	4054581.50	0.03224	733846.38	4054606.50	0.03143
733846.38	4054631.50	0.03066	733846.38	4054656.50	0.02989
733846.38	4054681.50	0.02915	733846.38	4054706.50	0.02842
733846.38	4054731.50	0.02771	733846.38	4054756.50	0.02701
733846.38	4054781.50	0.02633	733846.38	4054806.50	0.02567
733846.38	4054831.50	0.02502	733846.38	4054856.50	0.02439
733846.38	4054881.50	0.02378	733846.38	4054906.50	0.02318

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733846.38	4054931.50	0.02259	733846.38	4054956.50	0.02202
733846.38	4054981.50	0.02147	733846.38	4055006.50	0.02094
733846.38	4055031.50	0.02043	733846.38	4055056.50	0.01993
733846.38	4055081.50	0.01945	733846.38	4055106.50	0.01898
733846.38	4055131.50	0.01853	733846.38	4055156.50	0.01809
733846.38	4055181.50	0.01768	733846.38	4055206.50	0.01727
733846.38	4055231.50	0.01689	733846.38	4055256.50	0.01652
733846.38	4055281.50	0.01616	733846.38	4055306.50	0.01581
733846.38	4055331.50	0.01548	733871.38	4052331.50	0.19624
733871.38	4052356.50	0.20074	733871.38	4052381.50	0.20522
733871.38	4052406.50	0.20968	733871.38	4052431.50	0.21407
733871.38	4052456.50	0.21833	733871.38	4052481.50	0.22248
733871.38	4052506.50	0.22645	733871.38	4052531.50	0.23024
733871.38	4052556.50	0.23382	733871.38	4052581.50	0.23716
733871.38	4052606.50	0.24023	733871.38	4052631.50	0.24299
733871.38	4052656.50	0.24539	733871.38	4052681.50	0.24740
733871.38	4052706.50	0.24898	733871.38	4052731.50	0.25007
733871.38	4052756.50	0.25064	733871.38	4052781.50	0.25063
733871.38	4052806.50	0.25000	733871.38	4052831.50	0.24873
733871.38	4052856.50	0.24683	733871.38	4052881.50	0.24434
733871.38	4052906.50	0.24140	733871.38	4052931.50	0.23809
733871.38	4052956.50	0.23456	733871.38	4052981.50	0.23087
733871.38	4053006.50	0.22713	733871.38	4053031.50	0.22333
733871.38	4053056.50	0.21946	733871.38	4053081.50	0.21541
733871.38	4053106.50	0.21114	733871.38	4053131.50	0.20657
733871.38	4053156.50	0.20172	733871.38	4053181.50	0.19654
733871.38	4053206.50	0.19112	733871.38	4053231.50	0.18544
733871.38	4053256.50	0.17959	733871.38	4053281.50	0.17362
733871.38	4053306.50	0.16753	733871.38	4053331.50	0.16145
733871.38	4053356.50	0.15540	733871.38	4053381.50	0.14940
733871.38	4053406.50	0.14358	733871.38	4053431.50	0.13796
733871.38	4053456.50	0.13253	733871.38	4053481.50	0.12743
733871.38	4053506.50	0.12266	733871.38	4053531.50	0.11822
733871.38	4053556.50	0.11416	733871.38	4053581.50	0.11038
733871.38	4053606.50	0.10675	733871.38	4053631.50	0.10328
733871.38	4053656.50	0.09983	733871.38	4053681.50	0.09631
733871.38	4053706.50	0.09274	733871.38	4053731.50	0.08906
733871.38	4053756.50	0.08532	733871.38	4053781.50	0.08162
733871.38	4053806.50	0.07800	733871.38	4053831.50	0.07457
733871.38	4053856.50	0.07134	733871.38	4053881.50	0.06836

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733871.38	4053906.50	0.06562	733871.38	4053931.50	0.06313
733871.38	4053956.50	0.06084	733871.38	4053981.50	0.05876
733871.38	4054006.50	0.05687	733871.38	4054031.50	0.05513
733871.38	4054056.50	0.05352	733871.38	4054081.50	0.05204
733871.38	4054106.50	0.05066	733871.38	4054131.50	0.04937
733871.38	4054156.50	0.04813	733871.38	4054181.50	0.04695
733871.38	4054206.50	0.04582	733871.38	4054231.50	0.04473
733871.38	4054256.50	0.04368	733871.38	4054281.50	0.04266
733871.38	4054306.50	0.04166	733871.38	4054331.50	0.04067
733871.38	4054356.50	0.03972	733871.38	4054381.50	0.03879
733871.38	4054406.50	0.03787	733871.38	4054431.50	0.03697
733871.38	4054456.50	0.03610	733871.38	4054481.50	0.03524
733871.38	4054506.50	0.03441	733871.38	4054531.50	0.03359
733871.38	4054556.50	0.03278	733871.38	4054581.50	0.03200
733871.38	4054606.50	0.03123	733871.38	4054631.50	0.03049
733871.38	4054656.50	0.02975	733871.38	4054681.50	0.02904
733871.38	4054706.50	0.02833	733871.38	4054731.50	0.02764
733871.38	4054756.50	0.02697	733871.38	4054781.50	0.02631
733871.38	4054806.50	0.02566	733871.38	4054831.50	0.02503
733871.38	4054856.50	0.02441	733871.38	4054881.50	0.02381
733871.38	4054906.50	0.02322	733871.38	4054931.50	0.02264
733871.38	4054956.50	0.02209	733871.38	4054981.50	0.02154
733871.38	4055006.50	0.02101	733871.38	4055031.50	0.02050
733871.38	4055056.50	0.02000	733871.38	4055081.50	0.01952
733871.38	4055106.50	0.01905	733871.38	4055131.50	0.01860
733871.38	4055156.50	0.01816	733871.38	4055181.50	0.01774
733871.38	4055206.50	0.01734	733871.38	4055231.50	0.01695
733871.38	4055256.50	0.01657	733871.38	4055281.50	0.01620
733871.38	4055306.50	0.01585	733871.38	4055331.50	0.01552
730871.38	4055381.50	0.02043	730871.38	4055431.50	0.02002
730871.38	4055481.50	0.01961	730921.38	4055381.50	0.02067
730921.38	4055431.50	0.02023	730921.38	4055481.50	0.01979
730971.38	4055381.50	0.02090	730971.38	4055431.50	0.02044
730971.38	4055481.50	0.01999	731021.38	4055381.50	0.02113
731021.38	4055431.50	0.02066	731021.38	4055481.50	0.02019
731071.38	4055381.50	0.02137	731071.38	4055431.50	0.02088
731071.38	4055481.50	0.02041	731121.38	4055381.50	0.02161
731121.38	4055431.50	0.02112	731121.38	4055481.50	0.02065
731171.38	4055381.50	0.02188	731171.38	4055431.50	0.02138
731171.38	4055481.50	0.02091	731221.38	4055381.50	0.02216

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731221.38	4055431.50	0.02166	731221.38	4055481.50	0.02119
731271.38	4055381.50	0.02246	731271.38	4055431.50	0.02196
731271.38	4055481.50	0.02149	731321.38	4055381.50	0.02279
731321.38	4055431.50	0.02228	731321.38	4055481.50	0.02181
731371.38	4055381.50	0.02313	731371.38	4055431.50	0.02261
731371.38	4055481.50	0.02213	731421.38	4055381.50	0.02347
731421.38	4055431.50	0.02294	731421.38	4055481.50	0.02244
731471.38	4055381.50	0.02380	731471.38	4055431.50	0.02325
731471.38	4055481.50	0.02271	731521.38	4055381.50	0.02411
731521.38	4055431.50	0.02352	731521.38	4055481.50	0.02295
731571.38	4055381.50	0.02437	731571.38	4055431.50	0.02374
731571.38	4055481.50	0.02312	731621.38	4055381.50	0.02458
731621.38	4055431.50	0.02389	731621.38	4055481.50	0.02321
731671.38	4055381.50	0.02469	731671.38	4055431.50	0.02395
731671.38	4055481.50	0.02322	731721.38	4055381.50	0.02472
731721.38	4055431.50	0.02391	731721.38	4055481.50	0.02312
731771.38	4055381.50	0.02464	731771.38	4055431.50	0.02377
731771.38	4055481.50	0.02292	731821.38	4055381.50	0.02445
731821.38	4055431.50	0.02353	731821.38	4055481.50	0.02262
731871.38	4055381.50	0.02415	731871.38	4055431.50	0.02318
731871.38	4055481.50	0.02223	731921.38	4055381.50	0.02376
731921.38	4055431.50	0.02274	731921.38	4055481.50	0.02176
731971.38	4055381.50	0.02327	731971.38	4055431.50	0.02222
731971.38	4055481.50	0.02121	732021.38	4055381.50	0.02270
732021.38	4055431.50	0.02164	732021.38	4055481.50	0.02062
732071.38	4055381.50	0.02209	732071.38	4055431.50	0.02102
732071.38	4055481.50	0.02000	732121.38	4055381.50	0.02145
732121.38	4055431.50	0.02039	732121.38	4055481.50	0.01939
732171.38	4055381.50	0.02082	732171.38	4055431.50	0.01978
732171.38	4055481.50	0.01881	732221.38	4055381.50	0.02021
732221.38	4055431.50	0.01922	732221.38	4055481.50	0.01829
732271.38	4055381.50	0.01968	732271.38	4055431.50	0.01873
732271.38	4055481.50	0.01786	732321.38	4055381.50	0.01923
732321.38	4055431.50	0.01833	732321.38	4055481.50	0.01751
732371.38	4055381.50	0.01888	732371.38	4055431.50	0.01803
732371.38	4055481.50	0.01727	732421.38	4055381.50	0.01863
732421.38	4055431.50	0.01784	732421.38	4055481.50	0.01712
732471.38	4055381.50	0.01848	732471.38	4055431.50	0.01773
732471.38	4055481.50	0.01706	732521.38	4055381.50	0.01840
732521.38	4055431.50	0.01770	732521.38	4055481.50	0.01705

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732571.38	4055381.50	0.01838	732571.38	4055431.50	0.01771
732571.38	4055481.50	0.01709	732621.38	4055381.50	0.01840
732621.38	4055431.50	0.01774	732621.38	4055481.50	0.01714
732671.38	4055381.50	0.01842	732671.38	4055431.50	0.01778
732671.38	4055481.50	0.01719	732721.38	4055381.50	0.01843
732721.38	4055431.50	0.01780	732721.38	4055481.50	0.01722
732771.38	4055381.50	0.01843	732771.38	4055431.50	0.01780
732771.38	4055481.50	0.01722	732821.38	4055381.50	0.01840
732821.38	4055431.50	0.01777	732821.38	4055481.50	0.01719
732871.38	4055381.50	0.01834	732871.38	4055431.50	0.01771
732871.38	4055481.50	0.01712	732921.38	4055381.50	0.01827
732921.38	4055431.50	0.01763	732921.38	4055481.50	0.01703
732971.38	4055381.50	0.01817	732971.38	4055431.50	0.01752
732971.38	4055481.50	0.01691	733021.38	4055381.50	0.01804
733021.38	4055431.50	0.01738	733021.38	4055481.50	0.01677
733071.38	4055381.50	0.01787	733071.38	4055431.50	0.01721
733071.38	4055481.50	0.01660	733121.38	4055381.50	0.01767
733121.38	4055431.50	0.01701	733121.38	4055481.50	0.01639
733171.38	4055381.50	0.01742	733171.38	4055431.50	0.01677
733171.38	4055481.50	0.01616	733221.38	4055381.50	0.01715
733221.38	4055431.50	0.01651	733221.38	4055481.50	0.01592
733271.38	4055381.50	0.01686	733271.38	4055431.50	0.01624
733271.38	4055481.50	0.01567	733321.38	4055381.50	0.01657
733321.38	4055431.50	0.01598	733321.38	4055481.50	0.01542
733371.38	4055381.50	0.01630	733371.38	4055431.50	0.01573
733371.38	4055481.50	0.01520	733421.38	4055381.50	0.01606
733421.38	4055431.50	0.01551	733421.38	4055481.50	0.01499
733471.38	4055381.50	0.01583	733471.38	4055431.50	0.01530
733471.38	4055481.50	0.01480	733521.38	4055381.50	0.01563
733521.38	4055431.50	0.01511	733521.38	4055481.50	0.01462
733571.38	4055381.50	0.01544	733571.38	4055431.50	0.01492
733571.38	4055481.50	0.01444	733621.38	4055381.50	0.01526
733621.38	4055431.50	0.01474	733621.38	4055481.50	0.01427
733671.38	4055381.50	0.01509	733671.38	4055431.50	0.01458
733671.38	4055481.50	0.01410	733721.38	4055381.50	0.01496
733721.38	4055431.50	0.01443	733721.38	4055481.50	0.01394
733771.38	4055381.50	0.01488	733771.38	4055431.50	0.01433
733771.38	4055481.50	0.01383	733821.38	4055381.50	0.01484
733821.38	4055431.50	0.01428	733821.38	4055481.50	0.01376
733871.38	4055381.50	0.01488	733871.38	4055431.50	0.01429

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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733871.38	4055481.50	0.01375	733921.38	4055381.50	0.01498
733921.38	4055431.50	0.01437	733921.38	4055481.50	0.01380
733971.38	4055381.50	0.01514	733971.38	4055431.50	0.01451
733971.38	4055481.50	0.01393	734021.38	4055381.50	0.01535
734021.38	4055431.50	0.01471	734021.38	4055481.50	0.01410
733921.38	4055331.50	0.01564	733921.38	4055281.50	0.01635
733921.38	4055231.50	0.01710	733921.38	4055181.50	0.01791
733921.38	4055131.50	0.01877	733921.38	4055081.50	0.01969
733921.38	4055031.50	0.02066	733921.38	4054981.50	0.02168
733921.38	4054931.50	0.02275	733921.38	4054881.50	0.02387
733921.38	4054831.50	0.02503	733921.38	4054781.50	0.02623
733921.38	4054731.50	0.02748	733921.38	4054681.50	0.02877
733921.38	4054631.50	0.03009	733921.38	4054581.50	0.03147
733921.38	4054531.50	0.03290	733921.38	4054481.50	0.03436
733921.38	4054431.50	0.03587	733921.38	4054381.50	0.03742
733921.38	4054331.50	0.03901	733921.38	4054281.50	0.04065
733921.38	4054231.50	0.04237	733921.38	4054181.50	0.04422
733921.38	4054131.50	0.04626	733921.38	4054081.50	0.04857
733921.38	4054031.50	0.05131	733921.38	4053981.50	0.05461
733921.38	4053931.50	0.05858	733921.38	4053881.50	0.06333
733921.38	4053831.50	0.06883	733921.38	4053781.50	0.07486
733921.38	4053731.50	0.08097	733921.38	4053681.50	0.08678
733921.38	4053631.50	0.09234	733921.38	4053581.50	0.09796
733921.38	4053531.50	0.10406	733921.38	4053481.50	0.11110
733921.38	4053431.50	0.11912	733921.38	4053381.50	0.12782
733921.38	4053331.50	0.13692	733921.38	4053281.50	0.14604
733921.38	4053231.50	0.15485	733921.38	4053181.50	0.16305
733921.38	4053131.50	0.17050	733921.38	4053081.50	0.17729
733921.38	4053031.50	0.18379	733921.38	4052981.50	0.19034
733921.38	4052931.50	0.19682	733921.38	4052881.50	0.20274
733921.38	4052831.50	0.20746	733921.38	4052781.50	0.21041
733921.38	4052731.50	0.21151	733921.38	4052681.50	0.21097
733921.38	4052631.50	0.20901	733921.38	4052581.50	0.20587
733921.38	4052531.50	0.20174	733921.38	4052481.50	0.19680
733921.38	4052431.50	0.19121	733921.38	4052381.50	0.18501
733921.38	4052331.50	0.17846	733921.38	4052281.50	0.17165
733921.38	4052231.50	0.16477	733921.38	4052181.50	0.15785
733971.38	4055331.50	0.01582	733971.38	4055281.50	0.01654
733971.38	4055231.50	0.01731	733971.38	4055181.50	0.01812
733971.38	4055131.50	0.01898	733971.38	4055081.50	0.01989

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733971.38	4055031.50	0.02083	733971.38	4054981.50	0.02182
733971.38	4054931.50	0.02284	733971.38	4054881.50	0.02390
733971.38	4054831.50	0.02498	733971.38	4054781.50	0.02609
733971.38	4054731.50	0.02724	733971.38	4054681.50	0.02841
733971.38	4054631.50	0.02960	733971.38	4054581.50	0.03083
733971.38	4054531.50	0.03206	733971.38	4054481.50	0.03332
733971.38	4054431.50	0.03458	733971.38	4054381.50	0.03585
733971.38	4054331.50	0.03715	733971.38	4054281.50	0.03848
733971.38	4054231.50	0.03990	733971.38	4054181.50	0.04146
733971.38	4054131.50	0.04323	733971.38	4054081.50	0.04531
733971.38	4054031.50	0.04784	733971.38	4053981.50	0.05090
733971.38	4053931.50	0.05457	733971.38	4053881.50	0.05891
733971.38	4053831.50	0.06380	733971.38	4053781.50	0.06895
733971.38	4053731.50	0.07405	733971.38	4053681.50	0.07883
733971.38	4053631.50	0.08338	733971.38	4053581.50	0.08797
733971.38	4053531.50	0.09287	733971.38	4053481.50	0.09837
733971.38	4053431.50	0.10460	733971.38	4053381.50	0.11134
733971.38	4053331.50	0.11827	733971.38	4053281.50	0.12514
733971.38	4053231.50	0.13172	733971.38	4053181.50	0.13782
733971.38	4053131.50	0.14342	733971.38	4053081.50	0.14870
733971.38	4053031.50	0.15405	733971.38	4052981.50	0.15964
733971.38	4052931.50	0.16531	733971.38	4052881.50	0.17069
733971.38	4052831.50	0.17528	733971.38	4052781.50	0.17864
733971.38	4052731.50	0.18059	733971.38	4052681.50	0.18124
733971.38	4052631.50	0.18078	733971.38	4052581.50	0.17934
733971.38	4052531.50	0.17707	733971.38	4052481.50	0.17409
733971.38	4052431.50	0.17049	733971.38	4052381.50	0.16633
733971.38	4052331.50	0.16168	733971.38	4052281.50	0.15671
733971.38	4052231.50	0.15151	733971.38	4052181.50	0.14614
734021.38	4055331.50	0.01604	734021.38	4055281.50	0.01677
734021.38	4055231.50	0.01754	734021.38	4055181.50	0.01835
734021.38	4055131.50	0.01919	734021.38	4055081.50	0.02007
734021.38	4055031.50	0.02098	734021.38	4054981.50	0.02192
734021.38	4054931.50	0.02288	734021.38	4054881.50	0.02386
734021.38	4054831.50	0.02486	734021.38	4054781.50	0.02587
734021.38	4054731.50	0.02690	734021.38	4054681.50	0.02793
734021.38	4054631.50	0.02897	734021.38	4054581.50	0.03001
734021.38	4054531.50	0.03105	734021.38	4054481.50	0.03208
734021.38	4054431.50	0.03310	734021.38	4054381.50	0.03412
734021.38	4054331.50	0.03515	734021.38	4054281.50	0.03623

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734021.38	4054231.50	0.03742	734021.38	4054181.50	0.03878
734021.38	4054131.50	0.04040	734021.38	4054081.50	0.04233
734021.38	4054031.50	0.04471	734021.38	4053981.50	0.04759
734021.38	4053931.50	0.05103	734021.38	4053881.50	0.05499
734021.38	4053831.50	0.05935	734021.38	4053781.50	0.06383
734021.38	4053731.50	0.06812	734021.38	4053681.50	0.07216

734021.38	4053631.50	0.07599	734021.38	4053581.50	0.07980
734021.38	4053531.50	0.08380	734021.38	4053481.50	0.08820
734021.38	4053431.50	0.09305	734021.38	4053381.50	0.09828
734021.38	4053331.50	0.10361	734021.38	4053281.50	0.10882
734021.38	4053231.50	0.11374	734021.38	4053181.50	0.11830
734021.38	4053131.50	0.12258	734021.38	4053081.50	0.12680
734021.38	4053031.50	0.13122	734021.38	4052981.50	0.13597
734021.38	4052931.50	0.14087	734021.38	4052881.50	0.14562
734021.38	4052831.50	0.14989	734021.38	4052781.50	0.15329
734021.38	4052731.50	0.15562	734021.38	4052681.50	0.15692
734021.38	4052631.50	0.15734	734021.38	4052581.50	0.15697
734021.38	4052531.50	0.15592	734021.38	4052481.50	0.15426
734021.38	4052431.50	0.15206	734021.38	4052381.50	0.14937
734021.38	4052331.50	0.14619	734021.38	4052281.50	0.14268
734021.38	4052231.50	0.13884	734021.38	4052181.50	0.13478
733871.38	4052281.50	0.18720	733871.38	4052231.50	0.17832
733871.38	4052181.50	0.16961	733821.38	4052281.50	0.20292
733821.38	4052231.50	0.19174	733821.38	4052181.50	0.18106
733771.38	4052281.50	0.21826	733771.38	4052231.50	0.20458
733771.38	4052181.50	0.19175	733721.38	4052281.50	0.23256
733721.38	4052231.50	0.21630	733721.38	4052181.50	0.20132
733671.38	4052281.50	0.24522	733671.38	4052231.50	0.22639
733671.38	4052181.50	0.20938	733621.38	4052281.50	0.25572
733621.38	4052231.50	0.23449	733621.38	4052181.50	0.21562
733571.38	4052281.50	0.26366	733571.38	4052231.50	0.24041
733571.38	4052181.50	0.21989	733521.38	4052281.50	0.26867
733521.38	4052231.50	0.24375	733521.38	4052181.50	0.22189
733471.38	4052281.50	0.27055	733471.38	4052231.50	0.24434
733471.38	4052181.50	0.22150	733421.38	4052281.50	0.26939
733421.38	4052231.50	0.24228	733421.38	4052181.50	0.21880
733371.38	4052281.50	0.26534	733371.38	4052231.50	0.23776
733371.38	4052181.50	0.21405	733321.38	4052281.50	0.25859
733321.38	4052231.50	0.23099	733321.38	4052181.50	0.20741
733271.38	4052281.50	0.24923	733271.38	4052231.50	0.22213

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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733271.38	4052181.50	0.19906	733221.38	4052281.50	0.23728
733221.38	4052231.50	0.21117	733221.38	4052181.50	0.18909
733171.38	4052281.50	0.22322	733171.38	4052231.50	0.19859
733171.38	4052181.50	0.17781	733121.38	4052281.50	0.20738
733121.38	4052231.50	0.18468	733121.38	4052181.50	0.16558
733071.38	4052281.50	0.19058	733071.38	4052231.50	0.17010
733071.38	4052181.50	0.15290	733021.38	4052281.50	0.17340
733021.38	4052231.50	0.15539	733021.38	4052181.50	0.14020
732971.38	4052281.50	0.15659	732971.38	4052231.50	0.14104
732971.38	4052181.50	0.12789	732921.38	4052281.50	0.14066
732921.38	4052231.50	0.12749	732921.38	4052181.50	0.11623
732871.38	4052281.50	0.12609	732871.38	4052231.50	0.11502
732871.38	4052181.50	0.10549	732821.38	4052281.50	0.11307
732821.38	4052231.50	0.10384	732821.38	4052181.50	0.09580
732771.38	4052281.50	0.10165	732771.38	4052231.50	0.09397
732771.38	4052181.50	0.08721	732721.38	4052281.50	0.09164
732721.38	4052231.50	0.08528	732721.38	4052181.50	0.07961
732671.38	4052281.50	0.08274	732671.38	4052231.50	0.07749
732671.38	4052181.50	0.07276	732621.38	4052281.50	0.07475
732621.38	4052231.50	0.07044	732621.38	4052181.50	0.06650
732571.38	4052281.50	0.06768	732571.38	4052231.50	0.06409
732571.38	4052181.50	0.06081	732521.38	4052281.50	0.06150
732521.38	4052231.50	0.05851	732521.38	4052181.50	0.05573
732471.38	4052281.50	0.05613	732471.38	4052231.50	0.05362
732471.38	4052181.50	0.05127	732421.38	4052281.50	0.05148
732421.38	4052231.50	0.04935	732421.38	4052181.50	0.04709
732371.38	4052281.50	0.04741	732371.38	4052231.50	0.04560
732371.38	4052181.50	0.04367	732321.38	4052281.50	0.04386
732321.38	4052231.50	0.04213	732321.38	4052181.50	0.04064
732271.38	4052281.50	0.04060	732271.38	4052231.50	0.03925
732271.38	4052181.50	0.03796	732221.38	4052281.50	0.03782
732221.38	4052231.50	0.03667	732221.38	4052181.50	0.03555
732171.38	4052281.50	0.03531	732171.38	4052231.50	0.03434
732171.38	4052181.50	0.03338	732121.38	4052281.50	0.03302
732121.38	4052231.50	0.03221	732121.38	4052181.50	0.03140
732071.38	4052281.50	0.03095	732071.38	4052231.50	0.03027
732071.38	4052181.50	0.02958	732021.38	4052281.50	0.02909
732021.38	4052231.50	0.02849	732021.38	4052181.50	0.02791
731971.38	4052281.50	0.02741	731971.38	4052231.50	0.02689
731971.38	4052181.50	0.02639	731921.38	4052281.50	0.02589

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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731921.38	4052231.50	0.02543	731921.38	4052181.50	0.02499
731871.38	4052281.50	0.02453	731871.38	4052231.50	0.02411
731871.38	4052181.50	0.02372	731821.38	4052281.50	0.02329
731821.38	4052231.50	0.02291	731821.38	4052181.50	0.02256
731771.38	4052281.50	0.02217	731771.38	4052231.50	0.02180
731771.38	4052181.50	0.02149	731721.38	4052281.50	0.02113
731721.38	4052231.50	0.02079	731721.38	4052181.50	0.02051
731671.38	4052281.50	0.02018	731671.38	4052231.50	0.01986
731671.38	4052181.50	0.01959	731621.38	4052281.50	0.01931
731621.38	4052231.50	0.01899	731621.38	4052181.50	0.01874
731571.38	4052281.50	0.01851	731571.38	4052231.50	0.01819
731571.38	4052181.50	0.01795	731521.38	4052281.50	0.01778
731521.38	4052231.50	0.01746	731521.38	4052181.50	0.01722

731471.38	4052281.50	0.01712	731471.38	4052231.50	0.01679
731471.38	4052181.50	0.01654	731421.38	4052281.50	0.01654
731421.38	4052231.50	0.01618	731421.38	4052181.50	0.01592
731371.38	4052281.50	0.01601	731371.38	4052231.50	0.01563
731371.38	4052181.50	0.01535	731321.38	4052281.50	0.01554
731321.38	4052231.50	0.01514	731321.38	4052181.50	0.01484
731271.38	4052281.50	0.01512	731271.38	4052231.50	0.01470
731271.38	4052181.50	0.01439	731221.38	4052281.50	0.01474
731221.38	4052231.50	0.01432	731221.38	4052181.50	0.01399
731171.38	4052281.50	0.01441	731171.38	4052231.50	0.01398
731171.38	4052181.50	0.01363	731121.38	4052281.50	0.01410
731121.38	4052231.50	0.01365	731121.38	4052181.50	0.01328
731071.38	4052281.50	0.01381	731071.38	4052231.50	0.01335
731071.38	4052181.50	0.01297	731021.38	4052281.50	0.01356
731021.38	4052231.50	0.01309	731021.38	4052181.50	0.01269
730971.38	4052281.50	0.01333	730971.38	4052231.50	0.01285
730971.38	4052181.50	0.01244	730921.38	4052281.50	0.01311
730921.38	4052231.50	0.01263	730921.38	4052181.50	0.01222
730871.38	4052281.50	0.01292	730871.38	4052231.50	0.01244
730871.38	4052181.50	0.01201	730821.38	4052281.50	0.01273
730821.38	4052231.50	0.01226	730821.38	4052181.50	0.01183
730771.38	4052281.50	0.01255	730771.38	4052231.50	0.01209
730771.38	4052181.50	0.01166	730721.38	4052281.50	0.01239
730721.38	4052231.50	0.01193	730721.38	4052181.50	0.01150
730821.38	4052331.50	0.01323	730821.38	4052381.50	0.01372
730821.38	4052431.50	0.01419	730821.38	4052481.50	0.01463
730821.38	4052531.50	0.01504	730821.38	4052581.50	0.01544

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730821.38	4052631.50	0.01585	730821.38	4052681.50	0.01628
730821.38	4052731.50	0.01674	730821.38	4052781.50	0.01722
730821.38	4052831.50	0.01769	730821.38	4052881.50	0.01811
730821.38	4052931.50	0.01849	730821.38	4052981.50	0.01883
730821.38	4053031.50	0.01933	730821.38	4053081.50	0.01968
730821.38	4053131.50	0.02005	730821.38	4053181.50	0.02045
730821.38	4053231.50	0.02089	730821.38	4053281.50	0.02137
730821.38	4053331.50	0.02187	730821.38	4053381.50	0.02238
730821.38	4053431.50	0.02290	730821.38	4053481.50	0.02341
730821.38	4053531.50	0.02389	730821.38	4053581.50	0.02435
730821.38	4053631.50	0.02477	730821.38	4053681.50	0.02513
730821.38	4053731.50	0.02544	730821.38	4053781.50	0.02593
730821.38	4053831.50	0.02584	730821.38	4053881.50	0.02593
730821.38	4053931.50	0.02593	730821.38	4053981.50	0.02585
730821.38	4054031.50	0.02567	730821.38	4054081.50	0.02541
730821.38	4054131.50	0.02507	730821.38	4054181.50	0.02467
730821.38	4054231.50	0.02424	730821.38	4054281.50	0.02380
730821.38	4054331.50	0.02337	730821.38	4054381.50	0.02299
730821.38	4054431.50	0.02264	730821.38	4054481.50	0.02236
730821.38	4054531.50	0.02212	730821.38	4054581.50	0.02194
730821.38	4054631.50	0.02181	730821.38	4054681.50	0.02172
730821.38	4054731.50	0.02167	730821.38	4054781.50	0.02165
730821.38	4054831.50	0.02165	730821.38	4054881.50	0.02166
730821.38	4054931.50	0.02167	730821.38	4054981.50	0.02166
730821.38	4055031.50	0.02163	730821.38	4055081.50	0.02156
730821.38	4055131.50	0.02144	730821.38	4055181.50	0.02128
730821.38	4055231.50	0.02107	730821.38	4055281.50	0.02081
730821.38	4055331.50	0.02051	730821.38	4055381.50	0.02017
730771.38	4055431.50	0.01980	730771.38	4055481.50	0.01941
730771.38	4055531.50	0.01903	730771.38	4055581.50	0.01851
730771.38	4055631.50	0.01752	730771.38	4055681.50	0.01736
730771.38	4055731.50	0.01636	730771.38	4055781.50	0.01681
730771.38	4055831.50	0.01724	730771.38	4055881.50	0.01764
730771.38	4055931.50	0.01798	730771.38	4055981.50	0.01829
730771.38	4056031.50	0.01859	730771.38	4056081.50	0.01911
730771.38	4056131.50	0.01946	730771.38	4056181.50	0.01984
730771.38	4056231.50	0.02026	730771.38	4056281.50	0.02071
730771.38	4056331.50	0.02118	730771.38	4056381.50	0.02167

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730771.38	4053431.50	0.02216	730771.38	4053481.50	0.02264
730771.38	4053531.50	0.02311	730771.38	4053581.50	0.02356
730771.38	4053631.50	0.02397	730771.38	4053681.50	0.02434
730771.38	4053731.50	0.02465	730771.38	4053781.50	0.02490
730771.38	4053831.50	0.02508	730771.38	4053881.50	0.02518
730771.38	4053931.50	0.02521	730771.38	4053981.50	0.02515
730771.38	4054031.50	0.02500	730771.38	4054081.50	0.02477
730771.38	4054131.50	0.02446	730771.38	4054181.50	0.02409
730771.38	4054231.50	0.02367	730771.38	4054281.50	0.02325
730771.38	4054331.50	0.02283	730771.38	4054381.50	0.02243
730771.38	4054431.50	0.02208	730771.38	4054481.50	0.02178
730771.38	4054531.50	0.02153	730771.38	4054581.50	0.02133
730771.38	4054631.50	0.02118	730771.38	4054681.50	0.02108
730771.38	4054731.50	0.02102	730771.38	4054781.50	0.02099
730771.38	4054831.50	0.02099	730771.38	4054881.50	0.02100
730771.38	4054931.50	0.02102	730771.38	4054981.50	0.02103
730771.38	4055031.50	0.02103	730771.38	4055081.50	0.02100
730771.38	4055131.50	0.02093	730771.38	4055181.50	0.02082
730771.38	4055231.50	0.02066	730771.38	4055281.50	0.02045
730771.38	4055331.50	0.02020	730771.38	4055381.50	0.01990

730771.38	4055431.50	0.01957	730771.38	4055481.50	0.01921
730721.38	4052331.50	0.01285	730721.38	4052381.50	0.01330
730721.38	4052431.50	0.01372	730721.38	4052481.50	0.01411
730721.38	4052531.50	0.01447	730721.38	4052581.50	0.01483
730721.38	4052631.50	0.01520	730721.38	4052681.50	0.01558
730721.38	4052731.50	0.01600	730721.38	4052781.50	0.01642
730721.38	4052831.50	0.01682	730721.38	4052881.50	0.01718
730721.38	4052931.50	0.01750	730721.38	4052981.50	0.01779
730721.38	4053031.50	0.01807	730721.38	4053081.50	0.01837
730721.38	4053131.50	0.01890	730721.38	4053181.50	0.01927
730721.38	4053231.50	0.01966	730721.38	4053281.50	0.02009
730721.38	4053331.50	0.02054	730721.38	4053381.50	0.02100
730721.38	4053431.50	0.02146	730721.38	4053481.50	0.02192
730721.38	4053531.50	0.02237	730721.38	4053581.50	0.02281
730721.38	4053631.50	0.02322	730721.38	4053681.50	0.02358
730721.38	4053731.50	0.02390	730721.38	4053781.50	0.02416
730721.38	4053831.50	0.02435	730721.38	4053881.50	0.02447
730721.38	4053931.50	0.02451	730721.38	4053981.50	0.02447
730721.38	4054031.50	0.02435	730721.38	4054081.50	0.02415
730721.38	4054131.50	0.02388	730721.38	4054181.50	0.02353

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730721.38	4054231.50	0.02314	730721.38	4054281.50	0.02273
730721.38	4054331.50	0.02232	730721.38	4054381.50	0.02192
730721.38	4054431.50	0.02157	730721.38	4054481.50	0.02125
730721.38	4054531.50	0.02099	730721.38	4054581.50	0.02077
730721.38	4054631.50	0.02060	730721.38	4054681.50	0.02048
730721.38	4054731.50	0.02040	730721.38	4054781.50	0.02036
730721.38	4054831.50	0.02035	730721.38	4054881.50	0.02036
730721.38	4054931.50	0.02039	730721.38	4054981.50	0.02042
730721.38	4055031.50	0.02043	730721.38	4055081.50	0.02043
730721.38	4055131.50	0.02040	730721.38	4055181.50	0.02033
730721.38	4055231.50	0.02022	730721.38	4055281.50	0.02006
730721.38	4055331.50	0.01986	730721.38	4055381.50	0.01961
730721.38	4055431.50	0.01932	730721.38	4055481.50	0.01900
730721.38	4055564.75	0.01841	730721.38	4055648.25	0.01778
730721.38	4055731.50	0.01716	730820.00	4055564.75	0.01874
730820.00	4055648.25	0.01806	730820.00	4055731.50	0.01742
730918.63	4055564.75	0.01907	730918.63	4055648.25	0.01838
730918.63	4055731.50	0.01775	731017.19	4055564.75	0.01944
731017.19	4055648.25	0.01876	731017.19	4055731.50	0.01816
731115.81	4055564.75	0.01989	731115.81	4055648.25	0.01924
731115.81	4055731.50	0.01867	731214.44	4055564.75	0.02043
731214.44	4055648.25	0.01979	731214.44	4055731.50	0.01921
731313.06	4055564.75	0.02103	731313.06	4055648.25	0.02035
731313.06	4055731.50	0.01971	731411.63	4055564.75	0.02158
731411.63	4055648.25	0.02081	731411.63	4055731.50	0.02006
731510.25	4055564.75	0.02198	731510.25	4055648.25	0.02106
731510.25	4055731.50	0.02016	731608.88	4055564.75	0.02210
731608.88	4055648.25	0.02102	731608.88	4055731.50	0.01994
731707.50	4055564.75	0.02188	731707.50	4055648.25	0.02062
731707.50	4055731.50	0.01940	731806.13	4055564.75	0.02129
731806.13	4055648.25	0.01990	731806.13	4055731.50	0.01857
731904.69	4055564.75	0.02037	731904.69	4055648.25	0.01890
731904.69	4055731.50	0.01754	732003.31	4055564.75	0.01925
732003.31	4055648.25	0.01778	732003.31	4055731.50	0.01646
732101.94	4055564.75	0.01809	732101.94	4055648.25	0.01671
732101.94	4055731.50	0.01549	732200.56	4055564.75	0.01709
732200.56	4055648.25	0.01585	732200.56	4055731.50	0.01478
732299.13	4055564.75	0.01640	732299.13	4055648.25	0.01533
732299.13	4055731.50	0.01441	732397.75	4055564.75	0.01609
732397.75	4055648.25	0.01515	732397.75	4055731.50	0.01435

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732496.38	4055564.75	0.01607	732496.38	4055648.25	0.01523
732496.38	4055731.50	0.01449	732595.00	4055564.75	0.01620
732595.00	4055648.25	0.01540	732595.00	4055731.50	0.01468
732693.63	4055564.75	0.01632	732693.63	4055648.25	0.01552
732693.63	4055731.50	0.01480	732792.19	4055564.75	0.01632
732792.19	4055648.25	0.01551	732792.19	4055731.50	0.01477
732890.81	4055564.75	0.01618	732890.81	4055648.25	0.01534
732890.81	4055731.50	0.01458	732989.44	4055564.75	0.01593
732989.44	4055648.25	0.01507	732989.44	4055731.50	0.01429
733088.06	4055564.75	0.01558	733088.06	4055648.25	0.01472
733088.06	4055731.50	0.01394	733186.63	4055564.75	0.01516
733186.63	4055648.25	0.01432	733186.63	4055731.50	0.01356
733285.25	4055564.75	0.01472	733285.25	4055648.25	0.01392
733285.25	4055731.50	0.01320	733383.88	4055564.75	0.01433
733383.88	4055648.25	0.01358	733383.88	4055731.50	0.01290
733482.50	4055564.75	0.01399	733482.50	4055648.25	0.01329
733482.50	4055731.50	0.01266	733581.13	4055564.75	0.01368
733581.13	4055648.25	0.01301	733581.13	4055731.50	0.01241
733679.69	4055564.75	0.01334	733679.69	4055648.25	0.01269
733679.69	4055731.50	0.01211	733778.31	4055564.75	0.01305
733778.31	4055648.25	0.01238	733778.31	4055731.50	0.01179
733876.94	4055564.75	0.01293	733876.94	4055648.25	0.01221
733876.94	4055731.50	0.01157	733975.56	4055564.75	0.01305
733975.56	4055648.25	0.01225	733975.56	4055731.50	0.01155
734074.13	4055564.75	0.01338	734074.13	4055648.25	0.01252
734074.13	4055731.50	0.01175	734172.75	4055564.75	0.01387
734172.75	4055648.25	0.01296	734172.75	4055731.50	0.01214

734271.38 4055564.75 0.01439 734271.38 4055648.25 0.01348
734271.38 4055731.50 0.01263 734104.69 4055481.50 0.01449
734104.69 4055383.00 0.01575 734104.69 4055284.25 0.01714
734104.69 4055185.75 0.01863 734104.69 4055087.00 0.02021
734104.69 4054988.50 0.02182 734104.69 4054889.75 0.02344
734104.69 4054791.25 0.02504 734104.69 4054692.50 0.02660
734104.69 4054594.00 0.02807 734104.69 4054495.50 0.02944
734104.69 4054396.75 0.03076 734104.69 4054298.25 0.03223
734104.69 4054199.50 0.03426 734104.69 4054101.00 0.03728
734104.69 4054002.25 0.04179 734104.69 4053903.75 0.04796
734104.69 4053805.00 0.05509 734104.69 4053706.50 0.06172
734104.69 4053608.00 0.06759 734104.69 4053509.25 0.07330
734104.69 4053410.75 0.07963 734104.69 4053312.00 0.08642

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734104.69	4053213.50	0.09253	734104.69	4053114.75	0.09820
734104.69	4053016.25	0.10463	734104.69	4052917.50	0.11206
734104.69	4052819.00	0.11919	734104.69	4052720.50	0.12432
734104.69	4052621.75	0.12684	734104.69	4052523.25	0.12730
734104.69	4052424.50	0.12607	734104.69	4052326.00	0.12338
734104.69	4052227.25	0.11938	734104.69	4052128.75	0.11438
734104.69	4052030.00	0.10872	734104.69	4051931.50	0.10268
734188.06	4055481.50	0.01493	734188.06	4055383.00	0.01617
734188.06	4055284.25	0.01750	734188.06	4055185.75	0.01886
734188.06	4055087.00	0.02022	734188.06	4054988.50	0.02155
734188.06	4054889.75	0.02281	734188.06	4054791.25	0.02398
734188.06	4054692.50	0.02503	734188.06	4054594.00	0.02596
734188.06	4054495.50	0.02679	734188.06	4054396.75	0.02768
734188.06	4054298.25	0.02892	734188.06	4054199.50	0.03085
734188.06	4054101.00	0.03383	734188.06	4054002.25	0.03820
734188.06	4053903.75	0.04383	734188.06	4053805.00	0.04985
734188.06	4053706.50	0.05516	734188.06	4053608.00	0.05970
734188.06	4053509.25	0.06381	734188.06	4053410.75	0.06798
734188.06	4053312.00	0.07230	734188.06	4053213.50	0.07623
734188.06	4053114.75	0.08019	734188.06	4053016.25	0.08514
734188.06	4052917.50	0.09096	734188.06	4052819.00	0.09675
734188.06	4052720.50	0.10137	734188.06	4052621.75	0.10415
734188.06	4052523.25	0.10546	734188.06	4052424.50	0.10562
734188.06	4052326.00	0.10472	734188.06	4052227.25	0.10279
734188.06	4052128.75	0.09996	734188.06	4052030.00	0.09641
734188.06	4051931.50	0.09236	734271.38	4055481.50	0.01534
734271.38	4055383.00	0.01650	734271.38	4055284.25	0.01769
734271.38	4055185.75	0.01883	734271.38	4055087.00	0.01991
734271.38	4054988.50	0.02089	734271.38	4054889.75	0.02176
734271.38	4054791.25	0.02250	734271.38	4054692.50	0.02310
734271.38	4054594.00	0.02361	734271.38	4054495.50	0.02413
734271.38	4054396.75	0.02487	734271.38	4054298.25	0.02610
734271.38	4054199.50	0.02811	734271.38	4054101.00	0.03117
734271.38	4054002.25	0.03543	734271.38	4053903.75	0.04054
734271.38	4053805.00	0.04562	734271.38	4053706.50	0.04988
734271.38	4053608.00	0.05336	734271.38	4053509.25	0.05624
734271.38	4053410.75	0.05889	734271.38	4053312.00	0.06156
734271.38	4053213.50	0.06417	734271.38	4053114.75	0.06713
734271.38	4053016.25	0.07105	734271.38	4052917.50	0.07567
734271.38	4052819.00	0.08040	734271.38	4052720.50	0.08440

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734271.38	4052621.75	0.08708	734271.38	4052523.25	0.08864
734271.38	4052424.50	0.08943	734271.38	4052326.00	0.08948
734271.38	4052227.25	0.08878	734271.38	4052128.75	0.08733
734271.38	4052030.00	0.08526	734271.38	4051931.50	0.08268
734021.38	4052098.25	0.12772	734021.38	4052014.75	0.12046
734021.38	4051931.50	0.11324	733922.75	4052098.25	0.14629
733922.75	4052014.75	0.13548	733922.75	4051931.50	0.12527
733824.13	4052098.25	0.16401	733824.13	4052014.75	0.14902
733824.13	4051931.50	0.13548	733725.56	4052098.25	0.17857
733725.56	4052014.75	0.15937	733725.56	4051931.50	0.14267
733626.94	4052098.25	0.18803	733626.94	4052014.75	0.16523
733626.94	4051931.50	0.14604	733528.31	4052098.25	0.19104
733528.31	4052014.75	0.16582	733528.31	4051931.50	0.14507
733429.69	4052098.25	0.18693	733429.69	4052014.75	0.16076
733429.69	4051931.50	0.13962	733331.13	4052098.25	0.17646
733331.13	4052014.75	0.15084	733331.13	4051931.50	0.13042
733232.50	4052098.25	0.16120	733232.50	4052014.75	0.13755
733232.50	4051931.50	0.11885	733133.88	4052098.25	0.14248
733133.88	4052014.75	0.12209	733133.88	4051931.50	0.10601
733035.25	4052098.25	0.12252	733035.25	4052014.75	0.10596
733035.25	4051931.50	0.09285	732936.63	4052098.25	0.10357
732936.63	4052014.75	0.09070	732936.63	4051931.50	0.08035
732838.06	4052098.25	0.08704	732838.06	4052014.75	0.07735
732838.06	4051931.50	0.06934	732739.44	4052098.25	0.07361
732739.44	4052014.75	0.06637	732739.44	4051931.50	0.05997
732640.81	4052098.25	0.06267	732640.81	4052014.75	0.05721
732640.81	4051931.50	0.05255	732542.19	4052098.25	0.05332
732542.19	4052014.75	0.04921	732542.19	4051931.50	0.04579
732443.63	4052098.25	0.04544	732443.63	4052014.75	0.04244
732443.63	4051931.50	0.03981	732345.00	4052098.25	0.03954
732345.00	4052014.75	0.03722	732345.00	4051931.50	0.03509
732246.38	4052098.25	0.03483	732246.38	4052014.75	0.03306
732246.38	4051931.50	0.03140	732147.75	4052098.25	0.03097
732147.75	4052014.75	0.02958	732147.75	4051931.50	0.02827

732049.13	4052098.25	0.02773	732049.13	4052014.75	0.02664
732049.13	4051931.50	0.02558	731950.56	4052098.25	0.02500
731950.56	4052014.75	0.02416	731950.56	4051931.50	0.02331
731851.94	4052098.25	0.02266	731851.94	4052014.75	0.02204
731851.94	4051931.50	0.02138	731753.31	4052098.25	0.02067
731753.31	4052014.75	0.02020	731753.31	4051931.50	0.01972

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731654.69	4052098.25	0.01894	731654.69	4052014.75	0.01860
731654.69	4051931.50	0.01825	731556.13	4052098.25	0.01742
731556.13	4052014.75	0.01717	731556.13	4051931.50	0.01693
731457.50	4052098.25	0.01608	731457.50	4052014.75	0.01588
731457.50	4051931.50	0.01572	731358.88	4052098.25	0.01491
731358.88	4052014.75	0.01473	731358.88	4051931.50	0.01461
731260.25	4052098.25	0.01392	731260.25	4052014.75	0.01371
731260.25	4051931.50	0.01361	731161.63	4052098.25	0.01311
731161.63	4052014.75	0.01286	731161.63	4051931.50	0.01273
731063.06	4052098.25	0.01243	731063.06	4052014.75	0.01213
731063.06	4051931.50	0.01195	730964.44	4052098.25	0.01188
730964.44	4052014.75	0.01153	730964.44	4051931.50	0.01130
730865.81	4052098.25	0.01142	730865.81	4052014.75	0.01103
730865.81	4051931.50	0.01077	730767.19	4052098.25	0.01105
730767.19	4052014.75	0.01061	730767.19	4051931.50	0.01031
730668.63	4052098.25	0.01073	730668.63	4052014.75	0.01026
730668.63	4051931.50	0.00993	730570.00	4052098.25	0.01047
730570.00	4052014.75	0.00997	730570.00	4051931.50	0.00961
730471.38	4052098.25	0.01024	730471.38	4052014.75	0.00973
730471.38	4051931.50	0.00934	730638.06	4052181.50	0.01126
730638.06	4052280.00	0.01211	730638.06	4052378.75	0.01294
730638.06	4052477.25	0.01367	730638.06	4052576.00	0.01432
730638.06	4052674.50	0.01499	730638.06	4052773.25	0.01573
730638.06	4052871.75	0.01640	730638.06	4052970.50	0.01694
730638.06	4053069.00	0.01746	730638.06	4053167.50	0.01810
730638.06	4053266.25	0.01901	730638.06	4053364.75	0.01982
730638.06	4053463.50	0.02065	730638.06	4053562.00	0.02149
730638.06	4053660.75	0.02226	730638.06	4053759.25	0.02289
730638.06	4053858.00	0.02329	730638.06	4053956.50	0.02342
730638.06	4054055.00	0.02327	730638.06	4054153.75	0.02283
730638.06	4054252.25	0.02215	730638.06	4054351.00	0.02138
730638.06	4054449.50	0.02065	730638.06	4054548.25	0.02007
730638.06	4054646.75	0.01967	730638.06	4054745.50	0.01943
730638.06	4054844.00	0.01935	730638.06	4054942.50	0.01939
730638.06	4055041.25	0.01947	730638.06	4055139.75	0.01952
730638.06	4055238.50	0.01946	730638.06	4055337.00	0.01924
730638.06	4055435.75	0.01885	730638.06	4055534.25	0.01831
730638.06	4055633.00	0.01766	730638.06	4055731.50	0.01697
730554.69	4052181.50	0.01105	730554.69	4052280.00	0.01185
730554.69	4052378.75	0.01262	730554.69	4052477.25	0.01328

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730554.69	4052576.00	0.01387	730554.69	4052674.50	0.01449
730554.69	4052773.25	0.01515	730554.69	4052871.75	0.01574
730554.69	4052970.50	0.01622	730554.69	4053069.00	0.01671
730554.69	4053167.50	0.01731	730554.69	4053266.25	0.01815
730554.69	4053364.75	0.01888	730554.69	4053463.50	0.01965
730554.69	4053562.00	0.02043	730554.69	4053660.75	0.02118
730554.69	4053759.25	0.02182	730554.69	4053858.00	0.02224
730554.69	4053956.50	0.02242	730554.69	4054055.00	0.02234
730554.69	4054153.75	0.02198	730554.69	4054252.25	0.02139
730554.69	4054351.00	0.02066	730554.69	4054449.50	0.01994
730554.69	4054548.25	0.01934	730554.69	4054646.75	0.01889
730554.69	4054745.50	0.01859	730554.69	4054844.00	0.01845
730554.69	4054942.50	0.01845	730554.69	4055041.25	0.01854
730554.69	4055139.75	0.01864	730554.69	4055238.50	0.01867
730554.69	4055337.00	0.01858	730554.69	4055435.75	0.01834
730554.69	4055534.25	0.01793	730554.69	4055633.00	0.01740
730554.69	4055731.50	0.01677	730471.38	4052181.50	0.01085
730471.38	4052280.00	0.01161	730471.38	4052378.75	0.01231
730471.38	4052477.25	0.01291	730471.38	4052576.00	0.01345
730471.38	4052674.50	0.01401	730471.38	4052773.25	0.01461
730471.38	4052871.75	0.01512	730471.38	4052970.50	0.01556
730471.38	4053069.00	0.01601	730471.38	4053167.50	0.01658
730471.38	4053266.25	0.01725	730471.38	4053364.75	0.01803
730471.38	4053463.50	0.01872	730471.38	4053562.00	0.01945
730471.38	4053660.75	0.02018	730471.38	4053759.25	0.02082
730471.38	4053858.00	0.02127	730471.38	4053956.50	0.02149
730471.38	4054055.00	0.02146	730471.38	4054153.75	0.02119
730471.38	4054252.25	0.02067	730471.38	4054351.00	0.02000
730471.38	4054449.50	0.01930	730471.38	4054548.25	0.01868
730471.38	4054646.75	0.01820	730471.38	4054745.50	0.01785
730471.38	4054844.00	0.01765	730471.38	4054942.50	0.01760
730471.38	4055041.25	0.01766	730471.38	4055139.75	0.01778
730471.38	4055238.50	0.01788	730471.38	4055337.00	0.01790
730471.38	4055435.75	0.01778	730471.38	4055534.25	0.01751
730471.38	4055633.00	0.01709	730471.38	4055731.50	0.01656
730471.38	4055981.50	0.01499	730471.38	4056231.50	0.01360
730710.25	4055981.50	0.01547	730710.25	4056231.50	0.01436
730949.13	4055981.50	0.01643	730949.13	4056231.50	0.01541
731188.06	4055981.50	0.01753	731188.06	4056231.50	0.01594
731426.94	4055981.50	0.01769	731426.94	4056231.50	0.01519

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731665.81	4055981.50	0.01631	731665.81	4056231.50	0.01336
731904.69	4055981.50	0.01406	731904.69	4056231.50	0.01151
732143.63	4055981.50	0.01250	732143.63	4056231.50	0.01076
732382.50	4055981.50	0.01245	732382.50	4056231.50	0.01111
732621.38	4055981.50	0.01295	732621.38	4056231.50	0.01156
732860.25	4055981.50	0.01273	732860.25	4056231.50	0.01119
733099.13	4055981.50	0.01193	733099.13	4056231.50	0.01040
733338.06	4055981.50	0.01127	733338.06	4056231.50	0.00989
733576.94	4055981.50	0.01088	733576.94	4056231.50	0.00964
733815.81	4055981.50	0.01025	733815.81	4056231.50	0.00916
734054.69	4055981.50	0.00990	734054.69	4056231.50	0.00864
734293.63	4055981.50	0.01057	734293.63	4056231.50	0.00891
734532.50	4055981.50	0.01171	734532.50	4056231.50	0.00988
734771.38	4055981.50	0.01210	734771.38	4056231.50	0.01076
734521.38	4055731.50	0.01366	734521.38	4055492.50	0.01539
734521.38	4055253.75	0.01654	734521.38	4055014.75	0.01699
734521.38	4054776.00	0.01707	734521.38	4054537.00	0.01778
734521.38	4054298.25	0.02090	734521.38	4054059.25	0.02796
734521.38	4053820.50	0.03593	734521.38	4053581.50	0.03997
734521.38	4053342.50	0.04092	734521.38	4053103.75	0.04397
734521.38	4052864.75	0.05003	734521.38	4052626.00	0.05579
734521.38	4052387.00	0.05847	734521.38	4052148.25	0.05962
734521.38	4051909.25	0.05898	734521.38	4051670.50	0.05680
734521.38	4051431.50	0.05340	734771.38	4055731.50	0.01302
734771.38	4055492.50	0.01330	734771.38	4055253.75	0.01309
734771.38	4055014.75	0.01285	734771.38	4054776.00	0.01314
734771.38	4054537.00	0.01478	734771.38	4054298.25	0.01884
734771.38	4054059.25	0.02486	734771.38	4053820.50	0.02953
734771.38	4053581.50	0.03066	734771.38	4053342.50	0.02987
734771.38	4053103.75	0.03172	734771.38	4052864.75	0.03577
734771.38	4052626.00	0.03966	734771.38	4052387.00	0.04178
734771.38	4052148.25	0.04305	734771.38	4051909.25	0.04364
734771.38	4051670.50	0.04328	734771.38	4051431.50	0.04235
734271.38	4051681.50	0.07455	734271.38	4051431.50	0.06547
734032.50	4051681.50	0.09208	734032.50	4051431.50	0.07517
733793.63	4051681.50	0.10327	733793.63	4051431.50	0.07906
733554.69	4051681.50	0.10207	733554.69	4051431.50	0.07523
733315.81	4051681.50	0.08791	733315.81	4051431.50	0.06423
733076.94	4051681.50	0.06931	733076.94	4051431.50	0.05212
732838.06	4051681.50	0.05190	732838.06	4051431.50	0.04126

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732599.13	4051681.50	0.03992	732599.13	4051431.50	0.03292
732360.25	4051681.50	0.03042	732360.25	4051431.50	0.02646
732121.38	4051681.50	0.02430	732121.38	4051431.50	0.02158
731882.50	4051681.50	0.01987	731882.50	4051431.50	0.01830
731643.63	4051681.50	0.01678	731643.63	4051431.50	0.01541
731404.69	4051681.50	0.01459	731404.69	4051431.50	0.01359
731165.81	4051681.50	0.01263	731165.81	4051431.50	0.01227
730926.94	4051681.50	0.01085	730926.94	4051431.50	0.01089
730688.06	4051681.50	0.00953	730688.06	4051431.50	0.00953
730449.13	4051681.50	0.00863	730449.13	4051431.50	0.00844
730210.25	4051681.50	0.00800	730210.25	4051431.50	0.00766
729971.38	4051681.50	0.00756	729971.38	4051431.50	0.00710
730221.38	4051931.50	0.00881	730221.38	4052170.50	0.01023
730221.38	4052409.25	0.01161	730221.38	4052648.25	0.01261
730221.38	4052887.00	0.01356	730221.38	4053126.00	0.01451
730221.38	4053364.75	0.01579	730221.38	4053603.75	0.01724
730221.38	4053842.50	0.01866	730221.38	4054081.50	0.01913
730221.38	4054320.50	0.01842	730221.38	4054559.25	0.01701
730221.38	4054798.25	0.01590	730221.38	4055037.00	0.01546
730221.38	4055276.00	0.01567	730221.38	4055514.75	0.01592
730221.38	4055753.75	0.01558	730221.38	4055992.50	0.01457
730221.38	4056231.50	0.01328	729971.38	4051931.50	0.00843
729971.38	4052170.50	0.00973	729971.38	4052409.25	0.01081
729971.38	4052648.25	0.01152	729971.38	4052887.00	0.01223
729971.38	4053126.00	0.01306	729971.38	4053364.75	0.01407
729971.38	4053603.75	0.01513	729971.38	4053842.50	0.01655
729971.38	4054081.50	0.01722	729971.38	4054320.50	0.01685
729971.38	4054559.25	0.01573	729971.38	4054798.25	0.01460
729971.38	4055037.00	0.01387	729971.38	4055276.00	0.01376
729971.38	4055514.75	0.01404	729971.38	4055753.75	0.01443
729971.38	4055992.50	0.01410	729971.38	4056231.50	0.01311
729971.38	4056731.50	0.01077	729971.38	4057231.50	0.00975
730454.69	4056731.50	0.01210	730454.69	4057231.50	0.01117
730938.06	4056731.50	0.01313	730938.06	4057231.50	0.01017
731421.38	4056731.50	0.01072	731421.38	4057231.50	0.00775
731904.69	4056731.50	0.00857	731904.69	4057231.50	0.00712
732388.06	4056731.50	0.00929	732388.06	4057231.50	0.00798
732871.38	4056731.50	0.00886	732871.38	4057231.50	0.00725
733354.69	4056731.50	0.00787	733354.69	4057231.50	0.00650
733838.06	4056731.50	0.00752	733838.06	4057231.50	0.00635

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734321.38	4056731.50	0.00683	734321.38	4057231.50	0.00569
734804.69	4056731.50	0.00816	734804.69	4057231.50	0.00609
735288.06	4056731.50	0.00879	735288.06	4057231.50	0.00744
735771.38	4056731.50	0.00670	735771.38	4057231.50	0.00703
735271.38	4056231.50	0.00924	735271.38	4055748.25	0.00839
735271.38	4055264.75	0.00839	735271.38	4054781.50	0.01040
735271.38	4054298.25	0.01668	735271.38	4053814.75	0.02042
735271.38	4053331.50	0.01870	735271.38	4052848.25	0.02215
735271.38	4052364.75	0.02570	735271.38	4051881.50	0.02720
735271.38	4051398.25	0.02759	735271.38	4050914.75	0.02718
735271.38	4050431.50	0.02624	735771.38	4056231.50	0.00584
735771.38	4055748.25	0.00608	735771.38	4055264.75	0.00693
735771.38	4054781.50	0.00997	735771.38	4054298.25	0.01437
735771.38	4053814.75	0.01469	735771.38	4053331.50	0.01341
735771.38	4052848.25	0.01545	735771.38	4052364.75	0.01833
735771.38	4051881.50	0.01899	735771.38	4051398.25	0.02007
735771.38	4050914.75	0.01993	735771.38	4050431.50	0.01976
734771.38	4050931.50	0.03835	734771.38	4050431.50	0.03237
734288.06	4050931.50	0.04857	734288.06	4050431.50	0.03665
733804.69	4050931.50	0.05018	733804.69	4050431.50	0.03497
733321.38	4050931.50	0.04016	733321.38	4050431.50	0.02863
732838.06	4050931.50	0.02859	732838.06	4050431.50	0.02131
732354.69	4050931.50	0.02062	732354.69	4050431.50	0.01718
731871.38	4050931.50	0.01544	731871.38	4050431.50	0.01262
731388.06	4050931.50	0.01180	731388.06	4050431.50	0.01124
730904.69	4050931.50	0.00986	730904.69	4050431.50	0.00861
730421.38	4050931.50	0.00848	730421.38	4050431.50	0.00785
729938.06	4050931.50	0.00688	729938.06	4050431.50	0.00700
729454.69	4050931.50	0.00583	729454.69	4050431.50	0.00588
728971.38	4050931.50	0.00525	728971.38	4050431.50	0.00507
729471.38	4051431.50	0.00639	729471.38	4051914.75	0.00775
729471.38	4052398.25	0.00939	729471.38	4052881.50	0.01020
729471.38	4053364.75	0.01153	729471.38	4053848.25	0.01331
729471.38	4054331.50	0.01423	729471.38	4054814.75	0.01265
729471.38	4055298.25	0.01115	729471.38	4055781.50	0.01133
729471.38	4056264.75	0.01202	729471.38	4056748.25	0.01068
729471.38	4057231.50	0.00893	728971.38	4051431.50	0.00588
728971.38	4051914.75	0.00725	728971.38	4052398.25	0.00817
728971.38	4052881.50	0.00876	728971.38	4053364.75	0.00971
728971.38	4053848.25	0.01091	728971.38	4054331.50	0.01230

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
728971.38	4054814.75	0.01116	728971.38	4055298.25	0.01009
728971.38	4055781.50	0.00909	728971.38	4056264.75	0.00988
728971.38	4056748.25	0.01023	728971.38	4057231.50	0.00905
731642.42	4052755.39	0.02792	731665.86	4052756.36	0.02848
731689.30	4052757.34	0.02908	731712.73	4052758.32	0.02970
731736.17	4052759.30	0.03036	731759.61	4052760.27	0.03105
731783.05	4052761.25	0.03177	731961.08	4052429.31	0.02915
731937.50	4052428.32	0.02837	731913.91	4052427.33	0.02761
731890.33	4052426.35	0.02691	731866.74	4052425.36	0.02623
731843.16	4052424.37	0.02559	731819.57	4052423.38	0.02498
731642.42	4052755.39	0.02792	731665.86	4052756.36	0.02848
731689.30	4052757.34	0.02908	731712.73	4052758.32	0.02970
731736.17	4052759.30	0.03036	731759.61	4052760.27	0.03105
731783.05	4052761.25	0.03177	731961.08	4052429.31	0.02915
731937.50	4052428.32	0.02837	731913.91	4052427.33	0.02761
731890.33	4052426.35	0.02691	731866.74	4052425.36	0.02623
731843.16	4052424.37	0.02559	731819.57	4052423.38	0.02498
731186.90	4054769.34	0.02734	731900.30	4054798.88	0.03802
731929.72	4054094.66	0.05935	731216.10	4054065.49	0.03202
731211.50	4054770.36	0.02776	731236.10	4054771.38	0.02817
731260.70	4054772.40	0.02858	731285.30	4054773.41	0.02899
731309.90	4054774.43	0.02939	731334.50	4054775.45	0.02980
731359.10	4054776.47	0.03020	731383.70	4054777.49	0.03059
731408.30	4054778.51	0.03099	731432.90	4054779.53	0.03138
731457.50	4054780.54	0.03177	731482.10	4054781.56	0.03214
731506.70	4054782.58	0.03253	731531.30	4054783.60	0.03290
731555.90	4054784.62	0.03327	731580.50	4054785.64	0.03364
731605.10	4054786.66	0.03401	731629.70	4054787.68	0.03437
731654.30	4054788.69	0.03474	731678.90	4054789.71	0.03510
731703.50	4054790.73	0.03546	731728.10	4054791.75	0.03582
731752.70	4054792.77	0.03617	731777.30	4054793.79	0.03651
731801.90	4054794.81	0.03685	731826.50	4054795.82	0.03717
731851.10	4054796.84	0.03747	731875.70	4054797.86	0.03776
731901.31	4054774.60	0.03873	731902.33	4054750.31	0.03945
731903.34	4054726.03	0.04018	731904.36	4054701.75	0.04092
731905.37	4054677.46	0.04166	731906.39	4054653.18	0.04241
731907.40	4054628.90	0.04317	731908.42	4054604.61	0.04393
731909.43	4054580.33	0.04470	731910.44	4054556.05	0.04547
731911.46	4054531.76	0.04624	731912.47	4054507.48	0.04701
731913.49	4054483.20	0.04777	731914.50	4054458.91	0.04853

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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731915.52	4054434.63	0.04929	731916.53	4054410.34	0.05005
731917.55	4054386.06	0.05079	731918.56	4054361.78	0.05153
731919.58	4054337.49	0.05226	731920.59	4054313.21	0.05298
731921.60	4054288.93	0.05369	731922.62	4054264.64	0.05440
731923.63	4054240.36	0.05510	731924.65	4054216.08	0.05580
731925.66	4054191.79	0.05649	731926.68	4054167.51	0.05719
731927.69	4054143.23	0.05790	731928.71	4054118.94	0.05862
731905.11	4054093.65	0.05783	731880.50	4054092.65	0.05637
731855.90	4054091.64	0.05496	731831.29	4054090.64	0.05357
731806.68	4054089.63	0.05224	731782.07	4054088.62	0.05096
731757.47	4054087.62	0.04973	731732.86	4054086.61	0.04854
731708.25	4054085.61	0.04740	731683.64	4054084.60	0.04630
731659.04	4054083.60	0.04524	731634.43	4054082.59	0.04423
731609.82	4054081.58	0.04325	731585.21	4054080.58	0.04232
731560.61	4054079.57	0.04142	731536.00	4054078.57	0.04055
731511.39	4054077.56	0.03972	731486.78	4054076.55	0.03893
731462.18	4054075.55	0.03817	731437.57	4054074.54	0.03744
731412.96	4054073.54	0.03674	731388.35	4054072.53	0.03606
731363.75	4054071.53	0.03541	731339.14	4054070.52	0.03479
731314.53	4054069.51	0.03419	731289.92	4054068.51	0.03362
731265.32	4054067.50	0.03307	731240.71	4054066.50	0.03253
731215.09	4054089.76	0.03174	731214.09	4054114.03	0.03145
731213.08	4054138.30	0.03116	731212.07	4054162.57	0.03089
731211.07	4054186.84	0.03061	731210.06	4054211.11	0.03035
731209.05	4054235.38	0.03011	731208.04	4054259.66	0.02987
731207.04	4054283.93	0.02966	731206.03	4054308.20	0.02945
731205.02	4054332.47	0.02926	731204.02	4054356.74	0.02909
731203.01	4054381.01	0.02893	731202.00	4054405.28	0.02878
731201.00	4054429.55	0.02865	731199.99	4054453.82	0.02853
731198.98	4054478.09	0.02842	731197.98	4054502.36	0.02831
731196.97	4054526.63	0.02822	731195.96	4054550.90	0.02813
731194.96	4054575.17	0.02804	731193.95	4054599.45	0.02796
731192.94	4054623.72	0.02788	731191.93	4054647.99	0.02780
731190.93	4054672.26	0.02772	731189.92	4054696.53	0.02764
731188.91	4054720.80	0.02755	731187.91	4054745.07	0.02745
731943.69	4055189.34	0.02785	733338.57	4055256.58	0.01811
733353.25	4055248.33	0.01813	733468.44	4055248.68	0.01744
733489.84	4055033.32	0.02071	733500.36	4054801.88	0.02611
733510.16	4054233.64	0.05918	733496.77	4054123.78	0.07317
732004.98	4054061.70	0.06557	731983.73	4054169.31	0.06058

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731948.04	4054949.17	0.03405	731968.60	4055190.54	0.02766
731993.51	4055191.74	0.02744	732018.42	4055192.94	0.02719
732043.32	4055194.14	0.02691	732068.23	4055195.34	0.02661
732093.14	4055196.54	0.02629	732118.05	4055197.75	0.02595
732142.96	4055198.95	0.02560	732167.87	4055200.15	0.02523
732192.78	4055201.35	0.02486	732217.68	4055202.55	0.02449
732242.59	4055203.75	0.02412	732267.50	4055204.95	0.02376
732292.41	4055206.15	0.02341	732317.32	4055207.35	0.02308
732342.23	4055208.55	0.02277	732367.14	4055209.75	0.02248
732392.04	4055210.95	0.02221	732416.95	4055212.15	0.02197
732441.86	4055213.35	0.02176	732466.77	4055214.56	0.02158
732491.68	4055215.76	0.02142	732516.59	4055216.96	0.02128
732541.50	4055218.16	0.02117	732566.40	4055219.36	0.02107
732591.31	4055220.56	0.02099	732616.22	4055221.76	0.02093
732641.13	4055222.96	0.02087	732666.04	4055224.16	0.02082
732690.95	4055225.36	0.02078	732715.86	4055226.56	0.02073
732740.76	4055227.76	0.02069	732765.67	4055228.96	0.02065
732790.58	4055230.16	0.02061	732815.49	4055231.37	0.02057
732840.40	4055232.57	0.02052	732865.31	4055233.77	0.02048
732890.22	4055234.97	0.02043	732915.12	4055236.17	0.02039
732940.03	4055237.37	0.02033	732964.94	4055238.57	0.02028
732989.85	4055239.77	0.02022	733014.76	4055240.97	0.02014
733039.67	4055242.17	0.02006	733064.58	4055243.37	0.01996
733089.48	4055244.57	0.01985	733114.39	4055245.77	0.01972
733139.30	4055246.97	0.01957	733164.21	4055248.18	0.01942
733189.12	4055249.38	0.01925	733214.03	4055250.58	0.01907
733238.94	4055251.78	0.01888	733263.84	4055252.98	0.01869
733288.75	4055254.18	0.01849	733313.66	4055255.38	0.01830
733376.29	4055248.40	0.01798	733399.33	4055248.47	0.01783
733422.36	4055248.54	0.01770	733445.40	4055248.61	0.01757
733470.82	4055224.75	0.01775	733473.20	4055200.82	0.01807
733475.57	4055176.89	0.01841	733477.95	4055152.96	0.01875
733480.33	4055129.04	0.01911	733482.71	4055105.11	0.01948
733485.08	4055081.18	0.01987	733487.46	4055057.25	0.02028
733490.89	4055010.18	0.02114	733491.94	4054987.03	0.02160
733493.00	4054963.89	0.02207	733494.05	4054940.74	0.02257
733495.10	4054917.60	0.02309	733496.15	4054894.46	0.02364
733497.20	4054871.31	0.02421	733498.26	4054848.17	0.02481
733499.31	4054825.02	0.02544	733500.79	4054777.17	0.02685
733501.21	4054752.47	0.02764	733501.64	4054727.76	0.02847

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733502.06	4054703.06	0.02935	733502.49	4054678.35	0.03028
733502.92	4054653.64	0.03126	733503.34	4054628.94	0.03229
733503.77	4054604.23	0.03338	733504.19	4054579.53	0.03454
733504.62	4054554.82	0.03575	733505.05	4054530.11	0.03703
733505.47	4054505.41	0.03838	733505.90	4054480.70	0.03982
733506.33	4054455.99	0.04132	733506.75	4054431.29	0.04290

733507.18	4054406.58	0.04457	733507.60	4054381.88	0.04633
733508.03	4054357.17	0.04819	733508.46	4054332.46	0.05015
733508.88	4054307.76	0.05222	733509.31	4054283.05	0.05440
733509.73	4054258.35	0.05671	733507.48	4054211.67	0.06161
733504.80	4054189.70	0.06421	733502.13	4054167.72	0.06699
733499.45	4054145.75	0.06998	733471.91	4054122.75	0.07488
733447.04	4054121.71	0.07664	733422.18	4054120.68	0.07840
733397.32	4054119.64	0.08015	733372.45	4054118.61	0.08187
733347.59	4054117.57	0.08350	733322.73	4054116.54	0.08504
733297.86	4054115.50	0.08653	733273.00	4054114.47	0.08794
733248.14	4054113.43	0.08935	733223.28	4054112.40	0.09080
733198.41	4054111.36	0.09228	733173.55	4054110.33	0.09384
733148.69	4054109.29	0.09548	733123.82	4054108.26	0.09718
733098.96	4054107.23	0.09895	733074.10	4054106.19	0.10073
733049.23	4054105.16	0.10251	733024.37	4054104.12	0.10426
732999.51	4054103.09	0.10592	732974.64	4054102.05	0.10746
732949.78	4054101.02	0.10887	732924.92	4054099.98	0.11011
732900.05	4054098.95	0.11118	732875.19	4054097.91	0.11211
732850.33	4054096.88	0.11288	732825.46	4054095.84	0.11351
732800.60	4054094.81	0.11397	732775.74	4054093.77	0.11422
732750.88	4054092.74	0.11426	732726.01	4054091.71	0.11410
732701.15	4054090.67	0.11376	732676.29	4054089.64	0.11329
732651.42	4054088.60	0.11272	732626.56	4054087.57	0.11205
732601.70	4054086.53	0.11131	732576.83	4054085.50	0.11045
732551.97	4054084.46	0.10945	732527.11	4054083.43	0.10829
732502.24	4054082.39	0.10696	732477.38	4054081.36	0.10544
732452.52	4054080.32	0.10376	732427.65	4054079.29	0.10193
732402.79	4054078.25	0.09997	732377.93	4054077.22	0.09791
732353.06	4054076.19	0.09577	732328.20	4054075.15	0.09356
732303.34	4054074.12	0.09131	732278.47	4054073.08	0.08903
732253.61	4054072.05	0.08674	732228.75	4054071.01	0.08445
732203.89	4054069.98	0.08217	732179.02	4054068.94	0.07991
732154.16	4054067.91	0.07770	732129.30	4054066.87	0.07552
732104.43	4054065.84	0.07340	732079.57	4054064.80	0.07135

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732054.71	4054063.77	0.06935	732029.84	4054062.73	0.06743
732000.73	4054083.22	0.06452	731996.48	4054104.74	0.06350
731992.23	4054126.27	0.06251	731987.98	4054147.79	0.06153
731982.61	4054193.68	0.05974	731981.50	4054218.05	0.05890
731980.38	4054242.42	0.05806	731979.27	4054266.79	0.05722
731978.15	4054291.16	0.05636	731977.04	4054315.53	0.05550
731975.92	4054339.90	0.05464	731974.81	4054364.28	0.05377
731973.69	4054388.65	0.05289	731972.58	4054413.02	0.05201
731971.46	4054437.39	0.05113	731970.35	4054461.76	0.05024
731969.23	4054486.13	0.04936	731968.12	4054510.50	0.04848
731967.00	4054534.87	0.04760	731965.89	4054559.24	0.04673
731964.77	4054583.61	0.04586	731963.65	4054607.98	0.04499
731962.54	4054632.35	0.04414	731961.42	4054656.72	0.04329
731960.31	4054681.09	0.04245	731959.19	4054705.46	0.04162
731958.08	4054729.83	0.04081	731956.96	4054754.21	0.04001
731955.85	4054778.58	0.03921	731954.73	4054802.95	0.03844
731953.62	4054827.32	0.03767	731952.50	4054851.69	0.03692
731951.39	4054876.06	0.03618	731950.27	4054900.43	0.03546
731949.16	4054924.80	0.03475	731947.61	4054949.19	0.03389
731947.17	4054973.20	0.03272	731946.74	4055021.22	0.03207
731946.30	4055045.24	0.03144	731945.87	4055069.26	0.03082
731945.43	4055093.27	0.03020	731945.00	4055117.29	0.02960
731944.56	4055141.31	0.02900	731944.13	4055165.32	0.02842
731215.24	4053954.55	0.03303	731932.86	4053984.58	0.06250
731968.42	4053126.00	0.05706	731771.32	4053117.96	0.04389
731777.42	4052972.13	0.03884	731957.15	4052979.60	0.04826
731962.24	4052851.84	0.04234	731262.36	4052816.32	0.02254
731239.99	4053955.59	0.03359	731264.73	4053956.62	0.03416
731289.48	4053957.66	0.03475	731314.22	4053958.69	0.03536
731338.97	4053959.73	0.03599	731363.71	4053960.76	0.03665
731388.46	4053961.80	0.03733	731413.20	4053962.83	0.03804
731437.95	4053963.87	0.03878	731462.70	4053964.91	0.03955
731487.44	4053965.94	0.04035	731512.19	4053966.98	0.04118
731536.93	4053968.01	0.04205	731561.68	4053969.05	0.04296
731586.42	4053970.08	0.04392	731611.17	4053971.12	0.04491
731635.91	4053972.15	0.04595	731660.66	4053973.19	0.04703
731685.40	4053974.22	0.04816	731710.15	4053975.26	0.04934
731734.90	4053976.30	0.05058	731759.64	4053977.33	0.05186
731784.39	4053978.37	0.05320	731809.13	4053979.40	0.05460
731833.88	4053980.44	0.05606	731858.62	4053981.47	0.05757

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731883.37	4053982.51	0.05915	731908.11	4053983.54	0.06080
731933.88	4053960.05	0.06331	731934.89	4053935.52	0.06411
731935.91	4053910.99	0.06489	731936.92	4053886.46	0.06565
731937.94	4053861.93	0.06637	731938.96	4053837.39	0.06705
731939.97	4053812.86	0.06766	731940.99	4053788.33	0.06822
731942.00	4053763.80	0.06870	731943.02	4053739.27	0.06911
731944.04	4053714.74	0.06945	731945.05	4053690.21	0.06973
731946.07	4053665.68	0.06995	731947.08	4053641.15	0.07012
731948.10	4053616.62	0.07024	731949.12	4053592.09	0.07031
731950.13	4053567.56	0.07033	731951.15	4053543.02	0.07028
731952.16	4053518.49	0.07016	731953.18	4053493.96	0.06996
731954.20	4053469.43	0.06966	731955.21	4053444.90	0.06929
731956.23	4053420.37	0.06884	731957.24	4053395.84	0.06830

731958.26	4053371.31	0.06767	731959.28	4053346.78	0.06697
731960.29	4053322.25	0.06618	731961.31	4053297.72	0.06529
731962.32	4053273.19	0.06432	731963.34	4053248.65	0.06327
731964.36	4053224.12	0.06214	731965.37	4053199.59	0.06093
731966.39	4053175.06	0.05968	731967.40	4053150.53	0.05838
731943.78	4053125.00	0.05505	731919.15	4053123.99	0.05315
731894.51	4053122.99	0.05137	731869.87	4053121.98	0.04969
731845.23	4053120.98	0.04811	731820.60	4053119.97	0.04663
731795.96	4053118.97	0.04521	731772.34	4053093.66	0.04305
731773.35	4053069.35	0.04221	731774.37	4053045.05	0.04137
731775.39	4053020.74	0.04053	731776.40	4052996.44	0.03968
731799.89	4052973.06	0.03981	731822.35	4052974.00	0.04084
731844.82	4052974.93	0.04191	731867.29	4052975.87	0.04306
731889.75	4052976.80	0.04425	731912.22	4052977.73	0.04551
731934.68	4052978.67	0.04686	731958.00	4052958.31	0.04724
731958.85	4052937.01	0.04623	731959.70	4052915.72	0.04522
731960.54	4052894.43	0.04424	731961.39	4052873.13	0.04327
731938.11	4052850.62	0.04107	731913.97	4052849.39	0.03986
731889.84	4052848.17	0.03873	731865.70	4052846.94	0.03765
731841.57	4052845.72	0.03664	731817.44	4052844.49	0.03569
731793.30	4052843.27	0.03478	731769.17	4052842.04	0.03392
731745.04	4052840.82	0.03311	731720.90	4052839.59	0.03233
731696.77	4052838.37	0.03160	731672.63	4052837.14	0.03089
731648.50	4052835.92	0.03022	731624.37	4052834.69	0.02958
731600.23	4052833.47	0.02898	731576.10	4052832.24	0.02839
731551.97	4052831.02	0.02783	731527.83	4052829.79	0.02729
731503.70	4052828.57	0.02678	731479.56	4052827.34	0.02628

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 *** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* ** ** ** PAGE 232

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
731455.43	4052826.12	0.02580	731431.30	4052824.89	0.02534		
731407.16	4052823.67	0.02490	731383.03	4052822.44	0.02447		
731358.90	4052821.22	0.02406	731334.76	4052819.99	0.02366		
731310.63	4052818.77	0.02327	731286.49	4052817.54	0.02290		
731261.34	4052814.06	0.02293	731260.31	4052865.81	0.02332		
731259.29	4052890.55	0.02371	731258.26	4052915.30	0.02409		
731257.24	4052940.04	0.02445	731256.21	4052964.78	0.02480		
731255.19	4052989.53	0.02514	731254.17	4053014.27	0.02547		
731253.14	4053039.02	0.02579	731252.12	4053063.76	0.02609		
731251.09	4053088.51	0.02639	731250.07	4053113.25	0.02670		
731249.04	4053137.99	0.02700	731248.02	4053162.74	0.02731		
731246.99	4053187.48	0.02764	731246.97	4053212.23	0.02797		
731244.95	4053236.97	0.02832	731243.92	4053261.71	0.02868		
731242.90	4053286.46	0.02905	731241.87	4053311.20	0.02944		
731240.85	4053335.95	0.02982	731239.82	4053360.69	0.03021		
731238.80	4053385.43	0.03059	731237.78	4053410.18	0.03096		
731236.75	4053434.92	0.03131	731235.73	4053459.67	0.03164		
731234.70	4053484.41	0.03194	731233.68	4053509.16	0.03223		
731232.65	4053533.90	0.03248	731231.63	4053558.64	0.03271		
731230.61	4053583.39	0.03292	731229.58	4053608.13	0.03310		
731228.56	4053632.88	0.03326	731227.53	4053657.62	0.03340		
731226.51	4053682.36	0.03351	731225.48	4053707.11	0.03360		
731224.46	4053731.85	0.03367	731223.43	4053756.60	0.03372		
731222.41	4053781.34	0.03373	731221.39	4053806.09	0.03372		
731220.36	4053830.83	0.03368	731219.34	4053855.57	0.03361		
731218.31	4053880.32	0.03351	731217.29	4053905.06	0.03338		
731216.26	4053929.81	0.03322	731989.89	4053830.29	0.07192		
732108.41	4053834.79	0.08488	732102.96	4053963.08	0.07815		
733488.46	4054020.60	0.09174	733508.70	4053885.13	0.12631		
733535.65	4053006.59	2.34207	733514.28	4052920.63	2.61447		
732831.80	4052891.60	1.10482	732813.81	4053250.67	1.74318		
732785.59	4053256.36	1.18701	732021.24	4053223.41	0.06784		
732011.35	4053237.47	0.06756	731987.64	4053809.79	0.07221		
732013.59	4053831.19	0.07431	732037.30	4053832.09	0.07681		
732061.00	4053832.99	0.07939	732084.71	4053833.89	0.08207		
732107.50	4053856.17	0.08380	732106.59	4053877.55	0.08269		
732105.69	4053898.94	0.08156	732104.78	4053920.32	0.08042		
732103.87	4053941.70	0.07928	732127.70	4053964.11	0.08066		
732152.44	4053965.13	0.08328	732177.18	4053966.16	0.08600		
732201.92	4053967.19	0.08884	732226.67	4053968.22	0.09177		

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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 *** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* ** ** ** PAGE 233

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
732251.41	4053969.24	0.09480	732276.15	4053970.27	0.09791		
732300.89	4053971.30	0.10110	732325.63	4053972.32	0.10434		
732350.37	4053973.35	0.10763	732375.11	4053974.38	0.11093		
732399.85	4053975.41	0.11423	732424.59	4053976.43	0.11752		
732449.34	4053977.46	0.12076	732474.08	4053978.49	0.12391		
732498.82	4053979.51	0.12698	732523.56	4053980.54	0.12990		
732548.30	4053981.57	0.13262	732573.04	4053982.60	0.13515		
732597.78	4053983.62	0.13745	732622.52	4053984.65	0.13953		
732647.26	4053985.68	0.14141	732672.00	4053986.70	0.14314		
732696.75	4053987.73	0.14473	732721.49	4053988.76	0.14616		
732746.23	4053989.79	0.14740	732770.97	4053990.81	0.14838		
732795.71	4053991.84	0.14906	732820.45	4053992.87	0.14944		
732845.19	4053993.89	0.14952	732869.93	4053994.92	0.14934		
732894.67	4053995.95	0.14887	732919.42	4053996.98	0.14808		
732944.16	4053998.00	0.14700	732968.90	4053999.03	0.14560		
732993.64	4054000.06	0.14393	733018.38	4054001.08	0.14207		
733043.12	4054002.11	0.14002	733067.86	4054003.14	0.13783		
733092.60	4054004.17	0.13553	733117.34	4054005.19	0.13311		
733142.09	4054006.22	0.13060	733166.83	4054007.25	0.12801		
733191.57	4054008.27	0.12533	733216.31	4054009.30	0.12262		

733241.05	4054010.33	0.11989	733265.79	4054011.36	0.11715
733290.53	4054012.38	0.11447	733315.27	4054013.41	0.11176
733340.01	4054014.44	0.10906	733364.75	4054015.46	0.10631
733389.50	4054016.49	0.10344	733414.24	4054017.52	0.10053
733438.98	4054018.55	0.09757	733463.72	4054019.57	0.09462
733491.83	4053998.02	0.09629	733495.21	4053975.44	0.10123
733498.58	4053952.87	0.10663	733501.95	4053930.29	0.11255
733505.33	4053907.71	0.11907	733509.45	4053860.73	0.13581
733510.20	4053836.32	0.14677	733510.95	4053811.92	0.15951
733511.69	4053787.51	0.17446	733512.44	4053763.11	0.19228
733513.19	4053738.71	0.21405	733513.94	4053714.30	0.24107
733514.69	4053689.90	0.27594	733515.44	4053665.50	0.32342
733516.19	4053641.09	0.39280	733516.93	4053616.69	0.49366
733517.68	4053592.28	0.72029	733518.43	4053567.88	1.00765
733519.18	4053543.48	1.23194	733519.93	4053519.07	1.40463
733520.68	4053494.67	1.54391	733521.43	4053470.26	1.65907
733522.18	4053445.86	1.75371	733522.92	4053421.46	1.84040
733523.67	4053397.05	1.90945	733524.42	4053372.65	1.97617
733525.17	4053348.24	2.30559	733525.92	4053323.84	2.08057
733526.67	4053299.44	2.12543	733527.42	4053275.03	2.16487

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733528.16	4053250.63	2.20391	733528.91	4053226.22	2.23354
733529.66	4053201.82	2.26361	733530.41	4053177.42	2.28678
733531.16	4053153.01	2.30697	733531.91	4053128.61	2.32817
733532.66	4053104.21	2.33974	733533.40	4053079.80	2.35239
733534.15	4053055.40	2.35320	733534.90	4053030.99	2.35482
733530.31	4052985.10	2.48356	733524.97	4052963.61	2.58461
733519.62	4052942.12	2.62747	733489.91	4052919.59	2.87528
733465.53	4052918.56	3.02765	733441.16	4052917.52	3.12131
733416.78	4052916.48	3.18017	733392.41	4052915.45	3.22432
733368.03	4052914.41	3.25656	733343.66	4052913.37	3.27633
733319.29	4052912.34	3.28899	733294.91	4052911.30	3.29556
733270.54	4052910.26	3.29712	733246.16	4052909.23	3.29535
733221.79	4052908.19	3.28839	733197.41	4052907.15	3.27733
733173.04	4052906.12	3.26066	733148.67	4052905.08	3.24018
733124.29	4052904.04	3.21436	733099.92	4052903.00	3.17811
733075.54	4052901.97	3.13490	733051.17	4052900.93	3.08515
733026.79	4052899.89	3.02476	733002.42	4052898.86	2.95408
732978.05	4052897.82	2.86763	732953.67	4052896.78	2.75950
732929.30	4052895.75	2.62158	732904.92	4052894.71	2.43257
732880.55	4052893.67	2.15730	732856.17	4052892.64	1.71458
732830.60	4052915.54	1.28147	732829.40	4052939.48	1.43977
732828.20	4052963.41	1.54108	732827.00	4052987.35	1.60948
732825.80	4053011.29	1.65719	732824.60	4053035.23	1.69031
732823.40	4053059.17	1.71636	732822.21	4053083.10	1.73588
732821.01	4053107.04	1.74850	732819.81	4053130.98	1.75868
732818.61	4053154.92	1.76610	732817.41	4053178.86	1.76503
732816.21	4053202.79	1.76065	732815.01	4053226.73	1.75281
732799.70	4053253.51	1.43576	732760.93	4053255.30	0.90146
732736.28	4053254.23	0.72292	732711.62	4053253.17	0.59902
732686.96	4053252.11	0.50796	732662.31	4053251.05	0.43792
732637.65	4053249.98	0.38261	732612.99	4053248.92	0.33789
732588.34	4053247.86	0.30103	732563.68	4053246.79	0.27045
732539.03	4053245.73	0.24455	732514.37	4053244.67	0.22254
732489.71	4053243.61	0.20354	732465.06	4053242.54	0.18713
732440.40	4053241.48	0.17279	732415.74	4053240.42	0.16021
732391.09	4053239.35	0.14910	732366.43	4053238.29	0.13924
732341.77	4053237.23	0.13045	732317.12	4053236.16	0.12255
732292.46	4053235.10	0.11546	732267.80	4053234.04	0.10901
732243.15	4053232.98	0.10318	732218.49	4053231.91	0.09784
732193.84	4053230.85	0.09297	732169.18	4053229.79	0.08848

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732144.52	4053228.72	0.08436	732119.87	4053227.66	0.08054
732095.21	4053226.60	0.07701	732070.55	4053225.54	0.07373
732045.90	4053224.47	0.07068	732010.32	4053223.35	0.06878
732009.29	4053287.24	0.06988	732008.26	4053312.12	0.07089
732007.23	4053337.00	0.07178	732006.20	4053361.89	0.07258
732005.16	4053386.77	0.07326	732004.13	4053411.65	0.07385
732003.10	4053436.54	0.07435	732002.07	4053461.42	0.07476
732001.04	4053486.30	0.07507	732000.01	4053511.19	0.07529
731998.98	4053536.07	0.07543	731997.95	4053560.96	0.07547
731996.92	4053585.84	0.07544	731995.89	4053610.72	0.07535
731994.86	4053635.61	0.07520	731993.83	4053660.49	0.07499
731992.79	4053685.37	0.07471	731991.76	4053710.26	0.07437
731990.73	4053735.14	0.07395	731989.70	4053760.02	0.07345
731988.67	4053784.91	0.07288	731987.64	4053809.78	0.07273
731970.56	4052769.07	0.03926	731984.67	4052430.30	0.02998
731630.89	4052415.47	0.02102	731622.73	4052615.08	0.02434
731617.25	4052630.86	0.02457	731615.97	4052668.93	0.02535
731621.54	4052690.04	0.02592	731642.42	4052755.39	0.02792
731665.86	4052756.36	0.02848	731689.30	4052757.34	0.02908
731712.73	4052758.32	0.02970	731736.17	4052759.30	0.03036
731759.61	4052760.27	0.03105	731783.05	4052761.25	0.03177
731806.49	4052762.23	0.03254	731829.93	4052763.21	0.03334
731853.37	4052764.18	0.03420	731876.81	4052765.16	0.03510
731900.24	4052766.14	0.03605	731923.68	4052767.12	0.03707
731947.12	4052768.09	0.03814	731971.57	4052769.08	0.03839
731972.58	4052770.05	0.03954	731973.58	4052696.48	0.03673
731974.59	4052672.28	0.03595	731975.60	4052648.08	0.03519

731976.61	4052623.88	0.03446	731977.62	4052599.69	0.03376
731978.62	4052575.49	0.03309	731979.63	4052551.29	0.03247
731980.64	4052527.09	0.03189	731981.65	4052502.89	0.03134
731982.65	4052478.70	0.03082	731983.66	4052454.50	0.03038
731961.08	4052429.31	0.02915	731937.50	4052428.32	0.02837
731913.91	4052427.33	0.02761	731890.33	4052426.35	0.02691
731866.74	4052425.36	0.02623	731843.16	4052424.37	0.02559
731819.57	4052423.38	0.02498	731795.99	4052422.39	0.02440
731772.40	4052421.40	0.02385	731748.82	4052420.41	0.02332
731725.23	4052419.42	0.02281	731701.65	4052418.44	0.02233
731678.06	4052417.45	0.02187	731654.48	4052416.46	0.02144
731629.87	4052410.42	0.02135	731628.85	4052465.37	0.02170
731627.83	4052490.32	0.02208	731626.81	4052515.28	0.02239

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731625.79	4052540.23	0.02284	731624.77	4052565.18	0.02338
731623.75	4052590.13	0.02386	731616.61	4052649.90	0.02495
731620.69	4052711.50	0.02639	731619.83	4052732.95	0.02687

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
730871.38	4052331.50	30.18986	(12112808)	730871.38	4052356.50	30.08737	(12112808)
730871.38	4052381.50	29.83605	(12112808)	730871.38	4052406.50	29.45515	(12112808)
730871.38	4052431.50	28.93694	(12112808)	730871.38	4052456.50	29.73719	(12112808)
730871.38	4052481.50	30.44373	(12112808)	730871.38	4052506.50	30.95978	(12112808)
730871.38	4052531.50	31.31078	(12112808)	730871.38	4052556.50	31.52649	(12112808)
730871.38	4052581.50	31.62346	(12112808)	730871.38	4052606.50	31.61586	(12112808)
730871.38	4052631.50	31.50694	(12112808)	730871.38	4052656.50	31.29957	(12112808)
730871.38	4052681.50	30.97814	(12112808)	730871.38	4052706.50	30.52388	(12112808)
730871.38	4052731.50	29.92070	(12112808)	730871.38	4052756.50	29.21468	(15020308)
730871.38	4052781.50	28.99564	(15020308)	730871.38	4052806.50	28.65355	(15020308)
730871.38	4052831.50	30.63398	(14012108)	730871.38	4052856.50	33.02342	(14012108)
730871.38	4052881.50	35.12051	(14012108)	730871.38	4052906.50	36.89991	(14012108)
730871.38	4052931.50	38.35662	(14012108)	730871.38	4052956.50	39.51951	(14012108)
730871.38	4052981.50	40.41572	(14012108)	730871.38	4053006.50	40.32758	(14012108)
730871.38	4053031.50	40.94549	(14012108)	730871.38	4053056.50	41.36215	(14012108)
730871.38	4053081.50	41.58662	(14012108)	730871.38	4053106.50	41.61926	(14012108)
730871.38	4053131.50	41.46504	(14012108)	730871.38	4053156.50	41.12506	(14012108)
730871.38	4053181.50	40.58198	(14012108)	730871.38	4053206.50	39.83772	(14012108)
730871.38	4053231.50	38.87261	(14012108)	730871.38	4053256.50	37.68089	(14012108)
730871.38	4053281.50	37.55362	(12011408)	730871.38	4053306.50	38.97452	(12011408)
730871.38	4053331.50	40.20336	(12011408)	730871.38	4053356.50	41.22618	(12011408)
730871.38	4053381.50	42.03421	(12011408)	730871.38	4053406.50	42.62971	(12011408)
730871.38	4053431.50	43.00419	(12011408)	730871.38	4053456.50	43.15605	(12011408)
730871.38	4053481.50	43.07916	(12011408)	730871.38	4053506.50	42.77323	(12011408)
730871.38	4053531.50	42.24029	(12011408)	730871.38	4053556.50	41.47516	(12011408)
730871.38	4053581.50	40.48831	(12011408)	730871.38	4053606.50	39.27760	(12011408)
730871.38	4053631.50	37.85867	(12011408)	730871.38	4053656.50	36.24243	(12011408)
730871.38	4053681.50	34.44813	(12011408)	730871.38	4053706.50	32.49445	(12011408)
730871.38	4053731.50	31.41252	(13010908)	730871.38	4053756.50	31.71982	(13010908)
730871.38	4053781.50	31.87454	(13010908)	730871.38	4053806.50	31.88021	(13010908)
730871.38	4053831.50	32.45291	(12020308)	730871.38	4053856.50	32.97172	(12020308)
730871.38	4053881.50	33.32372	(12020308)	730871.38	4053906.50	33.51115	(12020308)
730871.38	4053931.50	33.53118	(12020308)	730871.38	4053956.50	33.37096	(12020308)
730871.38	4053981.50	33.02805	(12020308)	730871.38	4054006.50	32.49748	(12020308)
730871.38	4054031.50	31.76486	(12020308)	730871.38	4054056.50	30.83729	(12020308)
730871.38	4054081.50	29.71377	(12020308)	730871.38	4054106.50	28.80822	(12010908)
730871.38	4054131.50	29.53392	(12010908)	730871.38	4054156.50	30.11207	(12010908)
730871.38	4054181.50	30.53498	(12010908)	730871.38	4054206.50	30.80146	(12010908)
730871.38	4054231.50	30.89846	(12010908)	730871.38	4054256.50	30.82777	(12010908)
730871.38	4054281.50	30.57435	(12010908)	730871.38	4054306.50	30.15084	(12010908)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
730871.38	4054331.50	29.54235	(12010908)	730871.38	4054356.50	28.76634	(12010908)
730871.38	4054381.50	27.81552	(12010908)	730871.38	4054406.50	26.71216	(12010908)
730871.38	4054431.50	25.46472	(12010908)	730871.38	4054456.50	24.09215	(12010908)
730871.38	4054481.50	22.62344	(12010908)	730871.38	4054506.50	21.07356	(12010908)
730871.38	4054531.50	19.47291	(12010908)	730871.38	4054556.50	19.94781	(12112308)
730871.38	4054581.50	20.38909	(12112308)	730871.38	4054606.50	21.41970	(12012408)
730871.38	4054631.50	22.43141	(12012408)	730871.38	4054656.50	23.36757	(12012408)
730871.38	4054681.50	24.37973	(14011308)	730871.38	4054706.50	25.60779	(14011308)
730871.38	4054731.50	26.76928	(14011308)	730871.38	4054756.50	27.84939	(14011308)
730871.38	4054781.50	28.83885	(14011308)	730871.38	4054806.50	29.72651	(14011308)
730871.38	4054831.50	30.50046	(14011308)	730871.38	4054856.50	31.15577	(14011308)
730871.38	4054881.50	31.68214	(14011308)	730871.38	4054906.50	32.07325	(14011308)
730871.38	4054931.50	32.32666	(14011308)	730871.38	4054956.50	32.44005	(14011308)
730871.38	4054981.50	32.41290	(14011308)	730871.38	4055006.50	32.24572	(14011308)
730871.38	4055031.50	31.94280	(14011308)	730871.38	4055056.50	31.50748	(14011308)
730871.38	4055081.50	30.94615	(14011308)	730871.38	4055106.50	30.26696	(14011308)


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730996.38 4053056.50 43.14939 (14012108) 730996.38 4053081.50 43.43149 (14012108)
730996.38 4053106.50 43.53033 (14012108) 730996.38 4053131.50 43.44336 (14012108)
730996.38 4053156.50 43.17032 (14012108) 730996.38 4053181.50 42.70588 (14012108)

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*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 245

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
730996.38 4053206.50 42.03282 (14012108) 730996.38 4053231.50 41.13816 (14012108)
730996.38 4053256.50 40.00522 (14012108) 730996.38 4053281.50 40.17146 (12011408)
730996.38 4053306.50 41.58833 (12011408) 730996.38 4053331.50 42.79154 (12011408)
730996.38 4053356.50 43.77143 (12011408) 730996.38 4053381.50 44.52421 (12011408)
730996.38 4053406.50 45.04860 (12011408) 730996.38 4053431.50 45.34301 (12011408)
730996.38 4053456.50 45.40798 (12011408) 730996.38 4053481.50 45.22703 (12011408)
730996.38 4053506.50 44.81041 (12011408) 730996.38 4053531.50 44.15158 (12011408)
730996.38 4053556.50 43.24715 (12011408) 730996.38 4053581.50 42.10206 (12011408)
730996.38 4053606.50 40.72352 (12011408) 730996.38 4053631.50 39.11647 (12011408)
730996.38 4053656.50 37.30235 (12011408) 730996.38 4053681.50 35.29607 (12011408)
730996.38 4053706.50 33.12566 (12011408) 730996.38 4053731.50 33.20839 (13010908)
730996.38 4053756.50 33.34957 (13010908) 730996.38 4053781.50 33.61759 (12020308)
730996.38 4053806.50 34.24510 (12020308) 730996.38 4053831.50 34.70993 (12020308)
730996.38 4053856.50 35.00513 (12020308) 730996.38 4053881.50 35.13550 (12020308)
730996.38 4053906.50 35.08764 (12020308) 730996.38 4053931.50 34.85383 (12020308)
730996.38 4053956.50 34.42788 (12020308) 730996.38 4053981.50 33.79654 (12020308)
730996.38 4054006.50 32.95318 (12020308) 730996.38 4054031.50 31.89549 (12020308)
730996.38 4054056.50 30.62559 (12020308) 730996.38 4054081.50 31.05224 (12010908)
730996.38 4054106.50 31.64586 (12010908) 730996.38 4054131.50 32.07776 (12010908)
730996.38 4054156.50 32.34153 (12010908) 730996.38 4054181.50 32.43331 (12010908)
730996.38 4054206.50 32.34092 (12010908) 730996.38 4054231.50 32.06916 (12010908)
730996.38 4054256.50 31.60235 (12010908) 730996.38 4054281.50 30.94813 (12010908)
730996.38 4054306.50 30.10097 (12010908) 730996.38 4054331.50 29.07611 (12010908)
730996.38 4054356.50 27.87651 (12010908) 730996.38 4054381.50 26.52918 (12010908)
730996.38 4054406.50 25.04308 (12010908) 730996.38 4054431.50 23.45202 (12010908)
730996.38 4054456.50 21.77905 (12010908) 730996.38 4054481.50 21.08503 (12112308)
730996.38 4054506.50 21.87471 (12012408) 730996.38 4054531.50 22.99817 (12012408)
730996.38 4054556.50 24.04857 (12012408) 730996.38 4054581.50 25.20036 (14011308)
730996.38 4054606.50 26.54665 (14011308) 730996.38 4054631.50 27.82352 (14011308)
730996.38 4054656.50 29.01747 (14011308) 730996.38 4054681.50 30.11863 (14011308)
730996.38 4054706.50 31.11444 (14011308) 730996.38 4054731.50 31.99140 (14011308)
730996.38 4054756.50 32.73760 (14011308) 730996.38 4054781.50 33.34868 (14011308)
730996.38 4054806.50 33.81419 (14011308) 730996.38 4054831.50 34.13091 (14011308)
730996.38 4054856.50 34.29545 (14011308) 730996.38 4054881.50 34.30624 (14011308)
730996.38 4054906.50 34.16068 (14011308) 730996.38 4054931.50 33.86345 (14011308)
730996.38 4054956.50 33.42161 (14011308) 730996.38 4054981.50 32.83919 (14011308)
730996.38 4055006.50 32.12483 (14011308) 730996.38 4055031.50 31.29045 (14011308)
730996.38 4055056.50 30.34589 (14011308) 730996.38 4055081.50 29.30307 (14011308)
730996.38 4055106.50 28.17573 (14011308) 730996.38 4055131.50 26.97698 (14011308)
730996.38 4055156.50 25.72043 (14011308) 730996.38 4055181.50 24.41921 (14011308)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 246

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
730996.38 4055206.50 23.08740 (14011308) 730996.38 4055231.50 21.73852 (14011308)
730996.38 4055256.50 21.24181 (12110608) 730996.38 4055281.50 20.72203 (12110608)
730996.38 4055306.50 20.12034 (12110608) 730996.38 4055331.50 19.44445 (12110608)
731021.38 4052331.50 31.54644 (12112808) 731021.38 4052356.50 31.84413 (12112808)
731021.38 4052381.50 31.96642 (12112808) 731021.38 4052406.50 31.93978 (12112808)
731021.38 4052431.50 31.75744 (12112808) 731021.38 4052456.50 31.41804 (12112808)
731021.38 4052481.50 30.91876 (12112808) 731021.38 4052506.50 31.57784 (12121308)
731021.38 4052531.50 32.22718 (12121308) 731021.38 4052556.50 32.68456 (12121308)
731021.38 4052581.50 32.98307 (12121308) 731021.38 4052606.50 33.15347 (12121308)
731021.38 4052631.50 33.21568 (12121308) 731021.38 4052656.50 33.18012 (12121308)
731021.38 4052681.50 33.04777 (12121308) 731021.38 4052706.50 32.81621 (12121308)
731021.38 4052731.50 32.46314 (12121308) 731021.38 4052756.50 31.97297 (12121308)
731021.38 4052781.50 31.32512 (12121308) 731021.38 4052806.50 30.62831 (15020308)
731021.38 4052831.50 31.21031 (14012108) 731021.38 4052856.50 33.90960 (14012108)
731021.38 4052881.50 36.27872 (14012108) 731021.38 4052906.50 37.01336 (14012108)
731021.38 4052931.50 38.73120 (14012108) 731021.38 4052956.50 40.18082 (14012108)
731021.38 4052981.50 41.37256 (14012108) 731021.38 4053006.50 42.31700 (14012108)
731021.38 4053031.50 43.02450 (14012108) 731021.38 4053056.50 43.51950 (14012108)
731021.38 4053081.50 43.81940 (14012108) 731021.38 4053106.50 43.92849 (14012108)
731021.38 4053131.50 43.85346 (14012108) 731021.38 4053156.50 43.59800 (14012108)
731021.38 4053181.50 43.14604 (14012108) 731021.38 4053206.50 42.48981 (14012108)
731021.38 4053231.50 41.61336 (14012108) 731021.38 4053256.50 40.49053 (14012108)
731021.38 4053281.50 40.72344 (12011408) 731021.38 4053306.50 42.13754 (12011408)
731021.38 4053331.50 43.32266 (12011408) 731021.38 4053356.50 44.30293 (12011408)
731021.38 4053381.50 45.04180 (12011408) 731021.38 4053406.50 45.55391 (12011408)
731021.38 4053431.50 45.83092 (12011408) 731021.38 4053456.50 45.87135 (12011408)
731021.38 4053481.50 45.67472 (12011408) 731021.38 4053506.50 45.23373 (12011408)
731021.38 4053531.50 44.54795 (12011408) 731021.38 4053556.50 43.61395 (12011408)
731021.38 4053581.50 42.43841 (12011408) 731021.38 4053606.50 41.01982 (12011408)
731021.38 4053631.50 39.37698 (12011408) 731021.38 4053656.50 37.51765 (12011408)
731021.38 4053681.50 35.46600 (12011408) 731021.38 4053706.50 33.29920 (13010908)
731021.38 4053731.50 33.55768 (13010908) 731021.38 4053756.50 33.67027 (13010908)
731021.38 4053781.50 34.13825 (12020308) 731021.38 4053806.50 34.72185 (12020308)
731021.38 4053831.50 35.14028 (12020308) 731021.38 4053856.50 35.39411 (12020308)
731021.38 4053881.50 35.47384 (12020308) 731021.38 4053906.50 35.37822 (12020308)
731021.38 4053931.50 35.09190 (12020308) 731021.38 4053956.50 34.60556 (12020308)
731021.38 4053981.50 33.91149 (12020308) 731021.38 4054006.50 33.00193 (12020308)
731021.38 4054031.50 31.87290 (12020308) 731021.38 4054056.50 30.94003 (12010908)
731021.38 4054081.50 31.62930 (12010908) 731021.38 4054106.50 32.15960 (12010908)
731021.38 4054131.50 32.52583 (12010908) 731021.38 4054156.50 32.72149 (12010908)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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731121.38 4054581.50 31.50884 (14011308) 731121.38 4054606.50 32.62362 (14011308)
731121.38 4054631.50 33.61237 (14011308) 731121.38 4054656.50 34.46469 (14011308)
731121.38 4054681.50 35.17121 (14011308) 731121.38 4054706.50 35.72262 (14011308)
731121.38 4054731.50 36.11004 (14011308) 731121.38 4054756.50 36.33031 (14011308)
731121.38 4054781.50 36.38237 (14011308) 731121.38 4054806.50 36.26437 (14011308)
731121.38 4054831.50 35.97960 (14011308) 731121.38 4054856.50 35.53272 (14011308)
731121.38 4054881.50 34.93084 (14011308) 731121.38 4054906.50 34.18132 (14011308)
731121.38 4054931.50 33.29690 (14011308) 731121.38 4054956.50 32.28917 (14011308)
731121.38 4054981.50 31.17047 (14011308) 731121.38 4055006.50 29.95599 (14011308)
731121.38 4055031.50 28.66323 (14011308) 731121.38 4055056.50 27.30609 (14011308)
731121.38 4055081.50 25.89936 (14011308) 731121.38 4055106.50 24.45762 (14011308)
731121.38 4055131.50 22.99654 (14011308) 731121.38 4055156.50 21.76877 (15120908)
731121.38 4055181.50 21.29627 (15120908) 731121.38 4055206.50 20.77276 (15120908)
731121.38 4055231.50 20.20478 (15120908) 731121.38 4055256.50 21.04197 (13121108)
731121.38 4055281.50 21.86156 (13121108) 731121.38 4055306.50 22.63069 (13121108)
731121.38 4055331.50 23.34434 (13121108) 731146.38 4052331.50 31.97984 (12112808)
731146.38 4052356.50 32.67186 (12112808) 731146.38 4052381.50 33.17615 (12112808)
731146.38 4052406.50 33.49354 (12112808) 731146.38 4052431.50 33.62008 (12112808)
731146.38 4052456.50 33.58488 (12112808) 731146.38 4052481.50 33.38278 (12112808)
731146.38 4052506.50 33.01757 (12112808) 731146.38 4052531.50 32.73373 (12112808)
731146.38 4052556.50 33.47670 (12121308) 731146.38 4052581.50 34.00501 (12121308)
731146.38 4052606.50 34.35388 (12121308) 731146.38 4052631.50 34.56279 (12121308)
731146.38 4052656.50 34.65777 (12121308) 731146.38 4052681.50 34.66139 (12121308)
731146.38 4052706.50 34.57357 (12121308) 731146.38 4052731.50 34.39189 (12121308)
731146.38 4052756.50 34.10096 (12121308) 731146.38 4052781.50 33.68308 (12121308)
731146.38 4052806.50 33.11409 (12121308) 731146.38 4052831.50 31.69771 (12121308)
731146.38 4052856.50 33.64666 (14012108) 731146.38 4052881.50 36.10317 (14012108)
731146.38 4052906.50 38.29602 (14012108) 731146.38 4052931.50 40.19362 (14012108)
731146.38 4052956.50 41.79544 (14012108) 731146.38 4052981.50 43.10341 (14012108)
731146.38 4053006.50 44.13696 (14012108) 731146.38 4053031.50 44.92127 (14012108)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of data for receptor points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of data for receptor points.

731246.38 4055031.50 24.39260 (14011308) 731246.38 4055056.50 23.06862 (15120908)
731246.38 4055081.50 22.51681 (15120908) 731246.38 4055106.50 21.98897 (13121108)
731246.38 4055131.50 22.90517 (13121108) 731246.38 4055156.50 23.76919 (13121108)
731246.38 4055181.50 24.57231 (13121108) 731246.38 4055206.50 25.31024 (13121108)
731246.38 4055231.50 25.97767 (13121108) 731246.38 4055256.50 26.56851 (13121108)
731246.38 4055281.50 27.07916 (13121108) 731246.38 4055306.50 27.50449 (13121108)
731246.38 4055331.50 27.84460 (13121108) 731271.38 4052331.50 31.71750 (12112808)
731271.38 4052356.50 32.83592 (12112808) 731271.38 4052381.50 33.74985 (12112808)
731271.38 4052406.50 34.46933 (12112808) 731271.38 4052431.50 34.97586 (12112808)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists receptor points and concentrations for source group ALL.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists receptor points and concentrations for source group ALL.

731346.38 4053981.50 37.02071 (12010908) 731346.38 4054006.50 37.36421 (12010908)
731346.38 4054031.50 37.52103 (12010908) 731346.38 4054056.50 37.47608 (12010908)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains 200 rows of receptor point data.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains 200 rows of receptor point data.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two identical sets of data for receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two identical sets of data for receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two identical sets of data for receptor points.

731721.38 4055156.50 29.47753 (13121108) 731721.38 4055181.50 28.32183 (13121108)

*** AERMOT - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELPTS: RegDFault CONC ELEV Rural ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

*** AERMOT - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELPTS: RegDFault CONC ELEV Rural ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

731996.38 4053256.50 71.68619 (12011408) 731996.38 4053281.50 72.57203 (12011408)
731996.38 4053306.50 73.20394 (12011408) 731996.38 4053331.50 73.62902 (12011408)
731996.38 4053356.50 73.87432 (12011408) 731996.38 4053381.50 73.95337 (12011408)
731996.38 4053406.50 73.86299 (12011408) 731996.38 4053431.50 73.54991 (12011408)
731996.38 4053456.50 72.95928 (12011408) 731996.38 4053481.50 72.00079 (12011408)
731996.38 4053506.50 70.57632 (12011408) 731996.38 4053531.50 68.57023 (12011408)
731996.38 4053556.50 65.89446 (12011408) 731996.38 4053581.50 62.48359 (12011408)
731996.38 4053831.50 52.15195 (12010908) 731996.38 4053856.50 51.42314 (12010908)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two side-by-side data columns showing receptor point coordinates and concentration values.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
PAGE 278

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two side-by-side data columns showing receptor point coordinates and concentration values.

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732071.38 4053956.50 60.31801 (14011308) 732071.38 4053981.50 61.79015 (14011308)
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 279

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732071.38 4054006.50 62.95252 (14011308) 732071.38 4054031.50 63.76064 (14011308)
732071.38 4054056.50 64.17214 (14011308) 732071.38 4055206.50 26.55839 (12020208)
732071.38 4055231.50 25.52976 (12020208) 732071.38 4055256.50 24.48742 (12020208)
732071.38 4055281.50 23.43411 (12020208) 732071.38 4055306.50 22.37811 (12020208)
732071.38 4055331.50 21.31829 (12020208) 732096.38 4052331.50 42.48858 (13121908)
732096.38 4052356.50 41.47277 (13121908) 732096.38 4052381.50 40.43838 (13121908)
732096.38 4052406.50 40.80255 (13120108) 732096.38 4052431.50 41.45227 (13120108)
732096.38 4052456.50 41.80878 (13120108) 732096.38 4052481.50 41.89124 (13120108)
732096.38 4052506.50 41.72791 (13120108) 732096.38 4052531.50 41.35237 (13120108)
732096.38 4052556.50 40.78890 (13120108) 732096.38 4052581.50 40.67805 (12112808)
732096.38 4052606.50 43.69447 (12112808) 732096.38 4052631.50 46.40459 (12112808)
732096.38 4052656.50 48.75165 (12112808) 732096.38 4052681.50 50.69657 (12112808)
732096.38 4052706.50 52.23289 (12112808) 732096.38 4052731.50 53.37114 (12112808)
732096.38 4052756.50 54.13614 (12112808) 732096.38 4052781.50 54.57920 (12112808)
732096.38 4052806.50 54.73901 (12112808) 732096.38 4052831.50 54.65320 (12112808)
732096.38 4052856.50 54.36297 (12112808) 732096.38 4052881.50 54.20434 (12121308)
732096.38 4052906.50 54.69179 (14012108) 732096.38 4052931.50 59.77806 (14012108)
732096.38 4052956.50 63.72226 (14012108) 732096.38 4052981.50 66.59578 (14012108)
732096.38 4053006.50 68.56779 (14012108) 732096.38 4053031.50 69.84171 (14012108)
732096.38 4053056.50 70.64075 (14012108) 732096.38 4053081.50 71.12071 (14012108)
732096.38 4053106.50 71.40467 (14012108) 732096.38 4053131.50 71.57689 (14012108)
732096.38 4053156.50 71.68300 (14012108) 732096.38 4053181.50 72.71663 (12011408)
732096.38 4053206.50 74.57710 (12011408) 732096.38 4053856.50 54.83433 (14011308)
732096.38 4053881.50 57.11157 (14011308) 732096.38 4053906.50 59.19246 (14011308)
732096.38 4053931.50 61.04523 (14011308) 732096.38 4053956.50 62.63162 (14011308)
732096.38 4053981.50 63.91399 (14011308) 732096.38 4054006.50 64.84925 (14011308)
732096.38 4054031.50 65.38558 (14011308) 732096.38 4054056.50 65.49219 (14011308)
732096.38 4055206.50 25.42075 (12020208) 732096.38 4055231.50 24.35129 (12020208)
732096.38 4055256.50 23.27183 (12020208) 732096.38 4055281.50 22.18819 (12020208)
732096.38 4055306.50 21.10482 (12020208) 732096.38 4055331.50 20.02758 (12020208)
732121.38 4052331.50 44.10428 (13121908) 732121.38 4052356.50 43.23591 (13121908)
732121.38 4052381.50 42.29335 (13121908) 732121.38 4052406.50 41.17360 (13121908)
732121.38 4052431.50 41.80536 (13120108) 732121.38 4052456.50 42.37922 (13120108)
732121.38 4052481.50 42.65661 (13120108) 732121.38 4052506.50 42.66137 (13120108)
732121.38 4052531.50 42.42636 (13120108) 732121.38 4052556.50 41.98293 (13120108)
732121.38 4052581.50 41.35794 (13120108) 732121.38 4052606.50 43.37209 (12112808)
732121.38 4052631.50 46.29738 (12112808) 732121.38 4052656.50 48.05241 (12112808)
732121.38 4052681.50 51.01482 (12112808) 732121.38 4052706.50 52.74289 (12112808)
732121.38 4052731.50 54.03966 (12112808) 732121.38 4052756.50 54.94490 (12112808)
732121.38 4052781.50 55.49702 (12112808) 732121.38 4052806.50 55.74980 (12112808)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 280

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732121.38 4052831.50 55.74989 (12112808) 732121.38 4052856.50 55.53233 (12112808)
732121.38 4052881.50 55.11637 (12112808) 732121.38 4052906.50 55.43133 (14012108)
732121.38 4052931.50 60.70588 (14012108) 732121.38 4052956.50 64.76723 (14012108)
732121.38 4052981.50 67.70751 (14012108) 732121.38 4053006.50 69.71071 (14012108)
732121.38 4053031.50 71.00285 (14012108) 732121.38 4053056.50 71.79585 (14012108)
732121.38 4053081.50 72.26257 (14012108) 732121.38 4053106.50 72.54872 (14012108)
732121.38 4053131.50 72.71776 (14012108) 732121.38 4053156.50 72.81478 (14012108)
732121.38 4053181.50 74.30042 (12011408) 732121.38 4053206.50 76.11026 (12011408)
732121.38 4053981.50 65.94494 (14011308) 732121.38 4054006.50 66.61524 (14011308)
732121.38 4054031.50 66.85136 (14011308) 732121.38 4054056.50 66.62326 (14011308)
732121.38 4055206.50 24.19666 (12020208) 732121.38 4055231.50 23.09032 (12020208)
732121.38 4055256.50 21.98120 (12020208) 732121.38 4055281.50 20.87670 (12020208)
732121.38 4055306.50 19.77884 (12020208) 732121.38 4055331.50 18.69203 (12020208)
732146.38 4052331.50 45.57977 (13121908) 732146.38 4052356.50 44.83854 (13121908)
732146.38 4052381.50 44.07440 (13121908) 732146.38 4052406.50 43.09839 (13121908)
732146.38 4052431.50 42.00567 (13120108) 732146.38 4052456.50 42.80249 (13120108)
732146.38 4052481.50 43.32213 (13120108) 732146.38 4052506.50 43.51542 (13120108)
732146.38 4052531.50 43.44172 (13120108) 732146.38 4052556.50 43.13328 (13120108)
732146.38 4052581.50 42.62404 (13120108) 732146.38 4052606.50 42.96767 (12112808)
732146.38 4052631.50 46.11634 (12112808) 732146.38 4052656.50 48.90777 (12112808)
732146.38 4052681.50 51.28458 (12112808) 732146.38 4052706.50 53.20809 (12112808)
732146.38 4052731.50 54.68746 (12112808) 732146.38 4052756.50 55.74627 (12112808)
732146.38 4052781.50 56.42019 (12112808) 732146.38 4052806.50 56.77344 (12112808)
732146.38 4052831.50 56.85400 (12112808) 732146.38 4052856.50 56.70758 (12112808)
732146.38 4052881.50 56.36773 (12112808) 732146.38 4052906.50 56.19403 (14012108)
732146.38 4052931.50 61.66307 (14012108) 732146.38 4052956.50 65.86887 (14012108)
732146.38 4052981.50 68.88266 (14012108) 732146.38 4053006.50 70.90640 (14012108)
732146.38 4053031.50 72.20072 (14012108) 732146.38 4053056.50 72.99085 (14012108)
732146.38 4053081.50 73.46348 (14012108) 732146.38 4053106.50 73.73288 (14012108)
732146.38 4053131.50 73.90083 (14012108) 732146.38 4053156.50 74.00523 (14012108)
732146.38 4053181.50 75.94343 (12011408) 732146.38 4053206.50 77.68694 (12011408)
732146.38 4053981.50 67.86035 (14011308) 732146.38 4054006.50 68.23007 (14011308)
732146.38 4054031.50 68.12459 (14011308) 732146.38 4054056.50 67.52484 (14011308)
732146.38 4055206.50 22.89629 (12020208) 732146.38 4055231.50 21.76285 (12020208)
732146.38 4055256.50 20.63543 (12020208) 732146.38 4055281.50 19.51741 (12020208)
732146.38 4055306.50 18.41423 (12020208) 732146.38 4055331.50 17.32899 (12020208)
732171.38 4052331.50 46.85966 (13121908) 732171.38 4052356.50 46.29885 (13121908)
732171.38 4052381.50 45.74766 (13121908) 732171.38 4052406.50 44.94478 (13121908)
732171.38 4052431.50 43.93134 (13121908) 732171.38 4052456.50 43.12178 (13120108)
732171.38 4052481.50 43.86497 (13120108) 732171.38 4052506.50 44.27513 (13120108)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 281

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Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of receptor point data with coordinates and concentration values.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*

*** THE 1st HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of receptor point data with coordinates and concentration values.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*

*** THE 1st HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of receptor point data with coordinates and concentration values.

732621.38 4052956.50 103.67509 (14012108) 732621.38 4052981.50 108.10560 (14012108)
732621.38 4053006.50 110.31838 (14012108) 732621.38 4053031.50 111.41318 (14012108)
732621.38 4053056.50 112.48986 (12011408) 732621.38 4053081.50 117.09609 (12011408)
732621.38 4053106.50 120.26622 (12011408) 732621.38 4053131.50 122.40081 (12011408)
732621.38 4053156.50 123.80280 (12011408) 732621.38 4053181.50 124.72530 (12011408)
732621.38 4053206.50 125.34196 (12011408) 732621.38 4053231.50 125.76133 (12011408)
732621.38 4054006.50 70.81106 (13121108) 732621.38 4054031.50 67.69195 (13121108)
732621.38 4054056.50 64.95385 (12020208) 732621.38 4054081.50 63.29151 (12020208)
732621.38 4055231.50 24.87192 (12013008) 732621.38 4055256.50 24.67639 (12013008)
732621.38 4055281.50 24.47799 (12013008) 732621.38 4055306.50 24.27759 (12013008)
732621.38 4055331.50 24.07471 (12013008) 732646.38 4052331.50 74.32701 (14021508)
732646.38 4052356.50 75.62899 (14021508) 732646.38 4052381.50 76.88600 (14021508)
732646.38 4052406.50 78.07575 (14021508) 732646.38 4052431.50 79.16425 (14021508)
732646.38 4052456.50 80.11339 (14021508) 732646.38 4052481.50 80.87208 (14021508)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains two columns of receptor point data.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains two columns of receptor point data.

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of coordinate and concentration data.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 PAGE 299

*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*
*** THE 1st HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of coordinate and concentration data.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 PAGE 300

*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*
*** THE 1st HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH).

733071.38	4052506.50	78.17751	(13011208)	733071.38	4052531.50	80.24261	(13011208)
733071.38	4052556.50	82.40302	(13011208)	733071.38	4052581.50	84.65533	(13011208)
733071.38	4052606.50	87.03025	(13011208)	733071.38	4052631.50	89.55024	(13011208)
733071.38	4052656.50	92.22148	(13011208)	733071.38	4052681.50	95.06765	(13011208)
733071.38	4052706.50	98.09139	(13011208)	733071.38	4052731.50	102.28236	(14021508)
733071.38	4052756.50	107.57097	(14021508)	733071.38	4052781.50	113.02248	(14021508)
733071.38	4052806.50	118.52535	(14021508)	733071.38	4052831.50	123.79883	(14021508)
733071.38	4052856.50	128.09818	(14021508)	733071.38	4052881.50	129.82269	(14021508)
733071.38	4054006.50	64.27691	(13020108)	733071.38	4054031.50	62.30149	(13020108)
733071.38	4054056.50	60.35320	(13020108)	733071.38	4054081.50	58.48991	(13020108)
733071.38	4055256.50	24.82395	(13021208)	733071.38	4055281.50	24.57604	(13021208)
733071.38	4055306.50	24.33236	(13021208)	733071.38	4055331.50	24.09253	(13021208)
733096.38	4052331.50	64.02420	(13011208)	733096.38	4052356.50	65.81112	(13011208)
733096.38	4052381.50	67.63036	(13011208)	733096.38	4052406.50	69.49654	(13011208)
733096.38	4052431.50	71.39593	(13011208)	733096.38	4052456.50	73.34717	(13011208)
733096.38	4052481.50	75.35753	(13011208)	733096.38	4052506.50	77.43561	(13011208)
733096.38	4052531.50	79.57877	(13011208)	733096.38	4052556.50	81.81053	(13011208)
733096.38	4052581.50	84.14295	(13011208)	733096.38	4052606.50	86.58811	(13011208)
733096.38	4052631.50	89.16820	(13011208)	733096.38	4052656.50	91.88786	(13011208)
733096.38	4052681.50	94.75618	(13011208)	733096.38	4052706.50	97.82336	(13011208)
733096.38	4052731.50	101.08403	(13011208)	733096.38	4052756.50	105.40836	(12123008)
733096.38	4052781.50	110.59342	(12123008)	733096.38	4052806.50	116.02681	(14021508)
733096.38	4052831.50	121.59465	(14021508)	733096.38	4052856.50	126.21797	(14021508)
733096.38	4052881.50	128.31040	(14021508)	733096.38	4054006.50	66.11636	(13020108)
733096.38	4054031.50	64.19963	(13020108)	733096.38	4054056.50	62.40181	(13020108)
733096.38	4054081.50	60.67292	(13020108)	733096.38	4054106.50	58.99434	(13020108)
733096.38	4055256.50	24.62455	(13021208)	733096.38	4055281.50	24.36836	(13021208)
733096.38	4055306.50	24.11524	(13021208)	733096.38	4055331.50	23.86541	(13021208)
733121.38	4052331.50	62.08413	(13011208)	733121.38	4052356.50	64.00831	(13011208)
733121.38	4052381.50	65.95424	(13011208)	733121.38	4052406.50	67.94098	(13011208)
733121.38	4052431.50	69.96806	(13011208)	733121.38	4052456.50	72.04112	(13011208)
733121.38	4052481.50	74.16369	(13011208)	733121.38	4052506.50	76.35225	(13011208)
733121.38	4052531.50	78.60544	(13011208)	733121.38	4052556.50	80.93858	(13011208)
733121.38	4052581.50	83.37188	(13011208)	733121.38	4052606.50	85.90410	(13011208)
733121.38	4052631.50	88.55917	(13011208)	733121.38	4052656.50	91.35500	(13011208)
733121.38	4052681.50	94.57008	(12123008)	733121.38	4052706.50	98.89141	(12123008)
733121.38	4052731.50	103.39181	(12123008)	733121.38	4052756.50	108.08488	(12123008)
733121.38	4052781.50	112.95914	(12123008)	733121.38	4052806.50	117.93752	(12123008)
733121.38	4052831.50	122.76944	(12123008)	733121.38	4052856.50	126.70010	(12123008)
733121.38	4052881.50	127.91942	(12123008)	733121.38	4054006.50	67.30023	(13020108)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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 PAGE 301

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
733121.38	4054031.50	65.53276	733121.38	4054056.50	63.84123
733121.38	4054081.50	62.18480	733121.38	4054106.50	60.57538
733121.38	4055256.50	24.31446	733121.38	4055281.50	24.04834
733121.38	4055306.50	23.78612	733121.38	4055331.50	23.52804
733146.38	4052331.50	61.89761	733146.38	4052356.50	63.06374
733146.38	4052381.50	64.29053	733146.38	4052406.50	65.87049
733146.38	4052431.50	68.03428	733146.38	4052456.50	70.25108
733146.38	4052481.50	72.50857	733146.38	4052506.50	74.82164
733146.38	4052531.50	77.21153	733146.38	4052556.50	79.67760
733146.38	4052581.50	82.45039	733146.38	4052606.50	85.94872
733146.38	4052631.50	89.55134	733146.38	4052656.50	93.28121
733146.38	4052681.50	97.15960	733146.38	4052706.50	101.20390
733146.38	4052731.50	105.43206	733146.38	4052756.50	109.85910
733146.38	4052781.50	114.47854	733146.38	4052806.50	119.22492
733146.38	4052831.50	123.84366	733146.38	4052856.50	127.61053
733146.38	4052881.50	128.75023	733146.38	4054006.50	68.10862
733146.38	4054031.50	66.42385	733146.38	4054056.50	64.75590
733146.38	4054081.50	63.19490	733146.38	4054106.50	61.70046
733146.38	4055256.50	23.88865	733146.38	4055281.50	23.61192
733146.38	4055306.50	23.33982	733146.38	4055331.50	23.07167
733171.38	4052331.50	61.88151	733171.38	4052356.50	63.04311
733171.38	4052381.50	64.26507	733171.38	4052406.50	65.54697
733171.38	4052431.50	67.22503	733171.38	4052456.50	70.08725
733171.38	4052481.50	72.99396	733171.38	4052506.50	75.94954
733171.38	4052531.50	78.96420	733171.38	4052556.50	82.03789
733171.38	4052581.50	85.18987	733171.38	4052606.50	88.43911
733171.38	4052631.50	91.80266	733171.38	4052656.50	95.28773
733171.38	4052681.50	98.92019	733171.38	4052706.50	102.73266
733171.38	4052731.50	106.74511	733171.38	4052756.50	110.96246
733171.38	4052781.50	115.39125	733171.38	4052806.50	119.96112
733171.38	4052831.50	124.42630	733171.38	4052856.50	128.08671
733171.38	4052881.50	129.21722	733171.38	4054031.50	66.94314
733171.38	4054056.50	65.37435	733171.38	4054081.50	63.88607
733171.38	4054106.50	62.44180	733171.38	4055256.50	23.32680
733171.38	4055281.50	23.04071	733171.38	4055306.50	22.75931
733171.38	4055331.50	22.48268	733196.38	4052331.50	61.85498
733196.38	4052356.50	63.01159	733196.38	4052381.50	65.34101
733196.38	4052406.50	67.92517	733196.38	4052431.50	70.53142
733196.38	4052456.50	73.17701	733196.38	4052481.50	75.85854
733196.38	4052506.50	78.58533	733196.38	4052531.50	81.37045

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
 PAGE 302

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
733196.38	4052556.50	84.22757	733196.38	4052581.50	87.16606
733196.38	4052606.50	90.19820	733196.38	4052631.50	93.34852
733196.38	4052656.50	96.62697	733196.38	4052681.50	100.07054
733196.38	4052706.50	103.69786	733196.38	4052731.50	107.53476
733196.38	4052756.50	111.60206	733196.38	4052781.50	115.88625
733196.38	4052806.50	120.32900	733196.38	4052831.50	124.69305

Table with 6 columns of numerical values and codes. The data is organized into two columns of 30 rows each, representing various data points and identifiers.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 303

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 120 rows of receptor point data.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 304

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 120 rows of receptor point data.


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733571.38 4053906.50 110.10586 (13020508) 733571.38 4053931.50 106.28692 (13020508)
733571.38 4053956.50 102.48074 (13020508) 733571.38 4053981.50 98.75075 (13020508)
733571.38 4054006.50 95.13469 (13020508) 733571.38 4054031.50 91.55766 (13020508)
733571.38 4054056.50 87.94129 (13020508) 733571.38 4054081.50 84.41419 (13020508)
733571.38 4054106.50 80.93033 (13020508) 733571.38 4054131.50 77.47148 (13020508)
733571.38 4054156.50 74.27671 (12021408) 733571.38 4054181.50 72.28078 (12021408)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
** ** ** PAGE 311

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
733571.38 4054206.50 70.32094 (12021408) 733571.38 4054231.50 68.30997 (12021408)
733571.38 4054256.50 66.35714 (12021408) 733571.38 4054281.50 64.39363 (12021408)
733571.38 4054306.50 62.42427 (12021408) 733571.38 4054331.50 60.44657 (12021408)
733571.38 4054356.50 58.45527 (12021408) 733571.38 4054381.50 56.42189 (12021408)
733571.38 4054406.50 54.41072 (12021408) 733571.38 4054431.50 52.39547 (12021408)
733571.38 4054456.50 50.37362 (12021408) 733571.38 4054481.50 48.34697 (12021408)
733571.38 4054506.50 46.30349 (12021408) 733571.38 4054531.50 44.27052 (12021408)
733571.38 4054556.50 43.34814 (13020108) 733571.38 4054581.50 42.95419 (13020108)
733571.38 4054606.50 42.56642 (13020108) 733571.38 4054631.50 42.18697 (13020108)
733571.38 4054656.50 41.79617 (13020108) 733571.38 4054681.50 41.41781 (13020108)
733571.38 4054706.50 41.05488 (13020108) 733571.38 4054731.50 40.69801 (13020108)
733571.38 4054756.50 40.34925 (13020108) 733571.38 4054781.50 40.00410 (13020108)
733571.38 4054806.50 39.66134 (13020108) 733571.38 4054831.50 39.32287 (13020108)
733571.38 4054856.50 38.98678 (13020108) 733571.38 4054881.50 38.66573 (13020108)
733571.38 4054906.50 38.34902 (13020108) 733571.38 4054931.50 38.03723 (13020108)
733571.38 4054956.50 37.72976 (13020108) 733571.38 4054981.50 37.42718 (13020108)
733571.38 4055006.50 37.12143 (13020108) 733571.38 4055031.50 36.82083 (13020108)
733571.38 4055056.50 36.53126 (13020108) 733571.38 4055081.50 36.24504 (13020108)
733571.38 4055106.50 35.96327 (13020108) 733571.38 4055131.50 35.68439 (13020108)
733571.38 4055156.50 35.40860 (13020108) 733571.38 4055181.50 35.13187 (13020108)
733571.38 4055206.50 34.85979 (13020108) 733571.38 4055231.50 34.58941 (13020108)
733571.38 4055256.50 34.32438 (13020108) 733571.38 4055281.50 34.06290 (13020108)
733571.38 4055306.50 33.80320 (13020108) 733571.38 4055331.50 33.54612 (13020108)
733596.38 4052331.50 71.42789 (12123008) 733596.38 4052356.50 72.58250 (12123008)
733596.38 4052381.50 73.77535 (12123008) 733596.38 4052406.50 75.00386 (12123008)
733596.38 4052431.50 76.25736 (12123008) 733596.38 4052456.50 77.53544 (12123008)
733596.38 4052481.50 78.82871 (12123008) 733596.38 4052506.50 80.14071 (12123008)
733596.38 4052531.50 81.44626 (12123008) 733596.38 4052556.50 82.73135 (12123008)
733596.38 4052581.50 83.98331 (12123008) 733596.38 4052606.50 85.16131 (12123008)
733596.38 4052631.50 86.22079 (12123008) 733596.38 4052656.50 87.11182 (12123008)
733596.38 4052681.50 87.75621 (12123008) 733596.38 4052706.50 88.04714 (12123008)
733596.38 4052731.50 88.16656 (14010708) 733596.38 4052756.50 91.61699 (14010708)
733596.38 4052781.50 95.10941 (14010708) 733596.38 4052806.50 98.32888 (14010708)
733596.38 4052831.50 100.45680 (14010708) 733596.38 4052856.50 100.56864 (14010708)
733596.38 4052881.50 106.23827 (12010808) 733596.38 4052906.50 114.97914 (14012208)
733596.38 4052931.50 122.13346 (14012208) 733596.38 4052956.50 122.40203 (14012208)
733596.38 4052981.50 122.26095 (14012208) 733596.38 4053006.50 121.74707 (14012208)
733596.38 4053031.50 121.54738 (14012208) 733596.38 4053056.50 121.05148 (14012208)
733596.38 4053081.50 120.89460 (14012208) 733596.38 4053106.50 120.39994 (14012208)
733596.38 4053131.50 120.23730 (14012208) 733596.38 4053156.50 120.99033 (12012508)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
** ** ** PAGE 312

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
733596.38 4053181.50 125.86382 (12012508) 733596.38 4053206.50 129.03496 (12012508)
733596.38 4053231.50 131.50161 (12012508) 733596.38 4053256.50 132.98273 (12012508)
733596.38 4053281.50 133.74445 (12012508) 733596.38 4053306.50 134.33838 (12012508)
733596.38 4053331.50 134.18303 (12012508) 733596.38 4053356.50 134.29548 (12012508)
733596.38 4053381.50 133.98060 (12012508) 733596.38 4053406.50 133.78408 (12012508)
733596.38 4053431.50 133.64166 (12012508) 733596.38 4053456.50 133.12743 (12012508)
733596.38 4053481.50 133.00495 (12012508) 733596.38 4053506.50 134.49669 (14011508)
733596.38 4053531.50 137.33480 (14011508) 733596.38 4053556.50 139.86917 (14011508)
733596.38 4053581.50 141.85359 (14011508) 733596.38 4053606.50 143.58325 (14011508)
733596.38 4053631.50 145.14802 (14011508) 733596.38 4053656.50 145.92889 (14011508)
733596.38 4053681.50 145.10252 (14011508) 733596.38 4053706.50 141.00168 (14011508)
733596.38 4053731.50 133.94141 (14011508) 733596.38 4053756.50 130.36038 (13020508)
733596.38 4053781.50 128.36453 (13020508) 733596.38 4053806.50 125.47204 (13020508)
733596.38 4053831.50 121.96551 (13020508) 733596.38 4053856.50 118.30614 (13020508)
733596.38 4053881.50 114.63108 (13020508) 733596.38 4053906.50 110.91116 (13020508)
733596.38 4053931.50 107.36199 (13020508) 733596.38 4053956.50 103.78239 (13020508)
733596.38 4053981.50 100.30769 (13020508) 733596.38 4054006.50 96.87485 (13020508)
733596.38 4054031.50 93.38771 (13020508) 733596.38 4054056.50 89.93777 (13020508)
733596.38 4054081.50 86.67114 (13020508) 733596.38 4054106.50 83.33973 (13020508)
733596.38 4054131.50 79.96336 (13020508) 733596.38 4054156.50 76.67476 (13020508)
733596.38 4054181.50 73.39840 (13020508) 733596.38 4054206.50 71.36144 (12021408)
733596.38 4054231.50 69.49188 (12021408) 733596.38 4054256.50 67.65875 (12021408)
733596.38 4054281.50 65.81737 (12021408) 733596.38 4054306.50 63.97141 (12021408)
733596.38 4054331.50 62.08731 (12021408) 733596.38 4054356.50 60.20273 (12021408)
733596.38 4054381.50 58.32177 (12021408) 733596.38 4054406.50 56.43217 (12021408)
733596.38 4054431.50 54.52262 (12021408) 733596.38 4054456.50 52.58439 (12021408)
733596.38 4054481.50 50.65477 (12021408) 733596.38 4054506.50 48.72301 (12021408)
733596.38 4054531.50 46.78572 (12021408) 733596.38 4054556.50 44.84754 (12021408)
733596.38 4054581.50 42.90431 (12021408) 733596.38 4054606.50 40.95512 (12021408)
733596.38 4054631.50 40.27654 (13020108) 733596.38 4054656.50 39.99415 (13020108)
733596.38 4054681.50 39.71482 (13020108) 733596.38 4054706.50 39.43161 (13020108)
733596.38 4054731.50 39.15133 (13020108) 733596.38 4054756.50 38.86577 (13020108)
733596.38 4054781.50 38.58332 (13020108) 733596.38 4054806.50 38.30764 (13020108)
733596.38 4054831.50 38.03501 (13020108) 733596.38 4054856.50 37.76558 (13020108)
733596.38 4054881.50 37.49871 (13020108) 733596.38 4054906.50 37.23220 (13020108)
733596.38 4054931.50 36.96421 (13020108) 733596.38 4054956.50 36.69938 (13020108)
733596.38 4054981.50 36.44039 (13020108) 733596.38 4055006.50 36.18581 (13020108)
733596.38 4055031.50 35.93413 (13020108) 733596.38 4055056.50 35.68422 (13020108)
733596.38 4055081.50 35.43612 (13020108) 733596.38 4055106.50 35.18748 (13020108)
733596.38 4055131.50 34.93610 (13020108) 733596.38 4055156.50 34.69216 (13020108)

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INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 48 columns of receptor point data.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** ** 11:56:46 PAGE 316

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 48 columns of receptor point data.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** ** 11:56:46 PAGE 317

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table header with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH).

733671.38 4054106.50 88.56986 (13020508) 733671.38 4054131.50 85.75943 (13020508)
733671.38 4054156.50 82.96356 (13020508) 733671.38 4054181.50 80.08320 (13020508)
733671.38 4054206.50 77.26649 (13020508) 733671.38 4054231.50 74.43442 (13020508)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). It contains two identical sets of data for receptor points, showing coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). It contains two identical sets of data for receptor points, showing coordinates and concentrations.

733821.38 4053306.50 96.04782 (12012508) 733821.38 4053331.50 97.98160 (12012508)
733821.38 4053356.50 99.21482 (12012508) 733821.38 4053381.50 100.12679 (12012508)
733821.38 4053406.50 100.72359 (12012508) 733821.38 4053431.50 100.94557 (12012508)
733821.38 4053456.50 101.12413 (12012508) 733821.38 4053481.50 101.20789 (12012508)
733821.38 4053506.50 101.08318 (12012508) 733821.38 4053531.50 101.03726 (12012508)
733821.38 4053556.50 100.98237 (12012508) 733821.38 4053581.50 100.74045 (12012508)
733821.38 4053606.50 100.59189 (12012508) 733821.38 4053631.50 100.22289 (12012508)
733821.38 4053656.50 99.07878 (12012508) 733821.38 4053681.50 96.76802 (12012508)
733821.38 4053706.50 93.32519 (14011508) 733821.38 4053731.50 95.65841 (14011508)
733821.38 4053756.50 97.80478 (14011508) 733821.38 4053781.50 99.50141 (14011508)
733821.38 4053806.50 100.83796 (14011508) 733821.38 4053831.50 101.45064 (14011508)
733821.38 4053856.50 101.35958 (14011508) 733821.38 4053881.50 100.28898 (14011508)
733821.38 4053906.50 98.42701 (14011508) 733821.38 4053931.50 95.68150 (14011508)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of receptor point data for the 733821.38 source.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of receptor point data for the 733846.38 source.

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data for receptor points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data for receptor points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 334

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data for receptor points.

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data for discrete Cartesian receptor points.

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data for discrete Cartesian receptor points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** *** 11:56:46 PAGE 351

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data for discrete Cartesian receptor points.

731944.04	4053714.74	53.19782	(12020308)	731945.05	4053690.21	53.70118	(12020308)
731946.07	4053665.68	53.96092	(12020308)	731947.08	4053641.15	54.04760	(12020308)
731948.10	4053616.62	55.24269	(12011408)	731949.12	4053592.09	59.34283	(12011408)
731950.13	4053567.56	62.81852	(12011408)	731951.15	4053543.02	65.64721	(12011408)
731952.16	4053518.49	67.85217	(12011408)	731953.18	4053493.96	69.49791	(12011408)
731954.20	4053469.43	70.67135	(12011408)	731955.21	4053444.90	71.46091	(12011408)
731956.23	4053420.37	71.94777	(12011408)	731957.24	4053395.84	72.19567	(12011408)
731958.26	4053371.31	72.24666	(12011408)	731959.28	4053346.78	72.12805	(12011408)
731960.29	4053322.25	71.84215	(12011408)	731961.31	4053297.72	71.36271	(12011408)
731962.32	4053273.19	70.66822	(12011408)	731963.34	4053248.65	69.70011	(12011408)
731964.36	4053224.12	68.40645	(12011408)	731965.37	4053199.59	66.71051	(12011408)
731966.39	4053175.06	66.43924	(14012108)	731967.40	4053150.53	66.42278	(14012108)
731968.42	4053125.00	65.44780	(14012108)	731969.43	4053101.47	64.56714	(14012108)
731894.51	4053122.99	63.72301	(14012108)	731869.87	4053121.98	62.89700	(14012108)
731845.23	4053120.98	62.09461	(14012108)	731820.60	4053119.97	61.32541	(14012108)
731795.96	4053118.97	60.56666	(14012108)	731772.34	4053093.66	59.63066	(14012108)
731773.35	4053069.35	59.26425	(14012108)	731774.37	4053045.05	58.68972	(14012108)
731775.39	4053020.74	57.81712	(14012108)	731776.40	4052996.44	56.56713	(14012108)
731799.89	4052973.06	55.54033	(14012108)	731822.35	4052974.00	56.25109	(14012108)
731844.82	4052974.93	56.97556	(14012108)	731867.29	4052975.87	57.73502	(14012108)
731889.75	4052976.80	58.50721	(14012108)	731912.22	4052977.73	59.30095	(14012108)
731934.68	4052978.67	60.13530	(14012108)	731958.00	4052958.31	58.86044	(14012108)
731958.85	4052937.01	56.13285	(14012108)	731959.70	4052915.72	52.77010	(14012108)
731960.54	4052894.43	50.03088	(12121308)	731961.39	4052873.13	50.02525	(12121308)
731938.11	4052850.62	49.34091	(12121308)	731913.97	4052849.39	48.71004	(12121308)
731889.84	4052848.17	48.09382	(12121308)	731865.70	4052846.94	47.48583	(12121308)
731841.57	4052845.72	46.89781	(12121308)	731817.44	4052844.49	46.32176	(12121308)
731793.30	4052843.27	45.75563	(12121308)	731769.17	4052842.04	45.20124	(12121308)
731745.04	4052840.82	44.65791	(12121308)	731720.90	4052839.59	44.12401	(12121308)
731696.77	4052838.37	43.59836	(12121308)	731672.63	4052837.14	43.08275	(12121308)
731648.50	4052835.92	42.57172	(12121308)	731624.37	4052834.69	42.06568	(12121308)
731600.23	4052833.47	41.57022	(12121308)	731576.10	4052832.24	41.07616	(12121308)
731551.97	4052831.02	40.58759	(12121308)	731527.83	4052829.79	40.10058	(12121308)
731503.70	4052828.57	39.61604	(12121308)	731479.56	4052827.34	39.13802	(12121308)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
731455.43 4052826.12 38.65229 (12121308) 731431.30 4052824.89 38.17799 (12121308)
731407.16 4052823.67 37.69502 (12121308) 731383.03 4052822.44 37.21751 (12121308)
731358.90 4052821.22 36.73574 (12121308) 731334.76 4052819.99 36.25521 (12121308)
731310.63 4052818.77 35.77263 (12121308) 731286.49 4052817.54 35.28862 (12121308)
731261.34 4052814.06 34.80805 (12121308) 731260.31 4052865.81 35.50388 (14012108)
731259.29 4052890.55 38.05920 (14012108) 731258.26 4052915.30 40.32224 (14012108)
731257.24 4052940.04 42.25206 (14012108) 731256.21 4052964.78 43.85626 (14012108)
731255.19 4052989.53 45.14458 (14012108) 731254.17 4053014.27 46.14909 (14012108)
731253.14 4053039.02 46.89498 (14012108) 731252.12 4053063.76 47.41085 (14012108)
731251.09 4053088.51 47.73309 (14012108) 731250.07 4053113.25 47.87846 (14012108)
731249.04 4053137.99 47.85514 (14012108) 731248.02 4053162.74 47.66312 (14012108)
731246.99 4053187.48 47.29963 (14012108) 731245.97 4053212.23 46.73746 (14012108)
731244.95 4053236.97 45.95387 (14012108) 731243.92 4053261.71 44.92197 (14012108)
731242.90 4053286.46 46.33093 (12011408) 731241.87 4053311.20 47.59950 (12011408)
731240.85 4053335.95 48.61421 (12011408) 731239.82 4053360.69 49.39442 (12011408)
731238.80 4053385.43 49.93059 (12011408) 731237.78 4053410.18 50.23477 (12011408)
731236.75 4053434.92 50.28943 (12011408) 731235.73 4053459.67 50.10449 (12011408)
731234.70 4053484.41 49.67127 (12011408) 731233.68 4053509.16 48.98023 (12011408)
731232.65 4053533.90 48.02254 (12011408) 731231.63 4053558.64 46.79568 (12011408)
731230.61 4053583.39 45.29879 (12011408) 731229.58 4053608.13 43.53261 (12011408)
731228.56 4053632.88 41.51255 (12011408) 731227.53 4053657.62 39.25928 (12011408)
731226.51 4053682.36 36.80234 (12011408) 731225.48 4053707.11 36.52295 (12020308)
731224.46 4053731.85 37.21417 (12020308) 731223.43 4053756.60 37.73868 (12020308)
731222.41 4053781.34 38.10734 (12020308) 731221.39 4053806.09 38.31214 (12020308)
731220.36 4053830.83 38.35525 (12020308) 731219.34 4053855.57 38.22140 (12020308)
731218.31 4053880.32 37.89696 (12020308) 731217.29 4053905.06 37.37025 (12020308)
731216.26 4053929.81 36.61779 (12020308) 731199.89 4053830.29 52.01158 (12010908)
732108.41 4053834.79 54.42370 (12010908) 732102.96 4053963.08 63.58749 (14011308)
733488.46 4054020.60 84.75876 (13020508) 733508.70 4053885.13 110.04746 (13020508)
733535.65 4053006.59 122.37338 (14012208) 733514.28 4052920.63 125.03085 (12123008)
732831.80 4052891.60 130.66074 (14021508) 732831.81 4053250.67 155.49413 (12011408)
732785.59 4053256.36 156.36100 (12011408) 732021.24 4053223.41 71.33533 (12011408)
732011.35 4053237.47 71.57928 (12011408) 731987.64 4053809.79 52.24099 (12010908)
732013.59 4053831.19 52.59376 (12010908) 732037.30 4053832.09 53.13259 (12010908)
732061.00 4053832.99 53.62064 (12010908) 732084.71 4053833.89 54.05418 (12010908)
732107.50 4053856.17 56.05210 (14011308) 732106.59 4053877.55 57.87760 (14011308)
732105.69 4053898.94 59.56614 (14011308) 732104.78 4053920.32 61.09195 (14011308)
732103.87 4053941.70 62.44172 (14011308) 732127.70 4053964.11 65.78898 (14011308)
732152.44 4053965.13 67.87169 (14011308) 732177.18 4053966.16 69.80812 (14011308)
732201.92 4053967.19 71.56488 (14011308) 732226.67 4053968.22 73.09793 (14011308)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732251.41 4053969.24 74.34903 (14011308) 732276.15 4053970.27 75.30910 (14011308)
732300.89 4053971.30 75.90740 (14011308) 732325.63 4053972.32 76.08175 (14011308)
732350.37 4053973.35 75.86074 (14011308) 732375.11 4053974.38 75.19904 (14011308)
732399.85 4053975.41 74.08543 (14011308) 732424.59 4053976.43 72.60683 (14011308)
732449.34 4053977.46 70.76547 (14011308) 732474.08 4053978.49 72.66136 (13121108)
732498.82 4053979.51 74.43682 (13121108) 732523.56 4053980.54 75.50177 (13121108)
732548.30 4053981.57 75.80983 (13121108) 732573.04 4053982.60 75.52798 (13121108)
732597.78 4053983.62 74.72139 (13121108) 732622.52 4053984.65 73.51426 (13121108)
732647.26 4053985.68 71.96403 (13121108) 732672.00 4053986.70 70.21100 (13121108)
732696.75 4053987.73 69.18521 (12020208) 732721.49 4053988.76 68.53186 (12020208)
732746.23 4053989.79 67.71273 (12020208) 732770.97 4053990.81 66.65111 (12020208)
732795.71 4053991.84 65.38400 (12020208) 732820.45 4053992.87 63.87685 (12020208)
732845.19 4053993.89 62.06911 (12020208) 732869.93 4053994.92 60.00077 (12020208)

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731759.61	4052760.27	44.41853	(12121308)	731783.05	4052761.25	44.86548	(12121308)
731806.49	4052762.23	45.32886	(12121308)	731829.93	4052763.21	45.79389	(12121308)
731853.37	4052764.18	46.26999	(12121308)	731876.81	4052765.16	46.77666	(12121308)
731900.24	4052766.14	47.58923	(12121308)	731923.68	4052767.12	48.40029	(12121308)
731947.12	4052768.09	49.21621	(12121308)	731971.57	4052744.87	49.98124	(12121308)
731972.58	4052720.67	49.69388	(12121308)	731973.58	4052696.48	49.12879	(12121308)
731974.59	4052672.28	48.26556	(12121308)	731975.60	4052648.08	47.08142	(12121308)
731976.61	4052623.88	45.57065	(12121308)	731977.62	4052599.69	43.73680	(12121308)
731978.62	4052575.49	41.59065	(12121308)	731979.63	4052551.29	39.17373	(12121308)
731980.64	4052527.09	36.53128	(12121308)	731981.65	4052502.89	36.86487	(13120108)
731982.65	4052478.70	37.55892	(13120108)	731983.66	4052454.50	38.11977	(13120108)
731961.08	4052429.31	37.69674	(13120108)	731937.50	4052428.32	36.84410	(13120108)
731913.91	4052427.33	35.94277	(13120108)	731890.33	4052426.35	35.00910	(13120108)
731866.74	4052425.36	34.04391	(13120108)	731843.16	4052424.37	33.04776	(13120108)
731819.57	4052423.38	32.02470	(13120108)	731795.99	4052422.39	30.97742	(13120108)
731772.40	4052421.40	29.98724	(12112808)	731748.82	4052420.41	30.37200	(12112808)
731725.23	4052419.42	30.72235	(12112808)	731701.65	4052418.44	31.04034	(12112808)
731623.75	4052417.45	31.32418	(12112808)	731654.48	4052416.46	31.57598	(12112808)
731629.87	4052440.42	33.56021	(12112808)	731628.85	4052465.37	35.14805	(12112808)
731627.83	4052490.32	36.53415	(12112808)	731626.81	4052515.28	39.68436	(12112808)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
731625.79	4052540.23	40.56654	(12112808)	731624.77	4052565.18	39.37219	(12112808)
731623.75	4052590.13	39.86130	(12112808)	731616.61	4052649.90	40.00332	(12112808)
731620.69	4052711.50	41.20899	(12121308)	731619.83	4052732.95	41.60210	(12121308)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
730871.38	4052331.50	10.06329	(12112809)	730871.38	4052356.50	10.02912	(12112809)
730871.38	4052381.50	9.94535	(12112809)	730871.38	4052406.50	9.81838	(12112809)
730871.38	4052431.50	9.64565	(12112809)	730871.38	4052456.50	9.91240	(12121309)
730871.38	4052481.50	10.14791	(12121309)	730871.38	4052506.50	10.31993	(12121309)
730871.38	4052531.50	10.43693	(12121309)	730871.38	4052556.50	10.50883	(12121309)
730871.38	4052581.50	10.54115	(12121309)	730871.38	4052606.50	10.53862	(12121309)
730871.38	4052631.50	10.50231	(12121309)	730871.38	4052656.50	10.43319	(12121309)
730871.38	4052681.50	10.32605	(12121309)	730871.38	4052706.50	10.47503	(14012409)
730871.38	4052731.50	10.64311	(14012409)	730871.38	4052756.50	10.74737	(14012409)
730871.38	4052781.50	10.79974	(14012409)	730871.38	4052806.50	10.81013	(14012409)
730871.38	4052831.50	10.78388	(14012409)	730871.38	4052856.50	11.00781c	(14012109)
730871.38	4052881.50	11.70684c	(14012109)	730871.38	4052906.50	12.29997c	(14012109)
730871.38	4052931.50	12.78554c	(14012109)	730871.38	4052956.50	13.17317c	(14012109)
730871.38	4052981.50	13.47191c	(14012109)	730871.38	4053006.50	13.44253c	(14012109)
730871.38	4053031.50	13.64850c	(14012109)	730871.38	4053056.50	13.78738c	(14012109)
730871.38	4053081.50	13.86221c	(14012109)	730871.38	4053106.50	13.87309c	(14012109)
730871.38	4053131.50	13.82168c	(14012109)	730871.38	4053156.50	13.70835c	(14012109)
730871.38	4053181.50	13.52733c	(14012109)	730871.38	4053206.50	13.27924c	(14012109)
730871.38	4053231.50	12.95754c	(14012109)	730871.38	4053256.50	12.56030c	(14012109)
730871.38	4053281.50	12.67082	(12011409)	730871.38	4053306.50	13.19620	(12011409)
730871.38	4053331.50	13.66818	(12011409)	730871.38	4053356.50	14.08195	(12011409)
730871.38	4053381.50	14.43385	(12011409)	730871.38	4053406.50	14.72356	(12011409)
730871.38	4053431.50	14.94606	(12011409)	730871.38	4053456.50	15.09901	(12011409)
730871.38	4053481.50	15.17751	(12011409)	730871.38	4053506.50	15.17903	(12011409)
730871.38	4053531.50	15.10175	(12011409)	730871.38	4053556.50	14.94161	(12011409)
730871.38	4053581.50	14.70089	(12011409)	730871.38	4053606.50	14.37717	(12011409)
730871.38	4053631.50	13.97504	(12011409)	730871.38	4053656.50	13.49753	(12011409)
730871.38	4053681.50	12.95200	(12011409)	730871.38	4053706.50	12.34384	(12011409)
730871.38	4053731.50	11.68511	(12011409)	730871.38	4053756.50	10.98450	(12011409)
730871.38	4053781.50	10.62485	(13010909)	730871.38	4053806.50	10.62674	(13010909)
730871.38	4053831.50	10.81764	(12020309)	730871.38	4053856.50	10.99057	(12020309)
730871.38	4053881.50	11.10791	(12020309)	730871.38	4053906.50	11.17038	(12020309)
730871.38	4053931.50	11.17706	(12020309)	730871.38	4053956.50	11.12365	(12020309)
730871.38	4053981.50	11.00935	(12020309)	730871.38	4054006.50	10.83249	(12020309)
730871.38	4054031.50	10.58829	(12020309)	730871.38	4054056.50	10.27910	(12020309)
730871.38	4054081.50	9.90459	(12020309)	730871.38	4054106.50	9.60274	(12010909)
730871.38	4054131.50	9.84464	(12010909)	730871.38	4054156.50	10.08902c	(12011509)
730871.38	4054181.50	10.47382c	(12011509)	730871.38	4054206.50	10.81546c	(12011509)
730871.38	4054231.50	11.10831c	(12011509)	730871.38	4054256.50	11.35107c	(12011509)
730871.38	4054281.50	11.53726c	(12011509)	730871.38	4054306.50	11.66735c	(12011509)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
730871.38	4054331.50	11.73440c	(12011509)	730871.38	4054356.50	11.73930c	(12011509)
730871.38	4054381.50	11.67851c	(12011509)	730871.38	4054406.50	11.55405c	(12011509)
730871.38	4054431.50	11.36497c	(12011509)	730871.38	4054456.50	11.11392c	(12011509)
730871.38	4054481.50	10.80521c	(12011509)	730871.38	4054506.50	10.44099c	(12011509)
730871.38	4054531.50	10.02968c	(12011509)	730871.38	4054556.50	9.57689c	(12011509)
730871.38	4054581.50	9.08848c	(12011509)	730871.38	4054606.50	8.57406c	(12011509)
730871.38	4054631.50	8.04047c	(12011509)	730871.38	4054656.50	7.78919c	(12012409)
730871.38	4054681.50	8.12658	(14011309)	730871.38	4054706.50	8.53593	(14011309)
730871.38	4054731.50	8.92309	(14011309)	730871.38	4054756.50	9.28313	(14011309)

730996.38 4052706.50 10.81562 (12121309) 730996.38 4052731.50 10.91950 (14012409)
730996.38 4052756.50 11.07999 (14012409) 730996.38 4052781.50 11.17687 (14012409)
730996.38 4052806.50 11.22324 (14012409) 730996.38 4052831.50 11.22854 (14012409)
730996.38 4052856.50 11.25194c (14012109) 730996.38 4052881.50 12.02570c (14012109)
730996.38 4052906.50 12.25636c (14012109) 730996.38 4052931.50 12.81710c (14012109)
730996.38 4052956.50 13.29271c (14012109) 730996.38 4052981.50 13.68238c (14012109)
730996.38 4053006.50 13.98935c (14012109) 730996.38 4053031.50 14.22168c (14012109)
730996.38 4053056.50 14.38313c (14012109) 730996.38 4053081.50 14.47716c (14012109)
730996.38 4053106.50 14.51011c (14012109) 730996.38 4053131.50 14.48112c (14012109)
730996.38 4053156.50 14.39011c (14012109) 730996.38 4053181.50 14.23529c (14012109)
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
730996.38 4053206.50 14.01094c (14012109) 730996.38 4053231.50 13.71272c (14012109)
730996.38 4053256.50 13.33507c (14012109) 730996.38 4053281.50 13.59635 (12011409)
730996.38 4053306.50 14.13382 (12011409) 730996.38 4053331.50 14.61131 (12011409)
730996.38 4053356.50 15.02462 (12011409) 730996.38 4053381.50 15.37133 (12011409)
730996.38 4053406.50 15.64851 (12011409) 730996.38 4053431.50 15.85327 (12011409)
730996.38 4053456.50 15.98300 (12011409) 730996.38 4053481.50 16.02903 (12011409)
730996.38 4053506.50 15.99259 (12011409) 730996.38 4053531.50 15.89607 (12011409)
730996.38 4053556.50 15.65569 (12011409) 730996.38 4053581.50 15.35258 (12011409)
730996.38 4053606.50 14.96214 (12011409) 730996.38 4053631.50 14.48528 (12011409)
730996.38 4053656.50 13.93035 (12011409) 730996.38 4053681.50 13.30173 (12011409)
730996.38 4053706.50 12.61038 (12011409) 730996.38 4053731.50 11.86854 (12011409)
730996.38 4053756.50 11.11652 (13010909) 730996.38 4053781.50 11.20586 (12020309)
730996.38 4053806.50 11.41503 (12020309) 730996.38 4053831.50 11.56998 (12020309)
730996.38 4053856.50 11.66838 (12020309) 730996.38 4053881.50 11.71183 (12020309)
730996.38 4053906.50 11.69588 (12020309) 730996.38 4053931.50 11.61794 (12020309)
730996.38 4053956.50 11.47596 (12020309) 730996.38 4053981.50 11.26551 (12020309)
730996.38 4054006.50 10.98439 (12020309) 730996.38 4054031.50 10.63183 (12020309)
730996.38 4054056.50 10.20853 (12020309) 730996.38 4054081.50 10.35075 (12010909)
730996.38 4054106.50 10.76078c (12011509) 730996.38 4054131.50 11.15791c (12011509)
730996.38 4054156.50 11.50723c (12011509) 730996.38 4054181.50 11.80449c (12011509)
730996.38 4054206.50 12.04594c (12011509) 730996.38 4054231.50 12.22902c (12011509)
730996.38 4054256.50 12.34819c (12011509) 730996.38 4054281.50 12.40186c (12011509)
730996.38 4054306.50 12.38616c (12011509) 730996.38 4054331.50 12.30137c (12011509)
730996.38 4054356.50 12.14451c (12011509) 730996.38 4054381.50 11.91983c (12011509)
730996.38 4054406.50 11.62713c (12011509) 730996.38 4054431.50 11.27238c (12011509)
730996.38 4054456.50 10.85946c (12011509) 730996.38 4054481.50 10.39509c (12011509)
730996.38 4054506.50 9.88847c (12011509) 730996.38 4054531.50 9.34551c (12011509)
730996.38 4054556.50 8.77722c (12011509) 730996.38 4054581.50 8.40012 (14011309)
730996.38 4054606.50 8.84888 (14011309) 730996.38 4054631.50 9.27451 (14011309)
730996.38 4054656.50 9.67249 (14011309) 730996.38 4054681.50 10.03954 (14011309)
730996.38 4054706.50 10.37148 (14011309) 730996.38 4054731.50 10.66380 (14011309)
730996.38 4054756.50 10.91253 (14011309) 730996.38 4054781.50 11.11623 (14011309)
730996.38 4054806.50 11.27140 (14011309) 730996.38 4054831.50 11.37697 (14011309)
730996.38 4054856.50 11.43182 (14011309) 730996.38 4054881.50 11.43541 (14011309)
730996.38 4054906.50 11.38689 (14011309) 730996.38 4054931.50 11.28782 (14011309)
730996.38 4054956.50 11.14054 (14011309) 730996.38 4054981.50 10.94640 (14011309)
730996.38 4055006.50 10.70828 (14011309) 730996.38 4055031.50 10.43015 (14011309)
730996.38 4055056.50 10.11530 (14011309) 730996.38 4055081.50 9.76769 (14011309)
730996.38 4055106.50 9.39191 (14011309) 730996.38 4055131.50 8.99233 (14011309)
730996.38 4055156.50 8.57348 (14011309) 730996.38 4055181.50 8.13974 (14011309)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
730996.38 4055206.50 7.69580 (14011309) 730996.38 4055231.50 7.44827 (12110609)
730996.38 4055256.50 7.27102 (12110609) 730996.38 4055281.50 7.07160 (12110609)
730996.38 4055306.50 6.84806 (12110609) 730996.38 4055331.50 6.60268 (12110609)
731021.38 4052331.50 10.51548 (12112809) 731021.38 4052356.50 10.61377 (12112809)
731021.38 4052381.50 10.65547 (12112809) 731021.38 4052406.50 10.64659 (12112809)
731021.38 4052431.50 10.58581 (12112809) 731021.38 4052456.50 10.47268 (12112809)
731021.38 4052481.50 10.30625 (12112809) 731021.38 4052506.50 10.52595 (12121309)
731021.38 4052531.50 10.74239 (12121309) 731021.38 4052556.50 10.89485 (12121309)
731021.38 4052581.50 10.99436 (12121309) 731021.38 4052606.50 11.05116 (12121309)
731021.38 4052631.50 11.07189 (12121309) 731021.38 4052656.50 11.06004 (12121309)
731021.38 4052681.50 11.01592 (12121309) 731021.38 4052706.50 10.93874 (12121309)
731021.38 4052731.50 10.97222 (14012409) 731021.38 4052756.50 11.14446 (14012409)
731021.38 4052781.50 11.25185 (14012409) 731021.38 4052806.50 11.30613 (14012409)
731021.38 4052831.50 11.31875 (14012409) 731021.38 4052856.50 11.30320c (14012109)
731021.38 4052881.50 12.09291c (14012109) 731021.38 4052906.50 12.33779c (14012109)
731021.38 4052931.50 12.91040c (14012109) 731021.38 4052956.50 13.39361c (14012109)
731021.38 4052981.50 13.79085c (14012109) 731021.38 4053006.50 14.10567c (14012109)
731021.38 4053031.50 14.34150c (14012109) 731021.38 4053056.50 14.50650c (14012109)
731021.38 4053081.50 14.60647c (14012109) 731021.38 4053106.50 14.64283c (14012109)
731021.38 4053131.50 14.61782c (14012109) 731021.38 4053156.50 14.53267c (14012109)
731021.38 4053181.50 14.38201c (14012109) 731021.38 4053206.50 14.16327c (14012109)
731021.38 4053231.50 13.87112c (14012109) 731021.38 4053256.50 13.49684c (14012109)
731021.38 4053281.50 13.79295 (12011409) 731021.38 4053306.50 14.33237 (12011409)
731021.38 4053331.50 14.81001 (12011409) 731021.38 4053356.50 15.22317 (12011409)
731021.38 4053381.50 15.56755 (12011409) 731021.38 4053406.50 15.84272 (12011409)
731021.38 4053431.50 16.04311 (12011409) 731021.38 4053456.50 16.16510 (12011409)
731021.38 4053481.50 16.20616 (12011409) 731021.38 4053506.50 16.16089 (12011409)
731021.38 4053531.50 16.02689 (12011409) 731021.38 4053556.50 15.80149 (12011409)
731021.38 4053581.50 15.48630 (12011409) 731021.38 4053606.50 15.07992 (12011409)
731021.38 4053631.50 14.58902 (12011409) 731021.38 4053656.50 14.01598 (12011409)
731021.38 4053681.50 13.37012 (12011409) 731021.38 4053706.50 12.66213 (12011409)
731021.38 4053731.50 11.90136 (12011409) 731021.38 4053756.50 11.22342 (13010909)
731021.38 4053781.50 11.37942 (12020309) 731021.38 4053806.50 11.57395 (12020309)
731021.38 4053831.50 11.71343 (12020309) 731021.38 4053856.50 11.79804 (12020309)
731021.38 4053881.50 11.82461 (12020309) 731021.38 4053906.50 11.79274 (12020309)
731021.38 4053931.50 11.69730 (12020309) 731021.38 4053956.50 11.53519 (12020309)
731021.38 4053981.50 11.30383 (12020309) 731021.38 4054006.50 11.00064 (12020309)

731021.38 4054031.50 10.62430 (12020309) 731021.38 4054056.50 10.31334 (12010909)
731021.38 4054081.50 10.64160c (12011509) 731021.38 4054106.50 11.06872c (12011509)
731021.38 4054131.50 11.44915c (12011509) 731021.38 4054156.50 11.77880c (12011509)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for discrete Cartesian receptor points, listing coordinates and concentration values for various locations.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for discrete Cartesian receptor points, listing coordinates and concentration values for various locations.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for receptor points, listing coordinates and concentration values in micrograms per cubic meter.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for receptor points, listing coordinates and concentration values in micrograms per cubic meter.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). It lists two sets of receptor points with their respective coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). It lists discrete Cartesian receptor points with their coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). It lists discrete Cartesian receptor points with their coordinates and concentrations.

731171.38 4052531.50 11.01915 (12112809) 731171.38 4052556.50 11.20284 (12121309)
731171.38 4052581.50 11.39813 (12121309) 731171.38 4052606.50 11.52935 (12121309)
731171.38 4052631.50 11.61052 (12121309) 731171.38 4052656.50 11.65180 (12121309)
731171.38 4052681.50 11.66118 (12121309) 731171.38 4052706.50 11.63996 (12121309)
731171.38 4052731.50 11.58888 (12121309) 731171.38 4052756.50 11.52451 (14012409)
731171.38 4052781.50 11.70017 (14012409) 731171.38 4052806.50 11.71681 (14012409)
731171.38 4052831.50 11.81837 (14012409) 731171.38 4052856.50 11.86587 (14012409)
731171.38 4052881.50 12.10970c (14012109) 731171.38 4052906.50 12.85658c (14012109)
731171.38 4052931.50 13.50126c (14012109) 731171.38 4052956.50 14.04646c (14012109)
731171.38 4052981.50 14.48958c (14012109) 731171.38 4053006.50 14.84111c (14012109)
731171.38 4053031.50 15.10722c (14012109) 731171.38 4053056.50 15.29729c (14012109)
731171.38 4053081.50 15.41901c (14012109) 731171.38 4053106.50 15.47920c (14012109)
731171.38 4053131.50 15.48017c (14012109) 731171.38 4053156.50 15.42322c (14012109)
731171.38 4053181.50 15.30538c (14012109) 731171.38 4053206.50 15.12117c (14012109)
731171.38 4053231.50 14.86226c (14012109) 731171.38 4053256.50 14.52238c (14012109)
731171.38 4053281.50 15.05431 (12011409) 731171.38 4053306.50 15.60206 (12011409)
731171.38 4053331.50 16.07824 (12011409) 731171.38 4053356.50 16.48238 (12011409)
731171.38 4053381.50 16.81193 (12011409) 731171.38 4053406.50 17.06338 (12011409)
731171.38 4053431.50 17.23066 (12011409) 731171.38 4053456.50 17.31341 (12011409)
731171.38 4053481.50 17.30691 (12011409) 731171.38 4053506.50 17.20491 (12011409)
731171.38 4053531.50 17.00404 (12011409) 731171.38 4053556.50 16.70323 (12011409)
731171.38 4053581.50 16.30387 (12011409) 731171.38 4053606.50 15.80452 (12011409)
731171.38 4053631.50 15.21295 (12011409) 731171.38 4053656.50 14.53243 (12011409)
731171.38 4053681.50 13.77643 (12011409) 731171.38 4053706.50 12.95390 (12011409)
731171.38 4053731.50 12.08215 (12011409) 731171.38 4053756.50 12.21655 (12020309)
731171.38 4053781.50 12.37862 (12020309) 731171.38 4053806.50 12.48353 (12020309)
731171.38 4053831.50 12.53361 (12020309) 731171.38 4053856.50 12.52370 (12020309)
731171.38 4053881.50 12.45092 (12020309) 731171.38 4053906.50 12.31067 (12020309)
731171.38 4053931.50 12.09651 (12020309) 731171.38 4053956.50 11.80343 (12020309)
731171.38 4053981.50 11.43056 (12020309) 731171.38 4054006.50 11.26308c (12011509)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains two columns of discrete Cartesian receptor points data.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains two columns of discrete Cartesian receptor points data.

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows contain monitoring data for various locations like 731246.38 and 731271.38.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows contain discrete Cartesian receptor points for various locations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows contain discrete Cartesian receptor points for various locations.

731346.38 4052481.50 12.14269 (12112809) 731346.38 4052506.50 12.19710 (12112809)
731346.38 4052531.50 12.19206 (12112809) 731346.38 4052556.50 12.13056 (12112809)
731346.38 4052581.50 12.01313 (12112809) 731346.38 4052606.50 12.01383 (12121309)
731346.38 4052631.50 12.20100 (12121309) 731346.38 4052656.50 12.32347 (12121309)
731346.38 4052681.50 12.39672 (12121309) 731346.38 4052706.50 12.44828 (12121309)
731346.38 4052731.50 12.46207 (12121309) 731346.38 4052756.50 12.43148 (12121309)
731346.38 4052781.50 12.36152 (12121309) 731346.38 4052806.50 12.28654 (14012409)
731346.38 4053981.50 13.31051c (12011509) 731346.38 4054006.50 13.69864c (12011509)
731346.38 4054031.50 14.02502c (12011509) 731346.38 4054056.50 14.28527c (12011509)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points with coordinates and concentration values.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points with coordinates and concentration values.

731421.38 4055156.50 10.29855c (13121109) 731421.38 4055181.50 10.35700c (13121109)
731421.38 4055206.50 10.38091c (13121109) 731421.38 4055231.50 10.37041c (13121109)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of data points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of data points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

Table with 11 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731946.38 to 731946.38.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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Table with 11 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731946.38 to 731971.38.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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Table with 11 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731971.38 to 731996.38.

732071.38 4052981.50 21.84002c (14012109) 732071.38 4053006.50 22.48684c (14012109)
732071.38 4053031.50 22.91270c (14012109) 732071.38 4053056.50 23.17637c (14012109)
732071.38 4053081.50 23.33891c (14012109) 732071.38 4053106.50 23.43710c (14012109)
732071.38 4053131.50 23.49519c (14012109) 732071.38 4053156.50 23.70272c (12011409)
732071.38 4053181.50 24.70656c (12011409) 732071.38 4053206.50 25.51571c (12011409)
732071.38 4053856.50 22.14366c (12011509) 732071.38 4053881.50 21.77177c (12011509)
732071.38 4053906.50 21.20193c (12011509) 732071.38 4053931.50 20.42749c (12011509)
732071.38 4053956.50 20.10600c (14011309) 732071.38 4053981.50 20.59672c (14011309)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIPFANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
732071.38 4054006.50 20.98417 (14011309) 732071.38 4054031.50 21.25355 (14011309)
732071.38 4054056.50 21.39071 (14011309) 732071.38 4055206.50 8.85280m (12020209)
732071.38 4055231.50 8.50992m (12020209) 732071.38 4055256.50 8.16247m (12020209)
732071.38 4055281.50 7.81137m (12020209) 732071.38 4055306.50 7.45937m (12020209)
732071.38 4055331.50 7.10610m (12020209) 732096.38 4052331.50 14.16286 (13121909)
732096.38 4052356.50 13.82426 (13121909) 732096.38 4052381.50 13.47946 (13121909)
732096.38 4052406.50 13.60085 (13120109) 732096.38 4052431.50 13.81742 (13120109)
732096.38 4052456.50 13.93626 (13120109) 732096.38 4052481.50 13.96375 (13120109)
732096.38 4052506.50 13.90930 (13120109) 732096.38 4052531.50 13.78412 (13120109)
732096.38 4052556.50 13.59630 (13120109) 732096.38 4052581.50 13.55935 (12112809)
732096.38 4052606.50 14.56482 (12112809) 732096.38 4052631.50 15.46820 (12112809)
732096.38 4052656.50 16.25055 (12112809) 732096.38 4052681.50 16.89886 (12112809)
732096.38 4052706.50 17.41096 (12112809) 732096.38 4052731.50 17.79038 (12112809)
732096.38 4052756.50 18.04538 (12112809) 732096.38 4052781.50 18.19307 (12112809)
732096.38 4052806.50 18.24634 (12112809) 732096.38 4052831.50 18.21773 (12112809)
732096.38 4052856.50 18.12099 (12112809) 732096.38 4052881.50 18.06811 (12121309)
732096.38 4052906.50 18.23060c (14012109) 732096.38 4052931.50 19.92602c (14012109)
732096.38 4052956.50 21.24075c (14012109) 732096.38 4052981.50 22.19859c (14012109)
732096.38 4053006.50 22.85593c (14012109) 732096.38 4053031.50 23.28057c (14012109)
732096.38 4053056.50 23.54692c (14012109) 732096.38 4053081.50 23.70690c (14012109)
732096.38 4053106.50 23.80156c (14012109) 732096.38 4053131.50 23.85896c (14012109)
732096.38 4053156.50 24.29249 (12011409) 732096.38 4053181.50 25.28150 (12011409)
732096.38 4053206.50 26.06994 (12011409) 732096.38 4053856.50 22.41447c (12011509)
732096.38 4053881.50 21.94890c (12011509) 732096.38 4053906.50 21.27127c (12011509)
732096.38 4053931.50 20.38195c (12011509) 732096.38 4053956.50 20.87721 (14011309)
732096.38 4053981.50 21.30466 (14011309) 732096.38 4054006.50 21.61642 (14011309)
732096.38 4054031.50 21.79519 (14011309) 732096.38 4054056.50 21.83073 (14011309)
732096.38 4055206.50 8.47358m (12020209) 732096.38 4055231.50 8.11710m (12020209)
732096.38 4055256.50 7.75728m (12020209) 732096.38 4055281.50 7.39606m (12020209)
732096.38 4055306.50 7.03494m (12020209) 732096.38 4055331.50 6.67586m (12020209)
732121.38 4052331.50 14.70143 (13121909) 732121.38 4052356.50 14.41197 (13121909)
732121.38 4052381.50 14.09778 (13121909) 732121.38 4052406.50 13.72453 (13121909)
732121.38 4052431.50 13.93512 (13120109) 732121.38 4052456.50 14.12641 (13120109)
732121.38 4052481.50 14.21887 (13120109) 732121.38 4052506.50 14.22046 (13120109)
732121.38 4052531.50 14.14212 (13120109) 732121.38 4052556.50 13.99431 (13120109)
732121.38 4052581.50 13.78598 (13120109) 732121.38 4052606.50 14.45736 (12112809)
732121.38 4052631.50 15.43246 (12112809) 732121.38 4052656.50 16.28747 (12112809)
732121.38 4052681.50 17.00494 (12112809) 732121.38 4052706.50 17.58096 (12112809)
732121.38 4052731.50 18.01322 (12112809) 732121.38 4052756.50 18.31497 (12112809)
732121.38 4052781.50 18.49901 (12112809) 732121.38 4052806.50 18.58327 (12112809)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIPFANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
732121.38 4052831.50 18.58330 (12112809) 732121.38 4052856.50 18.51078 (12112809)
732121.38 4052881.50 18.37212 (12112809) 732121.38 4052906.50 18.47711c (14012109)
732121.38 4052931.50 20.23529c (14012109) 732121.38 4052956.50 21.58908c (14012109)
732121.38 4052981.50 22.56917c (14012109) 732121.38 4053006.50 23.23690c (14012109)
732121.38 4053031.50 23.66762c (14012109) 732121.38 4053056.50 23.93195c (14012109)
732121.38 4053081.50 24.08752c (14012109) 732121.38 4053106.50 24.18291c (14012109)
732121.38 4053131.50 24.23925c (14012109) 732121.38 4053156.50 24.89844 (12011409)
732121.38 4053181.50 25.87312 (12011409) 732121.38 4053206.50 26.64418 (12011409)
732121.38 4053981.50 21.98165 (14011309) 732121.38 4054006.50 22.20508 (14011309)
732121.38 4054031.50 22.28379 (14011309) 732121.38 4054056.50 22.20775 (14011309)
732121.38 4055206.50 8.06555m (12020209) 732121.38 4055231.50 7.69677m (12020209)
732121.38 4055256.50 7.32707m (12020209) 732121.38 4055281.50 6.95890m (12020209)
732121.38 4055306.50 6.59295m (12020209) 732121.38 4055331.50 6.23068m (12020209)
732146.38 4052331.50 15.19326 (13121909) 732146.38 4052356.50 14.94618 (13121909)
732146.38 4052381.50 14.69147 (13121909) 732146.38 4052406.50 14.36613 (13121909)
732146.38 4052431.50 14.00189 (13120109) 732146.38 4052456.50 14.27498 (13120109)
732146.38 4052481.50 14.44071 (13120109) 732146.38 4052506.50 14.50514 (13120109)
732146.38 4052531.50 14.48057 (13120109) 732146.38 4052556.50 14.37776 (13120109)
732146.38 4052581.50 14.20801 (13120109) 732146.38 4052606.50 14.32256 (12112809)
732146.38 4052631.50 15.37211 (12112809) 732146.38 4052656.50 16.30259 (12112809)
732146.38 4052681.50 17.09486 (12112809) 732146.38 4052706.50 17.73603 (12112809)
732146.38 4052731.50 18.22915 (12112809) 732146.38 4052756.50 18.58209 (12112809)
732146.38 4052781.50 18.80673 (12112809) 732146.38 4052806.50 18.92448 (12112809)
732146.38 4052831.50 18.95133 (12112809) 732146.38 4052856.50 18.90253 (12112809)
732146.38 4052881.50 18.78924 (12112809) 732146.38 4052906.50 18.73134c (14012109)
732146.38 4052931.50 20.55436c (14012109) 732146.38 4052956.50 21.95629c (14012109)
732146.38 4052981.50 22.96089c (14012109) 732146.38 4053006.50 23.63547c (14012109)
732146.38 4053031.50 24.06691c (14012109) 732146.38 4053056.50 24.33028c (14012109)
732146.38 4053081.50 24.48783c (14012109) 732146.38 4053106.50 24.57763c (14012109)
732146.38 4053131.50 24.63361c (14012109) 732146.38 4053156.50 25.53077 (12011409)
732146.38 4053181.50 26.48752 (12011409) 732146.38 4053206.50 27.23530 (12011409)
732146.38 4053981.50 22.62012 (14011309) 732146.38 4054006.50 22.74336 (14011309)
732146.38 4054031.50 22.70820 (14011309) 732146.38 4054056.50 22.50828 (14011309)
732146.38 4055206.50 6.73210m (12020209) 732146.38 4055231.50 7.25428m (12020209)
732146.38 4055256.50 6.87848m (12020209) 732146.38 4055281.50 6.50580m (12020209)
732146.38 4055306.50 6.13808m (12020209) 732146.38 4055331.50 5.77633m (12020209)
732171.38 4052331.50 15.61989 (13121909) 732171.38 4052356.50 15.43295 (13121909)
732171.38 4052381.50 15.24922 (13121909) 732171.38 4052406.50 14.98159 (13121909)
732171.38 4052431.50 14.64378 (13121909) 732171.38 4052456.50 14.37393 (13120109)


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732171.38 4052481.50 14.62166 (13120109) 732171.38 4052506.50 14.75838 (13120109)
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732171.38 4052531.50 14.79401 (13120109) 732171.38 4052556.50 14.74207 (13120109)
732171.38 4052581.50 14.61645 (13120109) 732171.38 4052606.50 14.42696 (13120109)
732171.38 4052631.50 15.28192 (12112809) 732171.38 4052656.50 16.29319 (12112809)
732171.38 4052681.50 17.16401 (12112809) 732171.38 4052706.50 17.88053 (12112809)
732171.38 4052731.50 18.43956 (12112809) 732171.38 4052756.50 18.84546 (12112809)
732171.38 4052781.50 19.11634 (12112809) 732171.38 4052806.50 19.26997 (12112809)
732171.38 4052831.50 19.32546 (12112809) 732171.38 4052856.50 19.30156 (12112809)
732171.38 4052881.50 19.21055 (12112809) 732171.38 4052906.50 19.05934 (12112809)
732171.38 4052931.50 20.89242c (14012109) 732171.38 4052956.50 22.33631c (14012109)
732171.38 4052981.50 23.36723c (14012109) 732171.38 4053006.50 24.05295c (14012109)
732171.38 4053031.50 24.48598c (14012109) 732171.38 4053056.50 24.74793c (14012109)
732171.38 4053081.50 24.90158c (14012109) 732171.38 4053106.50 24.99086c (14012109)
732171.38 4053131.50 25.04569c (14012109) 732171.38 4053156.50 26.18326 (12011409)
732171.38 4053181.50 27.11962 (12011409) 732171.38 4053206.50 27.84847 (12011409)
732171.38 4053981.50 23.20898 (14011309) 732171.38 4054006.50 23.21785 (14011309)
732171.38 4054031.50 23.05858 (14011309) 732171.38 4054056.50 22.72313 (14011309)
732171.38 4055206.50 7.17607m (12020209) 732171.38 4055231.50 6.79283m (12020209)
732171.38 4055256.50 6.41364m (12020209) 732171.38 4055281.50 6.04013m (12020209)
732171.38 4055306.50 5.67359m (12020209) 732171.38 4055331.50 5.31568m (12020209)
732196.38 4052331.50 15.85171 (13121909) 732196.38 4052356.50 15.85809 (13121909)
732196.38 4052381.50 15.75787 (13121909) 732196.38 4052406.50 15.56345 (13121909)
732196.38 4052431.50 15.28380 (13121909) 732196.38 4052456.50 14.93301 (13121909)
732196.38 4052481.50 14.75358 (13120109) 732196.38 4052506.50 14.97283 (13120109)
732196.38 4052531.50 15.08003 (13120109) 732196.38 4052556.50 15.08755 (13120109)
732196.38 4052581.50 15.00901 (13120109) 732196.38 4052606.50 14.86038 (13120109)
732196.38 4052631.50 15.16218 (12112809) 732196.38 4052656.50 16.25668 (12112809)
732196.38 4052681.50 17.21230 (12112809) 732196.38 4052706.50 18.00953 (12112809)
732196.38 4052731.50 18.63933 (12112809) 732196.38 4052756.50 19.10790 (12112809)
732196.38 4052781.50 19.42727 (12112809) 732196.38 4052806.50 19.61920 (12112809)
732196.38 4052831.50 19.70537 (12112809) 732196.38 4052856.50 19.70717 (12112809)
732196.38 4052881.50 19.63917 (12112809) 732196.38 4052906.50 19.51058 (12112809)
732196.38 4052931.50 21.24340c (14012109) 732196.38 4052956.50 22.73744c (14012109)
732196.38 4052981.50 23.79378c (14012109) 732196.38 4053006.50 24.49052c (14012109)
732196.38 4053031.50 24.92220c (14012109) 732196.38 4053056.50 25.18144c (14012109)
732196.38 4053081.50 25.33442c (14012109) 732196.38 4053106.50 25.42335c (14012109)
732196.38 4053131.50 25.69786 (12011409) 732196.38 4053156.50 26.86255 (12011409)
732196.38 4053181.50 27.77756 (12011409) 732196.38 4053206.50 28.48102 (12011409)
732196.38 4053981.50 23.74054 (14011309) 732196.38 4054006.50 23.62171 (14011309)
732196.38 4054031.50 23.32043 (14011309) 732196.38 4054056.50 22.84665 (14011309)
732196.38 4055206.50 6.70374m (12020209) 732196.38 4055231.50 6.31814m (12020209)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELPTS: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 404

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732196.38 4055256.50 5.93895m (12020209) 732196.38 4055281.50 5.56787m (12020209)
732196.38 4055306.50 5.20597m (12020209) 732196.38 4055331.50 4.85422m (12020209)
732221.38 4052331.50 16.09213 (13121909) 732221.38 4052356.50 16.20606 (13121909)
732221.38 4052381.50 16.20782 (13121909) 732221.38 4052406.50 16.09999 (13121909)
732221.38 4052431.50 15.89272 (13121909) 732221.38 4052456.50 15.59974 (13121909)
732221.38 4052481.50 15.23657 (13121909) 732221.38 4052506.50 15.14114 (13120109)
732221.38 4052531.50 15.32880 (13120109) 732221.38 4052556.50 15.40508 (13120109)
732221.38 4052581.50 15.38351 (13120109) 732221.38 4052606.50 15.28098 (13120109)
732221.38 4052631.50 15.11081 (13120109) 732221.38 4052656.50 16.19196 (12112809)
732221.38 4052681.50 17.23666 (12112809) 732221.38 4052706.50 18.12033 (12112809)
732221.38 4052731.50 18.82907 (12112809) 732221.38 4052756.50 19.36445 (12112809)
732221.38 4052781.50 19.73858 (12112809) 732221.38 4052806.50 19.97298 (12112809)
732221.38 4052831.50 20.09211 (12112809) 732221.38 4052856.50 20.12040 (12112809)
732221.38 4052881.50 20.07480 (12112809) 732221.38 4052906.50 19.96935 (12112809)
732221.38 4052931.50 21.61322c (14012109) 732221.38 4052956.50 23.15772c (14012109)
732221.38 4052981.50 24.23838c (14012109) 732221.38 4053006.50 24.94369c (14012109)
732221.38 4053031.50 25.37991c (14012109) 732221.38 4053056.50 25.63651c (14012109)
732221.38 4053081.50 25.78468c (14012109) 732221.38 4053106.50 25.87035c (14012109)
732221.38 4053131.50 26.42269 (12011409) 732221.38 4053156.50 27.56500 (12011409)
732221.38 4053181.50 28.45524 (12011409) 732221.38 4053206.50 29.13664 (12011409)
732221.38 4053231.50 29.64467 (12011409) 732221.38 4053981.50 24.40120 (14011309)
732221.38 4054006.50 23.93570 (14011309) 732221.38 4054031.50 23.49127 (14011309)
732221.38 4054056.50 22.87180 (14011309) 732221.38 4055206.50 6.21718m (12020209)
732221.38 4055231.50 5.83310m (12020209) 732221.38 4055256.50 5.45786m (12020209)
732221.38 4055281.50 5.09236m (12020209) 732221.38 4055306.50 4.73798m (12020209)
732221.38 4055331.50 4.64915 (14012609) 732246.38 4052331.50 16.23309 (13121909)
732246.38 4052356.50 16.46470 (13121909) 732246.38 4052381.50 16.57799 (13121909)
732246.38 4052406.50 16.57236 (13121909) 732246.38 4052431.50 16.45456 (13121909)
732246.38 4052456.50 16.23523 (13121909) 732246.38 4052481.50 15.92920 (13121909)
732246.38 4052506.50 15.55317 (13121909) 732246.38 4052531.50 15.53626 (13120109)
732246.38 4052556.50 15.69181 (13120109) 732246.38 4052581.50 15.73547 (13120109)
732246.38 4052606.50 15.68478 (13120109) 732246.38 4052631.50 15.55805 (13120109)
732246.38 4052656.50 16.09151 (12112809) 732246.38 4052681.50 17.23132 (12112809)
732246.38 4052706.50 18.20974 (12112809) 732246.38 4052731.50 19.00704 (12112809)
732246.38 4052756.50 19.61602 (12112809) 732246.38 4052781.50 20.05051 (12112809)
732246.38 4052806.50 20.33245 (12112809) 732246.38 4052831.50 20.48754 (12112809)
732246.38 4052856.50 20.54327 (12112809) 732246.38 4052881.50 20.52271 (12112809)
732246.38 4052906.50 20.43633 (12112809) 732246.38 4052931.50 21.99897c (14012109)
732246.38 4052956.50 23.59818c (14012109) 732246.38 4052981.50 24.70568c (14012109)
732246.38 4053006.50 25.42242c (14012109) 732246.38 4053031.50 25.85709c (14012109)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELPTS: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 405

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Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of data points for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 412

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of data points for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 413

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of data points for various coordinates and concentrations.

732796.38 4054006.50 21.27288m (12020209) 732796.38 4054031.50 20.40310m (12020209)
732796.38 4054056.50 19.52929m (12020209) 732796.38 4054081.50 18.66925m (12020209)
732796.38 4055231.50 7.95262m (12013009) 732796.38 4055256.50 7.82442m (12013009)
732796.38 4055281.50 7.69597m (12013009) 732796.38 4055306.50 7.56716m (12013009)
732796.38 4055331.50 7.43798m (12013009) 732821.38 4052331.50 23.24259 (14021509)
732821.38 4052356.50 23.98473 (14021509) 732821.38 4052381.50 24.72919 (14021509)
732821.38 4052406.50 25.47805 (14021509) 732821.38 4052431.50 26.22862 (14021509)
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* PAGE 418

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data points.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* PAGE 419

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two sets of data points.

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two side-by-side columns of data for discrete Cartesian receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46 PAGE 423

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two side-by-side columns of data for discrete Cartesian receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46 PAGE 424

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two side-by-side columns of data for discrete Cartesian receptor points.

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains multiple rows of coordinate and concentration data.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Areal

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains multiple rows of coordinate and concentration data.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Areal

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains multiple rows of coordinate and concentration data.

733321.38	4052856.50	44.57958	(16021309)	733321.38	4052881.50	47.07230	(16021309)
733321.38	4052906.50	48.79173	(16021309)	733321.38	4054031.50	26.16631	(12021409)
733321.38	4054056.50	24.84789	(12021409)	733321.38	4054081.50	23.55368	(12021409)
733321.38	4054106.50	22.26824	(12021409)	733321.38	4055256.50	10.48059	(13020109)
733321.38	4055281.50	10.31431	(13020109)	733321.38	4055306.50	10.14905	(13020109)
733321.38	4055331.50	9.98516	(13020109)	733346.38	4052331.50	23.85842c	(12123009)
733346.38	4052356.50	24.39548c	(12123009)	733346.38	4052381.50	24.94511c	(12123009)
733346.38	4052406.50	25.51047c	(12123009)	733346.38	4052431.50	26.09185c	(12123009)
733346.38	4052456.50	26.69707c	(12123009)	733346.38	4052481.50	27.32692c	(12123009)
733346.38	4052506.50	27.98418c	(12123009)	733346.38	4052531.50	28.67397c	(12123009)
733346.38	4052556.50	29.39844c	(12123009)	733346.38	4052581.50	30.16696c	(12123009)
733346.38	4052606.50	30.98281c	(12123009)	733346.38	4052631.50	31.85318c	(12123009)
733346.38	4052656.50	32.78382c	(12123009)	733346.38	4052681.50	33.78100c	(12123009)
733346.38	4052706.50	34.85482c	(12123009)	733346.38	4052731.50	36.01400c	(12123009)
733346.38	4052756.50	37.26198c	(12123009)	733346.38	4052781.50	38.59704c	(12123009)
733346.38	4052806.50	40.00519c	(12123009)	733346.38	4052831.50	42.06462	(16021309)
733346.38	4052856.50	44.55019	(16021309)	733346.38	4052881.50	47.04279	(16021309)
733346.38	4052906.50	48.84785	(16021309)	733346.38	4054031.50	27.52650	(12021409)
733346.38	4054056.50	26.24308	(12021409)	733346.38	4054081.50	25.00272	(12021409)
733346.38	4054106.50	23.77907	(12021409)	733346.38	4055256.50	10.81807	(13020109)
733346.38	4055281.50	10.65821	(13020109)	733346.38	4055306.50	10.50184	(13020109)
733346.38	4055331.50	10.34608	(13020109)	733371.38	4052331.50	24.02700c	(12123009)
733371.38	4052356.50	24.53953c	(12123009)	733371.38	4052381.50	25.06482c	(12123009)
733371.38	4052406.50	25.60877c	(12123009)	733371.38	4052431.50	26.17299c	(12123009)
733371.38	4052456.50	26.75951c	(12123009)	733371.38	4052481.50	27.37273c	(12123009)
733371.38	4052506.50	28.01619c	(12123009)	733371.38	4052531.50	28.69359c	(12123009)
733371.38	4052556.50	29.41006c	(12123009)	733371.38	4052581.50	30.16942c	(12123009)
733371.38	4052606.50	30.97667c	(12123009)	733371.38	4052631.50	31.83857c	(12123009)
733371.38	4052656.50	32.76154c	(12123009)	733371.38	4052681.50	33.75456c	(12123009)
733371.38	4052706.50	34.82392c	(12123009)	733371.38	4052731.50	35.97788c	(12123009)
733371.38	4052756.50	37.22038c	(12123009)	733371.38	4052781.50	38.55249c	(12123009)
733371.38	4052806.50	39.95605c	(12123009)	733371.38	4052831.50	42.04187	(16021309)
733371.38	4052856.50	44.51412	(16021309)	733371.38	4052881.50	47.00588	(16021309)
733371.38	4052906.50	48.88169	(16021309)	733371.38	4054031.50	28.69706	(12021409)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELPTS:  RegDFault  CONC  ELEV  RURAL  ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  AREAL  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER    IN MICROGRAMS/M**3          **

X-COORD (M)  Y-COORD (M)    CONC  (YMMDDHH)   X-COORD (M)  Y-COORD (M)    CONC  (YMMDDHH)
-----
733371.38    4054056.50    27.49156  (12021409)    733371.38    4054081.50    26.31201  (12021409)
733371.38    4054106.50    25.14462  (12021409)    733371.38    4055256.50    11.08985  (13020109)
733371.38    4055281.50    10.94167  (13020109)    733371.38    4055306.50    10.79434  (13020109)
733371.38    4055331.50    10.64750  (13020109)    733396.38    4052331.50    24.13659c  (12123009)
733396.38    4052356.50    24.62895c  (12123009)    733396.38    4052381.50    25.13779c  (12123009)
733396.38    4052406.50    25.66608c  (12123009)    733396.38    4052431.50    26.21636c  (12123009)
733396.38    4052456.50    26.78946c  (12123009)    733396.38    4052481.50    27.39287c  (12123009)
733396.38    4052506.50    28.02772c  (12123009)    733396.38    4052531.50    28.69636c  (12123009)
733396.38    4052556.50    29.40341c  (12123009)    733396.38    4052581.50    30.15667c  (12123009)
733396.38    4052606.50    30.95956c  (12123009)    733396.38    4052631.50    31.81785c  (12123009)
733396.38    4052656.50    32.73693c  (12123009)    733396.38    4052681.50    33.72454c  (12123009)
733396.38    4052706.50    34.79030c  (12123009)    733396.38    4052731.50    35.93852c  (12123009)
733396.38    4052756.50    37.17747c  (12123009)    733396.38    4052781.50    38.50599c  (12123009)
733396.38    4052806.50    39.90739c  (12123009)    733396.38    4052831.50    42.01224  (16021309)
733396.38    4052856.50    44.47260  (16021309)    733396.38    4052881.50    46.96741  (16021309)
733396.38    4052906.50    48.88186  (16021309)    733396.38    4054031.50    29.70244  (12021409)
733396.38    4054056.50    28.57485  (12021409)    733396.38    4054081.50    27.45966  (12021409)
733396.38    4054106.50    26.33365  (12021409)    733396.38    4055256.50    11.30583  (13020109)
733396.38    4055281.50    11.16648  (13020109)    733396.38    4055306.50    11.02584  (13020109)
733396.38    4055331.50    10.88687  (13020109)    733421.38    4052331.50    24.20252c  (12123009)
733421.38    4052356.50    24.68112c  (12123009)    733421.38    4052381.50    25.17709c  (12123009)
733421.38    4052406.50    25.69472c  (12123009)    733421.38    4052431.50    26.23529c  (12123009)
733421.38    4052456.50    26.80223c  (12123009)    733421.38    4052481.50    27.39646c  (12123009)
733421.38    4052506.50    28.02305c  (12123009)    733421.38    4052531.50    28.68775c  (12123009)
733421.38    4052556.50    29.39225c  (12123009)    733421.38    4052581.50    30.13979c  (12123009)
733421.38    4052606.50    30.93692c  (12123009)    733421.38    4052631.50    31.79097c  (12123009)
733421.38    4052656.50    32.70754c  (12123009)    733421.38    4052681.50    33.69256c  (12123009)
733421.38    4052706.50    34.75421c  (12123009)    733421.38    4052731.50    35.89968c  (12123009)
733421.38    4052756.50    37.13392c  (12123009)    733421.38    4052781.50    38.45817c  (12123009)
733421.38    4052806.50    39.85827c  (12123009)    733421.38    4052831.50    41.97562  (16021309)
733421.38    4052856.50    44.42585  (16021309)    733421.38    4052881.50    46.92747  (16021309)
733421.38    4052906.50    48.75874  (16021309)    733421.38    4054031.50    30.55381  (12021409)
733421.38    4054056.50    29.47063  (12021409)    733421.38    4054081.50    28.42125  (12021409)
733421.38    4054106.50    27.38184  (12021409)    733421.38    4055256.50    11.46549  (13020109)
733421.38    4055281.50    11.33471  (13020109)    733421.38    4055306.50    11.20427  (13020109)
733421.38    4055331.50    11.07461  (13020109)    733446.38    4052331.50    24.24014c  (12123009)
733446.38    4052356.50    24.70697c  (12123009)    733446.38    4052381.50    25.19606c  (12123009)
733446.38    4052406.50    25.70595c  (12123009)    733446.38    4052431.50    26.23841c  (12123009)
733446.38    4052456.50    26.79921c  (12123009)    733446.38    4052481.50    27.39013c  (12123009)
733446.38    4052506.50    28.01438c  (12123009)    733446.38    4052531.50    28.67162c  (12123009)
  
```

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS:  RegDFault  CONC  ELEV  RURAL  ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  AREAL  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER    IN MICROGRAMS/M**3          **

X-COORD (M)  Y-COORD (M)    CONC  (YMMDDHH)   X-COORD (M)  Y-COORD (M)    CONC  (YMMDDHH)
-----
733446.38    4052556.50    29.37301c  (12123009)    733446.38    4052581.50    30.11797c  (12123009)
733446.38    4052606.50    30.91357c  (12123009)    733446.38    4052631.50    31.76385c  (12123009)
733446.38    4052656.50    32.67809c  (12123009)    733446.38    4052681.50    33.65924c  (12123009)
733446.38    4052706.50    34.71725c  (12123009)    733446.38    4052731.50    35.85855c  (12123009)
733446.38    4052756.50    37.09019c  (12123009)    733446.38    4052781.50    38.40996c  (12123009)
733446.38    4052806.50    39.80847c  (12123009)    733446.38    4052831.50    41.92554  (16021309)
733446.38    4052856.50    44.36492  (16021309)    733446.38    4052881.50    46.84392  (16021309)
733446.38    4052906.50    48.73252  (16021309)    733446.38    4054031.50    31.22863  (12021409)
733446.38    4054056.50    30.23184  (12021409)    733446.38    4054081.50    29.25163  (12021409)
733446.38    4054106.50    28.27812  (12021409)    733446.38    4055256.50    11.58030  (13020109)
733446.38    4055281.50    11.45624  (13020109)    733446.38    4055306.50    11.33410  (13020109)
733446.38    4055331.50    11.21188  (13020109)    733471.38    4052331.50    24.25427c  (12123009)
733471.38    4052356.50    24.71651c  (12123009)    733471.38    4052381.50    25.19742c  (12123009)
  
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733596.38	4054881.50	12.49957	(13020109)	733596.38	4054906.50	12.41073	(13020109)
733596.38	4054931.50	12.32140	(13020109)	733596.38	4054956.50	12.23313	(13020109)
733596.38	4054981.50	12.14680	(13020109)	733596.38	4055006.50	12.06194	(13020109)
733596.38	4055031.50	11.97804	(13020109)	733596.38	4055056.50	11.89474	(13020109)
733596.38	4055081.50	11.81204	(13020109)	733596.38	4055106.50	11.72916	(13020109)
733596.38	4055131.50	11.64537	(13020109)	733596.38	4055156.50	11.56405	(13020109)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)

733596.38 4055181.50 11.48443 (13020109) 733596.38 4055206.50 11.40554 (13020109)
733596.38 4055231.50 11.32684 (13020109) 733596.38 4055256.50 11.24882 (13020109)
733596.38 4055281.50 11.17144 (13020109) 733596.38 4055306.50 11.09432 (13020109)
733596.38 4055331.50 11.01810 (13020109) 733621.38 4052331.50 23.35956c (12123009)
733621.38 4052356.50 23.68023c (12123009) 733621.38 4052381.50 24.00077c (12123009)
733621.38 4052406.50 24.31921c (12123009) 733621.38 4052431.50 24.62900c (12123009)
733621.38 4052456.50 24.92940c (12123009) 733621.38 4052481.50 25.21629c (12123009)
733621.38 4052506.50 25.47765c (12123009) 733621.38 4052531.50 25.70705c (12123009)
733621.38 4052556.50 25.89865c (12123009) 733621.38 4052581.50 26.60397 (14010709)
733621.38 4052606.50 27.76269 (14010709) 733621.38 4052631.50 28.96136 (14010709)
733621.38 4052656.50 30.20874 (14010709) 733621.38 4052681.50 31.50847 (14010709)
733621.38 4052706.50 32.86054 (14010709) 733621.38 4052731.50 34.24942 (14010709)
733621.38 4052756.50 35.62678 (14010709) 733621.38 4052781.50 36.88883 (14010709)
733621.38 4052806.50 37.83161 (14010709) 733621.38 4052831.50 38.26875 (14010709)
733621.38 4052856.50 38.01993 (14010709) 733621.38 4052881.50 37.26551 (14010709)
733621.38 4052906.50 37.64487 (14012209) 733621.38 4052931.50 39.37635 (14012209)
733621.38 4052956.50 39.53940 (14012209) 733621.38 4052981.50 39.41087 (14012209)
733621.38 4053006.50 39.35233 (14012209) 733621.38 4053031.50 39.19027 (14012209)
733621.38 4053056.50 39.13379 (14012209) 733621.38 4053081.50 38.98389 (14012209)
733621.38 4053106.50 38.93796 (14012209) 733621.38 4053131.50 38.79712 (14012209)
733621.38 4053156.50 38.72125 (14012209) 733621.38 4053181.50 39.91508c (12012509)
733621.38 4053206.50 41.20475c (12012509) 733621.38 4053231.50 42.09804c (12012509)
733621.38 4053256.50 42.66558c (12012509) 733621.38 4053281.50 43.08190c (12012509)
733621.38 4053306.50 43.21456c (12012509) 733621.38 4053331.50 43.33559c (12012509)
733621.38 4053356.50 43.30460c (12012509) 733621.38 4053381.50 43.27807c (12012509)
733621.38 4053406.50 43.24969c (12012509) 733621.38 4053431.50 43.10382c (12012509)
733621.38 4053456.50 43.06504c (12012509) 733621.38 4053481.50 42.94618c (12012509)
733621.38 4053506.50 42.85043c (12012509) 733621.38 4053531.50 42.88354 (14011509)
733621.38 4053556.50 43.74877 (14011509) 733621.38 4053581.50 43.52601 (14011509)
733621.38 4053606.50 45.23446 (14011509) 733621.38 4053631.50 45.75229 (14011509)
733621.38 4053656.50 46.23228 (14011509) 733621.38 4053681.50 46.44355 (14011509)
733621.38 4053706.50 45.91489 (14011509) 733621.38 4053731.50 44.53204 (14011509)
733621.38 4053756.50 43.12531 (13020509) 733621.38 4053781.50 42.91758 (13020509)
733621.38 4053806.50 42.36217 (13020509) 733621.38 4053831.50 41.50054 (13020509)
733621.38 4053856.50 40.48273 (13020509) 733621.38 4053881.50 39.31485 (13020509)
733621.38 4053906.50 38.13784 (13020509) 733621.38 4053931.50 36.94690 (13020509)
733621.38 4053956.50 35.77661 (13020509) 733621.38 4053981.50 34.59258 (13020509)
733621.38 4054006.50 33.69166 (12021409) 733621.38 4054031.50 33.03016 (12021409)
733621.38 4054056.50 32.35379 (12021409) 733621.38 4054081.50 31.72975 (12021409)
733621.38 4054106.50 31.09114 (12021409) 733621.38 4054131.50 30.47738 (12021409)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)

733621.38 4054156.50 29.87203 (12021409) 733621.38 4054181.50 29.25888 (12021409)
733621.38 4054206.50 28.65483 (12021409) 733621.38 4054231.50 28.06125 (12021409)
733621.38 4054256.50 27.46648 (12021409) 733621.38 4054281.50 26.85802 (12021409)
733621.38 4054306.50 26.25152 (12021409) 733621.38 4054331.50 25.64203 (12021409)
733621.38 4054356.50 25.02760 (12021409) 733621.38 4054381.50 24.40509 (12021409)
733621.38 4054406.50 23.76275 (12021409) 733621.38 4054431.50 23.11839 (12021409)
733621.38 4054456.50 22.46760 (12021409) 733621.38 4054481.50 21.80792 (12021409)
733621.38 4054506.50 21.13883 (12021409) 733621.38 4054531.50 20.45541 (12021409)
733621.38 4054556.50 19.76128 (12021409) 733621.38 4054581.50 19.06686 (12021409)
733621.38 4054606.50 18.36658 (12021409) 733621.38 4054631.50 17.66029 (12021409)
733621.38 4054656.50 16.95106 (12021409) 733621.38 4054681.50 16.23800 (12021409)
733621.38 4054706.50 15.52132 (12021409) 733621.38 4054731.50 14.80873 (12021409)
733621.38 4054756.50 14.10209 (12021409) 733621.38 4054781.50 13.40069 (12021409)
733621.38 4054806.50 12.70684 (12021409) 733621.38 4054831.50 12.12410 (13020109)
733621.38 4054856.50 12.05501 (13020109) 733621.38 4054881.50 11.98827 (13020109)
733621.38 4054906.50 11.92110 (13020109) 733621.38 4054931.50 11.85528 (13020109)
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733621.38 4055256.50 10.98299 (13020109) 733621.38 4055281.50 10.91731 (13020109)
733621.38 4055306.50 10.85210 (13020109) 733621.38 4055331.50 10.78630 (13020109)
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733646.38 4052881.50 33.67013 (14010709) 733646.38 4052906.50 36.70213 (14012209)
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733746.38 4053731.50 37.11400 (14011509) 733746.38 4053756.50 37.50773 (14011509)
733746.38 4053781.50 37.62332 (14011509) 733746.38 4053806.50 37.33052 (14011509)
733746.38 4053831.50 36.65704 (14011509) 733746.38 4053856.50 35.56962 (14011509)
733746.38 4053881.50 34.21120 (14011509) 733746.38 4053906.50 32.61986 (14011509)
733746.38 4053931.50 32.69583 (13020509) 733746.38 4053956.50 32.79749 (13020509)
733746.38 4053981.50 32.72180 (13020509) 733746.38 4054006.50 32.55796 (13020509)
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733746.38 4054181.50 28.40469 (12021409) 733746.38 4054206.50 28.21794 (12021409)
733746.38 4054231.50 27.98468 (12021409) 733746.38 4054256.50 27.71371 (12021409)
733746.38 4054281.50 27.40926 (12021409) 733746.38 4054306.50 27.06781 (12021409)
733746.38 4054331.50 26.71638 (12021409) 733746.38 4054356.50 26.35044 (12021409)
733746.38 4054381.50 25.96817 (12021409) 733746.38 4054406.50 25.56950 (12021409)
733746.38 4054431.50 25.15074 (12021409) 733746.38 4054456.50 24.72981 (12021409)
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733746.38 4054581.50 22.44360 (12021409) 733746.38 4054606.50 21.95404 (12021409)
733746.38 4054631.50 21.45178 (12021409) 733746.38 4054656.50 20.93716 (12021409)
733746.38 4054681.50 20.41029 (12021409) 733746.38 4054706.50 19.86615 (12021409)
733746.38 4054731.50 19.31661 (12021409) 733746.38 4054756.50 18.75898 (12021409)
733746.38 4054781.50 18.19092 (12021409) 733746.38 4054806.50 17.61420 (12021409)
733746.38 4054831.50 17.03076 (12021409) 733746.38 4054856.50 16.43903 (12021409)
733746.38 4054881.50 15.83807 (12021409) 733746.38 4054906.50 15.23808 (12021409)
733746.38 4054931.50 14.63630 (12021409) 733746.38 4054956.50 14.03373 (12021409)
733746.38 4054981.50 13.43225 (12021409) 733746.38 4055006.50 12.83340 (12021409)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points with coordinates and concentration values.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points with coordinates and concentration values.

Table with 7 columns: ID, X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Rows 733821.38 to 733821.38.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Rows 733821.38 to 733846.38.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Rows 733846.38 to 733846.38.

733846.38 4054281.50 26.21717 (13020509) 733846.38 4054306.50 25.70439 (13020509)
733846.38 4054331.50 25.14875 (13020509) 733846.38 4054356.50 24.84239 (12021409)
733846.38 4054381.50 24.82264 (12021409) 733846.38 4054406.50 24.76339 (12021409)
733846.38 4054431.50 24.66338 (12021409) 733846.38 4054456.50 24.52212 (12021409)
733846.38 4054481.50 24.33974 (12021409) 733846.38 4054506.50 24.13345 (12021409)
733846.38 4054531.50 23.90361 (12021409) 733846.38 4054556.50 23.64821 (12021409)
733846.38 4054581.50 23.37005 (12021409) 733846.38 4054606.50 23.06208 (12021409)
733846.38 4054631.50 22.74495 (12021409) 733846.38 4054656.50 22.41225 (12021409)
733846.38 4054681.50 22.06237 (12021409) 733846.38 4054706.50 21.69722 (12021409)
733846.38 4054731.50 21.31659 (12021409) 733846.38 4054756.50 20.91665 (12021409)
733846.38 4054781.50 20.50382 (12021409) 733846.38 4054806.50 20.07867 (12021409)
733846.38 4054831.50 19.64289 (12021409) 733846.38 4054856.50 19.19459 (12021409)
733846.38 4054881.50 18.73437 (12021409) 733846.38 4054906.50 18.26167 (12021409)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists concentration data for discrete Cartesian receptor points, including source group information.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
PAGE 451

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists concentration data for discrete Cartesian receptor points, including source group information.

731021.38 4055431.50 7.30813c (13121109) 731021.38 4055481.50 7.71447c (13121109)
731071.38 4055381.50 7.53966c (13121109) 731071.38 4055431.50 7.94974c (13121109)
731071.38 4055481.50 8.27187c (13121109) 731121.38 4055381.50 8.19500c (13121109)
731121.38 4055431.50 8.51507c (13121109) 731121.38 4055481.50 8.73375c (13121109)
731171.38 4055381.50 8.76836c (13121109) 731171.38 4055431.50 8.97920c (13121109)
731171.38 4055481.50 9.07903c (13121109) 731221.38 4055381.50 9.23418c (13121109)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists receptor points and their corresponding concentrations for various source groups.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists receptor points and their corresponding concentrations for various source groups.

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
733871.38	4055481.50	7.49154	(12021409)	733921.38	4055381.50	11.03892	(12021409)
733921.38	4055431.50	10.07918	(12021409)	733921.38	4055481.50	9.14489	(12021409)
733971.38	4055381.50	12.61744	(12021409)	733971.38	4055431.50	11.68724	(12021409)
733971.38	4055481.50	10.76219	(12021409)	734021.38	4055381.50	14.01368	(12021409)
734021.38	4055431.50	13.14832	(12021409)	734021.38	4055481.50	12.26979	(12021409)
733921.38	4055331.50	12.01639	(12021409)	733921.38	4055281.50	13.00114	(12021409)
733921.38	4055231.50	13.97855	(12021409)	733921.38	4055181.50	14.94304	(12021409)
733921.38	4055131.50	15.88453	(12021409)	733921.38	4055081.50	16.79411	(12021409)
733921.38	4055031.50	17.67408	(12021409)	733921.38	4054981.50	18.50195	(12021409)
733921.38	4054931.50	19.27815	(12021409)	733921.38	4054881.50	20.00226	(12021409)
733921.38	4054831.50	20.66597	(12021409)	733921.38	4054781.50	21.25517	(12021409)
733921.38	4054731.50	21.76982	(12021409)	733921.38	4054681.50	22.19918	(12021409)
733921.38	4054631.50	22.51864	(12021409)	733921.38	4054581.50	22.71952	(12021409)
733921.38	4054531.50	22.77776	(12021409)	733921.38	4054481.50	22.65543	(12021409)
733921.38	4054431.50	23.39051	(13020509)	733921.38	4054381.50	24.20315	(13020509)
733921.38	4054331.50	24.81825	(13020509)	733921.38	4054281.50	25.14393	(13020509)
733921.38	4054231.50	25.14388	(13020509)	733921.38	4054181.50	24.78316	(13020509)
733921.38	4054131.50	24.02520	(13020509)	733921.38	4054081.50	26.06241	(14011509)
733921.38	4054031.50	28.07485	(14011509)	733921.38	4053981.50	29.43718	(14011509)
733921.38	4053931.50	29.93750	(14011509)	733921.38	4053881.50	29.57926	(14011509)
733921.38	4053831.50	28.55891	(14011509)	733921.38	4053781.50	27.10155	(14011509)
733921.38	4053731.50	28.05925c	(12012509)	733921.38	4053681.50	29.89635c	(12012509)
733921.38	4053631.50	30.41762c	(12012509)	733921.38	4053581.50	30.53812c	(12012509)
733921.38	4053531.50	30.54198c	(12012509)	733921.38	4053481.50	30.47444c	(12012509)
733921.38	4053431.50	30.21848c	(12012509)	733921.38	4053381.50	29.55557c	(12012509)
733921.38	4053331.50	28.30298c	(12012509)	733921.38	4053281.50	26.15154c	(12012509)
733921.38	4053231.50	25.69111	(14012209)	733921.38	4053181.50	26.59463	(14012209)
733921.38	4053131.50	27.04426	(14012209)	733921.38	4053081.50	27.26995	(14012209)
733921.38	4053031.50	27.39721	(14012209)	733921.38	4052981.50	27.48242	(14012209)
733921.38	4052931.50	27.47714	(14012209)	733921.38	4052881.50	26.88827	(14012209)
733921.38	4052831.50	24.41270	(14012209)	733921.38	4052781.50	22.57542c	(12010809)
733921.38	4052731.50	22.63493c	(12010809)	733921.38	4052681.50	21.81566c	(12010809)
733921.38	4052631.50	19.98806c	(12010809)	733921.38	4052581.50	18.80368	(14010709)
733921.38	4052531.50	19.74529	(14010709)	733921.38	4052481.50	20.37832	(14010709)
733921.38	4052431.50	20.65292	(14010709)	733921.38	4052381.50	20.55993	(14010709)
733921.38	4052331.50	20.13886	(14010709)	733921.38	4052281.50	19.45737	(14010709)
733921.38	4052231.50	18.59128	(14010709)	733921.38	4052181.50	17.59929	(14010709)
733971.38	4055331.50	13.54666	(12021409)	733971.38	4055281.50	14.46244	(12021409)
733971.38	4055231.50	15.35307	(12021409)	733971.38	4055181.50	16.21369	(12021409)
733971.38	4055131.50	17.03652	(12021409)	733971.38	4055081.50	17.82238	(12021409)

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
733971.38	4055031.50	18.55018	(12021409)	733971.38	4054981.50	19.22085	(12021409)
733971.38	4054931.50	19.82755	(12021409)	733971.38	4054881.50	20.37322	(12021409)
733971.38	4054831.50	20.82940	(12021409)	733971.38	4054781.50	21.19557	(12021409)
733971.38	4054731.50	21.46591	(12021409)	733971.38	4054681.50	21.60825	(12021409)
733971.38	4054631.50	21.61000	(12021409)	733971.38	4054581.50	21.46424	(12021409)
733971.38	4054531.50	21.77393	(13020509)	733971.38	4054481.50	22.57253	(13020509)
733971.38	4054431.50	23.18641	(13020509)	733971.38	4054381.50	23.56431	(13020509)
733971.38	4054331.50	23.67585	(13020509)	733971.38	4054281.50	23.45923	(13020509)
733971.38	4054231.50	22.91760	(13020509)	733971.38	4054181.50	22.46279	(14011509)
733971.38	4054131.50	24.69345	(14011509)	733971.38	4054081.50	26.52537	(14011509)
733971.38	4054031.50	27.80657	(14011509)	733971.38	4053981.50	28.33385	(14011509)
733971.38	4053931.50	28.08166	(14011509)	733971.38	4053881.50	27.18435	(14011509)
733971.38	4053831.50	25.83253	(14011509)	733971.38	4053781.50	25.38141	(12011909)
733971.38	4053731.50	27.50855c	(12012509)	733971.38	4053681.50	28.80705c	(12012509)
733971.38	4053631.50	29.14943c	(12012509)	733971.38	4053581.50	29.23036c	(12012509)
733971.38	4053531.50	29.21957c	(12012509)	733971.38	4053481.50	29.04499c	(12012509)
733971.38	4053431.50	28.64952c	(12012509)	733971.38	4053381.50	27.80676c	(12012509)
733971.38	4053331.50	26.25828c	(12012509)	733971.38	4053281.50	23.76675c	(12012509)
733971.38	4053231.50	24.11960	(14012209)	733971.38	4053181.50	25.20049	(14012209)
733971.38	4053131.50	25.76789	(14012209)	733971.38	4053081.50	26.02603	(14012209)
733971.38	4053031.50	26.17275	(14012209)	733971.38	4052981.50	26.25793	(14012209)
733971.38	4052931.50	26.26459	(14012209)	733971.38	4052881.50	25.83440	(14012209)
733971.38	4052831.50	23.95884	(14012209)	733971.38	4052781.50	21.16862c	(12010809)
733971.38	4052731.50	21.53822c	(12010809)	733971.38	4052681.50	21.30375c	(12010809)
733971.38	4052631.50	20.18222c	(12010809)	733971.38	4052581.50	18.25886c	(12010809)
733971.38	4052531.50	17.18643	(14010709)	733971.38	4052481.50	18.11927	(14010709)
733971.38	4052431.50	18.79574	(14010709)	733971.38	4052381.50	19.17395	(14010709)
733971.38	4052331.50	19.23365	(14010709)	733971.38	4052281.50	18.99190	(14010709)
733971.38	4052231.50	18.49387	(14010709)	733971.38	4052181.50	17.79775	(14010709)
734021.38	4055331.50	14.86178	(12021409)	734021.38	4055281.50	15.67844	(12021409)
734021.38	4055231.50	16.45600	(12021409)	734021.38	4055181.50	17.18915	(12021409)
734021.38	4055131.50	17.87560	(12021409)	734021.38	4055081.50	18.50512	(12021409)
734021.38	4055031.50	19.06599	(12021409)	734021.38	4054981.50	19.55527	(12021409)
734021.38	4054931.50	19.96849	(12021409)	734021.38	4054881.50	20.29132	(12021409)
734021.38	4054831.50	20.50636	(12021409)	734021.38	4054781.50	20.60921	(12021409)
734021.38	4054731.50	20.57993	(12021409)	734021.38	4054681.50	20.39627	(12021409)
734021.38	4054631.50	20.33452	(13020509)	734021.38	4054581.50	21.11608	(13020509)
734021.38	4054531.50	21.73075	(13020509)	734021.38	4054481.50	22.15872	(13020509)
734021.38	4054431.50	22.33704	(13020509)	734021.38	4054381.50	22.25274	(13020509)
734021.38	4054331.50	21.87117	(13020509)	734021.38	4054281.50	21.18723	(13020509)

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734021.38	4054231.50	21.36616	(14011509)	734021.38	4054181.50	23.43842	(14011509)
734021.38	4054131.50	25.17859	(14011509)	734021.38	4054081.50	26.35274	(14011509)
734021.38	4054031.50	26.89274	(14011509)	734021.38	4053981.50	26.72757	(14011509)
734021.38	4053931.50	25.93577	(14011509)	734021.38	4053881.50	24.67846	(14011509)
734021.38	4053831.50	23.23675	(12011909)	734021.38	4053781.50	24.79496	(12011909)
734021.38	4053731.50	26.84441c	(12012509)	734021.38	4053681.50	27.77695c	(12012509)
734021.38	4053631.50	28.01737c	(12012509)	734021.38	4053581.50	28.04012c	(12012509)
734021.38	4053531.50	27.97284c	(12012509)	734021.38	4053481.50	27.72905c	(12012509)
734021.38	4053431.50	27.14669c	(12012509)	734021.38	4053381.50	26.07284c	(12012509)
734021.38	4053331.50	24.25111c	(12012509)	734021.38	4053281.50	22.98055	(14122809)
734021.38	4053231.50	23.08697	(14122809)	734021.38	4053181.50	23.87660	(14012209)
734021.38	4053131.50	24.56412	(14012209)	734021.38	4053081.50	24.91350	(14012209)
734021.38	4053031.50	25.07160	(14012209)	734021.38	4052981.50	25.16347	(14012209)
734021.38	4052931.50	25.17982	(14012209)	734021.38	4052881.50	24.85805	(14012209)
734021.38	4052831.50	23.43312	(14012209)	734021.38	4052781.50	20.18336	(14012209)
734021.38	4052731.50	20.36436c	(12010809)	734021.38	4052681.50	20.51810c	(12010809)
734021.38	4052631.50	19.98535c	(12010809)	734021.38	4052581.50	18.65867c	(12010809)
734021.38	4052531.50	16.70246c	(12010809)	734021.38	4052481.50	15.75957	(14010709)
734021.38	4052431.50	16.67690	(14010709)	734021.38	4052381.50	17.38202	(14010709)
734021.38	4052331.50	17.83354	(14010709)	734021.38	4052281.50	18.01034	(14010709)
734021.38	4052231.50	17.91402	(14010709)	734021.38	4052181.50	17.57314	(14010709)
733871.38	4052281.50	19.41203	(14010709)	733871.38	4052231.50	18.25951	(14010709)
733871.38	4052181.50	17.05023	(14010709)	733821.38	4052281.50	18.94446	(14010709)
733821.38	4052231.50	17.59067	(14010709)	733821.38	4052181.50	16.22555	(14010709)
733771.38	4052281.50	18.16124	(14010709)	733771.38	4052231.50	16.65972	(14010709)
733771.38	4052181.50	15.83181c	(12123009)	733721.38	4052281.50	18.52130c	(12123009)
733721.38	4052231.50	18.70246c	(12123009)	733721.38	4052181.50	18.75812c	(12123009)
733671.38	4052281.50	21.28178c	(12123009)	733671.38	4052231.50	20.97315c	(12123009)
733671.38	4052181.50	20.61977c	(12123009)	733621.38	4052281.50	22.72454c	(12123009)
733621.38	4052231.50	22.10460c	(12123009)	733621.38	4052181.50	21.51126c	(12123009)
733571.38	4052281.50	23.25455c	(12123009)	733571.38	4052231.50	22.51166c	(12123009)
733571.38	4052181.50	21.82153c	(12123009)	733521.38	4052281.50	23.38623c	(12123009)
733521.38	4052231.50	22.60519c	(12123009)	733521.38	4052181.50	21.87692c	(12123009)
733471.38	4052281.50	23.38460c	(12123009)	733471.38	4052231.50	22.57271c	(12123009)
733471.38	4052181.50	21.80863c	(12123009)	733421.38	4052281.50	23.29235c	(12123009)
733421.38	4052231.50	22.42923c	(12123009)	733421.38	4052181.50	21.60029c	(12123009)
733371.38	4052281.50	23.03968c	(12123009)	733371.38	4052231.50	22.08490c	(12123009)
733371.38	4052181.50	21.15366c	(12123009)	733321.38	4052281.50	22.48906c	(12123009)
733321.38	4052231.50	21.39097c	(12123009)	733321.38	4052181.50	20.30565c	(12123009)
733271.38	4052281.50	21.44188c	(12123009)	733271.38	4052231.50	20.14905c	(12123009)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733271.38	4052181.50	18.86520c	(12123009)	733221.38	4052281.50	19.88035	(14010409)
733221.38	4052231.50	19.21643	(14010409)	733221.38	4052181.50	18.60657	(14010409)
733171.38	4052281.50	19.90196	(14010409)	733171.38	4052231.50	19.23739	(14010409)
733171.38	4052181.50	18.62395	(14010409)	733121.38	4052281.50	19.90206	(14010409)
733121.38	4052231.50	19.23242	(14010409)	733121.38	4052181.50	18.61432	(14010409)
733071.38	4052281.50	20.73862	(13011209)	733071.38	4052231.50	19.67754	(13011209)
733071.38	4052181.50	18.63984	(13011209)	733021.38	4052281.50	21.47897	(13011209)
733021.38	4052231.50	20.54952	(13011209)	733021.38	4052181.50	19.64454	(13011209)
732971.38	4052281.50	21.86499	(13011209)	732971.38	4052231.50	21.02249	(13011209)
732971.38	4052181.50	20.21698	(13011209)	732921.38	4052281.50	22.04498	(13011209)
732921.38	4052231.50	21.25771	(13011209)	732921.38	4052181.50	20.51182	(13011209)
732871.38	4052281.50	22.11997	(13011209)	732871.38	4052231.50	21.35680	(13011209)
732871.38	4052181.50	20.64610	(13011209)	732821.38	4052281.50	22.08245	(13011209)
732821.38	4052231.50	21.34437	(13011209)	732821.38	4052181.50	20.65885	(13011209)
732771.38	4052281.50	22.79452	(14021509)	732771.38	4052231.50	21.48398	(14021509)
732771.38	4052181.50	20.44311	(13011209)	732721.38	4052281.50	23.46651	(14021509)
732721.38	4052231.50	22.32287	(14021509)	732721.38	4052181.50	21.16898	(14021509)
732671.38	4052281.50	23.82977	(14021509)	732671.38	4052231.50	22.83323	(14021509)
732671.38	4052181.50	21.83153	(14021509)	732621.38	4052281.50	23.81630	(14021509)
732621.38	4052231.50	23.01118	(14021509)	732621.38	4052181.50	22.17334	(14021509)
732571.38	4052281.50	23.16857	(14021509)	732571.38	4052231.50	22.70075	(14021509)
732571.38	4052181.50	22.11744	(14021509)	732521.38	4052281.50	21.92026	(12012209)
732521.38	4052231.50	21.64608	(14021509)	732521.38	4052181.50	21.46413	(14021509)
732471.38	4052281.50	21.44523	(12012209)	732471.38	4052231.50	20.97575	(12012209)
732471.38	4052181.50	20.28929	(12012209)	732421.38	4052281.50	20.21336	(12012209)
732421.38	4052231.50	20.25930	(12012209)	732421.38	4052181.50	20.00758	(12012209)
732371.38	4052281.50	18.32570	(12012209)	732371.38	4052231.50	18.85867	(12012209)
732371.38	4052181.50	19.09977	(12012209)	732321.38	4052281.50	16.05261	(12012209)
732321.38	4052231.50	16.79695	(12012209)	732321.38	4052181.50	17.51901	(12012209)
732271.38	4052281.50	15.27875	(13121909)	732271.38	4052231.50	14.50266	(12012209)
732271.38	4052181.50	15.48425	(12012209)	732221.38	4052281.50	15.63983	(13121909)
732221.38	4052231.50	14.63576	(13121909)	732221.38	4052181.50	13.35598	(13121909)
732171.38	4052281.50	15.54286	(13121909)	732171.38	4052231.50	14.99610	(13121909)
732171.38	4052181.50	14.04668	(13121909)	732121.38	4052281.50	15.01846	(13121909)
732121.38	4052231.50	14.93011	(13121909)	732121.38	4052181.50	14.40202	(13121909)
732071.38	4052281.50	14.17865	(13121909)	732071.38	4052231.50	14.46497	(13121909)
732071.38	4052181.50	14.36507	(13121909)	732021.38	4052281.50	13.14118	(13121909)
732021.38	4052231.50	13.69578	(13121909)	732021.38	4052181.50	13.95453	(13121909)
731971.38	4052281.50	12.15206	(13120109)	731971.38	4052231.50	12.72437	(13121909)
731971.38	4052181.50	13.24813	(13121909)	731921.38	4052281.50	12.18736	(13120109)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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731921.38	4052231.50	11.63448	(13121909)	731921.38	4052181.50	12.33807	(13121909)
731871.38	4052281.50	12.04400	(13120109)	731871.38	4052231.50	11.68715	(13120109)
731821.38	4052181.50	11.30421	(13121909)	731821.38	4052281.50	11.75464	(13120109)
731821.38	4052231.50	11.62957	(13120109)	731821.38	4052181.50	11.19237	(13120109)
731771.38	4052281.50	11.35156	(13120109)	731771.38	4052231.50	11.41732	(13120109)
731771.38	4052181.50	11.21486	(13120109)	731721.38	4052281.50	10.85264	(13120109)
731721.38	4052231.50	11.08485	(13120109)	731721.38	4052181.50	11.07803	(13120109)
731671.38	4052281.50	10.28268	(13120109)	731671.38	4052231.50	10.65190	(13120109)
731671.38	4052181.50	10.81425	(13120109)	731621.38	4052281.50	9.64766	(13120109)
731621.38	4052231.50	10.13623	(13120109)	731621.38	4052181.50	10.44390	(13120109)
731571.38	4052281.50	8.96119	(13120109)	731571.38	4052231.50	9.55411	(13120109)
731571.38	4052181.50	9.98675	(13120109)	731521.38	4052281.50	8.23332	(13120109)
731521.38	4052231.50	8.91722	(13120109)	731521.38	4052181.50	9.45710	(13120109)
731471.38	4052281.50	8.35301	(12112809)	731471.38	4052231.50	8.23600	(13120109)
731471.38	4052181.50	8.86894	(13120109)	731421.38	4052281.50	8.75184	(12112809)
731421.38	4052231.50	7.51911	(13120109)	731421.38	4052181.50	8.23238	(13120109)
731371.38	4052281.50	9.10001	(12112809)	731371.38	4052231.50	7.73856	(12112809)
731371.38	4052181.50	7.55566	(13120109)	731321.38	4052281.50	9.39442	(12112809)
731321.38	4052231.50	8.13417	(12112809)	731321.38	4052181.50	6.85350	(13120109)
731271.38	4052281.50	9.63857	(12112809)	731271.38	4052231.50	8.48398	(12112809)
731271.38	4052181.50	7.18760	(12112809)	731221.38	4052281.50	9.82483	(12112809)
731221.38	4052231.50	8.78062	(12112809)	731221.38	4052181.50	7.57445	(12112809)
731171.38	4052281.50	9.95827	(12112809)	731171.38	4052231.50	9.02470	(12112809)
731171.38	4052181.50	7.91391	(12112809)	731121.38	4052281.50	10.06297	(12112809)
731121.38	4052231.50	9.23932	(12112809)	731121.38	4052181.50	8.22255	(12112809)
731071.38	4052281.50	10.12532	(12112809)	731071.38	4052231.50	9.41226	(12112809)
731071.38	4052181.50	8.49386	(12112809)	731021.38	4052281.50	10.14345	(12112809)
731021.38	4052231.50	9.53841	(12112809)	731021.38	4052181.50	8.72134	(12112809)
730971.38	4052281.50	10.12116	(12112809)	730971.38	4052231.50	9.61953	(12112809)
730971.38	4052181.50	8.90436	(12112809)	730921.38	4052281.50	10.06136	(12112809)
730921.38	4052231.50	9.66264	(12112809)	730921.38	4052181.50	9.04546	(12112809)
730871.38	4052281.50	9.97346	(12112809)	730871.38	4052231.50	9.66760	(12112809)
730871.38	4052181.50	9.14756	(12112809)	730821.38	4052281.50	9.85040	(12112809)
730821.38	4052231.50	9.63826	(12112809)	730821.38	4052181.50	9.21225	(12112809)
730771.38	4052281.50	9.70237	(12112809)	730771.38	4052231.50	9.57708	(12112809)
730771.38	4052181.50	9.24225	(12112809)	730721.38	4052281.50	9.53009	(12112809)
730721.38	4052231.50	9.48365	(12112809)	730721.38	4052181.50	9.23608	(12112809)
730821.38	4052331.50	9.85764	(12112809)	730821.38	4052381.50	9.66232	(12112809)
730821.38	4052431.50	9.62231	(12121309)	730821.38	4052481.50	10.08722	(12121309)
730821.38	4052531.50	10.31880	(12121309)	730821.38	4052581.50	10.38056	(12121309)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)
730821.38	4052631.50	10.30340 (12121309)	730821.38	4052681.50	10.16968 (14012409)
730821.38	4052731.50	10.52706 (14012409)	730821.38	4052781.50	10.64797 (14012409)
730821.38	4052831.50	10.60673 (14012409)	730821.38	4052881.50	11.58600 (14012109)
730821.38	4052931.50	12.62371c (14012109)	730821.38	4052981.50	13.28432c (14012109)
730821.38	4053031.50	13.43145c (14012109)	730821.38	4053081.50	13.62689c (14012109)
730821.38	4053131.50	13.56883c (14012109)	730821.38	4053181.50	13.25605c (14012109)
730821.38	4053231.50	12.66988c (14012109)	730821.38	4053281.50	12.32474 (12011409)
730821.38	4053331.50	13.31434 (12011409)	730821.38	4053381.50	14.07946 (12011409)
730821.38	4053431.50	14.60227 (12011409)	730821.38	4053481.50	14.85107 (12011409)
730821.38	4053531.50	14.80565 (12011409)	730821.38	4053581.50	14.44683 (12011409)
730821.38	4053631.50	13.77247 (12011409)	730821.38	4053681.50	12.80921 (12011409)
730821.38	4053731.50	11.60493 (12011409)	730821.38	4053781.50	10.42278 (13010909)
730821.38	4053831.50	10.50262 (12020309)	730821.38	4053881.50	10.84975 (12020309)
730821.38	4053931.50	10.98012 (12020309)	730821.38	4053981.50	10.89045 (12020309)
730821.38	4054031.50	10.53640 (12020309)	730821.38	4054081.50	9.93746 (12020309)
730821.38	4054131.50	9.46637 (12010909)	730821.38	4054181.50	9.91734c (12011509)
730821.38	4054231.50	10.61776c (12011509)	730821.38	4054281.50	11.13058c (12011509)
730821.38	4054331.50	11.42873c (12011509)	730821.38	4054381.50	11.48836c (12011509)
730821.38	4054431.50	11.29919c (12011509)	730821.38	4054481.50	10.86451c (12011509)
730821.38	4054531.50	10.20493c (12011509)	730821.38	4054581.50	9.36304c (12011509)
730821.38	4054631.50	8.39124c (12011509)	730821.38	4054681.50	7.52426c (12012409)
730821.38	4054731.50	8.18156 (14011309)	730821.38	4054781.50	8.93053 (14011309)
730821.38	4054831.50	9.56799 (14011309)	730821.38	4054881.50	10.06607 (14011309)
730821.38	4054931.50	10.40379 (14011309)	730821.38	4054981.50	10.56716 (14011309)
730821.38	4055031.50	10.54991 (14011309)	730821.38	4055081.50	10.35512 (14011309)
730821.38	4055131.50	9.99493 (14011309)	730821.38	4055181.50	9.48868 (14011309)
730821.38	4055231.50	8.86216 (14011309)	730821.38	4055281.50	8.14497 (14011309)
730821.38	4055331.50	7.47545 (12110609)	730821.38	4055381.50	7.24798 (12110609)
730821.38	4055431.50	6.90813 (12110609)	730821.38	4055481.50	6.47030 (12110609)
730771.38	4052331.50	9.62749 (12112809)	730771.38	4052381.50	9.36121 (12112809)
730771.38	4052431.50	9.62224 (12121309)	730771.38	4052481.50	10.01268 (12121309)
730771.38	4052531.50	10.19305 (12121309)	730771.38	4052581.50	10.21331 (12121309)
730771.38	4052631.50	10.09696 (12121309)	730771.38	4052681.50	10.09967 (14012409)
730771.38	4052731.50	10.40830 (14012409)	730771.38	4052781.50	10.49660 (14012409)
730771.38	4052831.50	10.42906 (14012409)	730771.38	4052881.50	11.46842c (14012109)
730771.38	4052931.50	12.46685c (14012109)	730771.38	4052981.50	13.10306c (14012109)
730771.38	4053031.50	13.45160c (14012109)	730771.38	4053081.50	13.39722c (14012109)
730771.38	4053131.50	13.32196c (14012109)	730771.38	4053181.50	12.99151c (14012109)
730771.38	4053231.50	12.38908c (14012109)	730771.38	4053281.50	11.99170 (12011409)
730771.38	4053331.50	12.97219 (12011409)	730771.38	4053381.50	13.73758 (12011409)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)
730771.38	4053431.50	14.26742 (12011409)	730771.38	4053481.50	14.53328 (12011409)
730771.38	4053531.50	14.51488 (12011409)	730771.38	4053581.50	14.19556 (12011409)
730771.38	4053631.50	13.57138 (12011409)	730771.38	4053681.50	12.66509 (12011409)
730771.38	4053731.50	11.52096 (12011409)	730771.38	4053781.50	10.21571 (13010909)
730771.38	4053831.50	10.25646 (13010909)	730771.38	4053881.50	10.58249 (12020309)
730771.38	4053931.50	10.77148 (12020309)	730771.38	4053981.50	10.73757 (12020309)

730771.38	4054031.50	10.46685	(12020309)	730771.38	4054081.50	9.94879	(12020309)
730771.38	4054131.50	9.18717	(12020309)	730771.38	4054181.50	9.54956	(12010909)
730771.38	4054231.50	10.10966c	(12011509)	730771.38	4054281.50	10.69627c	(12011509)
730771.38	4054331.50	11.08544c	(12011509)	730771.38	4054381.50	11.25214c	(12011509)
730771.38	4054431.50	11.18036c	(12011509)	730771.38	4054481.50	10.86678c	(12011509)
730771.38	4054531.50	10.32442c	(12011509)	730771.38	4054581.50	9.58696c	(12011509)
730771.38	4054631.50	8.69861c	(12011509)	730771.38	4054681.50	7.71270c	(12011509)
730771.38	4054731.50	7.55602c	(12012409)	730771.38	4054781.50	8.22507	(14011309)
730771.38	4054831.50	8.92542	(14011309)	730771.38	4054881.50	9.51010	(14011309)
730771.38	4054931.50	9.95482	(14011309)	730771.38	4054981.50	10.24039	(14011309)
730771.38	4055031.50	10.35464	(14011309)	730771.38	4055081.50	10.29454	(14011309)
730771.38	4055131.50	10.06545	(14011309)	730771.38	4055181.50	9.68089	(14011309)
730771.38	4055231.50	9.16092	(14011309)	730771.38	4055281.50	8.53019	(14011309)
730771.38	4055331.50	7.81892	(14011309)	730771.38	4055381.50	7.38863	(12110609)
730771.38	4055431.50	7.15134	(12110609)	730771.38	4055481.50	6.80854	(12110609)
730721.38	4052331.50	9.37555	(12112809)	730721.38	4052381.50	9.04135	(12112809)
730721.38	4052431.50	9.60380	(12121309)	730721.38	4052481.50	9.92729	(12121309)
730721.38	4052531.50	10.05899	(12121309)	730721.38	4052581.50	10.04177	(12121309)
730721.38	4052631.50	9.88138	(12121309)	730721.38	4052681.50	10.02368	(14012409)
730721.38	4052731.50	10.28665	(14012409)	730721.38	4052781.50	10.34436	(14012409)
730721.38	4052831.50	10.25095	(14012409)	730721.38	4052881.50	11.35411c	(14012109)
730721.38	4052931.50	12.31529c	(14012109)	730721.38	4052981.50	12.92767c	(14012109)
730721.38	4053031.50	13.26102c	(14012109)	730721.38	4053081.50	13.37885c	(14012109)
730721.38	4053131.50	13.08044c	(14012109)	730721.38	4053181.50	12.73304c	(14012109)
730721.38	4053231.50	12.11639c	(14012109)	730721.38	4053281.50	11.67147	(12011409)
730721.38	4053331.50	12.64249	(12011409)	730721.38	4053381.50	13.40659	(12011409)
730721.38	4053431.50	13.94293	(12011409)	730721.38	4053481.50	14.22349	(12011409)
730721.38	4053531.50	14.23182	(12011409)	730721.38	4053581.50	13.94828	(12011409)
730721.38	4053631.50	13.37099	(12011409)	730721.38	4053681.50	12.51915	(12011409)
730721.38	4053731.50	11.43411	(12011409)	730721.38	4053781.50	10.18028	(12011409)
730721.38	4053831.50	10.08982	(13010909)	730721.38	4053881.50	10.30614	(12020309)
730721.38	4053931.50	10.55228	(12020309)	730721.38	4053981.50	10.58128	(12020309)
730721.38	4054031.50	10.38047	(12020309)	730721.38	4054081.50	9.93940	(12020309)
730721.38	4054131.50	9.25978	(12020309)	730721.38	4054181.50	9.20089	(12010909)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

 730721.38 4054231.50 9.59011c (12011509) 730721.38 4054281.50 10.24053c (12011509)
 730721.38 4054331.50 10.71124c (12011509) 730721.38 4054381.50 10.97476c (12011509)
 730721.38 4054431.50 11.01283c (12011509) 730721.38 4054481.50 10.81506c (12011509)
 730721.38 4054531.50 10.38913c (12011509) 730721.38 4054581.50 9.75824c (12011509)
 730721.38 4054631.50 8.96028c (12011509) 730721.38 4054681.50 8.04373c (12011509)
 730721.38 4054731.50 7.06130c (12011509) 730721.38 4054781.50 7.57204c (12012409)
 730721.38 4054831.50 8.25521 (14011309) 730721.38 4054881.50 8.90793 (14011309)
 730721.38 4054931.50 9.44219 (14011309) 730721.38 4054981.50 9.83511 (14011309)
 730721.38 4055031.50 10.05993 (14011309) 730721.38 4055081.50 10.13861 (14011309)
 730721.38 4055131.50 10.03950 (14011309) 730721.38 4055181.50 9.77952 (14011309)
 730721.38 4055231.50 9.37290 (14011309) 730721.38 4055281.50 8.84178 (14011309)
 730721.38 4055331.50 8.21015 (14011309) 730721.38 4055381.50 7.50615 (14011309)
 730721.38 4055431.50 7.30301 (12110609) 730721.38 4055481.50 7.05527 (12110609)
 730721.38 4055564.75 6.42075 (12110609) 730721.38 4055648.25 5.56320 (12110609)
 730721.38 4055731.50 6.10807c (13121109) 730820.00 4055564.75 5.85263c (13121109)
 730820.00 4055648.25 6.59610c (13121109) 730820.00 4055731.50 7.17269c (13121109)
 730918.63 4055648.25 7.11421c (13121109) 730918.63 4055648.25 7.66050c (13121109)
 730918.63 4055731.50 7.97194c (13121109) 731017.19 4055564.75 8.16509c (13121109)
 731017.19 4055648.25 8.40430c (13121109) 731017.19 4055731.50 8.37289c (13121109)
 731115.81 4055648.25 8.83835c (13121109) 731115.81 4055648.25 8.69904c (13121109)
 731115.81 4055731.50 8.29820c (13121109) 731214.44 4055564.75 9.00884c (13121109)
 731214.44 4055648.25 8.48047c (13121109) 731214.44 4055731.50 7.74568c (13121109)
 731313.06 4055648.25 8.63317c (13121109) 731313.06 4055648.25 7.77294c (13121109)
 731313.06 4055731.50 7.09820m (12020209) 731411.63 4055564.75 7.76444c (13121109)
 731411.63 4055648.25 7.77496m (12020209) 731411.63 4055731.50 7.97614m (12020209)
 731510.25 4055648.25 8.42144m (12020209) 731510.25 4055648.25 8.47544m (12020209)
 731510.25 4055731.50 8.32764m (12020209) 731608.88 4055564.75 8.89495m (12020209)
 731608.88 4055648.25 8.57571m (12020209) 731608.88 4055731.50 8.08689m (12020209)
 731707.50 4055648.25 8.71458m (12020209) 731707.50 4055648.25 8.06124m (12020209)
 731707.50 4055731.50 7.29980m (12020209) 731806.13 4055564.75 7.92287m (12020209)
 731806.13 4055648.25 7.03004m (12020209) 731806.13 4055731.50 6.10207m (12020209)
 731904.69 4055648.25 6.66146m (12020209) 731904.69 4055648.25 5.65051m (12020209)
 731904.69 4055731.50 4.68215m (12020209) 732003.31 4055564.75 5.12718m (12020209)
 732003.31 4055648.25 4.13324m (12020209) 732003.31 4055731.50 3.82102 (14012609)
 732101.94 4055648.25 4.15373 (14012609) 732101.94 4055648.25 4.05457 (14012609)
 732101.94 4055731.50 3.92064 (14012609) 732200.56 4055564.75 4.19971 (14012609)
 732200.56 4055648.25 3.99594 (14012609) 732200.56 4055731.50 3.77184 (14012609)
 732299.13 4055648.25 4.74422m (12013009) 732299.13 4055648.25 4.93403m (12013009)
 732299.13 4055731.50 5.09134m (12013009) 732397.75 4055564.75 6.17169m (12013009)
 732397.75 4055648.25 6.21660m (12013009) 732397.75 4055731.50 6.23270m (12013009)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

 732496.38 4055648.25 7.07953m (12013009) 732496.38 4055648.25 6.97367m (12013009)
 732496.38 4055731.50 6.85019m (12013009) 732595.00 4055564.75 7.37315m (12013009)
 732595.00 4055648.25 7.14265m (12013009) 732595.00 4055731.50 6.90156m (12013009)
 732693.63 4055648.25 7.09749m (12013009) 732693.63 4055648.25 6.75989m (12013009)
 732693.63 4055731.50 6.41844m (12013009) 732792.19 4055564.75 6.27492m (12013009)
 732792.19 4055648.25 6.03780m (12022109) 732792.19 4055731.50 5.88613m (12022109)
 732890.81 4055564.75 7.02938 (13021209) 732890.81 4055648.25 6.85666 (13021209)
 732890.81 4055731.50 6.69305 (13021209) 732899.44 4055564.75 7.41716 (13021209)
 732989.44 4055648.25 7.21011 (13021209) 732989.44 4055731.50 7.01056 (13021209)
 733088.06 4055648.25 7.26538 (13021209) 733088.06 4055648.25 7.02657 (13021209)
 733088.06 4055731.50 6.79723 (13021209) 733186.63 4055564.75 6.86734 (14120609)
 733186.63 4055648.25 6.52881 (14120609) 733186.63 4055731.50 6.20924 (14120609)
 733285.25 4055564.75 7.83255 (14120609) 733285.25 4055648.25 7.52410 (14120609)

Table with columns for coordinates (X, Y) and concentrations (CONC) for various receptor points. Includes data for models AERMOD and AERMET.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of receptor point data.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC Elev Rural Adj_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains two columns of receptor point data.

Table with 7 columns: ID1, ID2, Value1, Value2, Value3, Value4, Value5. Rows range from 733035.25 to 731753.31.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of data for receptor points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** ** 11:56:46
PAGE 466

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of data for receptor points.

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 730471.38 to 731426.94.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 467

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731665.81 to 732838.06.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* PAGE 468

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 732599.13 to 730938.06.

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731421.38 4056731.50 2.60636c (12010209) 731421.38 4057231.50 2.44948c (12120409)
731904.69 4056731.50 2.49591m (12013009) 731904.69 4057231.50 3.25002m (12013009)
732388.06 4056731.50 4.92781m (12013009) 732388.06 4057231.50 3.76499m (12013009)
732871.38 4056731.50 5.08188 (13021209) 732871.38 4057231.50 4.49689 (13021209)
733354.69 4056731.50 4.98094 (14120609) 733354.69 4057231.50 4.00796 (14120609)
733838.06 4056731.50 6.85894 (13020109) 733838.06 4057231.50 6.34127 (13020109)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** *** 11:56:46
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* *** PAGE 469

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*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
734321.38 4056731.50 3.83049 (12121209) 734321.38 4057231.50 3.61349 (12121209)
734804.69 4056731.50 11.25229 (12021409) 734804.69 4057231.50 7.23635 (12021409)
735288.06 4056731.50 7.94387 (13020509) 735288.06 4057231.50 9.29351 (12021409)
735771.38 4056731.50 5.66373 (13020509) 735771.38 4057231.50 7.10217 (13020509)
735271.38 4056231.50 8.71116 (13020509) 735271.38 4055748.25 5.04690 (14012009)
735271.38 4055264.75 11.41244 (14011509) 735271.38 4054781.50 7.21321 (14011509)
735271.38 4054298.25 12.61276 (12011909) 735271.38 4053814.75 12.04278c (12012509)
735271.38 4053331.50 10.97552 (14122809) 735271.38 4052848.25 11.80717 (14012209)
735271.38 4052364.75 9.82025 (14030309) 735271.38 4051881.50 9.52799c (12010809)
735271.38 4051398.25 5.75543 (13020709) 735271.38 4050914.75 5.24189 (13020709)
735271.38 4050431.50 7.30998 (14010709) 735771.38 4056231.50 4.21356 (14011509)
735771.38 4055748.25 9.06920 (14011509) 735771.38 4055264.75 6.42151 (14011509)
735771.38 4054781.50 9.26159 (13011109) 735771.38 4054298.25 11.42674c (12012509)
735771.38 4053814.75 7.30873 (14010609) 735771.38 4053331.50 8.43846 (14122809)
735771.38 4052848.25 10.73493 (14122809) 735771.38 4052364.75 9.11020 (14012209)
735771.38 4051881.50 6.36375 (14020509) 735771.38 4051398.25 6.79510c (12010809)
735771.38 4050914.75 4.34090 (13020709) 735771.38 4050431.50 4.29023 (13020709)
734771.38 4050931.50 8.21215 (14010709) 734771.38 4050431.50 6.07057 (14011209)
734288.06 4050931.50 6.73497 (14011209) 734288.06 4050431.50 7.96913c (12123009)
733804.69 4050931.50 12.26418c (12123009) 733804.69 4050431.50 8.86119 (16021309)
733321.38 4050931.50 10.49064 (14010409) 733321.38 4050431.50 9.03492 (14010409)
732838.06 4050931.50 9.05863 (13122709) 732838.06 4050431.50 6.13773 (13122709)
732354.69 4050931.50 9.90268 (13011209) 732354.69 4050431.50 9.64801 (13011209)
731871.38 4050931.50 11.26462 (14021509) 731871.38 4050431.50 9.24992 (14021509)
731388.06 4050931.50 7.16905 (12012209) 731388.06 4050431.50 8.89506 (12012209)
730904.69 4050931.50 7.16412 (13121909) 730904.69 4050431.50 4.38585 (12020309)
730421.38 4050931.50 4.74890 (13121909) 730421.38 4050431.50 5.84091 (13121909)
729938.06 4050931.50 5.72510 (13120109) 729938.06 4050431.50 4.43474 (13121909)
729454.69 4050931.50 3.01392 (13120109) 729454.69 4050431.50 4.69180 (13120109)
728971.38 4050931.50 1.87270c (12021009) 728971.38 4050431.50 3.79407 (13120109)
728471.38 4051431.50 4.15629 (12112809) 728471.38 4051914.75 6.06431 (12112809)
728471.38 4052398.25 6.79723 (14012409) 728471.38 4052881.50 9.16300c (14012109)
728471.38 4053364.75 8.10996 (12011409) 728471.38 4053848.25 8.05505 (12011409)
728471.38 4054331.50 7.70678 (12020309) 728471.38 4054814.75 7.06507 (12010909)
728471.38 4055298.25 5.27167c (12011509) 728471.38 4055781.50 6.09778c (12012409)
728471.38 4056264.75 6.18110 (14011309) 728471.38 4056748.25 4.88001 (12110609)
728471.38 4057231.50 4.75719c (13121109) 728971.38 4051431.50 5.50299 (12112809)
728971.38 4051914.75 6.06998 (12121309) 728971.38 4052398.25 6.65680 (14012409)
728971.38 4052881.50 8.49612c (14012109) 728971.38 4053364.75 6.65580 (12011409)
728971.38 4053848.25 7.67377 (12011409) 728971.38 4054331.50 6.45670 (12020309)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** *** 11:56:46
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* *** PAGE 470

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*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
728971.38 4054814.75 5.14007 (12010909) 728971.38 4055298.25 6.32940c (12011509)
728971.38 4055781.50 4.17087c (12112309) 728971.38 4056264.75 6.18855 (14011309)
728971.38 4056748.25 5.54370 (12110609) 728971.38 4057231.50 4.32543 (12110609)
731642.42 4052755.39 14.08893 (12121309) 731665.86 4052756.36 14.22684 (12121309)
731689.30 4052757.34 14.36832 (12121309) 731712.73 4052758.32 14.51259 (12121309)
731736.17 4052759.30 14.65749 (12121309) 731759.61 4052760.27 14.80618 (12121309)
731783.05 4052761.25 14.95516 (12121309) 731961.08 4052429.31 12.56558 (13120109)
731937.50 4052428.32 12.28137 (13120109) 731913.91 4052427.33 11.98092 (13120109)
731890.33 4052426.35 11.66970 (13120109) 731866.74 4052425.36 11.34797 (13120109)
731843.16 4052424.37 11.01592 (13120109) 731819.57 4052423.38 10.67490 (13120109)
731642.42 4052755.39 14.08893 (12121309) 731665.86 4052756.36 14.22684 (12121309)
731689.30 4052757.34 14.36832 (12121309) 731712.73 4052758.32 14.51259 (12121309)
731736.17 4052759.30 14.65749 (12121309) 731759.61 4052760.27 14.80618 (12121309)
731783.05 4052761.25 14.95516 (12121309) 731961.08 4052429.31 12.56558 (13120109)
731937.50 4052428.32 12.28137 (13120109) 731913.91 4052427.33 11.98092 (13120109)
731890.33 4052426.35 11.66970 (13120109) 731866.74 4052425.36 11.34797 (13120109)
731843.16 4052424.37 11.01592 (13120109) 731819.57 4052423.38 10.67490 (13120109)
731186.90 4054769.34 12.43762 (14011309) 731900.30 4054798.88 13.16561c (13121109)
731929.72 4054094.66 18.69925 (14011309) 731216.10 4054065.49 12.85220c (12011509)
731211.50 4054770.36 12.49263 (14011309) 731236.10 4054771.38 12.51120 (14011309)
731260.70 4054772.40 12.49254 (14011309) 731285.30 4054773.41 12.43640 (14011309)
731309.90 4054774.43 12.34231 (14011309) 731334.50 4054775.45 12.20983 (14011309)
731359.10 4054776.47 12.04049 (14011309) 731383.70 4054777.49 11.83433 (14011309)
731408.30 4054778.51 11.59272 (14011309) 731432.90 4054779.53 11.31663 (14011309)
731457.50 4054780.54 11.00971 (14011309) 731482.10 4054781.56 10.67297 (14011309)
731506.70 4054782.58 10.30939 (14011309) 731531.30 4054783.60 9.92151 (14011309)
731555.90 4054784.62 9.51278 (14011309) 731580.50 4054785.64 9.58252c (13121109)
731605.10 4054786.66 10.12070c (13121109) 731629.70 4054787.68 10.63715c (13121109)
731654.30 4054788.69 11.12538c (13121109) 731678.90 4054789.71 11.57813c (13121109)
731703.50 4054790.73 11.98993c (13121109) 731728.10 4054791.75 12.35246c (13121109)
731752.70 4054792.77 12.66128c (13121109) 731777.30 4054793.79 12.91083c (13121109)
731801.90 4054794.81 13.09689c (13121109) 731826.50 4054795.82 13.21669c (13121109)
731851.10 4054796.84 13.26800c (13121109) 731875.70 4054797.86 13.24992c (13121109)
731901.31 4054774.60 13.42314c (13121109) 731902.33 4054750.31 13.64473c (13121109)
731903.34 4054726.03 13.82806c (13121109) 731904.36 4054701.75 13.97054c (13121109)
731905.37 4054677.46 14.06944c (13121109) 731906.39 4054653.18 14.12185c (13121109)
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731883.37 4053982.51 18.80300c (12011509) 731908.11 4053983.54 18.83086c (12011509)
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731894.51 4053122.99 21.24100c (14012109) 731869.87 4053121.98 20.96567c (14012109)
731845.23 4053120.98 20.69820c (14012109) 731820.60 4053119.97 20.44180c (14012109)
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731958.85 4052937.01 18.71095c (14012109) 731959.70 4052915.72 17.59003c (14012109)
731960.54 4052894.43 16.67696 (12121309) 731961.39 4052873.13 16.67508 (12121309)
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731889.84 4052848.17 16.03127 (12121309) 731865.70 4052846.94 15.82861 (12121309)
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731648.50 4052835.92 14.19057 (12121309) 731624.37 4052834.69 14.02189 (12121309)
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731551.97 4052831.02 13.52920 (12121309) 731527.83 4052829.79 13.36686 (12121309)
731503.70 4052828.57 13.20535 (12121309) 731479.56 4052827.34 13.04601 (12121309)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains discrete Cartesian receptor points for the simulation.

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains discrete Cartesian receptor points for the simulation.

732548.30 4053981.57 25.26994c (13121109) 732573.04 4053982.60 25.17599c (13121109)
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732746.23 4053989.79 22.57091m (12020209) 732770.97 4053990.81 22.21704m (12020209)
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732894.67 4053995.95 19.22351m (12020209) 732919.42 4053996.98 18.34076m (12020209)
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733142.09 4054006.22 22.67121 (13020109) 733166.83 4054007.25 22.83402 (13020109)
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733241.05 4054010.33 22.97922 (13020109) 733265.79 4054011.36 23.75105 (12021409)
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733516.19 4053641.09 57.54106 (13020509) 733516.93 4053616.69 57.48010 (13020509)
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733522.18 4053445.86 48.85533 (14011509) 733522.92 4053421.46 47.81417 (14011509)
733523.67 4053397.05 46.46066 (14011509) 733524.42 4053372.65 45.72034c (12012509)
733525.17 4053348.24 45.68574c (12012509) 733525.92 4053323.84 45.75033c (12012509)
733526.67 4053299.44 45.62754c (12012509) 733527.42 4053275.03 45.52236c (12012509)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
733528.16 4053250.63 45.43297c (12012509) 733528.91 4053226.22 45.02428c (12012509)
733529.66 4053201.82 44.52408c (12012509) 733530.41 4053177.42 43.62145c (12012509)
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732828.20 4052963.41 45.13705 (12012209) 732827.00 4052987.35 49.04352 (12011409)
732825.80 4053011.29 52.78958 (12011409) 732824.60 4053035.23 55.35839 (12011409)
732823.40 4053059.17 57.07033 (12011409) 732822.21 4053083.10 58.18728 (12011409)
732821.01 4053107.04 58.90248 (12011409) 732819.81 4053130.98 59.46407 (12011409)
732818.61 4053154.92 59.72747 (12011409) 732817.41 4053178.86 59.87914 (12011409)
732816.21 4053202.79 59.95738 (12011409) 732815.01 4053226.73 59.99562 (12011409)
732799.70 4053253.51 60.07241 (12011409) 732790.93 4053255.30 57.47092 (12011409)
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732637.65 4053249.98 46.78156 (12011409) 732612.99 4053248.92 45.13339 (12011409)
732588.34 4053247.86 43.62044 (12011409) 732563.68 4053246.79 42.62290 (12011409)
732539.03 4053245.73 40.94441 (12011409) 732514.37 4053244.67 39.75450 (12011409)
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732292.46 4053235.10 31.63458 (12011409) 732267.80 4053234.04 30.92320 (12011409)
732243.15 4053232.98 30.23994 (12011409) 732218.49 4053231.91 29.57669 (12011409)
732193.84 4053230.85 28.93859 (12011409) 732169.18 4053229.79 28.31510 (12011409)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
732144.52 4053228.72 27.71306 (12011409) 732119.87 4053227.66 27.12427 (12011409)
732095.21 4053226.60 26.55360 (12011409) 732070.55 4053225.54 25.99546 (12011409)
732045.90 4053224.47 25.45261 (12011409) 732010.32 4053262.35 25.54957 (12011409)
732009.29 4053287.24 25.91414 (12011409) 732008.26 4053312.12 26.18586 (12011409)
732007.23 4053337.00 26.37174 (12011409) 732006.20 4053361.89 26.48879 (12011409)
732005.16 4053386.77 26.53389 (12011409) 732004.13 4053411.65 26.50820 (12011409)
732003.10 4053436.54 26.39620 (12011409) 732002.07 4053461.42 26.18077 (12011409)
732001.04 4053486.30 25.82960 (12011409) 732000.01 4053511.19 25.31202 (12011409)
731998.98 4053536.07 24.59861 (12011409) 731997.95 4053560.96 23.65318 (12011409)
731996.92 4053585.84 22.46518 (12011409) 731995.89 4053610.72 21.03813 (12011409)
731994.86 4053635.61 19.39538 (12011409) 731993.83 4053660.49 18.89573c (12011509)
731992.79 4053685.37 19.43586c (12011509) 731991.76 4053710.26 19.89628c (12011509)
731990.73 4053735.14 20.28139c (12011509) 731989.70 4053760.02 20.59376c (12011509)

731988.67	4053784.91	20.83707c	(12011509)	731618.98	4052754.41	13.95075	(12121309)
731970.56	4052769.07	16.67419	(12112809)	731984.67	4052430.30	12.83450	(13120109)
731630.89	4052415.47	10.59936	(12112809)	731622.73	4052615.08	13.37496	(12112809)
731617.25	4052630.86	13.35485	(12112809)	731615.97	4052668.93	13.27493	(12112809)
731621.54	4052690.04	13.54329	(12121309)	731642.42	4052755.39	14.08893	(12121309)
731665.86	4052756.36	14.22684	(12121309)	731689.30	4052757.34	14.36832	(12121309)
731712.73	4052758.32	14.51259	(12121309)	731736.17	4052759.30	14.65749	(12121309)
731759.61	4052760.27	14.80618	(12121309)	731783.05	4052761.25	14.95516	(12121309)
731806.49	4052762.23	15.10962	(12121309)	731829.93	4052763.21	15.26463	(12121309)
731853.37	4052764.18	15.42333	(12121309)	731876.81	4052765.16	15.59222	(12121309)
731900.24	4052766.14	15.86308	(12112809)	731923.68	4052767.12	16.13343	(12112809)
731947.12	4052768.09	16.40540	(12112809)	731971.57	4052744.87	16.66041	(12112809)
731972.58	4052720.67	16.56463	(12112809)	731973.58	4052696.48	16.37626	(12112809)
731974.59	4052672.28	16.08852	(12112809)	731975.60	4052648.08	15.69381	(12112809)
731976.61	4052623.88	15.19022	(12112809)	731977.62	4052599.69	14.57893	(12112809)
731978.62	4052575.49	13.86355	(12112809)	731979.63	4052551.29	13.05791	(12112809)
731980.64	4052527.09	12.17709	(12112809)	731981.65	4052502.89	12.28829	(13120109)
731982.65	4052478.70	12.51964	(13120109)	731983.66	4052454.50	12.70659	(13120109)
731961.08	4052429.31	12.56558	(13120109)	731937.50	4052428.32	12.28137	(13120109)
731913.91	4052427.33	11.98092	(13120109)	731890.33	4052426.35	11.66970	(13120109)
731866.74	4052425.36	11.34797	(13120109)	731843.16	4052424.37	11.01592	(13120109)
731819.57	4052423.38	10.67490	(13120109)	731795.99	4052422.39	10.32581	(13120109)
731772.40	4052421.40	9.99575	(12112809)	731748.82	4052420.41	10.12400	(12112809)
731725.23	4052419.42	10.24078	(12112809)	731701.65	4052418.44	10.34678	(12112809)
731678.06	4052417.45	10.44139	(12112809)	731654.48	4052416.46	10.52533	(12112809)
731629.87	4052440.42	11.18674	(12112809)	731628.85	4052465.37	11.71602	(12112809)
731627.83	4052490.32	12.17805	(12112809)	731626.81	4052515.28	13.22812	(12112809)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

 731625.79 4052540.23 13.52218 (12112809) 731624.77 4052565.18 13.12406 (12112809)
 731623.75 4052590.13 13.28710 (12112809) 731616.61 4052649.90 13.33444 (12112809)
 731620.69 4052711.50 13.73633 (12121309) 731619.83 4052732.95 13.86737 (12121309)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

 730871.38 4052331.50 3.77373 (12112808) 730871.38 4052356.50 3.76092 (12112808)
 730871.38 4052381.50 3.72951 (12112808) 730871.38 4052406.50 3.68189 (12112808)
 730871.38 4052431.50 3.61712 (12112808) 730871.38 4052456.50 3.71715 (12121308)
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 730871.38 4052581.50 3.95293 (12121308) 730871.38 4052606.50 3.95198 (12121308)
 730871.38 4052631.50 3.93837 (12121308) 730871.38 4052656.50 3.91245 (12121308)
 730871.38 4052681.50 3.87227 (12121308) 730871.38 4052706.50 3.81548 (12121308)
 730871.38 4052731.50 3.74009 (12121308) 730871.38 4052756.50 3.65183 (15020308)
 730871.38 4052781.50 3.62445 (15020308) 730871.38 4052806.50 3.58169 (15020308)
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 730871.38 4052881.50 4.39006 (14012108) 730871.38 4052906.50 4.61249 (14012108)
 730871.38 4052931.50 4.79458 (14012108) 730871.38 4052956.50 4.93994 (14012108)
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 730871.38 4053031.50 5.11819 (14012108) 730871.38 4053056.50 5.17027 (14012108)
 730871.38 4053081.50 5.19833 (14012108) 730871.38 4053106.50 5.20241 (14012108)
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 730871.38 4053181.50 5.07275 (14012108) 730871.38 4053206.50 4.97972 (14012108)
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 730871.38 4053281.50 5.36480c (12011408) 730871.38 4053306.50 5.56779c (12011408)
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 730871.38 4054131.50 4.21913c (12010908) 730871.38 4054156.50 4.30172c (12010908)
 730871.38 4054181.50 4.36214c (12010908) 730871.38 4054206.50 4.40021c (12010908)
 730871.38 4054231.50 4.41407c (12010908) 730871.38 4054256.50 4.40397c (12010908)
 730871.38 4054281.50 4.36776c (12010908) 730871.38 4054306.50 4.31206c (12011508)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

 730871.38 4054331.50 4.27443c (12011508) 730871.38 4054356.50 4.21219c (12011508)
 730871.38 4054381.50 4.12444c (12011508) 730871.38 4054406.50 4.01260c (12011508)

Table with 6 columns: ID (e.g., 730921.38), X-COORD (e.g., 4052731.50), Y-COORD (e.g., 4052781.50), CONC (e.g., 3.85016), SOURCE (e.g., 12121308), and another set of X-COORD, Y-COORD, CONC, SOURCE (e.g., 730921.38, 4052756.50, 3.76603, 12121308).

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows contain data for various receptor points and coordinates.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows contain data for various receptor points and coordinates.

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730946.38 4054056.50 4.39468c (12020308) 730946.38 4054081.50 4.26441c (12010908)
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730946.38 4054156.50 4.50180c (12010908) 730946.38 4054181.50 4.53491c (12010908)
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730946.38 4054306.50 4.38109c (12011508) 730946.38 4054331.50 4.30878c (12011508)
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730946.38 4054406.50 3.93710c (12011508) 730946.38 4054431.50 3.76643c (12011508)
730946.38 4054456.50 3.57573c (12011508) 730946.38 4054481.50 3.36778c (12011508)
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730946.38 4055206.50 3.74014c (14122108) 730946.38 4055231.50 3.61590c (14122108)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFPANI.E.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
730946.38 4055256.50 3.48035c (14122108) 730946.38 4055281.50 3.33496c (14122108)
730946.38 4055306.50 3.18156c (14122108) 730946.38 4055331.50 3.02184c (14122108)
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730971.38 4054181.50 4.58532c (12010908) 730971.38 4054206.50 4.58403c (12010908)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFPANI.E.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
730971.38 4054231.50 4.55560c (12010908) 730971.38 4054256.50 4.50123c (12010908)
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730971.38 4055181.50 3.80095c (14122108) 730971.38 4055206.50 3.67704c (14122108)
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730971.38 4055331.50 2.91377c (14122108) 730996.38 4052331.50 3.92190 (12112808)

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730996.38 4052356.50 3.95040 (12112808) 730996.38 4052381.50 3.95726 (12112808)
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730996.38 4052756.50 3.94091 (12121308) 730996.38 4052781.50 3.85350 (12121308)
730996.38 4052806.50 3.78800 (15020308) 730996.38 4052831.50 3.88916 (14012108)
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 *** PAGE 489
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
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730996.38 4053656.50 5.32891c (12011408) 730996.38 4053681.50 5.41191c (13010908)
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730996.38 4053756.50 5.55826c (13010908) 730996.38 4053781.50 5.55703c (13010908)
730996.38 4053806.50 5.52770c (13010908) 730996.38 4053831.50 5.47005c (13010908)
730996.38 4053856.50 5.38144c (13010908) 730996.38 4053881.50 5.25925c (13010908)
730996.38 4053906.50 5.10293c (13010908) 730996.38 4053931.50 4.97912c (12020308)
730996.38 4053956.50 4.91827c (12020308) 730996.38 4053981.50 4.82808c (12020308)
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730996.38 4054056.50 4.37508c (12020308) 730996.38 4054081.50 4.43603c (12010908)
730996.38 4054106.50 4.52084c (12010908) 730996.38 4054131.50 4.58254c (12010908)
730996.38 4054156.50 4.62022c (12010908) 730996.38 4054181.50 4.63333c (12010908)
730996.38 4054206.50 4.62013c (12010908) 730996.38 4054231.50 4.58131c (12010908)
730996.38 4054256.50 4.51856c (12011508) 730996.38 4054281.50 4.47483c (12011508)
730996.38 4054306.50 4.40384c (12011508) 730996.38 4054331.50 4.30639c (12011508)
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730996.38 4054406.50 3.85955c (12011508) 730996.38 4054431.50 3.66581c (12011508)
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730996.38 4055156.50 3.86267c (14122108) 730996.38 4055181.50 3.73917c (14122108)
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
730996.38 4055206.50 3.60330c (14122108) 730996.38 4055231.50 3.45677c (14122108)
730996.38 4055256.50 3.30127c (14122108) 730996.38 4055281.50 3.13877c (14122108)
730996.38 4055306.50 2.97101c (14122108) 730996.38 4055331.50 2.95540c (13121108)
731021.38 4052331.50 3.94331 (12112808) 731021.38 4052356.50 3.98016 (12112808)
731021.38 4052381.50 3.99580 (12112808) 731021.38 4052406.50 3.99247 (12112808)
731021.38 4052431.50 3.96968 (12112808) 731021.38 4052456.50 3.92725 (12112808)
731021.38 4052481.50 3.86484 (12112808) 731021.38 4052506.50 3.94723 (12121308)
731021.38 4052531.50 4.02840 (12121308) 731021.38 4052556.50 4.08557 (12121308)
731021.38 4052581.50 4.12288 (12121308) 731021.38 4052606.50 4.14418 (12121308)
731021.38 4052631.50 4.15196 (12121308) 731021.38 4052656.50 4.14751 (12121308)
731021.38 4052681.50 4.13097 (12121308) 731021.38 4052706.50 4.10203 (12121308)
731021.38 4052731.50 4.05789 (12121308) 731021.38 4052756.50 3.99662 (12121308)
731021.38 4052781.50 3.91564 (12121308) 731021.38 4052806.50 3.82854 (15020308)
731021.38 4052831.50 3.90129 (14012108) 731021.38 4052856.50 4.23870 (14012108)
731021.38 4052881.50 4.53484 (14012108) 731021.38 4052906.50 4.62667 (14012108)
731021.38 4052931.50 4.84140 (14012108) 731021.38 4052956.50 5.02260 (14012108)
731021.38 4052981.50 5.17157 (14012108) 731021.38 4053006.50 5.28962 (14012108)
731021.38 4053031.50 5.37806 (14012108) 731021.38 4053056.50 5.43994 (14012108)
731021.38 4053081.50 5.47743 (14012108) 731021.38 4053106.50 5.49106 (14012108)
731021.38 4053131.50 5.48168 (14012108) 731021.38 4053156.50 5.44975 (14012108)
731021.38 4053181.50 5.39325 (14012108) 731021.38 4053206.50 5.31123 (14012108)
731021.38 4053231.50 5.32585c (12011408) 731021.38 4053256.50 5.58571c (12011408)
731021.38 4053281.50 5.81763c (12011408) 731021.38 4053306.50 6.01965c (12011408)
731021.38 4053331.50 6.19038c (12011408) 731021.38 4053356.50 6.32899c (12011408)
731021.38 4053381.50 6.43454c (12011408) 731021.38 4053406.50 6.50770c (12011408)
731021.38 4053431.50 6.54727c (12011408) 731021.38 4053456.50 6.55305c (12011408)
731021.38 4053481.50 6.52496c (12011408) 731021.38 4053506.50 6.46196c (12011408)
731021.38 4053531.50 6.36399c (12011408) 731021.38 4053556.50 6.26356c (12011408)
731021.38 4053581.50 6.06263c (12011408) 731021.38 4053606.50 5.85997c (12011408)
731021.38 4053631.50 5.62528c (12011408) 731021.38 4053656.50 5.38771c (13010908)
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Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731021.38 to 4054131.50.

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731021.38 to 731046.38.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 731046.38 to 731046.38.


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*** MODELOPTs:   RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
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731096.38 4053106.50 5.64415 (14012108) 731096.38 4053131.50 5.64025 (14012108)
731096.38 4053156.50 5.61329 (14012108) 731096.38 4053181.50 5.56281 (14012108)
731096.38 4053206.50 5.48726 (14012108) 731096.38 4053231.50 5.56772c (12011408)
731096.38 4053256.50 5.83015c (12011408) 731096.38 4053281.50 6.06233c (12011408)
731096.38 4053306.50 6.26187c (12011408) 731096.38 4053331.50 6.42922c (12011408)
731096.38 4053356.50 6.56291c (12011408) 731096.38 4053381.50 6.66239c (12011408)
731096.38 4053406.50 6.72941c (12011408) 731096.38 4053431.50 6.76056c (12011408)
731096.38 4053456.50 6.75877c (12011408) 731096.38 4053481.50 6.72093c (12011408)
731096.38 4053506.50 6.64768c (12011408) 731096.38 4053531.50 6.53809c (12011408)
731096.38 4053556.50 6.39181c (12011408) 731096.38 4053581.50 6.20957c (12011408)
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731096.38 4053656.50 5.61075c (13010908) 731096.38 4053681.50 5.68784c (13010908)
731096.38 4053706.50 5.73937c (13010908) 731096.38 4053731.50 5.76675c (13010908)
731096.38 4053756.50 5.76871c (13010908) 731096.38 4053781.50 5.74371c (13010908)
731096.38 4053806.50 5.68913c (13010908) 731096.38 4053831.50 5.60325c (13010908)
731096.38 4053856.50 5.48300c (13010908) 731096.38 4053881.50 5.32580c (13010908)
731096.38 4053906.50 5.17107c (12020308) 731096.38 4053931.50 5.10580c (12020308)
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731096.38 4054156.50 4.81663c (12010908) 731096.38 4054181.50 4.78576c (12010908)
731096.38 4054206.50 4.72610c (12010908) 731096.38 4054231.50 4.67139c (12011508)
731096.38 4054256.50 4.60462c (12011508) 731096.38 4054281.50 4.50960c (12011508)
731096.38 4054306.50 4.38588c (12011508) 731096.38 4054331.50 4.23497c (12011508)
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731096.38 4054456.50 3.94891c (12012408) 731096.38 4054481.50 4.13767c (12012408)
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731096.38 4054556.50 4.60918c (12012408) 731096.38 4054581.50 4.72828c (12012408)
731096.38 4054606.50 4.82550c (12012408) 731096.38 4054631.50 4.89954c (12012408)
731096.38 4054656.50 4.94922c (12012408) 731096.38 4054681.50 4.97308c (12012408)
731096.38 4054706.50 4.97138c (12012408) 731096.38 4054731.50 4.94395c (12012408)
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731096.38 4054956.50 4.42702c (14122108) 731096.38 4054981.50 4.37943c (14122108)
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731096.38 4055056.50 4.11963c (14122108) 731096.38 4055081.50 3.99870c (14122108)

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*** MODELOPTs:   RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
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731096.38 4055106.50 3.86309c (14122108) 731096.38 4055131.50 3.71476c (14122108)
731096.38 4055156.50 3.55571c (14122108) 731096.38 4055181.50 3.38791c (14122108)
731096.38 4055206.50 3.21321c (14122108) 731096.38 4055231.50 3.15867c (13121108)
731096.38 4055256.50 3.30709c (13121108) 731096.38 4055281.50 3.44922c (13121108)
731096.38 4055306.50 3.58439c (13121108) 731096.38 4055331.50 3.71137c (13121108)
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731121.38 4053081.50 5.67731 (14012108) 731121.38 4053106.50 5.69687 (14012108)
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731121.38 4053181.50 5.62111 (14012108) 731121.38 4053206.50 5.54732 (14012108)
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731121.38 4053581.50 6.25968c (12011408) 731121.38 4053606.50 6.03571c (12011408)
731121.38 4053631.50 5.77659c (12011408) 731121.38 4053656.50 5.68464c (13010908)
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731121.38 4053781.50 5.78925c (13010908) 731121.38 4053806.50 5.72861c (13010908)
731121.38 4053831.50 5.63494c (13010908) 731121.38 4053856.50 5.50604c (13010908)
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731121.38 4053981.50 4.89010c (12020308) 731121.38 4054006.50 4.71774c (12020308)
731121.38 4054031.50 4.67259c (12010908) 731121.38 4054056.50 4.75898c (12010908)

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** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of numerical data representing concentration measurements at various coordinates.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of numerical data representing concentration measurements at various coordinates.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** *** 11:56:46
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of numerical data representing concentration measurements at various coordinates.

Table with 6 columns: X-COORD, Y-COORD, CONC, X-COORD, Y-COORD, CONC. It lists two sets of data for receptor points 731146.38 to 731196.38, with concentration values ranging from approximately 3.42 to 5.85 micrograms per cubic meter.

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*** AERMET - VERSION 18081 *** ** *** 11:56:46
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). It lists discrete Cartesian receptor points for two source groups, with coordinates ranging from 731171.38 to 731196.38 and concentration values ranging from 4.84515c to 5.81061c.

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*** AERMET - VERSION 18081 *** ** *** 11:56:46
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). It lists discrete Cartesian receptor points for two source groups, with coordinates ranging from 731196.38 to 731196.38 and concentration values ranging from 5.61452 to 7.04493c.

731321.38	4055156.50	4.54634c	(13121108)	731321.38	4055181.50	4.64474c	(13121108)
731321.38	4055206.50	4.72853c	(13121108)	731321.38	4055231.50	4.79710c	(13121108)
731321.38	4055256.50	4.84990c	(13121108)	731321.38	4055281.50	4.88684c	(13121108)
731321.38	4055306.50	4.90808c	(13121108)	731321.38	4055331.50	4.91335c	(13121108)
731346.38	4052331.50	3.89100	(12112808)	731346.38	4052356.50	4.06661	(12112808)
731346.38	4052381.50	4.21723	(12112808)	731346.38	4052406.50	4.34145	(12112808)
731346.38	4052431.50	4.43690	(12112808)	731346.38	4052456.50	4.50825	(12112808)
731346.38	4052481.50	4.55351	(12112808)	731346.38	4052506.50	4.57391	(12112808)
731346.38	4052531.50	4.57202	(12112808)	731346.38	4052556.50	4.54896	(12112808)
731346.38	4052581.50	4.50492	(12112808)	731346.38	4052606.50	4.50519	(12121308)
731346.38	4052631.50	4.57538	(12121308)	731346.38	4052656.50	4.62130	(12121308)
731346.38	4052681.50	4.64877	(12121308)	731346.38	4052706.50	4.6810	(12121308)
731346.38	4052731.50	4.67328	(12121308)	731346.38	4052756.50	4.66181	(12121308)
731346.38	4052781.50	4.63557	(12121308)	731346.38	4052806.50	4.59271	(12121308)
731346.38	4053981.50	5.28867c	(12010908)	731346.38	4054006.50	5.33774c	(12010908)
731346.38	4054031.50	5.36015c	(12010908)	731346.38	4054056.50	5.35373c	(12010908)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
731346.38	4054781.50	4.91967c	731346.38	4054806.50	4.83583c
731346.38	4054831.50	4.72877c	731346.38	4054856.50	4.60079c
731346.38	4054881.50	4.45370c	731346.38	4054906.50	4.28964c
731346.38	4054931.50	4.11172c	731346.38	4054956.50	3.92184c
731346.38	4054981.50	3.76676c	731346.38	4055006.50	3.93534c
731346.38	4055031.50	4.09530c	731346.38	4055056.50	4.24493c
731346.38	4055081.50	4.38345c	731346.38	4055106.50	4.50947c
731346.38	4055131.50	4.62196c	731346.38	4055156.50	4.72021c
731346.38	4055181.50	4.80332c	731346.38	4055206.50	4.87102c
731346.38	4055231.50	4.92255c	731346.38	4055256.50	4.95773c
731346.38	4055281.50	4.97672c	731346.38	4055306.50	4.97955c
731346.38	4055331.50	4.96657c	731371.38	4052331.50	3.85664
731371.38	4052356.50	4.04486	731371.38	4052381.50	4.20838
731371.38	4052406.50	4.34332	731371.38	4052431.50	4.45152
731371.38	4052456.50	4.53429	731371.38	4052481.50	4.58846
731371.38	4052506.50	4.61976	731371.38	4052531.50	4.62717
731371.38	4052556.50	4.61196	731371.38	4052581.50	4.57506
731371.38	4052606.50	4.52738	731371.38	4052631.50	4.60511
731371.38	4052656.50	4.65625	731371.38	4052681.50	4.68332
731371.38	4052706.50	4.71148	731371.38	4052731.50	4.72115
731371.38	4052756.50	4.71473	731371.38	4052781.50	4.69257
731371.38	4052806.50	4.65484	731371.38	4053981.50	5.37143c
731371.38	4054006.50	5.40982c	731371.38	4054031.50	5.42089c
731371.38	4054056.50	5.40220c	731371.38	4054781.50	4.91353c
731371.38	4054806.50	4.80923c	731371.38	4054831.50	4.68251c
731371.38	4054856.50	4.53577c	731371.38	4054881.50	4.37192c
731371.38	4054906.50	4.19279c	731371.38	4054931.50	4.00172c
731371.38	4054956.50	3.83670c	731371.38	4054981.50	4.00755c
731371.38	4055006.50	4.16943c	731371.38	4055031.50	4.32061c
731371.38	4055056.50	4.46015c	731371.38	4055081.50	4.58670c
731371.38	4055106.50	4.69941c	731371.38	4055131.50	4.79736c
731371.38	4055156.50	4.87988c	731371.38	4055181.50	4.94648c
731371.38	4055206.50	4.99652c	731371.38	4055231.50	5.02989c
731371.38	4055256.50	5.04670c	731371.38	4055281.50	5.04696c
731371.38	4055306.50	5.03113c	731371.38	4055331.50	4.99942c
731396.38	4052331.50	3.81681	731396.38	4052356.50	4.01759
731396.38	4052381.50	4.19304	731396.38	4052406.50	4.34201
731396.38	4052431.50	4.46194	731396.38	4052456.50	4.55591
731396.38	4052481.50	4.62049	731396.38	4052506.50	4.66263
731396.38	4052531.50	4.67945	731396.38	4052556.50	4.67290

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*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
731396.38	4052581.50	4.64465	731396.38	4052606.50	4.59504
731396.38	4052631.50	4.63421	731396.38	4052656.50	4.69216
731396.38	4052681.50	4.72174	731396.38	4052706.50	4.75514
731396.38	4052731.50	4.76936	731396.38	4052756.50	4.76678
731396.38	4052781.50	4.74926	731396.38	4052806.50	4.71617
731396.38	4053981.50	5.45098c	731396.38	4054006.50	5.47889c
731396.38	4054031.50	5.47813c	731396.38	4054056.50	5.44679c
731396.38	4054781.50	4.89049c	731396.38	4054806.50	4.76553c
731396.38	4054831.50	4.61995c	731396.38	4054856.50	4.45591c
731396.38	4054881.50	4.27632c	731396.38	4054906.50	4.08338c
731396.38	4054931.50	3.90870c	731396.38	4054956.50	4.08163c
731396.38	4054981.50	4.24538c	731396.38	4055006.50	4.39801c
731396.38	4055031.50	4.53886c	731396.38	4055056.50	4.66602c
731396.38	4055081.50	4.77881c	731396.38	4055106.50	4.87647c
731396.38	4055131.50	4.95809c	731396.38	4055156.50	5.02365c
731396.38	4055181.50	5.07204c	731396.38	4055206.50	5.10338c
731396.38	4055231.50	5.11783c	731396.38	4055256.50	5.11557c
731396.38	4055281.50	5.09685c	731396.38	4055306.50	5.06191c
731396.38	4055331.50	5.01159c	731421.38	4052331.50	3.77143
731421.38	4052356.50	3.98464	731421.38	4052381.50	4.17355
731421.38	4052406.50	4.33466	731421.38	4052431.50	4.46625
731421.38	4052456.50	4.57200	731421.38	4052481.50	4.65131
731421.38	4052506.50	4.70347	731421.38	4052531.50	4.72938
731421.38	4052556.50	4.73179	731421.38	4052581.50	4.71171
731421.38	4052606.50	4.66975	731421.38	4052631.50	4.66220
731421.38	4052656.50	4.72630	731421.38	4052681.50	4.75913
731421.38	4052706.50	4.79805	731421.38	4052731.50	4.81701
731421.38	4052756.50	4.81904	731421.38	4052781.50	4.80577
731421.38	4052806.50	4.77752	731421.38	4053981.50	4.52782c
731421.38	4054006.50	5.54457c	731421.38	4054031.50	5.53158c
731421.38	4054056.50	5.48650c	731421.38	4054781.50	4.85012c

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It shows receptor point data for two different source groups, with coordinates and concentration values listed.

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*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It displays two columns of discrete Cartesian receptor point data, including coordinates and concentration values.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 509

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It displays two columns of discrete Cartesian receptor point data, including coordinates and concentration values.

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists receptor point coordinates and corresponding concentration values for multiple points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists receptor point coordinates and corresponding concentration values for multiple points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data points for various coordinates and concentrations.

*** AERMOT - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data points for various coordinates and concentrations.

*** AERMOT - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data points for various coordinates and concentrations.

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists coordinates and concentrations for various points.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
Detailed table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH).

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 522

*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
Detailed table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH).

732146.38 4054031.50 8.99540c (12012408) 732146.38 4054056.50 8.78464c (12012408)
732146.38 4055206.50 2.86204 (12020208) 732146.38 4055231.50 2.72036 (12020208)
732146.38 4055256.50 2.57943 (12020208) 732146.38 4055281.50 2.43968 (12020208)
732146.38 4055306.50 2.30178 (12020208) 732146.38 4055331.50 2.16612 (12020208)
732171.38 4052331.50 5.85746 (13121908) 732171.38 4052356.50 5.78736 (13121908)
732171.38 4052381.50 5.71846 (13121908) 732171.38 4052406.50 5.61810 (13121908)
732171.38 4052431.50 5.49142 (13121908) 732171.38 4052456.50 5.39022 (13120108)
732171.38 4052481.50 5.48312 (13120108) 732171.38 4052506.50 5.53439 (13120108)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** PAGE 525

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains two columns of data for source group ALL.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** PAGE 526

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains two columns of data for source group ALL.

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732246.38 4053006.50 9.53341 (14012108) 732246.38 4053031.50 9.69641 (14012108)
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* PAGE 527
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
732246.38 4053006.50 9.79116 (14012108) 732246.38 4053081.50 10.00627c (12011408)
732246.38 4053106.50 10.66195c (12011408) 732246.38 4053131.50 11.17678c (12011408)
732246.38 4053156.50 11.57232c (12011408) 732246.38 4053181.50 11.86659c (12011408)
732246.38 4053206.50 12.07991c (12011408) 732246.38 4053231.50 12.23198c (12011408)
732246.38 4053981.50 9.61462c (12012408) 732246.38 4054006.50 9.31178c (12012408)
732246.38 4054031.50 8.94742c (14122108) 732246.38 4054056.50 8.77975c (14122108)
732246.38 4055206.50 2.14628 (12020208) 732246.38 4055231.50 2.00402 (12020208)
732246.38 4055256.50 1.86595 (12020208) 732246.38 4055281.50 1.77371 (14012608)
732246.38 4055306.50 1.75716 (14012608) 732246.38 4055331.50 1.73943 (14012608)
732271.38 4052331.50 6.09961 (13121908) 732271.38 4052356.50 6.23221 (13121908)
732271.38 4052381.50 6.32100 (13121908) 732271.38 4052406.50 6.36303 (13121908)
732271.38 4052431.50 6.35866 (13121908) 732271.38 4052456.50 6.31059 (13121908)
732271.38 4052481.50 6.22355 (13121908) 732271.38 4052506.50 6.10343 (13121908)
732271.38 4052531.50 5.95666 (13121908) 732271.38 4052556.50 5.97643 (13121908)
732271.38 4052581.50 6.02236 (13120108) 732271.38 4052606.50 6.02651 (13120108)
732271.38 4052631.50 5.99760 (13120108) 732271.38 4052656.50 5.98371 (12112808)
732271.38 4052681.50 6.44893 (12112808) 732271.38 4052706.50 6.85347 (12112808)
732271.38 4052731.50 7.18728 (12112808) 732271.38 4052756.50 7.44770 (12112808)
732271.38 4052781.50 7.63659 (12112808) 732271.38 4052806.50 7.76216 (12112808)
732271.38 4052831.50 7.83445 (12112808) 732271.38 4052856.50 7.86637 (12112808)
732271.38 4052881.50 7.86691 (12112808) 732271.38 4052906.50 7.84330 (12112808)
732271.38 4052931.50 8.40247 (14012108) 732271.38 4052956.50 9.02371 (14012108)
732271.38 4052981.50 9.44809 (14012108) 732271.38 4053006.50 9.72017 (14012108)
732271.38 4053031.50 9.88369 (14012108) 732271.38 4053056.50 9.97804 (14012108)
732271.38 4053081.50 10.31736c (12011408) 732271.38 4053106.50 10.96781c (12011408)
732271.38 4053131.50 11.47700c (12011408) 732271.38 4053156.50 11.86057c (12011408)
732271.38 4053181.50 12.14308c (12011408) 732271.38 4053206.50 12.34798c (12011408)
732271.38 4053231.50 12.49191c (12011408) 732271.38 4053981.50 9.62408c (12012408)
732271.38 4054006.50 9.25509c (12012408) 732271.38 4054031.50 9.02122c (14122108)
732271.38 4054056.50 8.78828c (14122108) 732271.38 4055206.50 1.95985 (12020208)
732271.38 4055231.50 1.82064 (12020208) 732271.38 4055256.50 1.79918 (14012608)
732271.38 4055281.50 1.78017 (14012608) 732271.38 4055306.50 1.75963 (14012608)
732271.38 4055331.50 1.73799 (14012608) 732296.38 4052331.50 6.06992 (13121908)
732296.38 4052356.50 6.24746 (13121908) 732296.38 4052381.50 6.38472 (13121908)
732296.38 4052406.50 6.47528 (13121908) 732296.38 4052431.50 6.51657 (13121908)
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732296.38 4052506.50 6.36400 (13121908) 732296.38 4052531.50 6.23942 (13121908)
732296.38 4052556.50 6.08807 (13121908) 732296.38 4052581.50 6.13028 (13120108)
732296.38 4052606.50 6.16265 (13120108) 732296.38 4052631.50 6.15477 (13120108)
732296.38 4052656.50 6.11539 (13120108) 732296.38 4052681.50 6.42195 (12112808)
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* PAGE 528
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
732296.38 4052706.50 6.86710 (12112808) 732296.38 4052731.50 7.24075 (12112808)
732296.38 4052756.50 7.53589 (12112808) 732296.38 4052781.50 7.75299 (12112808)
732296.38 4052806.50 7.90067 (12112808) 732296.38 4052831.50 7.98992 (12112808)
732296.38 4052856.50 8.03402 (12112808) 732296.38 4052881.50 8.04343 (12112808)
732296.38 4052906.50 8.02759 (12112808) 732296.38 4052931.50 8.56291 (14012108)
732296.38 4052956.50 9.20606 (14012108) 732296.38 4052981.50 9.64255 (14012108)
732296.38 4053006.50 9.91749 (14012108) 732296.38 4053031.50 10.80018 (14012108)
732296.38 4053056.50 10.17226 (14012108) 732296.38 4053081.50 10.64219c (12011408)
732296.38 4053106.50 11.28885c (12011408) 732296.38 4053131.50 11.78571c (12011408)
732296.38 4053156.50 12.15983c (12011408) 732296.38 4053181.50 12.43289c (12011408)
732296.38 4053206.50 12.62618c (12011408) 732296.38 4053231.50 12.76301c (12011408)
732296.38 4053981.50 9.58712c (12012408) 732296.38 4054006.50 9.27132c (14122108)
732296.38 4054031.50 9.04382c (14122108) 732296.38 4054056.50 9.18038c (13121108)
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732296.38 4055306.50 1.75312 (14012608) 732296.38 4055331.50 1.72772 (14012608)
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732321.38 4052381.50 6.40269 (13121908) 732321.38 4052406.50 6.54466 (13121908)
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732321.38 4052481.50 6.66799 (13121908) 732321.38 4052506.50 6.61068 (13121908)
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732321.38 4052581.50 6.22520 (13121908) 732321.38 4052606.50 6.28655 (13120108)
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732321.38 4052681.50 6.38050 (12112808) 732321.38 4052706.50 6.86878 (12112808)
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732321.38 4052881.50 8.22524 (12112808) 732321.38 4052906.50 8.21755 (12112808)
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732321.38 4053081.50 10.98304c (12011408) 732321.38 4053106.50 11.62119c (12011408)
732321.38 4053131.50 12.11008c (12011408) 732321.38 4053156.50 12.47079c (12011408)
732321.38 4053181.50 12.73122c (12011408) 732321.38 4053206.50 12.91706c (12011408)
732321.38 4053231.50 13.04541c (12011408) 732321.38 4053981.50 9.53472c (14122108)
732321.38 4054006.50 9.31223c (14122108) 732321.38 4054031.50 9.45925c (13121108)
732321.38 4054056.50 9.69680c (13121108) 732321.38 4055231.50 1.81833 (14012608)
732321.38 4055256.50 1.79257 (14012608) 732321.38 4055281.50 1.75668 (14012608)
732321.38 4055306.50 1.73787 (14012608) 732321.38 4055331.50 1.70893 (14012608)
732346.38 4052331.50 6.09759 (12012208) 732346.38 4052356.50 6.14568 (13121908)
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* PAGE 529

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains a large grid of data points for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains a large grid of data points for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 732521.38 to 732546.38.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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Table with 8 columns: Model, Reg, Def, Conc, Elev, Rural, Adj, U*. Includes header: *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): AREAL. *** DISCRETE CARTESIAN RECEPTOR POINTS ***. ** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: Model, Reg, Def, Conc, Elev, Rural, Adj, U*. Includes header: *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): AREAL. *** DISCRETE CARTESIAN RECEPTOR POINTS ***. ** CONC OF OTHER IN MICROGRAMS/M**3 **

732696.38 4053156.50 19.74228c (12011408) 732696.38 4053181.50 19.85036c (12011408)
732696.38 4053206.50 19.92164c (12011408) 732696.38 4053231.50 19.97275c (12011408)
732696.38 4054006.50 10.92360c (13121108) 732696.38 4054031.50 10.33556c (13121108)
732696.38 4054056.50 9.75578c (13121108) 732696.38 4054081.50 9.17794c (13121108)
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732696.38 4055281.50 3.06755 (12013008) 732696.38 4055306.50 3.03248 (12013008)
732696.38 4055331.50 2.99724 (12013008) 732721.38 4052331.50 9.23045 (14021508)
732721.38 4052356.50 9.44890 (14021508) 732721.38 4052381.50 9.66834 (14021508)
732721.38 4052406.50 9.89234 (14021508) 732721.38 4052431.50 10.12015 (14021508)
732721.38 4052456.50 10.35364 (14021508) 732721.38 4052481.50 10.58978 (14021508)
732721.38 4052506.50 10.83028 (14021508) 732721.38 4052531.50 11.07703 (14021508)
732721.38 4052556.50 11.32122 (14021508) 732721.38 4052581.50 11.56093 (14021508)
732721.38 4052606.50 11.78683 (14021508) 732721.38 4052631.50 11.98619 (14021508)
732721.38 4052656.50 12.14152 (14021508) 732721.38 4052681.50 12.22695 (14021508)
732721.38 4052706.50 12.46113 (12012208) 732721.38 4052731.50 12.59412 (12012208)
732721.38 4052756.50 12.58871 (12012208) 732721.38 4052781.50 12.43904 (12012208)
732721.38 4052806.50 12.18390 (12012208) 732721.38 4052831.50 11.89133 (12012208)
732721.38 4052856.50 12.07045 (12112808) 732721.38 4052881.50 13.05206 (12112808)
732721.38 4052906.50 13.47004 (12112808) 732721.38 4052931.50 13.79544 (14012108)
732721.38 4052956.50 14.97086 (14012108) 732721.38 4052981.50 15.51765 (14012108)
732721.38 4053006.50 17.14482c (12011408) 732721.38 4053031.50 18.35926c (12011408)

*** AERMOT - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data points for receptor locations and concentrations.

*** AERMOT - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
PAGE 539

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data points for receptor locations and concentrations.

732921.38 4052806.50 15.54124 (14021508) 732921.38 4052831.50 16.07672 (14021508)
732921.38 4052856.50 16.48175 (14021508) 732921.38 4052881.50 17.11185c (14010716)
732921.38 4054006.50 7.08936m (12022108) 732921.38 4054031.50 6.91827m (12022108)
732921.38 4054056.50 6.75729m (12022108) 732921.38 4054081.50 6.60353m (12022108)
732921.38 4055256.50 3.49317m (12022108) 732921.38 4055281.50 3.45707m (12022108)
732921.38 4055306.50 3.42132m (12022108) 732921.38 4055331.50 3.38589m (12022108)
732946.38 4052331.50 8.92640c (13021908) 732946.38 4052356.50 9.10601c (13021908)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of concentration data for various receptor points.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of concentration data for various receptor points.


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733321.38 4052556.50 11.01185 (12123008) 733321.38 4052581.50 11.30532 (12123008)
733321.38 4052606.50 11.61556 (12123008) 733321.38 4052631.50 11.94522 (12123008)
733321.38 4052656.50 12.29707 (12123008) 733321.38 4052681.50 12.67476 (12123008)
733321.38 4052706.50 13.08029 (12123008) 733321.38 4052731.50 13.51743 (12123008)
733321.38 4052756.50 13.98718 (12123008) 733321.38 4052781.50 14.49050 (12123008)
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733321.38 4052856.50 16.01076 (12123008) 733321.38 4052881.50 19.01120c (14010716)
733321.38 4052906.50 22.31719c (14010716) 733321.38 4054031.50 9.49947c (12021408)
733321.38 4054056.50 8.99520c (12021408) 733321.38 4054081.50 8.50095c (12021408)
733321.38 4054106.50 8.01096c (12021408) 733321.38 4055256.50 3.93022 (13020108)
733321.38 4055281.50 3.86787 (13020108) 733321.38 4055306.50 3.80589 (13020108)
733321.38 4055331.50 3.74443 (13020108) 733346.38 4052331.50 8.94691 (12123008)
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733346.38 4052756.50 13.97324 (12123008) 733346.38 4052781.50 14.47389 (12123008)
733346.38 4052806.50 15.00195 (12123008) 733346.38 4052831.50 15.53264 (12123008)
733346.38 4052856.50 15.99723 (12123008) 733346.38 4052881.50 18.66247c (14010716)
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733346.38 4055331.50 3.87978 (13020108) 733371.38 4052331.50 9.01013 (12123008)
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733371.38 4052506.50 10.50607 (12123008) 733371.38 4052531.50 10.76010 (12123008)
733371.38 4052556.50 11.02877 (12123008) 733371.38 4052581.50 11.31353 (12123008)
733371.38 4052606.50 11.61625 (12123008) 733371.38 4052631.50 11.93947 (12123008)
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733371.38 4052756.50 13.95764 (12123008) 733371.38 4052781.50 14.45718 (12123008)
733371.38 4052806.50 14.98352 (12123008) 733371.38 4052831.50 15.51523 (12123008)
733371.38 4052856.50 15.98306 (12123008) 733371.38 4052881.50 18.23984c (14010716)
733371.38 4052906.50 21.78582c (14010716) 733371.38 4054031.50 10.43212c (12021408)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** *** PAGE 549

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
733371.38	4054056.50	9.96415c (12021408)	733371.38	4054081.50	9.50706c (12021408)
733371.38	4054106.50	9.05582c (12021408)	733371.38	4055256.50	4.15869 (13020108)
733371.38	4055281.50	4.10313 (13020108)	733371.38	4055306.50	4.04788 (13020108)
733371.38	4055331.50	3.99281 (13020108)	733396.38	4052331.50	9.05122 (12123008)
733396.38	4052356.50	9.23586 (12123008)	733396.38	4052381.50	9.42667 (12123008)
733396.38	4052406.50	9.62478 (12123008)	733396.38	4052431.50	9.83113 (12123008)
733396.38	4052456.50	10.04605 (12123008)	733396.38	4052481.50	10.27232 (12123008)
733396.38	4052506.50	10.51040 (12123008)	733396.38	4052531.50	10.76113 (12123008)
733396.38	4052556.50	11.02628 (12123008)	733396.38	4052581.50	11.30875 (12123008)
733396.38	4052606.50	11.60984 (12123008)	733396.38	4052631.50	11.93169 (12123008)
733396.38	4052656.50	12.27635 (12123008)	733396.38	4052681.50	12.64670 (12123008)
733396.38	4052706.50	13.04636 (12123008)	733396.38	4052731.50	13.47695 (12123008)
733396.38	4052756.50	13.94155 (12123008)	733396.38	4052781.50	14.43975 (12123008)
733396.38	4052806.50	14.96527 (12123008)	733396.38	4052831.50	15.49703 (12123008)
733396.38	4052856.50	15.96889 (12123008)	733396.38	4052881.50	18.05322 (13121716)
733396.38	4052906.50	21.24058c (14010716)	733396.38	4054031.50	10.80824c (12021408)
733396.38	4054056.50	10.36694c (12021408)	733396.38	4054081.50	9.93111c (12021408)
733396.38	4054106.50	9.49215c (12021408)	733396.38	4055256.50	4.23969 (13020108)
733396.38	4055281.50	4.18743 (13020108)	733396.38	4055306.50	4.13469 (13020108)
733396.38	4055331.50	4.08258 (13020108)	733421.38	4052331.50	9.07595 (12123008)
733421.38	4052356.50	9.25542 (12123008)	733421.38	4052381.50	9.44141 (12123008)
733421.38	4052406.50	9.63552 (12123008)	733421.38	4052431.50	9.83823 (12123008)
733421.38	4052456.50	10.05083 (12123008)	733421.38	4052481.50	10.27367 (12123008)
733421.38	4052506.50	10.50864 (12123008)	733421.38	4052531.50	10.75791 (12123008)
733421.38	4052556.50	11.02209 (12123008)	733421.38	4052581.50	11.30242 (12123008)
733421.38	4052606.50	11.60135 (12123008)	733421.38	4052631.50	11.92161 (12123008)
733421.38	4052656.50	12.26533 (12123008)	733421.38	4052681.50	12.63471 (12123008)
733421.38	4052706.50	13.03283 (12123008)	733421.38	4052731.50	13.46238 (12123008)
733421.38	4052756.50	13.92522 (12123008)	733421.38	4052781.50	14.42181 (12123008)
733421.38	4052806.50	14.94685 (12123008)	733421.38	4052831.50	15.47879 (12123008)
733421.38	4052856.50	15.95504 (12123008)	733421.38	4052881.50	18.08335 (13121716)
733421.38	4052906.50	20.58048c (14010716)	733421.38	4054031.50	11.13078c (12021408)
733421.38	4054056.50	10.70343c (12021408)	733421.38	4054081.50	10.28975c (12021408)
733421.38	4054106.50	9.88088c (12021408)	733421.38	4055256.50	4.29956 (13020108)
733421.38	4055281.50	4.25052 (13020108)	733421.38	4055306.50	4.20160 (13020108)
733421.38	4055331.50	4.15298 (13020108)	733446.38	4052331.50	9.09005 (12123008)
733446.38	4052356.50	9.26512 (12123008)	733446.38	4052381.50	9.44852 (12123008)
733446.38	4052406.50	9.63973 (12123008)	733446.38	4052431.50	9.83940 (12123008)
733446.38	4052456.50	10.04970 (12123008)	733446.38	4052481.50	10.27130 (12123008)
733446.38	4052506.50	10.50539 (12123008)	733446.38	4052531.50	10.75186 (12123008)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
733446.38	4052556.50	11.01488 (12123008)	733446.38	4052581.50	11.29424 (12123008)
733446.38	4052606.50	11.59259 (12123008)	733446.38	4052631.50	11.91144 (12123008)
733446.38	4052656.50	12.25428 (12123008)	733446.38	4052681.50	12.62221 (12123008)
733446.38	4052706.50	13.01897 (12123008)	733446.38	4052731.50	13.44696 (12123008)
733446.38	4052756.50	13.90882 (12123008)	733446.38	4052781.50	14.40373 (12123008)
733446.38	4052806.50	14.92818 (12123008)	733446.38	4052831.50	15.46035 (12123008)

733571.38 4053206.50 22.28295c (12012508) 733571.38 4053231.50 22.58367c (12012508)
733571.38 4053256.50 22.80787c (12012508) 733571.38 4053281.50 22.91968c (12012508)
733571.38 4053306.50 22.94960c (12012508) 733571.38 4053331.50 22.99172c (12012508)
733571.38 4053356.50 22.92904c (12012508) 733571.38 4053381.50 22.92210c (12012508)
733571.38 4053406.50 22.85533c (12012508) 733571.38 4053431.50 22.81903c (12012508)
733571.38 4053456.50 22.72120c (12012508) 733571.38 4053481.50 22.70698c (12012508)
733571.38 4053506.50 22.69188c (12012508) 733571.38 4053531.50 22.59355c (12012508)
733571.38 4053556.50 22.57710c (12012508) 733571.38 4053581.50 22.55607c (12012508)
733571.38 4053606.50 22.42611c (12012508) 733571.38 4053631.50 21.64718c (12012508)
733571.38 4053656.50 19.10920 (14011508) 733571.38 4053681.50 18.60247 (14011508)
733571.38 4053706.50 17.65832 (14011508) 733571.38 4053731.50 17.36445b (12121408)
733571.38 4053756.50 16.88527b (12121408) 733571.38 4053781.50 16.34238 (13020508)
733571.38 4053806.50 15.81847 (13020508) 733571.38 4053831.50 15.29353 (13020508)
733571.38 4053856.50 14.75352 (13020508) 733571.38 4053881.50 14.25188 (13020508)
733571.38 4053906.50 13.77688c (12021408) 733571.38 4053931.50 13.41586c (12021408)
733571.38 4053956.50 13.06002c (12021408) 733571.38 4053981.50 12.71861c (12021408)
733571.38 4054006.50 12.39702c (12021408) 733571.38 4054031.50 12.08536c (12021408)
733571.38 4054056.50 11.77257c (12021408) 733571.38 4054081.50 11.47468c (12021408)
733571.38 4054106.50 11.18469c (12021408) 733571.38 4054131.50 10.89850c (12021408)
733571.38 4054156.50 10.61096c (12021408) 733571.38 4054181.50 10.32583c (12021408)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two sets of data for receptor points, with the first set starting at 733571.38 and the second set starting at 733596.38.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two sets of data for receptor points, with the first set starting at 733596.38 and the second set starting at 733571.38.

733596.38 4054531.50 6.68367c (12021408) 733596.38 4054556.50 6.40679c (12021408)
733596.38 4054581.50 6.12919c (12021408) 733596.38 4054606.50 5.85073c (12021408)
733596.38 4054631.50 5.57533c (12021408) 733596.38 4054656.50 5.30245c (12021408)
733596.38 4054681.50 5.03218c (12021408) 733596.38 4054706.50 4.92895 (13020108)
733596.38 4054731.50 4.89392 (13020108) 733596.38 4054756.50 4.85822 (13020108)
733596.38 4054781.50 4.82291 (13020108) 733596.38 4054806.50 4.78846 (13020108)
733596.38 4054831.50 4.75438 (13020108) 733596.38 4054856.50 4.72070 (13020108)
733596.38 4054881.50 4.68734 (13020108) 733596.38 4054906.50 4.65403 (13020108)
733596.38 4054931.50 4.62053 (13020108) 733596.38 4054956.50 4.58742 (13020108)
733596.38 4054981.50 4.55505 (13020108) 733596.38 4055006.50 4.52323 (13020108)
733596.38 4055031.50 4.49177 (13020108) 733596.38 4055056.50 4.46053 (13020108)
733596.38 4055081.50 4.42951 (13020108) 733596.38 4055106.50 4.39844 (13020108)
733596.38 4055131.50 4.36701 (13020108) 733596.38 4055156.50 4.33652 (13020108)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 100 rows of receptor point data for source group ALL.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 100 rows of receptor point data for source group ALL.

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Multiple rows of data points for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Multiple rows of data points for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

733746.38 4053031.50 12.41062 (14012208) 733746.38 4053056.50 12.39458 (14012208)

733746.38 4053081.50 12.35840 (14012208) 733746.38 4053106.50 12.34139 (14012208)

733746.38 4053131.50 12.44292c (12012508) 733746.38 4053156.50 13.842037c (12012508)

733746.38 4053181.50 14.94941c (12012508) 733746.38 4053206.50 15.89916c (12012508)

733746.38 4053231.50 16.62365c (12012508) 733746.38 4053256.50 17.20607c (12012508)

733746.38 4053281.50 17.61638c (12012508) 733746.38 4053306.50 17.91516c (12012508)

733746.38 4053331.50 18.12595c (12012508) 733746.38 4053356.50 18.25253c (12012508)

733746.38 4053381.50 18.31145c (12012508) 733746.38 4053406.50 18.35646c (12012508)

733746.38 4053431.50 18.35608c (12012508) 733746.38 4053456.50 18.34657c (12012508)

733746.38 4053481.50 18.34094c (12012508) 733746.38 4053506.50 18.30258c (12012508)

733746.38 4053531.50 18.28142c (12012508) 733746.38 4053556.50 18.26195c (12012508)

733746.38 4053581.50 18.21049c (12012508) 733746.38 4053606.50 18.17317c (12012508)

733746.38 4053631.50 18.05915c (12012508) 733746.38 4053656.50 17.69700c (12012508)

733746.38 4053681.50 16.92888c (12012508) 733746.38 4053706.50 15.59835c (12012508)

733746.38 4053731.50 13.91775 (14011508) 733746.38 4053756.50 14.06540 (14011508)

733746.38 4053781.50 14.10874 (14011508) 733746.38 4053806.50 13.99894 (14011508)

733746.38 4053831.50 13.74639 (14011508) 733746.38 4053856.50 13.33861 (14011508)

733746.38 4053881.50 12.82920 (14011508) 733746.38 4053906.50 12.23245 (14011508)

733746.38 4053931.50 12.08025b (12121408) 733746.38 4053956.50 12.11537b (12121408)

733746.38 4053981.50 12.07418b (12121408) 733746.38 4054006.50 11.99134b (12121408)

733746.38 4054031.50 11.83873b (12121408) 733746.38 4054056.50 11.64097 (13020508)

733746.38 4054081.50 11.46694 (13020508) 733746.38 4054106.50 11.24590 (13020508)

733746.38 4054131.50 11.00637 (13020508) 733746.38 4054156.50 10.74977 (13020508)

733746.38 4054181.50 10.48466 (13020508) 733746.38 4054206.50 10.20909 (13020508)

733746.38 4054231.50 10.07168c (12021408) 733746.38 4054256.50 9.94561c (12021408)

733746.38 4054281.50 9.80784c (12021408) 733746.38 4054306.50 9.65721c (12021408)

733746.38 4054331.50 9.50345c (12021408) 733746.38 4054356.50 9.34499c (12021408)

733746.38 4054381.50 9.18090c (12021408) 733746.38 4054406.50 9.01136c (12021408)

733746.38 4054431.50 8.83495c (12021408) 733746.38 4054456.50 8.65819c (12021408)

733746.38 4054481.50 8.47816c (12021408) 733746.38 4054506.50 8.29450c (12021408)

733746.38 4054531.50 8.10662c (12021408) 733746.38 4054556.50 7.91265c (12021408)

733746.38 4054581.50 7.71793c (12021408) 733746.38 4054606.50 7.52053c (12021408)

733746.38 4054631.50 7.31965c (12021408) 733746.38 4054656.50 7.11529c (12021408)

733746.38 4054681.50 6.90778c (12021408) 733746.38 4054706.50 6.69549c (12021408)

733746.38 4054731.50 6.48239c (12021408) 733746.38 4054756.50 6.26778c (12021408)

733746.38 4054781.50 6.05080c (12021408) 733746.38 4054806.50 5.83229c (12021408)

733746.38 4054831.50 5.61295c (12021408) 733746.38 4054856.50 5.39234c (12021408)

733746.38 4054881.50 5.17026c (12021408) 733746.38 4054906.50 4.95000c (12021408)

733746.38 4054931.50 4.73081c (12021408) 733746.38 4054956.50 4.51313c (12021408)

733746.38 4054981.50 4.29755c (12021408) 733746.38 4055006.50 4.08468c (12021408)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20

*** AERMET - VERSION 18081 *** ** ** ** 11:56:46

*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ***

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): Areal ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
733746.38	4055031.50	3.87467c (12021408)	733746.38	4055056.50	3.70799m (12121208)
733746.38	4055081.50	3.67630m (12121208)	733746.38	4055106.50	3.64433m (12121208)
733746.38	4055131.50	3.61125m (12121208)	733746.38	4055156.50	3.57809m (12121208)
733746.38	4055181.50	3.54382m (12121208)	733746.38	4055206.50	3.50930m (12121208)
733746.38	4055231.50	3.47366m (12121208)	733746.38	4055256.50	3.43731m (12121208)
733746.38	4055281.50	3.40082m (12121208)	733746.38	4055306.50	3.36350m (12121208)
733746.38	4055331.50	3.32560m (12121208)	733771.38	4052331.50	7.80758c (14010708)
733771.38	4052356.50	8.05596c (14010708)	733771.38	4052381.50	8.29880c (14010708)
733771.38	4052406.50	8.53571c (14010708)	733771.38	4052431.50	8.76400c (14010708)
733771.38	4052456.50	8.98109c (14010708)	733771.38	4052481.50	9.18245c (14010708)
733771.38	4052506.50	9.36274c (14010708)	733771.38	4052531.50	9.51411c (14010708)
733771.38	4052556.50	9.62668c (14010708)	733771.38	4052581.50	9.68937c (14010708)
733771.38	4052606.50	9.69109c (14010708)	733771.38	4052631.50	9.62430c (14010708)
733771.38	4052656.50	9.48618c (14010708)	733771.38	4052681.50	9.28051c (14010708)
733771.38	4052706.50	9.01796c (14010708)	733771.38	4052731.50	8.98841 (12010808)
733771.38	4052756.50	9.52266 (12010808)	733771.38	4052781.50	9.91917 (12010808)
733771.38	4052806.50	10.13097 (12010808)	733771.38	4052831.50	10.62756c (14030308)
733771.38	4052856.50	11.18401c (14030308)	733771.38	4052881.50	11.45494c (14030308)
733771.38	4052906.50	11.90981 (14012208)	733771.38	4052931.50	12.07494 (14012208)
733771.38	4052956.50	12.09831 (14012208)	733771.38	4052981.50	12.08654 (14012208)
733771.38	4053006.50	12.06275 (14012208)	733771.38	4053031.50	12.04432 (14012208)
733771.38	4053056.50	12.01773 (14012208)	733771.38	4053081.50	11.99724 (14012208)
733771.38	4053106.50	11.96274 (14012208)	733771.38	4053131.50	11.93851 (14012208)
733771.38	4053156.50	12.84673c (12012508)	733771.38	4053181.50	14.04832c (12012508)
733771.38	4053206.50	15.02223c (12012508)	733771.38	4053231.50	15.83030c (12012508)
733771.38	4053256.50	16.44747c (12012508)	733771.38	4053281.50	16.91676c (12012508)
733771.38	4053306.50	17.26825c (12012508)	733771.38	4053331.50	17.49115c (12012508)
733771.38	4053356.50	17.65012c (12012508)	733771.38	4053381.50	17.75460c (12012508)
733771.38	4053406.50	17.79451c (12012508)	733771.38	4053431.50	17.81703c (12012508)
733771.38	4053456.50	17.82920c (12012508)	733771.38	4053481.50	17.80158c (12012508)
733771.38	4053506.50	17.79112c (12012508)	733771.38	4053531.50	17.77936c (12012508)
733771.38	4053556.50	17.73764c (12012508)	733771.38	4053581.50	17.71584c (12012508)
733771.38	4053606.50	17.68008c (12012508)	733771.38	4053631.50	17.56246c (12012508)
733771.38	4053656.50	17.30243c (12012508)	733771.38	4053681.50	16.68374c (12012508)
733771.38	4053706.50	15.57930c (12012508)	733771.38	4053731.50	14.03692c (12012508)
733771.38	4053756.50	13.44534 (14011508)	733771.38	4053781.50	13.57031 (14011508)
733771.38	4053806.50	13.58737 (14011508)	733771.38	4053831.50	13.47813 (14011508)
733771.38	4053856.50	13.22335 (14011508)	733771.38	4053881.50	12.83965 (14011508)
733771.38	4053906.50	12.35910 (14011508)	733771.38	4053931.50	11.80129 (14011508)
733771.38	4053956.50	11.53378b (12121408)	733771.38	4053981.50	11.60831b (12121408)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20

*** AERMET - VERSION 18081 *** ** ** ** 11:56:46

*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ***

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): Areal ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
733771.38	4054006.50	11.62278b (12121408)	733771.38	4054031.50	11.58219b (12121408)
733771.38	4054056.50	11.46344b (12121408)	733771.38	4054081.50	11.30923b (12121408)
733771.38	4054106.50	11.14286 (13020508)	733771.38	4054131.50	10.95693 (13020508)
733771.38	4054156.50	10.75552 (13020508)	733771.38	4054181.50	10.53347 (13020508)
733771.38	4054206.50	10.29498 (13020508)	733771.38	4054231.50	10.04300 (13020508)
733771.38	4054256.50	9.78527c (12021408)	733771.38	4054281.50	9.68588c (12021408)

733871.38 4055256.50 3.66199c (12021408) 733871.38 4055281.50 3.48434c (12021408)
733871.38 4055306.50 3.30892c (12021408) 733871.38 4055331.50 3.18466m (12121208)
730871.38 4055381.50 3.01084c (14122108) 730871.38 4055431.50 2.69669c (14122108)
730871.38 4055481.50 2.85859c (13121108) 730921.38 4055381.50 2.80280c (14122108)
730921.38 4055431.50 2.95030c (13121108) 730921.38 4055481.50 3.20624c (13121108)
730971.38 4055381.50 3.04628c (13121108) 730971.38 4055431.50 3.30819c (13121108)
730971.38 4055481.50 3.54321c (13121108) 731021.38 4055381.50 3.41476c (13121108)
731021.38 4055431.50 3.65406c (13121108) 731021.38 4055481.50 3.85724c (13121108)
731071.38 4055381.50 3.76983c (13121108) 731071.38 4055431.50 3.97487c (13121108)
731071.38 4055481.50 4.13593c (13121108) 731121.38 4055381.50 4.09750c (13121108)
731121.38 4055431.50 4.25754c (13121108) 731121.38 4055481.50 4.36688c (13121108)
731171.38 4055381.50 4.38418c (13121108) 731171.38 4055431.50 4.48960c (13121108)
731171.38 4055481.50 4.53952c (13121108) 731221.38 4055381.50 4.61709c (13121108)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
*** 06/30/20
*** 11:56:46
*** PAGE 574

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of receptor point data for the first simulation.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
*** 06/30/20
*** 11:56:46
*** PAGE 575

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains multiple rows of receptor point data for the second simulation.

733671.38	4055481.50	3.69857	(13020108)	733721.38	4055381.50	3.41669	(13020108)
733721.38	4055431.50	3.40919	(13020108)	733721.38	4055481.50	3.39957	(13020108)
733771.38	4055381.50	3.26541m	(12121208)	733771.38	4055431.50	3.19433m	(12121208)
733771.38	4055481.50	3.12078m	(12121208)	733821.38	4055381.50	3.24809m	(12121208)
733821.38	4055431.50	3.19596m	(12121208)	733821.38	4055481.50	3.14040m	(12121208)
733871.38	4055381.50	3.15864m	(12121208)	733871.38	4055431.50	3.12788m	(12121208)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
 PAGE 576

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
733871.38	4055481.50	3.09264m	(12121208)	733921.38	4055381.50	3.35178c	(12021408)
733921.38	4055431.50	3.02676c	(12021408)	733921.38	4055481.50	2.97356m	(12121208)
733971.38	4055381.50	3.87168c	(12021408)	733971.38	4055431.50	3.54744c	(12021408)
733971.38	4055481.50	3.23070c	(12021408)	734021.38	4055381.50	4.34477c	(12021408)
734021.38	4055431.50	4.03396c	(12021408)	734021.38	4055481.50	3.72411c	(12021408)
733921.38	4055331.50	3.68862c	(12021408)	733921.38	4055281.50	4.03406c	(12021408)
733921.38	4055231.50	4.38307c	(12021408)	733921.38	4055181.50	4.73359c	(12021408)
733921.38	4055131.50	5.08153c	(12021408)	733921.38	4055081.50	5.42348c	(12021408)
733921.38	4055031.50	5.75950c	(12021408)	733921.38	4054981.50	6.08149c	(12021408)
733921.38	4054931.50	6.38901c	(12021408)	733921.38	4054881.50	6.68113c	(12021408)
733921.38	4054831.50	6.95444c	(12021408)	733921.38	4054781.50	7.20389c	(12021408)
733921.38	4054731.50	7.42892c	(12021408)	733921.38	4054681.50	7.62600c	(12021408)
733921.38	4054631.50	7.78636c	(12021408)	733921.38	4054581.50	7.90703c	(12021408)
733921.38	4054531.50	7.97936c	(12021408)	733921.38	4054481.50	8.32069	(13020508)
733921.38	4054431.50	8.67709	(13020508)	733921.38	4054381.50	8.96367	(13020508)
733921.38	4054331.50	9.19400b	(12121408)	733921.38	4054281.50	9.38162b	(12121408)
733921.38	4054231.50	9.43810b	(12121408)	733921.38	4054181.50	9.34285b	(12121408)
733921.38	4054131.50	9.07665b	(12121408)	733921.38	4054081.50	9.77340	(14011508)
733921.38	4054031.50	10.52807	(14011508)	733921.38	4053981.50	11.03894	(14011508)
733921.38	4053931.50	11.22656	(14011508)	733921.38	4053881.50	11.09222	(14011508)
733921.38	4053831.50	10.70959	(14011508)	733921.38	4053781.50	12.04409c	(12012508)
733921.38	4053731.50	14.02962c	(12012508)	733921.38	4053681.50	14.94818c	(12012508)
733921.38	4053631.50	15.20881c	(12012508)	733921.38	4053581.50	15.26906c	(12012508)
733921.38	4053531.50	15.27099c	(12012508)	733921.38	4053481.50	15.23722c	(12012508)
733921.38	4053431.50	15.10924c	(12012508)	733921.38	4053381.50	14.77778c	(12012508)
733921.38	4053331.50	14.15149c	(12012508)	733921.38	4053281.50	13.07577c	(12012508)
733921.38	4053231.50	11.42826c	(12012508)	733921.38	4053181.50	9.97299	(14012208)
733921.38	4053131.50	10.14160	(14012208)	733921.38	4053081.50	10.22623	(14012208)
733921.38	4053031.50	10.27395	(14012208)	733921.38	4052981.50	10.30591	(14012208)
733921.38	4052931.50	10.30393	(14012208)	733921.38	4052881.50	10.08310	(14012208)
733921.38	4052831.50	9.52522c	(14030308)	733921.38	4052781.50	8.90507c	(14030308)
733921.38	4052731.50	8.48810	(12010808)	733921.38	4052681.50	8.18087	(12010808)
733921.38	4052631.50	7.49552	(12010808)	733921.38	4052581.50	6.57018	(12010808)
733921.38	4052531.50	6.96683c	(14010708)	733921.38	4052481.50	7.38317c	(14010708)
733921.38	4052431.50	7.65679c	(14010708)	733921.38	4052381.50	7.77298c	(14010708)
733921.38	4052331.50	7.74309c	(14010708)	733921.38	4052281.50	7.55300c	(14010708)
733921.38	4052231.50	7.35339c	(14010708)	733921.38	4052181.50	7.04777c	(14010708)
733971.38	4055331.50	4.20123c	(12021408)	733971.38	4055281.50	4.53178c	(12021408)
733971.38	4055231.50	4.85909c	(12021408)	733971.38	4055181.50	5.18110c	(12021408)
733971.38	4055131.50	5.49437c	(12021408)	733971.38	4055081.50	5.79849c	(12021408)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
 PAGE 577

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
733971.38	4055031.50	6.08607c	(12021408)	733971.38	4054981.50	6.35674c	(12021408)
733971.38	4054931.50	6.60771c	(12021408)	733971.38	4054881.50	6.83925c	(12021408)
733971.38	4054831.50	7.04186c	(12021408)	733971.38	4054781.50	7.21501c	(12021408)
733971.38	4054731.50	7.35635c	(12021408)	733971.38	4054681.50	7.45497c	(12021408)
733971.38	4054631.50	7.50616c	(12021408)	733971.38	4054581.50	7.75143	(13020508)
733971.38	4054531.50	8.09046	(13020508)	733971.38	4054481.50	8.37549	(13020508)
733971.38	4054431.50	8.58923	(13020508)	733971.38	4054381.50	8.78985b	(12121408)
733971.38	4054331.50	8.89439b	(12121408)	733971.38	4054281.50	8.86471b	(12121408)
733971.38	4054231.50	8.69560b	(12121408)	733971.38	4054181.50	8.42354	(14011508)
733971.38	4054131.50	9.26004	(14011508)	733971.38	4054081.50	9.94701	(14011508)
733971.38	4054031.50	10.42746	(14011508)	733971.38	4053981.50	10.62520	(14011508)
733971.38	4053931.50	10.53062	(14011508)	733971.38	4053881.50	10.19413	(14011508)
733971.38	4053831.50	9.99722c	(13011108)	733971.38	4053781.50	12.22224c	(12012508)
733971.38	4053731.50	13.75428c	(12012508)	733971.38	4053681.50	14.40353c	(12012508)
733971.38	4053631.50	14.57472c	(12012508)	733971.38	4053581.50	14.61518c	(12012508)
733971.38	4053531.50	14.60979c	(12012508)	733971.38	4053481.50	14.52250c	(12012508)
733971.38	4053431.50	14.32476c	(12012508)	733971.38	4053381.50	13.90338c	(12012508)
733971.38	4053331.50	13.12914c	(12012508)	733971.38	4053281.50	11.88337c	(12012508)
733971.38	4053231.50	10.08633c	(12012508)	733971.38	4053181.50	9.45018	(14012208)
733971.38	4053131.50	9.66296	(14012208)	733971.38	4053081.50	9.75976	(14012208)
733971.38	4053031.50	9.81478	(14012208)	733971.38	4052981.50	9.84673	(14012208)
733971.38	4052931.50	9.84922	(14012208)	733971.38	4052881.50	9.68790	(14012208)
733971.38	4052831.50	9.13469c	(14030308)	733971.38	4052781.50	8.72466c	(14030308)
733971.38	4052731.50	8.07683	(12010808)	733971.38	4052681.50	7.98891	(12010808)
733971.38	4052631.50	7.56833	(12010808)	733971.38	4052581.50	6.84707	(12010808)
733971.38	4052531.50	5.95921	(12010808)	733971.38	4052481.50	6.38336c	(14010708)
733971.38	4052431.50	6.80479c	(14010708)	733971.38	4052381.50	7.10874c	(14010708)
733971.38	4052331.50	7.27746c	(14010708)	733971.38	4052281.50	7.31297c	(14010708)
733971.38	4052231.50	7.23114c	(14010708)	733971.38	4052181.50	7.05501c	(14010708)
734021.38	4055331.50	4.65446c	(12021408)	734021.38	4055281.50	4.95838c	(12021408)
734021.38	4055231.50	5.25323c	(12021408)	734021.38	4055181.50	5.53673c	(12021408)
734021.38	4055131.50	5.80737c	(12021408)	734021.38	4055081.50	6.06106c	(12021408)
734021.38	4055031.50	6.29391c	(12021408)	734021.38	4054981.50	6.50413c	(12021408)
734021.38	4054931.50	6.68998c	(12021408)	734021.38	4054881.50	6.84647c	(12021408)
734021.38	4054831.50	6.96750c	(12021408)	734021.38	4054781.50	7.05130c	(12021408)
734021.38	4054731.50	7.09074c	(12021408)	734021.38	4054681.50	7.23205	(13020508)
734021.38	4054631.50	7.56560	(13020508)	734021.38	4054581.50	7.84708	(13020508)
734021.38	4054531.50	8.06430	(13020508)	734021.38	4054481.50	8.25629b	(12121408)
734021.38	4054431.50	8.39026b	(12121408)	734021.38	4054381.50	8.41734b	(12121408)
734021.38	4054331.50	8.32010b	(12121408)	734021.38	4054281.50	8.09202b	(12121408)

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734021.38	4054231.50	8.01231	(14011508)	734021.38	4054181.50	8.78941	(14011508)
734021.38	4054131.50	9.44197	(14011508)	734021.38	4054081.50	9.88228	(14011508)
734021.38	4054031.50	10.08478	(14011508)	734021.38	4053981.50	10.02284	(14011508)
734021.38	4053931.50	9.72591	(14011508)	734021.38	4053881.50	9.31139c	(13011108)
734021.38	4053831.50	10.31326c	(12012508)	734021.38	4053781.50	12.27312c	(12012508)
734021.38	4053731.50	13.42221c	(12012508)	734021.38	4053681.50	13.88848c	(12012508)
734021.38	4053631.50	14.00868c	(12012508)	734021.38	4053581.50	14.02006c	(12012508)
734021.38	4053531.50	13.98642c	(12012508)	734021.38	4053481.50	13.86652c	(12012508)
734021.38	4053431.50	13.57335c	(12012508)	734021.38	4053381.50	13.03642c	(12012508)
734021.38	4053331.50	12.12555c	(12012508)	734021.38	4053281.50	10.73204c	(12012508)
734021.38	4053231.50	8.81396c	(12012508)	734021.38	4053181.50	8.95372	(14012208)
734021.38	4053131.50	9.21154	(14012208)	734021.38	4053081.50	9.34256	(14012208)
734021.38	4053031.50	9.40185	(14012208)	734021.38	4052981.50	9.43630	(14012208)
734021.38	4052931.50	9.44243	(14012208)	734021.38	4052881.50	9.32177	(14012208)
734021.38	4052831.50	8.78742	(14012208)	734021.38	4052781.50	8.49966c	(14030308)
734021.38	4052731.50	7.81932c	(14030308)	734021.38	4052681.50	7.69429	(12010808)
734021.38	4052631.50	7.49451	(12010808)	734021.38	4052581.50	6.99700	(12010808)
734021.38	4052531.50	6.26342	(12010808)	734021.38	4052481.50	5.41440	(12010808)
734021.38	4052431.50	5.86344c	(14010708)	734021.38	4052381.50	6.28624c	(14010708)
734021.38	4052331.50	6.61004c	(14010708)	734021.38	4052281.50	6.81806c	(14010708)
734021.38	4052231.50	6.90579c	(14010708)	734021.38	4052181.50	6.88225c	(14010708)
733871.38	4052281.50	7.65826c	(14010708)	733871.38	4052231.50	7.29351c	(14010708)
733871.38	4052181.50	6.88978c	(14010708)	733821.38	4052281.50	7.54493c	(14010708)
733821.38	4052231.50	7.08916c	(14010708)	733821.38	4052181.50	6.61154c	(14010708)
733771.38	4052281.50	7.29693c	(14010708)	733771.38	4052231.50	6.77078c	(14010708)
733771.38	4052181.50	6.23232c	(14010708)	733721.38	4052281.50	6.94549	(12123008)
733721.38	4052231.50	7.01342	(12123008)	733721.38	4052181.50	7.03430	(12123008)
733671.38	4052281.50	7.98067	(12123008)	733671.38	4052231.50	7.86493	(12123008)
733671.38	4052181.50	7.73241	(12123008)	733621.38	4052281.50	8.52170	(12123008)
733621.38	4052231.50	8.28923	(12123008)	733621.38	4052181.50	8.06672	(12123008)
733571.38	4052281.50	8.72046	(12123008)	733571.38	4052231.50	8.44187	(12123008)
733571.38	4052181.50	8.18307	(12123008)	733521.38	4052281.50	8.76984	(12123008)
733521.38	4052231.50	8.47695	(12123008)	733521.38	4052181.50	8.20384	(12123008)
733471.38	4052281.50	8.76923	(12123008)	733471.38	4052231.50	8.46477	(12123008)
733471.38	4052181.50	8.17824	(12123008)	733421.38	4052281.50	8.73463	(12123008)
733421.38	4052231.50	8.41096	(12123008)	733421.38	4052181.50	8.10011	(12123008)
733371.38	4052281.50	8.63988	(12123008)	733371.38	4052231.50	8.28184	(12123008)
733371.38	4052181.50	7.93262	(12123008)	733321.38	4052281.50	8.44137c	(14010408)
733321.38	4052231.50	8.14987c	(14010408)	733321.38	4052181.50	7.88129c	(14010408)
733271.38	4052281.50	8.50131c	(14010408)	733271.38	4052231.50	8.21554c	(14010408)

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733271.38	4052181.50	7.95188c	(14010408)	733221.38	4052281.50	8.52015c	(14010408)
733221.38	4052231.50	8.23561c	(14010408)	733221.38	4052181.50	7.97424c	(14010408)
733171.38	4052281.50	8.52941c	(14010408)	733171.38	4052231.50	8.24459c	(14010408)
733171.38	4052181.50	7.98169c	(14010408)	733121.38	4052281.50	8.52946c	(14010408)
733121.38	4052231.50	8.24247c	(14010408)	733121.38	4052181.50	7.97757c	(14010408)
733071.38	4052281.50	8.50882c	(14010408)	733071.38	4052231.50	8.21458c	(14010408)
733071.38	4052181.50	7.94199c	(14010408)	733021.38	4052281.50	8.40473c	(14010408)
733021.38	4052231.50	8.09430c	(14010408)	733021.38	4052181.50	7.80481c	(14010408)
732971.38	4052281.50	8.53689c	(13021908)	732971.38	4052231.50	8.19957c	(13021908)
732971.38	4052181.50	7.87464c	(13021908)	732921.38	4052281.50	8.61487c	(13021908)
732921.38	4052231.50	8.30370c	(13021908)	732921.38	4052181.50	8.00806c	(13021908)
732871.38	4052281.50	8.64915c	(13021908)	732871.38	4052231.50	8.34883c	(13021908)
732871.38	4052181.50	8.06894c	(13021908)	732821.38	4052281.50	8.65720c	(13021908)
732821.38	4052231.50	8.36341c	(13021908)	732821.38	4052181.50	8.09105c	(13021908)
732771.38	4052281.50	8.60191c	(13021908)	732771.38	4052231.50	8.32566c	(13021908)
732771.38	4052181.50	8.06767c	(13021908)	732721.38	4052281.50	8.79994	(14021508)
732721.38	4052231.50	8.37108	(14021508)	732721.38	4052181.50	7.93837	(14021508)
732671.38	4052281.50	8.93616	(14021508)	732671.38	4052231.50	8.56246	(14021508)
732671.38	4052181.50	8.18682	(14021508)	732621.38	4052281.50	8.93111	(14021508)
732621.38	4052231.50	8.62919	(14021508)	732621.38	4052181.50	8.31500	(14021508)
732571.38	4052281.50	8.68821	(14021508)	732571.38	4052231.50	8.51278	(14021508)
732571.38	4052181.50	8.29404	(14021508)	732521.38	4052281.50	8.22010	(12012208)
732521.38	4052231.50	8.11728	(14021508)	732521.38	4052181.50	8.04905	(14021508)
732471.38	4052281.50	8.04196	(12012208)	732471.38	4052231.50	7.86590	(12012208)
732471.38	4052181.50	7.60848	(12012208)	732421.38	4052281.50	7.50801	(12012208)
732421.38	4052231.50	7.59724	(12012208)	732421.38	4052181.50	7.50284	(12012208)
732371.38	4052281.50	6.87214	(12012208)	732371.38	4052231.50	7.07200	(12012208)
732371.38	4052181.50	7.16241	(12012208)	732321.38	4052281.50	6.01973	(12012208)
732321.38	4052231.50	6.29886	(12012208)	732321.38	4052181.50	6.59663	(12012208)
732271.38	4052281.50	5.72953	(13121908)	732271.38	4052231.50	5.43850	(12012208)
732271.38	4052181.50	5.80659	(12012208)	732221.38	4052281.50	5.86494	(13121908)
732221.38	4052231.50	5.48841	(13121908)	732221.38	4052181.50	5.00849	(13121908)
732171.38	4052281.50	5.82857	(13121908)	732171.38	4052231.50	5.62354	(13121908)
732171.38	4052181.50	5.26750	(13121908)	732121.38	4052281.50	5.63192	(13121908)
732121.38	4052231.50	5.59879	(13121908)	732121.38	4052181.50	5.40076	(13121908)
732071.38	4052281.50	5.31700	(13121908)	732071.38	4052231.50	5.42436	(13121908)
732071.38	4052181.50	5.38690	(13121908)	732021.38	4052281.50	4.92794	(13121908)
732021.38	4052231.50	5.13592	(13121908)	732021.38	4052181.50	5.23295	(13121908)
731971.38	4052281.50	4.55702	(13120108)	731971.38	4052231.50	4.77164	(13121908)
731971.38	4052181.50	4.96805	(13121908)	731921.38	4052281.50	4.57026	(13120108)

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains 40 rows of concentration data for various receptor points.

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*** MODELPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). Contains 40 rows of concentration data for various receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH).

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains receptor point data for various locations.

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains discrete Cartesian receptor points data.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains discrete Cartesian receptor points data.

729971.38 4054559.25 3.21219c (12010908) 729971.38 4054798.25 2.99541c (12011508)
729971.38 4055037.00 2.04946c (13013008) 729971.38 4055276.00 2.83014c (12012408)
729971.38 4055514.75 3.47959c (12012408) 729971.38 4055753.75 3.06409c (14122108)
729971.38 4055992.50 2.85741c (14122108) 729971.38 4056231.50 2.15021 (12110608)
729971.38 4056731.50 2.88732c (13121108) 729971.38 4057231.50 2.45529c (13121108)
730454.69 4056731.50 2.45155c (13121108) 730454.69 4057231.50 1.88700 (12020208)
730938.06 4056731.50 2.15219 (12020208) 730938.06 4057231.50 1.48260 (12010216)
731421.38 4056731.50 1.14045 (12010216) 731421.38 4057231.50 1.04068 (12120416)
731904.69 4056731.50 1.05949c (12122816) 731904.69 4057231.50 1.21876 (12013008)
732388.06 4056731.50 1.84793 (12013008) 732388.06 4057231.50 1.53834m (12022108)
732871.38 4056731.50 1.90570 (13021208) 732871.38 4057231.50 1.68633 (13021208)
733354.69 4056731.50 1.82548 (14120608) 733354.69 4057231.50 1.46872 (14120608)
733838.06 4056731.50 2.57210 (13020108) 733838.06 4057231.50 2.37798 (13020108)

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists discrete Cartesian receptor points with their coordinates and concentrations.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFPANIAE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It lists discrete Cartesian receptor points with their coordinates and concentrations.

*** AERMOT - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): Areal ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	CONC (YYMDDHH)
733502.06	4054703.06	5.44899	(13020108)
733502.92	4054653.64	5.57072	(13020108)
733503.77	4054604.23	5.69981	(13020108)
733504.62	4054554.82	5.83421	(13020108)
733505.47	4054505.41	5.97741	(13020108)
733506.33	4054455.99	6.20439c	(12021408)
733507.18	4054406.58	6.85644c	(12021408)
733508.03	4054357.17	7.51643c	(12021408)
733508.88	4054307.76	8.17620c	(12021408)
733509.73	4054258.35	8.83231c	(12021408)
733504.80	4054189.70	9.68368c	(12021408)
733499.45	4054145.75	10.22396c	(12021408)
733447.04	4054121.71	9.99054c	(12021408)
733397.32	4054119.64	9.28307c	(12021408)
733347.59	4054117.57	8.37868c	(12021408)
733297.86	4054115.50	7.88952	(13020108)
733248.14	4054113.43	7.87559	(13020108)
733198.41	4054111.36	7.83209	(13020108)
733148.69	4054109.29	7.70266	(13020108)
733098.96	4054107.23	7.39246	(13020108)
733049.23	4054105.16	6.76128	(13020108)
732999.51	4054103.09	6.51279m	(12022108)
732949.78	4054101.02	6.51108m	(12022108)
732900.05	4054098.95	6.47531m	(12022108)
732850.33	4054096.88	6.30612m	(12022108)
732800.60	4054094.81	7.01401c	(13121108)
732750.88	4054092.74	7.99677c	(13121108)
732701.15	4054090.67	8.89354c	(13121108)
732651.42	4054088.60	9.69261c	(13121108)
732601.70	4054086.53	10.37574c	(13121108)
732551.97	4054084.46	10.91614c	(13121108)
732502.24	4054082.39	11.27044c	(13121108)
732452.52	4054080.32	11.33742c	(13121108)
732402.79	4054078.25	11.04484c	(13121108)
732353.06	4054076.19	10.39891c	(13121108)
732303.34	4054074.12	9.49122c	(13121108)
732253.61	4054072.05	8.63735c	(14122108)
732203.89	4054069.98	8.59489c	(14122108)
732154.16	4054067.91	8.65835c	(12012408)
732104.43	4054065.84	8.66375c	(12012408)

*** AERMOT - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): Areal ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	CONC (YYMDDHH)
732054.71	4054063.77	8.52346c	(12012408)
732000.73	4054083.22	8.23063c	(12012408)
731992.23	4054126.27	8.06810c	(12012408)
731982.61	4054193.68	7.56182c	(12012408)
731980.38	4054242.42	7.24144c	(14122108)
731978.15	4054291.16	6.99118c	(14122108)
731975.92	4054339.90	6.59302c	(14122108)
731973.69	4054388.65	6.64568c	(13121108)
731971.46	4054437.39	6.98173c	(13121108)
731969.23	4054486.13	7.21922c	(13121108)
731967.00	4054534.87	7.35031c	(13121108)
731964.77	4054583.61	7.37322c	(13121108)
731962.54	4054632.35	7.29272c	(13121108)
731960.31	4054681.09	7.11683c	(13121108)
731958.08	4054729.83	8.86178c	(13121108)
731955.85	4054778.58	6.53976c	(13121108)
731953.62	4054827.32	6.16513c	(13121108)
731951.39	4054876.06	5.75036c	(13121108)
731949.16	4054924.80	5.30783c	(13121108)
731947.17	4054977.20	4.61038c	(13121108)
731946.30	4055045.24	4.20778	(12020208)
731945.43	4055093.27	4.12715	(12020208)
731944.56	4055141.31	4.01683	(12020208)
731215.24	4053954.55	5.09031c	(12020308)
731968.42	4053126.00	8.37748c	(12011408)
731777.42	4052972.13	6.85638	(14012108)
731962.24	4052851.84	6.24802	(12121308)
731239.99	4053955.59	5.09115c	(12020308)
731289.48	4053957.66	5.08194c	(12020308)
731338.97	4053959.73	5.19801c	(12010908)
731388.46	4053961.80	5.38292c	(12010908)
731437.95	4053963.87	5.5412c	(12010908)
731487.44	4053965.94	5.71043c	(12010908)
731536.93	4053968.01	5.85090c	(12010908)
731586.42	4053970.08	5.97384c	(12010908)
731635.91	4053972.15	6.07657c	(12010908)
731685.40	4053974.22	6.15534c	(12010908)
731734.90	4053976.30	6.22183c	(12011508)
731784.39	4053978.37	6.28337c	(12011508)
731833.88	4053980.44	6.30668c	(12011508)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. Contains data for receptor points and source group values.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. Contains detailed data for discrete Cartesian receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. Contains detailed data for discrete Cartesian receptor points.

732003.10	4053436.54	10.53703c	(12011408)	732002.07	4053461.42	10.43733c	(12011408)
732001.04	4053486.30	10.28195c	(12011408)	732000.01	4053511.19	10.05700c	(12011408)
731998.98	4053536.07	9.74919c	(12011408)	731997.95	4053560.96	9.34301c	(12011408)
731996.92	4053585.84	8.83350c	(12011408)	731995.89	4053610.72	8.69517c	(13010908)
731994.86	4053635.61	8.64088c	(13010908)	731993.83	4053660.49	8.53968c	(13010908)
731992.79	4053685.37	8.37113c	(13010908)	731991.76	4053710.26	8.11365c	(13010908)
731990.73	4053735.14	7.75009c	(13010908)	731989.70	4053760.02	7.47141c	(12010908)
731988.67	4053784.91	7.48267c	(12010908)	731618.98	4052754.41	5.23153	(12121308)
731970.56	4052769.07	6.25282	(12112808)	731984.67	4052430.30	4.81294	(13120108)
731630.89	4052415.47	3.97476	(12112808)	731622.73	4052615.08	5.01561	(12112808)
731617.25	4052630.86	5.00807	(12112808)	731615.97	4052668.93	4.97810	(12112808)
731621.54	4052690.04	5.07873	(12121308)	731642.42	4052755.39	5.28335	(12121308)
731665.86	4052756.36	5.33507	(12121308)	731689.30	4052757.34	5.38812	(12121308)
731712.73	4052758.32	5.44222	(12121308)	731736.17	4052759.30	5.49656	(12121308)
731759.61	4052760.27	5.55232	(12121308)	731783.05	4052761.25	5.60818	(12121308)
731806.49	4052762.23	5.66611	(12121308)	731829.93	4052763.21	5.72424	(12121308)
731853.37	4052764.18	5.78375	(12121308)	731876.81	4052765.16	5.84708	(12121308)
731900.24	4052766.14	5.94865	(12112808)	731923.68	4052767.12	6.05004	(12112808)
731947.12	4052768.09	6.15203	(12112808)	731971.57	4052744.87	6.24765	(12112808)
731972.58	4052720.67	6.21174	(12112808)	731973.58	4052696.48	6.14110	(12112808)
731974.59	4052672.28	6.03320	(12112808)	731975.60	4052648.08	5.88518	(12112808)
731976.61	4052623.88	5.69633	(12112808)	731977.62	4052599.69	5.46710	(12112808)
731978.62	4052575.49	5.19883	(12112808)	731979.63	4052551.29	4.89672	(12112808)
731980.64	4052527.09	4.56641	(12112808)	731981.65	4052502.89	4.60811	(13120108)
731982.65	4052478.70	4.69487	(13120108)	731983.66	4052454.50	4.76497	(13120108)
731961.08	4052429.31	4.71209	(13120108)	731937.50	4052428.32	4.60551	(13120108)
731913.91	4052427.33	4.49285	(13120108)	731890.33	4052426.35	4.37614	(13120108)
731866.74	4052425.36	4.25549	(13120108)	731843.16	4052424.37	4.13097	(13120108)
731819.57	4052423.38	4.00309	(13120108)	731795.99	4052422.39	3.87218	(13120108)
731772.40	4052421.40	3.74840	(12112808)	731748.82	4052420.41	3.79650	(12112808)
731725.23	4052419.42	3.84029	(12112808)	731701.65	4052418.44	3.88004	(12112808)
731678.06	4052417.45	3.91552	(12112808)	731654.48	4052416.46	3.94700	(12112808)
731629.87	4052440.42	4.19503	(12112808)	731628.85	4052465.37	4.39351	(12112808)
731627.83	4052490.32	4.56677	(12112808)	731626.81	4052515.28	4.96055	(12112808)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)

 731625.79 4052540.23 5.07082 (12112808) 731624.77 4052565.18 4.92152 (12112808)
 731623.75 4052590.13 4.98266 (12112808) 731616.61 4052649.90 5.00041 (12112808)
 731620.69 4052711.50 5.15112 (12121308) 731619.83 4052732.95 5.20026 (12121308)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)

 730871.38 4052331.50 1.26450 (12112824) 730871.38 4052356.50 1.26121 (12112824)
 730871.38 4052381.50 1.25179 (12112824) 730871.38 4052406.50 1.23704 (12112824)
 730871.38 4052431.50 1.21663 (12112824) 730871.38 4052456.50 1.23905 (12121324)
 730871.38 4052481.50 1.26849 (12121324) 730871.38 4052506.50 1.28999 (12121324)
 730871.38 4052531.50 1.30462 (12121324) 730871.38 4052556.50 1.31360 (12121324)
 730871.38 4052581.50 1.31764 (12121324) 730871.38 4052606.50 1.31733 (12121324)
 730871.38 4052631.50 1.31563c (15020324) 730871.38 4052656.50 1.33117c (15020324)
 730871.38 4052681.50 1.34017c (15020324) 730871.38 4052706.50 1.34323c (15020324)
 730871.38 4052731.50 1.34074c (15020324) 730871.38 4052756.50 1.34342 (14012424)
 730871.38 4052781.50 1.34997 (14012424) 730871.38 4052806.50 1.35127 (14012424)
 730871.38 4052831.50 1.39245c (14012124) 730871.38 4052856.50 1.50106c (14012124)
 730871.38 4052881.50 1.59639c (14012124) 730871.38 4052906.50 1.67727c (14012124)
 730871.38 4052931.50 1.74348c (14012124) 730871.38 4052956.50 1.79634c (14012124)
 730871.38 4052981.50 1.83708c (14012124) 730871.38 4053006.50 1.83307c (14012124)
 730871.38 4053031.50 1.86116c (14012124) 730871.38 4053056.50 1.88010c (14012124)
 730871.38 4053081.50 1.89030c (14012124) 730871.38 4053106.50 1.89178c (14012124)
 730871.38 4053131.50 1.88477c (14012124) 730871.38 4053156.50 1.86932c (14012124)
 730871.38 4053181.50 1.84464c (14012124) 730871.38 4053206.50 1.81081c (14012124)
 730871.38 4053231.50 1.76694c (14012124) 730871.38 4053256.50 1.79519c (12011424)
 730871.38 4053281.50 1.86870c (12011424) 730871.38 4053306.50 1.93472c (12011424)
 730871.38 4053331.50 1.99325c (12011424) 730871.38 4053356.50 2.04369c (12011424)
 730871.38 4053381.50 2.08569c (12011424) 730871.38 4053406.50 2.11932c (12011424)
 730871.38 4053431.50 2.14397c (12011424) 730871.38 4053456.50 2.15954c (12011424)
 730871.38 4053481.50 2.16537c (12011424) 730871.38 4053506.50 2.16132c (12011424)
 730871.38 4053531.50 2.14726c (12011424) 730871.38 4053556.50 2.12272c (12011424)
 730871.38 4053581.50 2.08815c (12011424) 730871.38 4053606.50 2.04329c (12011424)
 730871.38 4053631.50 1.98885c (12011424) 730871.38 4053656.50 1.92526c (12011424)
 730871.38 4053681.50 1.85363c (12011424) 730871.38 4053706.50 1.77464c (12011424)
 730871.38 4053731.50 1.69004c (12011424) 730871.38 4053756.50 1.60093c (12011424)
 730871.38 4053781.50 1.59390c (13010924) 730871.38 4053806.50 1.59425c (13010924)
 730871.38 4053831.50 1.58649c (13010924) 730871.38 4053856.50 1.57046c (13010924)
 730871.38 4053881.50 1.54541c (13010924) 730871.38 4053906.50 1.51122c (13010924)
 730871.38 4053931.50 1.48692c (12020324) 730871.38 4053956.50 1.47853c (12020324)
 730871.38 4053981.50 1.46224c (12020324) 730871.38 4054006.50 1.43785c (12020324)
 730871.38 4054031.50 1.40474c (12020324) 730871.38 4054056.50 1.36322c (12020324)
 730871.38 4054081.50 1.40019c (12010924) 730871.38 4054106.50 1.44839c (12011524)
 730871.38 4054131.50 1.51916c (12011524) 730871.38 4054156.50 1.58485c (12011524)
 730871.38 4054181.50 1.64465c (12011524) 730871.38 4054206.50 1.69814c (12011524)
 730871.38 4054231.50 1.74443c (12011524) 730871.38 4054256.50 1.78332c (12011524)
 730871.38 4054281.50 1.81383c (12011524) 730871.38 4054306.50 1.83601c (12011524)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
730871.38	4054331.50	1.84879c	(12011524)	730871.38	4054356.50	1.85225c	(12011524)
730871.38	4054381.50	1.84588c	(12011524)	730871.38	4054406.50	1.82993c	(12011524)
730871.38	4054431.50	1.80422c	(12011524)	730871.38	4054456.50	1.76914c	(12011524)
730871.38	4054481.50	1.72526c	(12011524)	730871.38	4054506.50	1.67289c	(12011524)
730871.38	4054531.50	1.61320c	(12011524)	730871.38	4054556.50	1.54701c	(12011524)
730871.38	4054581.50	1.47516c	(12011524)	730871.38	4054606.50	1.39905c	(12011524)
730871.38	4054631.50	1.37593c	(12012424)	730871.38	4054656.50	1.41630c	(12012424)
730871.38	4054681.50	1.45313c	(12012424)	730871.38	4054706.50	1.48546c	(12012424)
730871.38	4054731.50	1.51307c	(12012424)	730871.38	4054756.50	1.53512c	(12012424)
730871.38	4054781.50	1.55124c	(12012424)	730871.38	4054806.50	1.56101c	(12012424)
730871.38	4054831.50	1.56415c	(12012424)	730871.38	4054856.50	1.56052c	(12012424)
730871.38	4054881.50	1.54992c	(12012424)	730871.38	4054906.50	1.53249c	(12012424)
730871.38	4054931.50	1.50841c	(12012424)	730871.38	4054956.50	1.47785c	(12012424)
730871.38	4054981.50	1.44347c	(14011324)	730871.38	4055006.50	1.43678c	(14011324)
730871.38	4055031.50	1.42415c	(14011324)	730871.38	4055056.50	1.40572c	(14011324)
730871.38	4055081.50	1.38177c	(14011324)	730871.38	4055106.50	1.38264c	(14011324)
730871.38	4055131.50	1.31873c	(14011324)	730871.38	4055156.50	1.28045c	(14011324)
730871.38	4055181.50	1.23836c	(14011324)	730871.38	4055206.50	1.19292c	(14011324)
730871.38	4055231.50	1.14469c	(14011324)	730871.38	4055256.50	1.09411c	(14011324)
730871.38	4055281.50	1.04174c	(14011324)	730871.38	4055306.50	0.98812c	(14011324)
730871.38	4055331.50	0.97837c	(15120924)	730896.38	4052331.50	1.27606	(12112824)
730896.38	4052356.50	1.27535	(12112824)	730896.38	4052381.50	1.26833	(12112824)
730896.38	4052406.50	1.25596	(12112824)	730896.38	4052431.50	1.23765	(12112824)
730896.38	4052456.50	1.23961	(12121324)	730896.38	4052481.50	1.27170	(12121324)
730896.38	4052506.50	1.29532	(12121324)	730896.38	4052531.50	1.31163	(12121324)
730896.38	4052556.50	1.32205	(12121324)	730896.38	4052581.50	1.32746	(12121324)
730896.38	4052606.50	1.32840	(12121324)	730896.38	4052631.50	1.32515	(12121324)
730896.38	4052656.50	1.34024c	(15020324)	730896.38	4052681.50	1.35073c	(15020324)
730896.38	4052706.50	1.35506c	(15020324)	730896.38	4052731.50	1.35374c	(15020324)
730896.38	4052756.50	1.35191	(14012424)	730896.38	4052781.50	1.35948	(14012424)
730896.38	4052806.50	1.36154	(14012424)	730896.38	4052831.50	1.39681c	(14012124)
730896.38	4052856.50	1.50756c	(14012124)	730896.38	4052881.50	1.60475c	(14012124)
730896.38	4052906.50	1.68729c	(14012124)	730896.38	4052931.50	1.75485c	(14012124)
730896.38	4052956.50	1.80869c	(14012124)	730896.38	4052981.50	1.80878c	(14012124)
730896.38	4053006.50	1.84743c	(14012124)	730896.38	4053031.50	1.87635c	(14012124)
730896.38	4053056.50	1.89599c	(14012124)	730896.38	4053081.50	1.90653c	(14012124)
730896.38	4053106.50	1.90870c	(14012124)	730896.38	4053131.50	1.90232c	(14012124)
730896.38	4053156.50	1.88737c	(14012124)	730896.38	4053181.50	1.86354c	(14012124)
730896.38	4053206.50	1.83022c	(14012124)	730896.38	4053231.50	1.78703c	(14012124)
730896.38	4053256.50	1.81981c	(12011424)	730896.38	4053281.50	1.89355c	(12011424)

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 *** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* ** ** ** PAGE 605

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
730896.38	4053306.50	1.96004c	(12011424)	730896.38	4053331.50	2.01851c	(12011424)
730896.38	4053356.50	2.06902c	(12011424)	730896.38	4053381.50	2.11089c	(12011424)
730896.38	4053406.50	2.14408c	(12011424)	730896.38	4053431.50	2.16856c	(12011424)
730896.38	4053456.50	2.18345c	(12011424)	730896.38	4053481.50	2.18851c	(12011424)
730896.38	4053506.50	2.18370c	(12011424)	730896.38	4053531.50	2.16849c	(12011424)
730896.38	4053556.50	2.14295c	(12011424)	730896.38	4053581.50	2.10691c	(12011424)
730896.38	4053606.50	2.06069c	(12011424)	730896.38	4053631.50	2.00460c	(12011424)
730896.38	4053656.50	1.93937c	(12011424)	730896.38	4053681.50	1.86577c	(12011424)
730896.38	4053706.50	1.78526c	(12011424)	730896.38	4053731.50	1.69874c	(12011424)
730896.38	4053756.50	1.60802c	(12011424)	730896.38	4053781.50	1.60905c	(13010924)
730896.38	4053806.50	1.60745c	(13010924)	730896.38	4053831.50	1.59797c	(13010924)
730896.38	4053856.50	1.57997c	(13010924)	730896.38	4053881.50	1.55275c	(13010924)
730896.38	4053906.50	1.51632c	(13010924)	730896.38	4053931.50	1.49923c	(12020324)
730896.38	4053956.50	1.48874c	(12020324)	730896.38	4053981.50	1.47011c	(12020324)
730896.38	4054006.50	1.44299c	(12020324)	730896.38	4054031.50	1.40737c	(12020324)
730896.38	4054056.50	1.38538c	(12010924)	730896.38	4054081.50	1.43255c	(12010924)
730896.38	4054106.50	1.49659c	(12011524)	730896.38	4054131.50	1.56594c	(12011524)
730896.38	4054156.50	1.62979c	(12011524)	730896.38	4054181.50	1.68752c	(12011524)
730896.38	4054206.50	1.73835c	(12011524)	730896.38	4054231.50	1.78190c	(12011524)
730896.38	4054256.50	1.81739c	(12011524)	730896.38	4054281.50	1.84457c	(12011524)
730896.38	4054306.50	1.86252c	(12011524)	730896.38	4054331.50	1.87126c	(12011524)
730896.38	4054356.50	1.87008c	(12011524)	730896.38	4054381.50	1.85927c	(12011524)
730896.38	4054406.50	1.83830c	(12011524)	730896.38	4054431.50	1.80772c	(12011524)
730896.38	4054456.50	1.76780c	(12011524)	730896.38	4054481.50	1.71895c	(12011524)
730896.38	4054506.50	1.66218c	(12011524)	730896.38	4054531.50	1.59808c	(12011524)
730896.38	4054556.50	1.52783c	(12011524)	730896.38	4054581.50	1.45258c	(12011524)
730896.38	4054606.50	1.37913c	(12012424)	730896.38	4054631.50	1.42077c	(12012424)
730896.38	4054656.50	1.45898c	(12012424)	730896.38	4054681.50	1.49314c	(12012424)
730896.38	4054706.50	1.52241c	(12012424)	730896.38	4054731.50	1.54636c	(12012424)
730896.38	4054756.50	1.56447c	(12012424)	730896.38	4054781.50	1.57629c	(12012424)
730896.38	4054806.50	1.58143c	(12012424)	730896.38	4054831.50	1.57976c	(12012424)
730896.38	4054856.50	1.57108c	(12012424)	730896.38	4054881.50	1.55546c	(12012424)
730896.38	4054906.50	1.53288c	(12012424)	730896.38	4054931.50	1.50376c	(12012424)
730896.38	4054956.50	1.46837c	(12012424)	730896.38	4054981.50	1.45500c	(14011324)
730896.38	4055006.50	1.44362c	(14011324)	730896.38	4055031.50	1.42626c	(14011324)
730896.38	4055056.50	1.40320c	(14011324)	730896.38	4055081.50	1.37478c	(14011324)
730896.38	4055106.50	1.34143c	(14011324)	730896.38	4055131.50	1.30356c	(14011324)
730896.38	4055156.50	1.26164c	(14011324)	730896.38	4055181.50	1.21622c	(14011324)
730896.38	4055206.50	1.16780c	(14011324)	730896.38	4055231.50	1.11689c	(14011324)
730896.38	4055256.50	1.06401c	(14011324)	730896.38	4055281.50	1.00977c	(14011324)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** ** ** ** 11:56:46
 *** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* ** ** ** PAGE 606

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
730896.38	4055306.50	0.99164c	(15120924)	730896.38	4055331.50	0.98036c	(15120924)
730921.38	4052331.50	1.28651	(12112824)	730921.38	4052356.50	1.28865	(12112824)

730921.38	4052381.50	1.28424	(12112824)	730921.38	4052406.50	1.27407	(12112824)
730921.38	4052431.50	1.25805	(12112824)	730921.38	4052456.50	1.23956	(12121324)
730921.38	4052481.50	1.27437	(12121324)	730921.38	4052506.50	1.30019	(12121324)
730921.38	4052531.50	1.31855	(12121324)	730921.38	4052556.50	1.33052	(12121324)
730921.38	4052581.50	1.33712	(12121324)	730921.38	4052606.50	1.33916	(12121324)
730921.38	4052631.50	1.33713	(12121324)	730921.38	4052656.50	1.34927c	(15020324)
730921.38	4052681.50	1.36110c	(15020324)	730921.38	4052706.50	1.36674c	(15020324)
730921.38	4052731.50	1.36664c	(15020324)	730921.38	4052756.50	1.36122c	(15020324)
730921.38	4052781.50	1.36887	(14012424)	730921.38	4052806.50	1.37195	(14012424)
730921.38	4052831.50	1.40108c	(14012124)	730921.38	4052856.50	1.51417c	(14012124)
730921.38	4052881.50	1.61338c	(14012124)	730921.38	4052906.50	1.69747c	(14012124)
730921.38	4052931.50	1.76633c	(14012124)	730921.38	4052956.50	1.82131c	(14012124)
730921.38	4052981.50	1.82262c	(14012124)	730921.38	4053006.50	1.86228c	(14012124)
730921.38	4053031.50	1.89171c	(14012124)	730921.38	4053056.50	1.91184c	(14012124)
730921.38	4053081.50	1.92322c	(14012124)	730921.38	4053106.50	1.92589c	(14012124)
730921.38	4053131.50	1.92004c	(14012124)	730921.38	4053156.50	1.90592c	(14012124)
730921.38	4053181.50	1.88252c	(14012124)	730921.38	4053206.50	1.84995c	(14012124)
730921.38	4053231.50	1.80729c	(14012124)	730921.38	4053256.50	1.84475c	(12011424)
730921.38	4053281.50	1.91907c	(12011424)	730921.38	4053306.50	1.98568c	(12011424)
730921.38	4053331.50	2.04447c	(12011424)	730921.38	4053356.50	2.09481c	(12011424)
730921.38	4053381.50	2.13644c	(12011424)	730921.38	4053406.50	2.16955c	(12011424)
730921.38	4053431.50	2.19340c	(12011424)	730921.38	4053456.50	2.20767c	(12011424)
730921.38	4053481.50	2.21213c	(12011424)	730921.38	4053506.50	2.20630c	(12011424)
730921.38	4053531.50	2.19023c	(12011424)	730921.38	4053556.50	2.16327c	(12011424)
730921.38	4053581.50	2.12600c	(12011424)	730921.38	4053606.50	2.07824c	(12011424)
730921.38	4053631.50	2.02045c	(12011424)	730921.38	4053656.50	1.95346c	(12011424)
730921.38	4053681.50	1.87832c	(12011424)	730921.38	4053706.50	1.79579c	(12011424)
730921.38	4053731.50	1.70771c	(12011424)	730921.38	4053756.50	1.61919c	(13010924)
730921.38	4053781.50	1.62370c	(13010924)	730921.38	4053806.50	1.62070c	(13010924)
730921.38	4053831.50	1.60917c	(13010924)	730921.38	4053856.50	1.58914c	(13010924)
730921.38	4053881.50	1.55988c	(13010924)	730921.38	4053906.50	1.52085c	(13010924)
730921.38	4053931.50	1.51129c	(12020324)	730921.38	4053956.50	1.49844c	(12020324)
730921.38	4053981.50	1.47736c	(12020324)	730921.38	4054006.50	1.44774c	(12020324)
730921.38	4054031.50	1.40923c	(12020324)	730921.38	4054056.50	1.41955c	(12010924)
730921.38	4054081.50	1.47177c	(12011524)	730921.38	4054106.50	1.54480c	(12011524)
730921.38	4054131.50	1.61265c	(12011524)	730921.38	4054156.50	1.67450c	(12011524)
730921.38	4054181.50	1.72989c	(12011524)	730921.38	4054206.50	1.77801c	(12011524)
730921.38	4054231.50	1.81842c	(12011524)	730921.38	4054256.50	1.85059c	(12011524)

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*** AERMOD - VERSION 19191 ***    *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***    06/30/20
*** AERMET - VERSION 18081 ***    ***                                     ***                                     11:56:46
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*** MODELPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
730921.38 4054281.50 1.87382c (12011524) 730921.38 4054306.50 1.88778c (12011524)
730921.38 4054331.50 1.89198c (12011524) 730921.38 4054356.50 1.88630c (12011524)
730921.38 4054381.50 1.87040c (12011524) 730921.38 4054406.50 1.84457c (12011524)
730921.38 4054431.50 1.80893c (12011524) 730921.38 4054456.50 1.76396c (12011524)
730921.38 4054481.50 1.71945c (12011524) 730921.38 4054506.50 1.64895c (12011524)
730921.38 4054531.50 1.88072c (12011524) 730921.38 4054556.50 1.50680c (12011524)
730921.38 4054581.50 1.42812c (12011524) 730921.38 4054606.50 1.42524c (12012424)
730921.38 4054631.50 1.46482c (12012424) 730921.38 4054656.50 1.50045c (12012424)
730921.38 4054681.50 1.53160c (12012424) 730921.38 4054706.50 1.55740c (12012424)
730921.38 4054731.50 1.57745c (12012424) 730921.38 4054756.50 1.59125c (12012424)
730921.38 4054781.50 1.59849c (12012424) 730921.38 4054806.50 1.59884c (12012424)
730921.38 4054831.50 1.59209c (12012424) 730921.38 4054856.50 1.57830c (12012424)
730921.38 4054881.50 1.55740c (12012424) 730921.38 4054906.50 1.52974c (12012424)
730921.38 4054931.50 1.49554c (12012424) 730921.38 4054956.50 1.47317c (14011324)
730921.38 4054981.50 1.46309c (14011324) 730921.38 4055006.50 1.44688c (14011324)
730921.38 4055031.50 1.42484c (14011324) 730921.38 4055056.50 1.39723c (14011324)
730921.38 4055081.50 1.36447c (14011324) 730921.38 4055106.50 1.32702c (14011324)
730921.38 4055131.50 1.28533c (14011324) 730921.38 4055156.50 1.23995c (14011324)
730921.38 4055181.50 1.19131c (14011324) 730921.38 4055206.50 1.14007c (14011324)
730921.38 4055231.50 1.08678c (14011324) 730921.38 4055256.50 1.03197c (14011324)
730921.38 4055281.50 1.00520c (15120924) 730921.38 4055306.50 0.99403c (15120924)
730921.38 4055331.50 0.98071c (15120924) 730946.38 4052331.50 1.29641 (12112824)
730946.38 4052356.50 1.30121 (12112824) 730946.38 4052381.50 1.29924 (12112824)
730946.38 4052406.50 1.29158 (12112824) 730946.38 4052431.50 1.27793 (12112824)
730946.38 4052456.50 1.25816 (12112824) 730946.38 4052481.50 1.27645 (12121324)
730946.38 4052506.50 1.30472 (12121324) 730946.38 4052531.50 1.32502 (12121324)
730946.38 4052556.50 1.33861 (12121324) 730946.38 4052581.50 1.34671 (12121324)
730946.38 4052606.50 1.35006 (12121324) 730946.38 4052631.50 1.34909 (12121324)
730946.38 4052656.50 1.35814c (15020324) 730946.38 4052681.50 1.37149c (15020324)
730946.38 4052706.50 1.37841c (15020324) 730946.38 4052731.50 1.37954c (15020324)
730946.38 4052756.50 1.37521c (15020324) 730946.38 4052781.50 1.37833 (14012424)
730946.38 4052806.50 1.38216 (14012424) 730946.38 4052831.50 1.40545c (14012124)
730946.38 4052856.50 1.52075c (14012124) 730946.38 4052881.50 1.62203c (14012124)
730946.38 4052906.50 1.70781c (14012124) 730946.38 4052931.50 1.77812c (14012124)
730946.38 4052956.50 1.78565c (14012124) 730946.38 4052981.50 1.83680c (14012124)
730946.38 4053006.50 1.87705c (14012124) 730946.38 4053031.50 1.90734c (14012124)
730946.38 4053056.50 1.92819c (14012124) 730946.38 4053081.50 1.93988c (14012124)
730946.38 4053106.50 1.94322c (14012124) 730946.38 4053131.50 1.93807c (14012124)
730946.38 4053156.50 1.92437c (14012124) 730946.38 4053181.50 1.90189c (14012124)
730946.38 4053206.50 1.86987c (14012124) 730946.38 4053231.50 1.82788c (14012124)

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*** AERMOD - VERSION 19191 ***    *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***    06/30/20
*** AERMET - VERSION 18081 ***    ***                                     ***                                     11:56:46
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*** MODELPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
730946.38 4053256.50 1.87033c (12011424) 730946.38 4053281.50 1.94491c (12011424)
730946.38 4053306.50 2.01199c (12011424) 730946.38 4053331.50 2.07079c (12011424)
730946.38 4053356.50 2.12100c (12011424) 730946.38 4053381.50 2.16267c (12011424)
730946.38 4053406.50 2.19531c (12011424) 730946.38 4053431.50 2.21858c (12011424)
730946.38 4053456.50 2.23244c (12011424) 730946.38 4053481.50 2.23604c (12011424)
730946.38 4053506.50 2.22942c (12011424) 730946.38 4053531.50 2.21206c (12011424)
730946.38 4053556.50 2.18400c (12011424) 730946.38 4053581.50 2.14527c (12011424)
730946.38 4053606.50 2.09590c (12011424) 730946.38 4053631.50 2.03647c (12011424)
730946.38 4053656.50 1.96793c (12011424) 730946.38 4053681.50 1.89079c (12011424)

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Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows list coordinates and concentrations for source group 731021.38 and 731046.38.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** ** 11:56:46
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*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows list coordinates and concentrations for source group 731021.38 and 731046.38.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** ** 11:56:46
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*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows list coordinates and concentrations for source group 731046.38.

731046.38 4054656.50 1.68083c (12012424) 731046.38 4054681.50 1.69150c (12012424)
731046.38 4054706.50 1.69505c (12012424) 731046.38 4054731.50 1.69107c (12012424)
731046.38 4054756.50 1.67957c (12012424) 731046.38 4054781.50 1.66047c (12012424)
731046.38 4054806.50 1.63365c (12012424) 731046.38 4054831.50 1.59979c (12012424)
731046.38 4054856.50 1.56118c (14011324) 731046.38 4054881.50 1.55179c (14011324)
731046.38 4054906.50 1.53567c (14011324) 731046.38 4054931.50 1.51305c (14011324)
731046.38 4054956.50 1.48414c (14011324) 731046.38 4054981.50 1.44947c (14011324)
731046.38 4055006.50 1.40958c (14011324) 731046.38 4055031.50 1.36496c (14011324)
731046.38 4055056.50 1.31618c (14011324) 731046.38 4055081.50 1.26385c (14011324)
731046.38 4055106.50 1.20858c (14011324) 731046.38 4055131.50 1.15100c (14011324)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
*** PAGE 615

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains multiple rows of receptor point data.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
*** PAGE 616

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC (YYMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMDDHH). Contains multiple rows of receptor point data.

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731096.38 4052956.50 1.86965c (14012124) 731096.38 4052981.50 1.92689c (14012124)
731096.38 4053006.50 1.97209c (14012124) 731096.38 4053031.50 2.00649c (14012124)
731096.38 4053056.50 2.03083c (14012124) 731096.38 4053081.50 2.04578c (14012124)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 617

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
731096.38 4053106.50 2.05242c (14012124) 731096.38 4053131.50 2.05100c (14012124)
731096.38 4053156.50 2.04120c (14012124) 731096.38 4053181.50 2.02284c (14012124)
731096.38 4053206.50 1.99537c (14012124) 731096.38 4053231.50 1.95755c (14012124)
731096.38 4053256.50 2.03448c (12011424) 731096.38 4053281.50 2.11156c (12011424)
731096.38 4053306.50 2.17955c (12011424) 731096.38 4053331.50 2.23868c (12011424)
731096.38 4053356.50 2.28834c (12011424) 731096.38 4053381.50 2.32827c (12011424)
731096.38 4053406.50 2.35882c (12011424) 731096.38 4053431.50 2.37861c (12011424)
731096.38 4053456.50 2.38842c (12011424) 731096.38 4053481.50 2.38696c (12011424)
731096.38 4053506.50 2.37437c (12011424) 731096.38 4053531.50 2.35013c (12011424)
731096.38 4053556.50 2.31417c (12011424) 731096.38 4053581.50 2.26677c (12011424)
731096.38 4053606.50 2.20768c (12011424) 731096.38 4053631.50 2.13815c (12011424)
731096.38 4053656.50 2.05842c (12011424) 731096.38 4053681.50 1.97019c (12011424)
731096.38 4053706.50 1.87454c (12011424) 731096.38 4053731.50 1.77349c (12011424)
731096.38 4053756.50 1.73122c (13010924) 731096.38 4053781.50 1.72394c (13010924)
731096.38 4053806.50 1.70787c (13010924) 731096.38 4053831.50 1.68248c (13010924)
731096.38 4053856.50 1.64689c (13010924) 731096.38 4053881.50 1.61841c (12020324)
731096.38 4053906.50 1.60575c (12020324) 731096.38 4053931.50 1.58434c (12020324)
731096.38 4053956.50 1.55382c (12020324) 731096.38 4053981.50 1.51860c (12010924)
731096.38 4054006.50 1.60278c (12011524) 731096.38 4054031.50 1.68161c (12011524)
731096.38 4054056.50 1.75430c (12011524) 731096.38 4054081.50 1.82039c (12011524)
731096.38 4054106.50 1.87893c (12011524) 731096.38 4054131.50 1.92966c (12011524)
731096.38 4054156.50 1.97175c (12011524) 731096.38 4054181.50 2.00469c (12011524)
731096.38 4054206.50 2.02788c (12011524) 731096.38 4054231.50 2.04077c (12011524)
731096.38 4054256.50 2.04266c (12011524) 731096.38 4054281.50 2.03344c (12011524)
731096.38 4054306.50 2.01280c (12011524) 731096.38 4054331.50 1.98092c (12011524)
731096.38 4054356.50 1.93790c (12011524) 731096.38 4054381.50 1.88454c (12011524)
731096.38 4054406.50 1.82126c (12011524) 731096.38 4054431.50 1.74940c (12011524)
731096.38 4054456.50 1.66988c (12011524) 731096.38 4054481.50 1.58427c (12011524)
731096.38 4054506.50 1.59237c (12012424) 731096.38 4054531.50 1.63023c (12012424)
731096.38 4054556.50 1.66328c (12012424) 731096.38 4054581.50 1.69098c (12012424)
731096.38 4054606.50 1.71260c (12012424) 731096.38 4054631.50 1.72763c (12012424)
731096.38 4054656.50 1.73557c (12012424) 731096.38 4054681.50 1.73579c (12012424)
731096.38 4054706.50 1.72830c (12012424) 731096.38 4054731.50 1.71298c (12012424)
731096.38 4054756.50 1.68980c (12012424) 731096.38 4054781.50 1.65905c (12012424)
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731096.38 4055056.50 1.26111c (14011324) 731096.38 4055081.50 1.20258c (14011324)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 618

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
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731096.38 4055156.50 1.08463c (15120924) 731096.38 4055181.50 1.06852c (15120924)
731096.38 4055206.50 1.06729m (12022224) 731096.38 4055231.50 1.07198m (12022224)
731096.38 4055256.50 1.07418m (12022224) 731096.38 4055281.50 1.07367m (12022224)
731096.38 4055306.50 1.07039m (12022224) 731096.38 4055331.50 1.06430m (12022224)
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731121.38 4052381.50 1.38155 (12112824) 731121.38 4052406.50 1.39263 (12112824)
731121.38 4052431.50 1.39677 (12112824) 731121.38 4052456.50 1.39404 (12112824)
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 619

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731196.38 4055181.50 1.13520m (12022224) 731196.38 4055206.50 1.13100m (12022224)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** *** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
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731196.38 4055331.50 1.25063c (13121124) 731221.38 4052331.50 1.33508c (12112824)
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731221.38 4053756.50 1.80879c (13010924) 731221.38 4053781.50 1.79239c (13010924)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** *** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELPTS: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 626

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL **
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
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731271.38 4052506.50 1.48789 (12112824) 731271.38 4052531.50 1.48037 (12112824)
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731271.38 4052606.50 1.47747 (12121324) 731271.38 4052631.50 1.49437 (12121324)
731271.38 4052656.50 1.50468 (12121324) 731271.38 4052681.50 1.50999 (12121324)
731271.38 4052706.50 1.52660c (15020324) 731271.38 4052731.50 1.54678c (15020324)
731271.38 4052756.50 1.53024c (15020324) 731271.38 4052781.50 1.54065c (15020324)
731271.38 4052806.50 1.54348c (15020324) 731271.38 4053981.50 1.91957c (12011524)
731271.38 4054006.50 1.98975c (12011524) 731271.38 4054031.50 2.05153c (12011524)
731271.38 4054056.50 2.10449c (12011524) 731271.38 4054781.50 1.65897c (14011324)
731271.38 4054806.50 1.61915c (14011324) 731271.38 4054831.50 1.57296c (14011324)
731271.38 4054856.50 1.52112c (14011324) 731271.38 4054881.50 1.46437c (14011324)
731271.38 4054906.50 1.40327c (14011324) 731271.38 4054931.50 1.33878c (14011324)
731271.38 4054956.50 1.27166c (14011324) 731271.38 4054981.50 1.20679c (15120924)
731271.38 4055006.50 1.19048c (15120924) 731271.38 4055031.50 1.18064m (12022224)
731271.38 4055056.50 1.18527m (12022224) 731271.38 4055081.50 1.18687m (12022224)
731271.38 4055106.50 1.18522m (12022224) 731271.38 4055131.50 1.18014m (12022224)
731271.38 4055156.50 1.18996c (13121124) 731271.38 4055181.50 1.22535c (13121124)
731271.38 4055206.50 1.25717c (13121124) 731271.38 4055231.50 1.28534c (13121124)
731271.38 4055256.50 1.30953c (13121124) 731271.38 4055281.50 1.32961c (13121124)
731271.38 4055306.50 1.34545c (13121124) 731271.38 4055331.50 1.35698c (13121124)
731296.38 4052331.50 1.31921 (12112824) 731296.38 4052356.50 1.37049 (12112824)
731296.38 4052381.50 1.41356 (12112824) 731296.38 4052406.50 1.44805 (12112824)
731296.38 4052431.50 1.47417 (12112824) 731296.38 4052456.50 1.49224 (12112824)
731296.38 4052481.50 1.50262 (12112824) 731296.38 4052506.50 1.50510 (12112824)
731296.38 4052531.50 1.50058 (12112824) 731296.38 4052556.50 1.48942 (12112824)
731296.38 4052581.50 1.47121 (12112824) 731296.38 4052606.50 1.48595 (12121324)
731296.38 4052631.50 1.50463 (12121324) 731296.38 4052656.50 1.51656 (12121324)
731296.38 4052681.50 1.52321 (12121324) 731296.38 4052706.50 1.53757c (15020324)
731296.38 4052731.50 1.52527 (12121324) 731296.38 4052756.50 1.54497c (15020324)
731296.38 4052781.50 1.55700c (15020324) 731296.38 4052806.50 1.56137c (15020324)
731296.38 4053981.50 1.97671c (12011524) 731296.38 4054006.50 2.04382c (12011524)
731296.38 4054031.50 2.10229c (12011524) 731296.38 4054056.50 2.15161c (12011524)
731296.38 4054781.50 1.64988c (14011324) 731296.38 4054806.50 1.60426c (14011324)
731296.38 4054831.50 1.55270c (14011324) 731296.38 4054856.50 1.49596c (14011324)
731296.38 4054881.50 1.43480c (14011324) 731296.38 4054906.50 1.36980c (14011324)
731296.38 4054931.50 1.30198c (14011324) 731296.38 4054956.50 1.23204c (14011324)
731296.38 4054981.50 1.20962c (15120924) 731296.38 4055006.50 1.19829m (12022224)
731296.38 4055031.50 1.20292m (12022224) 731296.38 4055056.50 1.20445m (12022224)
731296.38 4055081.50 1.20271m (12022224) 731296.38 4055106.50 1.19743m (12022224)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
*** MODELPTS: RegDEFAULT CONC ELEV RURAL ADJ_U* PAGE 627

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL **
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
731296.38 4055131.50 1.21025c (13121124) 731296.38 4055156.50 1.24587c (13121124)
731296.38 4055181.50 1.27785c (13121124) 731296.38 4055206.50 1.30599c (13121124)
731296.38 4055231.50 1.33004c (13121124) 731296.38 4055256.50 1.34986c (13121124)
731296.38 4055281.50 1.36538c (13121124) 731296.38 4055306.50 1.37642c (13121124)
731296.38 4055331.50 1.38309c (13121124) 731321.38 4052331.50 1.31096 (12112824)
731321.38 4052356.50 1.36634 (12112824) 731321.38 4052381.50 1.41332 (12112824)
731321.38 4052406.50 1.45159 (12112824) 731321.38 4052431.50 1.48145 (12112824)
731321.38 4052456.50 1.50290 (12112824) 731321.38 4052481.50 1.51622 (12112824)
731321.38 4052506.50 1.52155 (12112824) 731321.38 4052531.50 1.52024 (12112824)
731321.38 4052556.50 1.51163 (12112824) 731321.38 4052581.50 1.49603 (12112824)
731321.38 4052606.50 1.49409 (12121324) 731321.38 4052631.50 1.51514 (12121324)
731321.38 4052656.50 1.52864 (12121324) 731321.38 4052681.50 1.53633 (12121324)
731321.38 4052706.50 1.54851c (15020324) 731321.38 4052731.50 1.54148 (12121324)
731321.38 4052756.50 1.55949c (15020324) 731321.38 4052781.50 1.57338c (15020324)
731321.38 4052806.50 1.57944c (15020324) 731321.38 4053981.50 2.03342c (12011524)
731321.38 4054006.50 2.09734c (12011524) 731321.38 4054031.50 2.15235c (12011524)
731321.38 4054056.50 2.19779c (12011524) 731321.38 4054781.50 1.63626c (14011324)

731321.38 4054806.50 1.58498c (14011324) 731321.38 4054831.50 1.52828c (14011324)
731321.38 4054856.50 1.46690c (14011324) 731321.38 4054881.50 1.40155c (14011324)
731321.38 4054906.50 1.33306c (14011324) 731321.38 4054931.50 1.26223c (14011324)
731321.38 4054956.50 1.22932c (15120924) 731321.38 4054981.50 1.21659m (12022224)
731321.38 4055006.50 1.22101m (12022224) 731321.38 4055031.50 1.22244m (12022224)
731321.38 4055056.50 1.22054m (12022224) 731321.38 4055081.50 1.21503m (12022224)
731321.38 4055106.50 1.23108c (13121124) 731321.38 4055131.50 1.26690c (13121124)
731321.38 4055156.50 1.29896c (13121124) 731321.38 4055181.50 1.32707c (13121124)
731321.38 4055206.50 1.35101c (13121124) 731321.38 4055231.50 1.37060c (13121124)
731321.38 4055256.50 1.38568c (13121124) 731321.38 4055281.50 1.39624c (13121124)
731321.38 4055306.50 1.40231c (13121124) 731321.38 4055331.50 1.40382c (13121124)
731346.38 4052331.50 1.30081 (12112824) 731346.38 4052356.50 1.36022 (12112824)
731346.38 4052381.50 1.41143 (12112824) 731346.38 4052406.50 1.45400 (12112824)
731346.38 4052431.50 1.48712 (12112824) 731346.38 4052456.50 1.51236 (12112824)
731346.38 4052481.50 1.52905 (12112824) 731346.38 4052506.50 1.53760 (12112824)
731346.38 4052531.50 1.53884 (12112824) 731346.38 4052556.50 1.53314 (12112824)
731346.38 4052581.50 1.52054 (12112824) 731346.38 4052606.50 1.50173 (12112824)
731346.38 4052631.50 1.52513 (12121324) 731346.38 4052656.50 1.54043 (12121324)
731346.38 4052681.50 1.54959 (12121324) 731346.38 4052706.50 1.55603 (12121324)
731346.38 4052731.50 1.55776 (12121324) 731346.38 4052756.50 1.57401c (15020324)
731346.38 4052781.50 1.58976c (15020324) 731346.38 4052806.50 1.59750c (15020324)
731346.38 4053981.50 2.08958c (12011524) 731346.38 4054006.50 2.15019c (12011524)
731346.38 4054031.50 2.20151c (12011524) 731346.38 4054056.50 2.24283c (12011524)

*** AERMOT - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points and concentrations for various locations.

*** AERMOT - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points and concentrations for various locations.

731496.38 4055306.50 1.42031c (13121124) 731496.38 4055331.50 1.38583c (13121124)
731521.38 4052331.50 1.18197 (12112824) 731521.38 4052356.50 1.26979 (12112824)
731521.38 4052381.50 1.35057 (12112824) 731521.38 4052406.50 1.42278 (12112824)
731521.38 4052431.50 1.40605 (12112824) 731521.38 4052456.50 1.45823 (12112824)
731521.38 4052481.50 1.58803 (12112824) 731521.38 4052506.50 1.62347 (12112824)
731521.38 4052531.50 1.64846 (12112824) 731521.38 4052556.50 1.66418 (12112824)
731521.38 4052581.50 1.67182 (12112824) 731521.38 4052606.50 1.67185 (12112824)
731521.38 4052631.50 1.59671 (12112824) 731521.38 4052656.50 1.60423 (12121324)
731521.38 4052681.50 1.63516 (12121324) 731521.38 4052706.50 1.65630 (12121324)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for receptor points, listing coordinates and concentration values.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for receptor points, listing coordinates and concentration values.

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of data for receptor points, showing coordinates and concentration values.

*** AERMOT - VERSION 18081 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of data for receptor points, showing coordinates and concentration values.

*** AERMOT - VERSION 18081 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of data for receptor points, showing coordinates and concentration values.

Table with columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains 24 columns of data for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains 24 columns of data for various coordinates and concentrations.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Contains 24 columns of data for various coordinates and concentrations.

732246.38	4052656.50	2.44438c (13120124)	732246.38	4052681.50	2.40373c (13120124)
732246.38	4052706.50	2.35433c (13120124)	732246.38	4052731.50	2.41393 (12112824)
732246.38	4052756.50	2.49856 (12112824)	732246.38	4052781.50	2.56226 (12112824)
732246.38	4052806.50	2.60766 (12112824)	732246.38	4052831.50	2.63786 (12112824)
732246.38	4052856.50	2.65623 (12112824)	732246.38	4052881.50	2.67074c (15020324)
732246.38	4052906.50	2.71473c (15020324)	732246.38	4052931.50	2.99986c (14012124)
732246.38	4052956.50	3.21793c (14012124)	732246.38	4052981.50	3.36896c (14012124)
732246.38	4053006.50	3.46669c (14012124)	732246.38	4053031.50	3.52597c (14012124)

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*** AERMOD - VERSION 19191 ***    *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***    06/30/20
*** AERMET - VERSION 18081 ***    ***                                                                                                      ***    11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
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732246.38 4053056.50 3.56042c (14012124) 732246.38 4053081.50 3.58050c (14012124)
732246.38 4053106.50 3.73634c (12011424) 732246.38 4053131.50 3.94542c (12011424)
732246.38 4053156.50 4.11960c (12011424) 732246.38 4053181.50 4.26327c (12011424)
732246.38 4053206.50 4.38175c (12011424) 732246.38 4053231.50 4.48054c (12011424)
732246.38 4053981.50 3.62051c (12012424) 732246.38 4054006.50 3.46884c (12012424)
732246.38 4054031.50 3.29933c (12012424) 732246.38 4054056.50 3.11603c (12012424)
732246.38 4055206.50 0.95390m (12020224) 732246.38 4055231.50 0.89068m (12020224)
732246.38 4055256.50 0.82931m (12020224) 732246.38 4055281.50 0.76998m (12020224)
732246.38 4055306.50 0.71279m (12020224) 732246.38 4055331.50 0.65801m (12020224)
732271.38 4052331.50 2.03320 (13121924) 732271.38 4052356.50 2.07740 (13121924)
732271.38 4052381.50 2.10700 (13121924) 732271.38 4052406.50 2.12101 (13121924)
732271.38 4052431.50 2.15402c (13120124) 732271.38 4052456.50 2.26843c (13120124)
732271.38 4052481.50 2.36743c (13120124) 732271.38 4052506.50 2.44749c (13120124)
732271.38 4052531.50 2.50629c (13120124) 732271.38 4052556.50 2.54382c (13120124)
732271.38 4052581.50 2.56152c (13120124) 732271.38 4052606.50 2.56165c (13120124)
732271.38 4052631.50 2.54790c (13120124) 732271.38 4052656.50 2.52242c (13120124)
732271.38 4052681.50 2.48763c (13120124) 732271.38 4052706.50 2.44365c (13120124)
732271.38 4052731.50 2.43340 (12112824) 732271.38 4052756.50 2.52902 (12112824)
732271.38 4052781.50 2.60181 (12112824) 732271.38 4052806.50 2.65438 (12112824)
732271.38 4052831.50 2.68994 (12112824) 732271.38 4052856.50 2.71271 (12112824)
732271.38 4052881.50 2.72563 (12112824) 732271.38 4052906.50 2.77113c (15020324)
732271.38 4052931.50 3.05544c (14012124) 732271.38 4052956.50 3.28135c (14012124)
732271.38 4052981.50 3.43567c (14012124) 732271.38 4053006.50 3.53461c (14012124)
732271.38 4053031.50 3.59407c (14012124) 732271.38 4053056.50 3.62838c (14012124)
732271.38 4053081.50 3.64773c (14012124) 732271.38 4053106.50 3.85393c (12011424)
732271.38 4053131.50 4.06477c (12011424) 732271.38 4053156.50 4.23829c (12011424)
732271.38 4053181.50 4.38109c (12011424) 732271.38 4053206.50 4.49977c (12011424)
732271.38 4053231.50 4.59836c (12011424) 732271.38 4053981.50 3.61527c (12012424)
732271.38 4054006.50 3.44223c (12012424) 732271.38 4054031.50 3.25384c (12012424)
732271.38 4054056.50 3.08376c (14011324) 732271.38 4055206.50 0.87104m (12020224)
732271.38 4055231.50 0.80917m (12020224) 732271.38 4055256.50 0.74955m (12020224)
732271.38 4055281.50 0.69227m (12020224) 732271.38 4055306.50 0.65563 (14012624)
732271.38 4055331.50 0.64508 (14012624) 732296.38 4052331.50 2.02331 (13121924)
732296.38 4052356.50 2.08249 (13121924) 732296.38 4052381.50 2.12824 (13121924)
732296.38 4052406.50 2.15843 (13121924) 732296.38 4052431.50 2.17219 (13121924)
732296.38 4052456.50 2.23630c (13120124) 732296.38 4052481.50 2.35110c (13120124)
732296.38 4052506.50 2.44813c (13120124) 732296.38 4052531.50 2.52494c (13120124)
732296.38 4052556.50 2.57915c (13120124) 732296.38 4052581.50 2.61087c (13120124)
732296.38 4052606.50 2.62274c (13120124) 732296.38 4052631.50 2.61766c (13120124)
732296.38 4052656.50 2.59935c (13120124) 732296.38 4052681.50 2.57055c (13120124)

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*** AERMOD - VERSION 19191 ***    *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***    06/30/20
*** AERMET - VERSION 18081 ***    ***                                                                                                      ***    11:56:46
                                                                                                      ***    PAGE 650

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMDDHH)
-----
732296.38 4052706.50 2.53244c (13120124) 732296.38 4052731.50 2.48558c (13120124)
732296.38 4052756.50 2.55824 (12112824) 732296.38 4052781.50 2.64088 (12112824)
732296.38 4052806.50 2.70141 (12112824) 732296.38 4052831.50 2.74333 (12112824)
732296.38 4052856.50 2.77097 (12112824) 732296.38 4052881.50 2.78773 (12112824)
732296.38 4052906.50 2.83045c (15020324) 732296.38 4052931.50 3.11378c (14012124)
732296.38 4052956.50 3.34766c (14012124) 732296.38 4052981.50 3.50638c (14012124)
732296.38 4053006.50 3.60636c (14012124) 732296.38 4053031.50 3.66552c (14012124)
732296.38 4053056.50 3.69900c (14012124) 732296.38 4053081.50 3.72520c (12011424)
732296.38 4053106.50 3.97930c (12011424) 732296.38 4053131.50 4.18969c (12011424)
732296.38 4053156.50 4.36370c (12011424) 732296.38 4053181.50 4.50686c (12011424)
732296.38 4053206.50 4.62446c (12011424) 732296.38 4053231.50 4.72346c (12011424)
732296.38 4053981.50 3.59483c (12012424) 732296.38 4054006.50 3.40038c (12012424)
732296.38 4054031.50 3.19562c (12012424) 732296.38 4054056.50 3.04953c (14011324)
732296.38 4055206.50 0.78869m (12020224) 732296.38 4055231.50 0.72884m (12020224)
732296.38 4055256.50 0.67300 (14012624) 732296.38 4055281.50 0.66196 (14012624)
732296.38 4055306.50 0.65065 (14012624) 732296.38 4055331.50 0.66456m (12013024)
732321.38 4052331.50 1.99943 (13121924) 732321.38 4052356.50 2.07287 (13121924)
732321.38 4052381.50 2.13423 (13121924) 732321.38 4052406.50 2.18155 (13121924)
732321.38 4052431.50 2.21268 (13121924) 732321.38 4052456.50 2.22634 (13121924)
732321.38 4052481.50 2.32268c (13120124) 732321.38 4052506.50 2.43716c (13120124)
732321.38 4052531.50 2.53268c (13120124) 732321.38 4052556.50 2.60489c (13120124)
732321.38 4052581.50 2.65365c (13120124) 732321.38 4052606.50 2.67928c (13120124)
732321.38 4052631.50 2.68513c (13120124) 732321.38 4052656.50 2.7502c (13120124)
732321.38 4052681.50 2.65287c (13120124) 732321.38 4052706.50 2.62062c (13120124)
732321.38 4052731.50 2.57933c (13120124) 732321.38 4052756.50 2.58268 (12112824)
732321.38 4052781.50 2.68008 (12112824) 732321.38 4052806.50 2.74950 (12112824)
732321.38 4052831.50 2.79821 (12112824) 732321.38 4052856.50 2.83081 (12112824)
732321.38 4052881.50 2.85178 (12112824) 732321.38 4052906.50 2.89334c (15020324)
732321.38 4052931.50 3.17552c (14012124) 732321.38 4052956.50 3.41807c (14012124)
732321.38 4052981.50 3.58054c (14012124) 732321.38 4053006.50 3.68123c (14012124)
732321.38 4053031.50 3.74049c (14012124) 732321.38 4053056.50 3.77388c (14012124)
732321.38 4053081.50 3.85581c (12011424) 732321.38 4053106.50 4.11137c (12011424)
732321.38 4053131.50 4.32336c (12011424) 732321.38 4053156.50 4.49671c (12011424)
732321.38 4053181.50 4.63898c (12011424) 732321.38 4053206.50 4.75743c (12011424)
732321.38 4053231.50 4.85608c (12011424) 732321.38 4053981.50 3.55816c (12012424)
732321.38 4054006.50 3.34581c (12012424) 732321.38 4054031.50 3.15966c (14011324)
732321.38 4054056.50 3.00115c (14011324) 732321.38 4055231.50 0.68444m (12013024)
732321.38 4055256.50 0.70008m (12013024) 732321.38 4055281.50 0.71523m (12013024)
732321.38 4055306.50 0.72988m (12013024) 732321.38 4055331.50 0.74399m (12013024)

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732346.38 4052331.50 2.03253 (12012224) 732346.38 4052356.50 2.04856 (13121924)
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ** ** PAGE 651
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732346.38 4052381.50 2.12501 (13121924) 732346.38 4052406.50 2.18906 (13121924)
732346.38 4052431.50 2.23792 (13121924) 732346.38 4052456.50 2.26955 (13121924)
732346.38 4052481.50 2.28331c (13120124) 732346.38 4052506.50 2.41402c (13120124)
732346.38 4052531.50 2.52787c (13120124) 732346.38 4052556.50 2.62022c (13120124)
732346.38 4052581.50 2.68785c (13120124) 732346.38 4052606.50 2.73005c (13120124)
732346.38 4052631.50 2.74917c (13120124) 732346.38 4052656.50 2.74915c (13120124)
732346.38 4052681.50 2.73455c (13120124) 732346.38 4052706.50 2.70860c (13120124)
732346.38 4052731.50 2.67321c (13120124) 732346.38 4052756.50 2.62891c (13120124)
732346.38 4052781.50 2.71802 (12112824) 732346.38 4052806.50 2.79804 (12112824)
732346.38 4052831.50 2.85455 (12112824) 732346.38 4052856.50 2.89308 (12112824)
732346.38 4052881.50 2.91848 (12112824) 732346.38 4052906.50 2.95977c (15020324)
732346.38 4052931.50 3.24057c (14012124) 732346.38 4052956.50 3.49210c (14012124)
732346.38 4052981.50 3.65873c (14012124) 732346.38 4053006.50 3.76064c (14012124)
732346.38 4053031.50 3.81940c (14012124) 732346.38 4053056.50 3.85175c (14012124)
732346.38 4053081.50 3.99496c (12011424) 732346.38 4053106.50 4.25311c (12011424)
732346.38 4053131.50 4.46435c (12011424) 732346.38 4053156.50 4.63814c (12011424)
732346.38 4053181.50 4.78082c (12011424) 732346.38 4053206.50 4.89843c (12011424)
732346.38 4053231.50 4.99769c (12011424) 732346.38 4053981.50 3.50724c (12012424)
732346.38 4054006.50 3.27811c (12012424) 732346.38 4054031.50 3.11384c (14011324)
732346.38 4054056.50 2.94083c (14011324) 732346.38 4055231.50 0.76932m (12013024)
732346.38 4055256.50 0.78372m (12013024) 732346.38 4055281.50 0.79741m (12013024)
732346.38 4055306.50 0.81056m (12013024) 732346.38 4055331.50 0.82317m (12013024)
732371.38 4052331.50 2.18905 (12012224) 732371.38 4052356.50 2.12659 (12012224)
732371.38 4052381.50 2.10036 (13121924) 732371.38 4052406.50 2.18003 (13121924)
732371.38 4052431.50 2.24691 (13121924) 732371.38 4052456.50 2.29773 (13121924)
732371.38 4052481.50 2.32984 (13121924) 732371.38 4052506.50 2.37798c (13120124)
732371.38 4052531.50 2.50959c (13120124) 732371.38 4052556.50 2.62282c (13120124)
732371.38 4052581.50 2.71146c (13120124) 732371.38 4052606.50 2.77337c (13120124)
732371.38 4052631.50 2.80861c (13120124) 732371.38 4052656.50 2.82098c (13120124)
732371.38 4052681.50 2.81508c (13120124) 732371.38 4052706.50 2.79613c (13120124)
732371.38 4052731.50 2.76691c (13120124) 732371.38 4052756.50 2.72867c (13120124)
732371.38 4052781.50 2.75556 (12112824) 732371.38 4052806.50 2.84711 (12112824)
732371.38 4052831.50 2.91257 (12112824) 732371.38 4052856.50 2.95744 (12112824)
732371.38 4052881.50 2.98771 (12112824) 732371.38 4052906.50 3.03041c (15020324)
732371.38 4052931.50 3.30967c (14012124) 732371.38 4052956.50 3.57084c (14012124)
732371.38 4052981.50 3.74111c (14012124) 732371.38 4053006.50 3.84379c (14012124)
732371.38 4053031.50 3.90218c (14012124) 732371.38 4053056.50 3.93459c (14012124)
732371.38 4053081.50 4.14357c (12011424) 732371.38 4053106.50 4.40281c (12011424)
732371.38 4053131.50 4.61591c (12011424) 732371.38 4053156.50 4.78921c (12011424)
732371.38 4053181.50 4.93128c (12011424) 732371.38 4053206.50 5.04970c (12011424)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ** ** PAGE 652
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
732371.38 4053231.50 5.14839c (12011424) 732371.38 4053981.50 3.44128c (12012424)
732371.38 4054006.50 3.23256c (14011324) 732371.38 4054031.50 3.05484c (14011324)
732371.38 4054056.50 3.03524c (13121124) 732371.38 4055231.50 0.85394m (12013024)
732371.38 4055256.50 0.86655m (12013024) 732371.38 4055281.50 0.87848m (12013024)
732371.38 4055306.50 0.89897m (12013024) 732371.38 4055331.50 0.90050m (12013024)
732396.38 4052331.50 2.33914 (12012224) 732396.38 4052356.50 2.28633 (12012224)
732396.38 4052381.50 2.22546 (12012224) 732396.38 4052406.50 2.15776 (12012224)
732396.38 4052431.50 2.23829 (13121924) 732396.38 4052456.50 2.30835 (13121924)
732396.38 4052481.50 2.36072 (13121924) 732396.38 4052506.50 2.39387 (13121924)
732396.38 4052531.50 2.47865c (13120124) 732396.38 4052556.50 2.61115c (13120124)
732396.38 4052581.50 2.72229c (13120124) 732396.38 4052606.50 2.80624c (13120124)
732396.38 4052631.50 2.86152c (13120124) 732396.38 4052656.50 2.88953c (13120124)
732396.38 4052681.50 2.89520c (13120124) 732396.38 4052706.50 2.88394c (13120124)
732396.38 4052731.50 2.86077c (13120124) 732396.38 4052756.50 2.82846c (13120124)
732396.38 4052781.50 2.79123 (12112824) 732396.38 4052806.50 2.89661 (12112824)
732396.38 4052831.50 2.97243 (12112824) 732396.38 4052856.50 3.02472 (12112824)
732396.38 4052881.50 3.06015 (12112824) 732396.38 4052906.50 3.10547c (15020324)
732396.38 4052931.50 3.38267c (14012124) 732396.38 4052956.50 3.65391c (14012124)
732396.38 4052981.50 3.82835c (14012124) 732396.38 4053006.50 3.93189c (14012124)
732396.38 4053031.50 3.98990c (14012124) 732396.38 4053056.50 4.02096c (14012124)
732396.38 4053081.50 4.30256c (12011424) 732396.38 4053106.50 4.56426c (12011424)
732396.38 4053131.50 4.77653c (12011424) 732396.38 4053156.50 4.95063c (12011424)
732396.38 4053181.50 5.09320c (12011424) 732396.38 4053206.50 5.21066c (12011424)
732396.38 4053231.50 5.30996c (12011424) 732396.38 4053981.50 3.36256c (12012424)
732396.38 4054006.50 3.17593c (14011324) 732396.38 4054031.50 3.12904c (13121124)
732396.38 4054056.50 3.14169c (13121124) 732396.38 4055231.50 0.93651m (12013024)
732396.38 4055256.50 0.94699m (12013024) 732396.38 4055281.50 0.95672m (12013024)
732396.38 4055306.50 0.96580m (12013024) 732396.38 4055331.50 0.97433m (12013024)
732421.38 4052331.50 2.47866 (12012224) 732421.38 4052356.50 2.43868 (12012224)
732421.38 4052381.50 2.38852 (12012224) 732421.38 4052406.50 2.32964 (12012224)
732421.38 4052431.50 2.26254 (12012224) 732421.38 4052456.50 2.29969 (13121924)
732421.38 4052481.50 2.37299 (13121924) 732421.38 4052506.50 2.42801 (13121924)
732421.38 4052531.50 2.46162 (13121924) 732421.38 4052556.50 2.58530c (13120124)
732421.38 4052581.50 2.71861c (13120124) 732421.38 4052606.50 2.82667c (13120124)
732421.38 4052631.50 2.90519c (13120124) 732421.38 4052656.50 2.95267c (13120124)
732421.38 4052681.50 2.97284c (13120124) 732421.38 4052706.50 2.97198c (13120124)
732421.38 4052731.50 2.95620c (13120124) 732421.38 4052756.50 2.92985c (13120124)
732421.38 4052781.50 2.89402c (13120124) 732421.38 4052806.50 2.94587 (12112824)
732421.38 4052831.50 3.03371 (12112824) 732421.38 4052856.50 3.09467 (12112824)
732421.38 4052881.50 3.13621 (12112824) 732421.38 4052906.50 3.18587c (15020324)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** 11:56:46
*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U* ** ** PAGE 653

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of concentration data for various coordinates.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of concentration data for various coordinates.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of monitoring data with various coordinates and concentration values.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** *** 11:56:46 PAGE 656

*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of monitoring data similar to the first table, with a different set of coordinates.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** *** 11:56:46 PAGE 657

*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of monitoring data similar to the first table, with a different set of coordinates.

Table with 6 columns: ID, X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Rows show receptor points and concentrations for various locations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
PAGE 660

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Rows show discrete Cartesian receptor points and concentrations for various locations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** ** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). Rows show discrete Cartesian receptor points and concentrations for various locations.

733046.38 4054031.50 3.11138c (14120624) 733046.38 4054056.50 2.98937c (14120624)
733046.38 4054081.50 2.87503c (14120624) 733046.38 4055256.50 1.07357b (12022124)
733046.38 4055281.50 1.05758b (12022124) 733046.38 4055306.50 1.04163b (12022124)
733046.38 4055331.50 1.02586b (12022124) 733071.38 4052331.50 3.26529c (14010424)
733071.38 4052356.50 3.34051c (14010424) 733071.38 4052381.50 3.42106c (14010424)
733071.38 4052406.50 3.50693c (14010424) 733071.38 4052431.50 3.59915c (14010424)
733071.38 4052456.50 3.69866c (14010424) 733071.38 4052481.50 3.80726c (14010424)
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 666

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for receptor points, showing coordinates and concentration values for various locations.

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** *** 11:56:46
*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* *** PAGE 667

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two columns of data for receptor points, showing coordinates and concentration values for various locations.

Table with columns for coordinates, values, and source IDs. Rows are grouped by source ID (e.g., 733521.38, 733522.38, etc.) and show various numerical values.

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

733571.38	4052856.50	7.46084c (14010724)	733571.38	4052881.50	7.72178 (13121724)
733571.38	4052906.50	8.05960 (13121724)	733571.38	4052931.50	8.00038 (13121724)
733571.38	4052956.50	7.88902 (13121724)	733571.38	4052981.50	7.77174 (13121724)
733571.38	4053006.50	7.65084 (13121724)	733571.38	4053031.50	7.52229 (13121724)
733571.38	4053056.50	7.38187 (13121724)	733571.38	4053081.50	7.24622 (13121724)
733571.38	4053106.50	7.10143 (13121724)	733571.38	4053131.50	7.49416c (12012524)
733571.38	4053156.50	7.84116c (12012524)	733571.38	4053181.50	8.07170c (12012524)
733571.38	4053206.50	8.25963c (12012524)	733571.38	4053231.50	8.36446c (12012524)
733571.38	4053256.50	8.44231c (12012524)	733571.38	4053281.50	8.48148c (12012524)
733571.38	4053306.50	8.49236c (12012524)	733571.38	4053331.50	8.50643c (12012524)
733571.38	4053356.50	8.48488c (12012524)	733571.38	4053381.50	8.48111c (12012524)
733571.38	4053406.50	8.45671c (12012524)	733571.38	4053431.50	8.44141c (12012524)
733571.38	4053456.50	8.40447c (12012524)	733571.38	4053481.50	8.39365c (12012524)
733571.38	4053506.50	8.37979c (12012524)	733571.38	4053531.50	8.33345c (12012524)
733571.38	4053556.50	8.30525c (12012524)	733571.38	4053581.50	8.25783c (12012524)
733571.38	4053606.50	8.14677c (12012524)	733571.38	4053631.50	7.79940c (12012524)
733571.38	4053656.50	6.86595c (12012524)	733571.38	4053681.50	6.57273 (13020524)
733571.38	4053706.50	6.51188 (13020524)	733571.38	4053731.50	6.36782 (13020524)
733571.38	4053756.50	6.19764c (12021424)	733571.38	4053781.50	6.06024c (12021424)
733571.38	4053806.50	5.90805c (12021424)	733571.38	4053831.50	5.74878c (12021424)
733571.38	4053856.50	5.58273c (12021424)	733571.38	4053881.50	5.43064c (12021424)
733571.38	4053906.50	5.28580c (12021424)	733571.38	4053931.50	5.14882c (12021424)
733571.38	4053956.50	5.01640c (12021424)	733571.38	4053981.50	4.89124c (12021424)
733571.38	4054006.50	4.77467c (12021424)	733571.38	4054031.50	4.63208c (12021424)
733571.38	4054056.50	4.55231c (12021424)	733571.38	4054081.50	4.44756c (12021424)
733571.38	4054106.50	4.34626c (12021424)	733571.38	4054131.50	4.24675c (12021424)
733571.38	4054156.50	4.14701c (12021424)	733571.38	4054181.50	4.04820c (12021424)

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733571.38	4054206.50	3.95124c (12021424)		733571.38	4054231.50	3.85152c (12021424)	
733571.38	4054256.50	3.75452c (12021424)		733571.38	4054281.50	3.65671c (12021424)	
733571.38	4054306.50	3.55819c (12021424)		733571.38	4054331.50	3.45883c (12021424)	
733571.38	4054356.50	3.35827c (12021424)		733571.38	4054381.50	3.25490c (12021424)	
733571.38	4054406.50	3.15220c (12021424)		733571.38	4054431.50	3.04869c (12021424)	
733571.38	4054456.50	2.94418c (12021424)		733571.38	4054481.50	2.83876c (12021424)	
733571.38	4054506.50	2.73172c (12021424)		733571.38	4054531.50	2.62461c (12021424)	
733571.38	4054556.50	2.51774c (12021424)		733571.38	4054581.50	2.41059c (12021424)	
733571.38	4054606.50	2.30356c (12021424)		733571.38	4054631.50	2.19686c (12021424)	
733571.38	4054656.50	2.09010c (12021424)		733571.38	4054681.50	1.98448c (12021424)	
733571.38	4054706.50	1.88050c (12021424)		733571.38	4054731.50	1.80626c (13020124)	
733571.38	4054756.50	1.79063c (13020124)		733571.38	4054781.50	1.77519c (13020124)	
733571.38	4054806.50	1.75987c (13020124)		733571.38	4054831.50	1.74475c (13020124)	
733571.38	4054856.50	1.72976c (13020124)		733571.38	4054881.50	1.71545c (13020124)	
733571.38	4054906.50	1.70133c (13020124)		733571.38	4054931.50	1.68745c (13020124)	
733571.38	4054956.50	1.67377c (13020124)		733571.38	4054981.50	1.66031c (13020124)	
733571.38	4055006.50	1.64673c (13020124)		733571.38	4055031.50	1.63338c (13020124)	
733571.38	4055056.50	1.62053c (13020124)		733571.38	4055081.50	1.60783c (13020124)	
733571.38	4055106.50	1.59533c (13020124)		733571.38	4055131.50	1.58296c (13020124)	
733571.38	4055156.50	1.57074c (13020124)		733571.38	4055181.50	1.55848c (13020124)	
733571.38	4055206.50	1.54643c (13020124)		733571.38	4055231.50	1.53446c (13020124)	
733571.38	4055256.50	1.52273c (13020124)		733571.38	4055281.50	1.51117c (13020124)	
733571.38	4055306.50	1.49968c (13020124)		733571.38	4055331.50	1.48831c (13020124)	
733596.38	4052331.50	3.76407c (12123024)		733596.38	4052356.50	3.83754c (12123024)	
733596.38	4052381.50	3.91395c (12123024)		733596.38	4052406.50	3.99326c (12123024)	
733596.38	4052431.50	4.07509c (12123024)		733596.38	4052456.50	4.15952c (12123024)	
733596.38	4052481.50	4.24624c (12123024)		733596.38	4052506.50	4.33581c (12123024)	
733596.38	4052531.50	4.42727c (12123024)		733596.38	4052556.50	4.51998c (12123024)	
733596.38	4052581.50	4.61390c (12123024)		733596.38	4052606.50	4.70748c (12123024)	
733596.38	4052631.50	4.79876c (12123024)		733596.38	4052656.50	4.97536c (14010724)	
733596.38	4052681.50	5.19947c (14010724)		733596.38	4052706.50	5.43771c (14010724)	
733596.38	4052731.50	5.69153c (14010724)		733596.38	4052756.50	5.96158c (14010724)	
733596.38	4052781.50	6.24275c (14010724)		733596.38	4052806.50	6.51888c (14010724)	
733596.38	4052831.50	6.74345c (14010724)		733596.38	4052856.50	6.85304c (14010724)	
733596.38	4052881.50	6.93555 (13121724)		733596.38	4052906.50	7.07175 (13121724)	
733596.38	4052931.50	6.99967 (13121724)		733596.38	4052956.50	6.89438 (13121724)	
733596.38	4052981.50	6.79142 (13121724)		733596.38	4053006.50	6.67662 (13121724)	
733596.38	4053031.50	6.56281 (13121724)		733596.38	4053056.50	6.43546 (13121724)	
733596.38	4053081.50	6.30970 (13121724)		733596.38	4053106.50	6.52639c (12012524)	
733596.38	4053131.50	6.98517c (12012524)		733596.38	4053156.50	7.32974c (12012524)	

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733596.38	4053181.50	7.61170c (12012524)		733596.38	4053206.50	7.79653c (12012524)	
733596.38	4053231.50	7.94076c (12012524)		733596.38	4053256.50	8.02891c (12012524)	
733596.38	4053281.50	8.07597c (12012524)		733596.38	4053306.50	8.11259c (12012524)	
733596.38	4053331.50	8.10689c (12012524)		733596.38	4053356.50	8.11520c (12012524)	
733596.38	4053381.50	8.09908c (12012524)		733596.38	4053406.50	8.08881c (12012524)	
733596.38	4053431.50	8.08037c (12012524)		733596.38	4053456.50	8.05016c (12012524)	
733596.38	4053481.50	8.03969c (12012524)		733596.38	4053506.50	8.00438c (12012524)	
733596.38	4053531.50	7.98375c (12012524)		733596.38	4053556.50	7.95711c (12012524)	
733596.38	4053581.50	7.90179c (12012524)		733596.38	4053606.50	7.81864c (12012524)	
733596.38	4053631.50	7.58068c (12012524)		733596.38	4053656.50	6.87092c (12012524)	
733596.38	4053681.50	6.07287 (14011524)		733596.38	4053706.50	6.04822 (13020524)	
733596.38	4053731.50	6.02814 (13020524)		733596.38	4053756.50	5.94889 (13020524)	
733596.38	4053781.50	5.81890 (13020524)		733596.38	4053806.50	5.67689c (12021424)	
733596.38	4053831.50	5.58777c (12021424)		733596.38	4053856.50	5.47981c (12021424)	
733596.38	4053881.50	5.36262c (12021424)		733596.38	4053906.50	5.23910c (12021424)	
733596.38	4053931.50	5.12106c (12021424)		733596.38	4053956.50	5.00209c (12021424)	
733596.38	4053981.50	4.88910c (12021424)		733596.38	4054006.50	4.78012c (12021424)	
733596.38	4054031.50	4.67107c (12021424)		733596.38	4054056.50	4.56600c (12021424)	
733596.38	4054081.50	4.47129c (12021424)		733596.38	4054106.50	4.37525c (12021424)	
733596.38	4054131.50	4.27856c (12021424)		733596.38	4054156.50	4.18656c (12021424)	

733596.38	4054181.50	4.09568c (12021424)	733596.38	4054206.50	4.00393c (12021424)
733596.38	4054231.50	3.91197c (12021424)	733596.38	4054256.50	3.82177c (12021424)
733596.38	4054281.50	3.73094c (12021424)	733596.38	4054306.50	3.63954c (12021424)
733596.38	4054331.50	3.54577c (12021424)	733596.38	4054356.50	3.45159c (12021424)
733596.38	4054381.50	3.35715c (12021424)	733596.38	4054406.50	3.26170c (12021424)
733596.38	4054431.50	3.16474c (12021424)	733596.38	4054456.50	3.06561c (12021424)
733596.38	4054481.50	2.96630c (12021424)	733596.38	4054506.50	2.86629c (12021424)
733596.38	4054531.50	2.76534c (12021424)	733596.38	4054556.50	2.66363c (12021424)
733596.38	4054581.50	2.56094c (12021424)	733596.38	4054606.50	2.45718c (12021424)
733596.38	4054631.50	2.35391c (12021424)	733596.38	4054656.50	2.25087c (12021424)
733596.38	4054681.50	2.14808c (12021424)	733596.38	4054706.50	2.04584c (12021424)
733596.38	4054731.50	1.94448c (12021424)	733596.38	4054756.50	1.84389c (12021424)
733596.38	4054781.50	1.74473c (12021424)	733596.38	4054806.50	1.69893c (13020124)
733596.38	4054831.50	1.68673c (13020124)	733596.38	4054856.50	1.67469c (13020124)
733596.38	4054881.50	1.66278c (13020124)	733596.38	4054906.50	1.65090c (13020124)
733596.38	4054931.50	1.63897c (13020124)	733596.38	4054956.50	1.62719c (13020124)
733596.38	4054981.50	1.61567c (13020124)	733596.38	4055006.50	1.60435c (13020124)
733596.38	4055031.50	1.59317c (13020124)	733596.38	4055056.50	1.58208c (13020124)
733596.38	4055081.50	1.57107c (13020124)	733596.38	4055106.50	1.56005c (13020124)
733596.38	4055131.50	1.54891c (13020124)	733596.38	4055156.50	1.53810c (13020124)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733596.38	4055181.50	1.52752c	(13020124)	733596.38	4055206.50	1.51704c	(13020124)
733596.38	4055231.50	1.50660c	(13020124)	733596.38	4055256.50	1.49624c	(13020124)
733596.38	4055281.50	1.48598c	(13020124)	733596.38	4055306.50	1.47575c	(13020124)
733596.38	4055331.50	1.46564c	(13020124)	733621.38	4052331.50	3.69802c	(12123024)
733621.38	4052356.50	3.76165c	(12123024)	733621.38	4052381.50	3.82625c	(12123024)
733621.38	4052406.50	3.89166c	(12123024)	733621.38	4052431.50	3.95703c	(12123024)
733621.38	4052456.50	4.02242c	(12123024)	733621.38	4052481.50	4.08746c	(12123024)
733621.38	4052506.50	4.15047c	(12123024)	733621.38	4052531.50	4.21068c	(12123024)
733621.38	4052556.50	4.26765c	(12123024)	733621.38	4052581.50	4.39528c	(14010724)
733621.38	4052606.50	4.57869c	(14010724)	733621.38	4052631.50	4.76912c	(14010724)
733621.38	4052656.50	4.97844c	(14010724)	733621.38	4052681.50	5.17539c	(14010724)
733621.38	4052706.50	5.39132c	(14010724)	733621.38	4052731.50	5.61252c	(14010724)
733621.38	4052756.50	5.83011c	(14010724)	733621.38	4052781.50	6.02589c	(14010724)
733621.38	4052806.50	6.16596c	(14010724)	733621.38	4052831.50	6.22030c	(14010724)
733621.38	4052856.50	6.16494c	(14010724)	733621.38	4052881.50	6.27304	(13121724)
733621.38	4052906.50	6.31447	(13121724)	733621.38	4052931.50	6.23360	(13121724)
733621.38	4052956.50	6.14084	(13121724)	733621.38	4052981.50	6.03769	(13121724)
733621.38	4053006.50	5.93565	(13121724)	733621.38	4053031.50	5.82065	(13121724)
733621.38	4053056.50	5.70642	(13121724)	733621.38	4053081.50	5.57876	(13121724)
733621.38	4053106.50	6.01552c	(12012524)	733621.38	4053131.50	6.47735c	(12012524)
733621.38	4053156.50	6.85988c	(12012524)	733621.38	4053181.50	7.14590c	(12012524)
733621.38	4053206.50	7.38975c	(12012524)	733621.38	4053231.50	7.52648c	(12012524)
733621.38	4053256.50	7.62773c	(12012524)	733621.38	4053281.50	7.70259c	(12012524)
733621.38	4053306.50	7.72942c	(12012524)	733621.38	4053331.50	7.75341c	(12012524)
733621.38	4053356.50	7.75136c	(12012524)	733621.38	4053381.50	7.74925c	(12012524)
733621.38	4053406.50	7.74601c	(12012524)	733621.38	4053431.50	7.72231c	(12012524)
733621.38	4053456.50	7.71510c	(12012524)	733621.38	4053481.50	7.69288c	(12012524)
733621.38	4053506.50	7.67173c	(12012524)	733621.38	4053531.50	7.65429c	(12012524)
733621.38	4053556.50	7.61743c	(12012524)	733621.38	4053581.50	7.57404c	(12012524)
733621.38	4053606.50	7.51469c	(12012524)	733621.38	4053631.50	7.32318c	(12012524)
733621.38	4053656.50	6.81454c	(12012524)	733621.38	4053681.50	5.95383c	(12012524)
733621.38	4053706.50	5.75586	(14011524)	733621.38	4053731.50	5.59072	(13020524)
733621.38	4053756.50	5.61097	(13020524)	733621.38	4053781.50	5.57406	(13020524)
733621.38	4053806.50	5.49407	(13020524)	733621.38	4053831.50	5.37648	(13020524)
733621.38	4053856.50	5.26585c	(12021424)	733621.38	4053881.50	5.20471c	(12021424)
733621.38	4053906.50	5.12977c	(12021424)	733621.38	4053931.50	5.04314c	(12021424)
733621.38	4053956.50	4.95254c	(12021424)	733621.38	4053981.50	4.85597c	(12021424)
733621.38	4054006.50	4.75862c	(12021424)	733621.38	4054031.50	4.66415c	(12021424)
733621.38	4054056.50	4.56786c	(12021424)	733621.38	4054081.50	4.47894c	(12021424)
733621.38	4054106.50	4.38820c	(12021424)	733621.38	4054131.50	4.30104c	(12021424)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733621.38	4054156.50	4.21517c	(12021424)	733621.38	4054181.50	4.12835c	(12021424)
733621.38	4054206.50	4.04291c	(12021424)	733621.38	4054231.50	3.95899c	(12021424)
733621.38	4054256.50	3.87501c	(12021424)	733621.38	4054281.50	3.78923c	(12021424)
733621.38	4054306.50	3.70379c	(12021424)	733621.38	4054331.50	3.61801c	(12021424)
733621.38	4054356.50	3.53161c	(12021424)	733621.38	4054381.50	3.44415c	(12021424)
733621.38	4054406.50	3.35401c	(12021424)	733621.38	4054431.50	3.26366c	(12021424)
733621.38	4054456.50	3.17244c	(12021424)	733621.38	4054481.50	3.08005c	(12021424)
733621.38	4054506.50	2.98640c	(12021424)	733621.38	4054531.50	2.89082c	(12021424)
733621.38	4054556.50	2.79379c	(12021424)	733621.38	4054581.50	2.6975c	(12021424)
733621.38	4054606.50	2.59894c	(12021424)	733621.38	4054631.50	2.50033c	(12021424)
733621.38	4054656.50	2.40133c	(12021424)	733621.38	4054681.50	2.30184c	(12021424)
733621.38	4054706.50	2.20187c	(12021424)	733621.38	4054731.50	2.10248c	(12021424)
733621.38	4054756.50	2.00394c	(12021424)	733621.38	4054781.50	1.90613c	(12021424)
733621.38	4054806.50	1.80938c	(12021424)	733621.38	4054831.50	1.71396c	(12021424)
733621.38	4054856.50	1.61969c	(12021424)	733621.38	4054881.50	1.59422c	(13020124)
733621.38	4054906.50	1.58521c	(13020124)	733621.38	4054931.50	1.57639c	(13020124)
733621.38	4054956.50	1.56749c	(13020124)	733621.38	4054981.50	1.55852c	(13020124)
733621.38	4055006.50	1.54956c	(13020124)	733621.38	4055031.50	1.54047c	(13020124)
733621.38	4055056.50	1.53148c	(13020124)	733621.38	4055081.50	1.52228c	(13020124)
733621.38	4055106.50	1.51339c	(13020124)	733621.38	4055131.50	1.50451c	(13020124)
733621.38	4055156.50	1.49569c	(13020124)	733621.38	4055181.50	1.48689c	(13020124)
733621.38	4055206.50	1.47809c	(13020124)	733621.38	4055231.50	1.46936c	(13020124)
733621.38	4055256.50	1.46022c	(13020124)	733621.38	4055281.50	1.45151c	(13020124)
733621.38	4055306.50	1.44286c	(13020124)	733621.38	4055331.50	1.43413c	(13020124)
733646.38	4052331.50	3.59009c	(12123024)	733646.38	4052356.50	3.63840c	(12123024)
733646.38	4052381.50	3.68523c	(12123024)	733646.38	4052406.50	3.73021c	(12123024)
733646.38	4052431.50	3.77294c	(12123024)	733646.38	4052456.50	3.81191c	(12123024)

733646.38	4052481.50	3.84600c	(12123024)	733646.38	4052506.50	3.92143c	(14010724)
733646.38	4052531.50	4.08021c	(14010724)	733646.38	4052556.50	4.24238c	(14010724)
733646.38	4052581.50	4.40888c	(14010724)	733646.38	4052606.50	4.58030c	(14010724)
733646.38	4052631.50	4.75673c	(14010724)	733646.38	4052656.50	4.93731c	(14010724)
733646.38	4052681.50	5.12008c	(14010724)	733646.38	4052706.50	5.29965c	(14010724)
733646.38	4052731.50	5.46591c	(14010724)	733646.38	4052756.50	5.60327c	(14010724)
733646.38	4052781.50	5.69078c	(14010724)	733646.38	4052806.50	5.70716c	(14010724)
733646.38	4052831.50	5.64997c	(14010724)	733646.38	4052856.50	5.57870	(13121724)
733646.38	4052881.50	5.71614	(13121724)	733646.38	4052906.50	5.70624	(13121724)
733646.38	4052931.50	5.62473	(13121724)	733646.38	4052956.50	5.53313	(13121724)
733646.38	4052981.50	5.43666	(13121724)	733646.38	4053006.50	5.33251	(13121724)
733646.38	4053031.50	5.22770	(13121724)	733646.38	4053056.50	5.11178	(13121724)
733646.38	4053081.50	4.99350	(13121724)	733646.38	4053106.50	5.51491c	(12012524)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733646.38	4053131.50	6.00688c	(12012524)	733646.38	4053156.50	6.39669c	(12012524)
733646.38	4053181.50	6.71771c	(12012524)	733646.38	4053206.50	6.95867c	(12012524)
733646.38	4053231.50	7.13196c	(12012524)	733646.38	4053256.50	7.26257c	(12012524)
733646.38	4053281.50	7.33274c	(12012524)	733646.38	4053306.50	7.38949c	(12012524)
733646.38	4053331.50	7.41054c	(12012524)	733646.38	4053356.50	7.42336c	(12012524)
733646.38	4053381.50	7.42956c	(12012524)	733646.38	4053406.50	7.41447c	(12012524)
733646.38	4053431.50	7.41147c	(12012524)	733646.38	4053456.50	7.39993c	(12012524)
733646.38	4053481.50	7.37840c	(12012524)	733646.38	4053506.50	7.36635c	(12012524)
733646.38	4053531.50	7.33394c	(12012524)	733646.38	4053556.50	7.31047c	(12012524)
733646.38	4053581.50	7.28035c	(12012524)	733646.38	4053606.50	7.21729c	(12012524)
733646.38	4053631.50	7.08380c	(12012524)	733646.38	4053656.50	6.71005c	(12012524)
733646.38	4053681.50	6.00210c	(12012524)	733646.38	4053706.50	5.55186	(14011524)
733646.38	4053731.50	5.47367	(14011524)	733646.38	4053756.50	5.29766	(14011524)
733646.38	4053781.50	5.23566	(13020524)	733646.38	4053806.50	5.23542	(13020524)
733646.38	4053831.50	5.19470	(13020524)	733646.38	4053856.50	5.11293	(13020524)
733646.38	4053881.50	5.01196	(13020524)	733646.38	4053906.50	4.92846c	(12021424)
733646.38	4053931.50	4.89006c	(12021424)	733646.38	4053956.50	4.83899c	(12021424)
733646.38	4053981.50	4.77401c	(12021424)	733646.38	4054006.50	4.70308c	(12021424)
733646.38	4054031.50	4.62712c	(12021424)	733646.38	4054056.50	4.54154c	(12021424)
733646.38	4054081.50	4.46647c	(12021424)	733646.38	4054106.50	4.38733c	(12021424)
733646.38	4054131.50	4.30798c	(12021424)	733646.38	4054156.50	4.22662c	(12021424)
733646.38	4054181.50	4.14759c	(12021424)	733646.38	4054206.50	4.06792c	(12021424)
733646.38	4054231.50	3.99047c	(12021424)	733646.38	4054256.50	3.91228c	(12021424)
733646.38	4054281.50	3.83450c	(12021424)	733646.38	4054306.50	3.75614c	(12021424)
733646.38	4054331.50	3.67691c	(12021424)	733646.38	4054356.50	3.59527c	(12021424)
733646.38	4054381.50	3.51422c	(12021424)	733646.38	4054406.50	3.43228c	(12021424)
733646.38	4054431.50	3.34910c	(12021424)	733646.38	4054456.50	3.26459c	(12021424)
733646.38	4054481.50	3.17834c	(12021424)	733646.38	4054506.50	3.08994c	(12021424)
733646.38	4054531.50	3.00099c	(12021424)	733646.38	4054556.50	2.91109c	(12021424)
733646.38	4054581.50	2.81991c	(12021424)	733646.38	4054606.50	2.72749c	(12021424)
733646.38	4054631.50	2.63376c	(12021424)	733646.38	4054656.50	2.53845c	(12021424)
733646.38	4054681.50	2.44345c	(12021424)	733646.38	4054706.50	2.34798c	(12021424)
733646.38	4054731.50	2.25211c	(12021424)	733646.38	4054756.50	2.15626c	(12021424)
733646.38	4054781.50	2.06031c	(12021424)	733646.38	4054806.50	1.96488c	(12021424)
733646.38	4054831.50	1.86991c	(12021424)	733646.38	4054856.50	1.77642c	(12021424)
733646.38	4054881.50	1.68421c	(12021424)	733646.38	4054906.50	1.59354c	(12021424)
733646.38	4054931.50	1.50458c	(12021424)	733646.38	4054956.50	1.49310c	(13020124)
733646.38	4054981.50	1.48653c	(13020124)	733646.38	4055006.50	1.48047c	(13020124)
733646.38	4055031.50	1.47430c	(13020124)	733646.38	4055056.50	1.46806c	(13020124)
733646.38	4055081.50	1.46165c	(13020124)	733646.38	4055106.50	1.45512c	(13020124)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733646.38	4055131.50	1.44843c	(13020124)	733646.38	4055156.50	1.44171c	(13020124)
733646.38	4055181.50	1.43485c	(13020124)	733646.38	4055206.50	1.42797c	(13020124)
733646.38	4055231.50	1.42113c	(13020124)	733646.38	4055256.50	1.41426c	(13020124)
733646.38	4055281.50	1.40738c	(13020124)	733646.38	4055306.50	1.40046c	(13020124)
733646.38	4055331.50	1.39346c	(13020124)	733671.38	4052331.50	3.43006c	(12123024)
733671.38	4052356.50	3.45807c	(12123024)	733671.38	4052381.50	3.48238c	(12123024)
733671.38	4052406.50	3.50207c	(12123024)	733671.38	4052431.50	3.51857c	(14010724)
733671.38	4052456.50	3.66088c	(14010724)	733671.38	4052481.50	3.80513c	(14010724)
733671.38	4052506.50	3.95125c	(14010724)	733671.38	4052531.50	4.10015c	(14010724)
733671.38	4052556.50	4.25174c	(14010724)	733671.38	4052581.50	4.40605c	(14010724)
733671.38	4052606.50	4.56205c	(14010724)	733671.38	4052631.50	4.71869c	(14010724)
733671.38	4052656.50	4.87207c	(14010724)	733671.38	4052681.50	5.01628c	(14010724)
733671.38	4052706.50	5.14189c	(14010724)	733671.38	4052731.50	5.23632c	(14010724)
733671.38	4052756.50	5.28620c	(14010724)	733671.38	4052781.50	5.28050c	(14010724)
733671.38	4052806.50	5.22000c	(14010724)	733671.38	4052831.50	5.11178c	(14010724)
733671.38	4052856.50	5.17530	(13121724)	733671.38	4052881.50	5.24248	(13121724)
733671.38	4052906.50	5.20096	(13121724)	733671.38	4052931.50	5.12235	(13121724)
733671.38	4052956.50	5.03100	(13121724)	733671.38	4052981.50	4.93565	(13121724)
733671.38	4053006.50	4.83836	(13121724)	733671.38	4053031.50	4.76826c	(14012224)
733671.38	4053056.50	4.76005c	(14012224)	733671.38	4053081.50	4.74525c	(14012224)
733671.38	4053106.50	5.05720c	(12012524)	733671.38	4053131.50	5.5856c	(12012524)
733671.38	4053156.50	5.97399c	(12012524)	733671.38	4053181.50	6.31016c	(12012524)
733671.38	4053206.50	6.56916c	(12012524)	733671.38	4053231.50	6.77224c	(12012524)
733671.38	4053256.50	6.90578c	(12012524)	733671.38	4053281.50	7.00698c	(12012524)
733671.38	4053306.50	7.06406c	(12012524)	733671.38	4053331.50	7.10186c	(12012524)
733671.38	4053356.50	7.12483c	(12012524)	733671.38	4053381.50	7.12293c	(12012524)
733671.38	4053406.50	7.12731c	(12012524)	733671.38	4053431.50	7.11990c	(12012524)
733671.38	4053456.50	7.10561c	(12012524)	733671.38	4053481.50	7.09775c	(12012524)
733671.38	4053506.50	7.07242c	(12012524)	733671.38	4053531.50	7.05612c	(12012524)
733671.38	4053556.50	7.03365c	(12012524)	733671.38	4053581.50	6.99501c	(12012524)
733671.38	4053606.50	6.95445c	(12012524)	733671.38	4053631.50	6.85446c	(12012524)
733671.38	4053656.50	6.56575c	(12012524)	733671.38	4053681.50	6.00788c	(12012524)
733671.38	4053706.50	5.31833	(14011524)	733671.38	4053731.50	5.29772	(14011524)
733671.38	4053756.50	5.21382	(14011524)	733671.38	4053781.50	5.05680	(14011524)

733671.38	4053806.50	4.90346	(13020524)	733671.38	4053831.50	4.92582	(13020524)
733671.38	4053856.50	4.91377	(13020524)	733671.38	4053881.50	4.86913	(13020524)
733671.38	4053906.50	4.79359	(13020524)	733671.38	4053931.50	4.70054	(13020524)
733671.38	4053956.50	4.65037c	(12021424)	733671.38	4053981.50	4.63008c	(12021424)
733671.38	4054006.50	4.59116c	(12021424)	733671.38	4054031.50	4.54162c	(12021424)
733671.38	4054056.50	4.48261c	(12021424)	733671.38	4054081.50	4.42581c	(12021424)

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 *** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733671.38	4054106.50	4.35901c	(12021424)	733671.38	4054131.50	4.29064c	(12021424)
733671.38	4054156.50	4.22239c	(12021424)	733671.38	4054181.50	4.14982c	(12021424)
733671.38	4054206.50	4.07996c	(12021424)	733671.38	4054231.50	4.00961c	(12021424)
733671.38	4054256.50	3.93876c	(12021424)	733671.38	4054281.50	3.86736c	(12021424)
733671.38	4054306.50	3.79359c	(12021424)	733671.38	4054331.50	3.72022c	(12021424)
733671.38	4054356.50	3.64683c	(12021424)	733671.38	4054381.50	3.57237c	(12021424)
733671.38	4054406.50	3.49698c	(12021424)	733671.38	4054431.50	3.41936c	(12021424)
733671.38	4054456.50	3.34009c	(12021424)	733671.38	4054481.50	3.26071c	(12021424)
733671.38	4054506.50	3.17996c	(12021424)	733671.38	4054531.50	3.09769c	(12021424)
733671.38	4054556.50	3.01381c	(12021424)	733671.38	4054581.50	2.92785c	(12021424)
733671.38	4054606.50	2.84074c	(12021424)	733671.38	4054631.50	2.75291c	(12021424)
733671.38	4054656.50	2.66384c	(12021424)	733671.38	4054681.50	2.57373c	(12021424)
733671.38	4054706.50	2.48274c	(12021424)	733671.38	4054731.50	2.39045c	(12021424)
733671.38	4054756.50	2.29753c	(12021424)	733671.38	4054781.50	2.20501c	(12021424)
733671.38	4054806.50	2.11241c	(12021424)	733671.38	4054831.50	2.01993c	(12021424)
733671.38	4054856.50	1.92791c	(12021424)	733671.38	4054881.50	1.83660c	(12021424)
733671.38	4054906.50	1.74556c	(12021424)	733671.38	4054931.50	1.65618c	(12021424)
733671.38	4054956.50	1.56840c	(12021424)	733671.38	4054981.50	1.48235c	(12021424)
733671.38	4055006.50	1.39814c	(12021424)	733671.38	4055031.50	1.39802c	(13020124)
733671.38	4055056.50	1.39178c	(13020124)	733671.38	4055081.50	1.38792c	(13020124)
733671.38	4055106.50	1.38393c	(13020124)	733671.38	4055131.50	1.37994c	(13020124)
733671.38	4055156.50	1.37587c	(13020124)	733671.38	4055181.50	1.37165c	(13020124)
733671.38	4055206.50	1.36717c	(13020124)	733671.38	4055231.50	1.36260c	(13020124)
733671.38	4055256.50	1.35791c	(13020124)	733671.38	4055281.50	1.35312c	(13020124)
733671.38	4055306.50	1.34816c	(13020124)	733671.38	4055331.50	1.34304c	(13020124)
733696.38	4052331.50	3.21485c	(12123024)	733696.38	4052356.50	3.21939c	(12123024)
733696.38	4052381.50	3.29710c	(14010724)	733696.38	4052406.50	3.42876c	(14010724)
733696.38	4052431.50	3.56155c	(14010724)	733696.38	4052456.50	3.69545c	(14010724)
733696.38	4052481.50	3.83067c	(14010724)	733696.38	4052506.50	3.96732c	(14010724)
733696.38	4052531.50	4.10521c	(14010724)	733696.38	4052556.50	4.24361c	(14010724)
733696.38	4052581.50	4.38138c	(14010724)	733696.38	4052606.50	4.51616c	(14010724)
733696.38	4052631.50	4.64383c	(14010724)	733696.38	4052656.50	4.75834c	(14010724)
733696.38	4052681.50	4.85167c	(14010724)	733696.38	4052706.50	4.91433c	(14010724)
733696.38	4052731.50	4.93783c	(14010724)	733696.38	4052756.50	4.91603c	(14010724)
733696.38	4052781.50	4.85259c	(14010724)	733696.38	4052806.50	4.75013c	(14010724)
733696.38	4052831.50	4.62953	(13121724)	733696.38	4052856.50	4.81196	(13121724)
733696.38	4052881.50	4.83245	(13121724)	733696.38	4052906.50	4.77610	(13121724)
733696.38	4052931.50	4.69381	(13121724)	733696.38	4052956.50	4.63803c	(14012224)
733696.38	4052981.50	4.62805c	(14012224)	733696.38	4053006.50	4.62009c	(14012224)
733696.38	4053031.50	4.60804c	(14012224)	733696.38	4053056.50	4.59964c	(14012224)

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733696.38	4053081.50	4.58737c	(14012224)	733696.38	4053106.50	4.62231c	(12012524)
733696.38	4053131.50	5.13751c	(12012524)	733696.38	4053156.50	5.57156c	(12012524)
733696.38	4053181.50	5.92434c	(12012524)	733696.38	4053206.50	6.21153c	(12012524)
733696.38	4053231.50	6.41985c	(12012524)	733696.38	4053256.50	6.58462c	(12012524)
733696.38	4053281.50	6.69131c	(12012524)	733696.38	4053306.50	6.76883c	(12012524)
733696.38	4053331.50	6.81826c	(12012524)	733696.38	4053356.50	6.83867c	(12012524)
733696.38	4053381.50	6.85615c	(12012524)	733696.38	4053406.50	6.85970c	(12012524)
733696.38	4053431.50	6.85115c	(12012524)	733696.38	4053456.50	6.84793c	(12012524)
733696.38	4053481.50	6.83288c	(12012524)	733696.38	4053506.50	6.81738c	(12012524)
733696.38	4053531.50	6.80414c	(12012524)	733696.38	4053556.50	6.77433c	(12012524)
733696.38	4053581.50	6.75042c	(12012524)	733696.38	4053606.50	6.71066c	(12012524)
733696.38	4053631.50	6.62659c	(12012524)	733696.38	4053656.50	6.61368c	(12012524)
733696.38	4053681.50	5.97660c	(12012524)	733696.38	4053706.50	5.31892c	(12012524)
733696.38	4053731.50	5.09456	(14011524)	733696.38	4053756.50	5.07290	(14011524)
733696.38	4053781.50	4.98339	(14011524)	733696.38	4053806.50	4.83288	(14011524)
733696.38	4053831.50	4.63275	(14011524)	733696.38	4053856.50	4.64788	(13020524)
733696.38	4053881.50	4.65644	(13020524)	733696.38	4053906.50	4.63481	(13020524)
733696.38	4053931.50	4.58513	(13020524)	733696.38	4053956.50	4.51757	(13020524)
733696.38	4053981.50	4.43882	(13020524)	733696.38	4054006.50	4.41503c	(12021424)
733696.38	4054031.50	4.40316c	(12021424)	733696.38	4054056.50	4.37038c	(12021424)
733696.38	4054081.50	4.33903c	(12021424)	733696.38	4054106.50	4.29589c	(12021424)
733696.38	4054131.50	4.24685c	(12021424)	733696.38	4054156.50	4.19171c	(12021424)
733696.38	4054181.50	4.13283c	(12021424)	733696.38	4054206.50	4.07344c	(12021424)
733696.38	4054231.50	4.01224c	(12021424)	733696.38	4054256.50	3.94945c	(12021424)
733696.38	4054281.50	3.88307c	(12021424)	733696.38	4054306.50	3.81799c	(12021424)
733696.38	4054331.50	3.75207c	(12021424)	733696.38	4054356.50	3.68516c	(12021424)
733696.38	4054381.50	3.61682c	(12021424)	733696.38	4054406.50	3.54593c	(12021424)
733696.38	4054431.50	3.47535c	(12021424)	733696.38	4054456.50	3.40376c	(12021424)
733696.38	4054481.50	3.33074c	(12021424)	733696.38	4054506.50	3.25572c	(12021424)
733696.38	4054531.50	3.17882c	(12021424)	733696.38	4054556.50	3.10095c	(12021424)
733696.38	4054581.50	3.02197c	(12021424)	733696.38	4054606.50	2.94141c	(12021424)
733696.38	4054631.50	2.85940c	(12021424)	733696.38	4054656.50	2.77580c	(12021424)
733696.38	4054681.50	2.68993c	(12021424)	733696.38	4054706.50	2.60384c	(12021424)
733696.38	4054731.50	2.51694c	(12021424)	733696.38	4054756.50	2.42904c	(12021424)
733696.38	4054781.50	2.34037c	(12021424)	733696.38	4054806.50	2.25122c	(12021424)
733696.38	4054831.50	2.16149c	(12021424)	733696.38	4054856.50	2.07130c	(12021424)
733696.38	4054881.50	1.98169c	(12021424)	733696.38	4054906.50	1.89267c	(12021424)
733696.38	4054931.50	1.80426c	(12021424)	733696.38	4054956.50	1.71679c	(12021424)
733696.38	4054981.50	1.63032c	(12021424)	733696.38	4055006.50	1.54477c	(12021424)
733696.38	4055031.50	1.46140c	(12021424)	733696.38	4055056.50	1.37975c	(12021424)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
733696.38	4055081.50	1.30181c	(13020124)	733696.38	4055106.50	1.30104c	(13020124)
733696.38	4055131.50	1.29999c	(13020124)	733696.38	4055156.50	1.29874c	(13020124)
733696.38	4055181.50	1.29702c	(13020124)	733696.38	4055206.50	1.29510c	(13020124)
733696.38	4055231.50	1.29275c	(13020124)	733696.38	4055256.50	1.29046c	(13020124)
733696.38	4055281.50	1.28801c	(13020124)	733696.38	4055306.50	1.28526c	(13020124)
733696.38	4055331.50	1.28239c	(13020124)	733721.38	4052331.50	3.09676c	(14010724)
733721.38	4052356.50	3.21967c	(14010724)	733721.38	4052381.50	3.34316c	(14010724)
733721.38	4052406.50	4.46721c	(14010724)	733721.38	4052431.50	3.59194c	(14010724)
733721.38	4052456.50	3.71711c	(14010724)	733721.38	4052481.50	3.84254c	(14010724)
733721.38	4052506.50	3.96756c	(14010724)	733721.38	4052531.50	4.09144c	(14010724)
733721.38	4052556.50	4.21242c	(14010724)	733721.38	4052581.50	4.32745c	(14010724)
733721.38	4052606.50	4.43258c	(14010724)	733721.38	4052631.50	4.52237c	(14010724)
733721.38	4052656.50	4.59000c	(14010724)	733721.38	4052681.50	4.62872c	(14010724)
733721.38	4052706.50	4.63335c	(14010724)	733721.38	4052731.50	4.60174c	(14010724)
733721.38	4052756.50	4.53382c	(14010724)	733721.38	4052781.50	4.43657c	(14010724)
733721.38	4052806.50	4.31583c	(14010724)	733721.38	4052831.50	4.41468	(13121724)
733721.38	4052856.50	4.48498	(13121724)	733721.38	4052881.50	4.47160	(13121724)
733721.38	4052906.50	4.40856	(13121724)	733721.38	4052931.50	4.47308c	(14012224)
733721.38	4052956.50	4.48056c	(14012224)	733721.38	4052981.50	4.47840c	(14012224)
733721.38	4053006.50	4.46564c	(14012224)	733721.38	4053031.50	4.45970c	(14012224)
733721.38	4053056.50	4.44712c	(14012224)	733721.38	4053081.50	4.43840c	(14012224)
733721.38	4053106.50	4.42751c	(14012224)	733721.38	4053131.50	4.74162c	(12012524)
733721.38	4053156.50	5.18954c	(12012524)	733721.38	4053181.50	5.56714c	(12012524)
733721.38	4053206.50	5.86249c	(12012524)	733721.38	4053231.50	6.10133c	(12012524)
733721.38	4053256.50	6.27134c	(12012524)	733721.38	4053281.50	6.40437c	(12012524)
733721.38	4053306.50	6.49023c	(12012524)	733721.38	4053331.50	6.54769c	(12012524)
733721.38	4053356.50	6.58722c	(12012524)	733721.38	4053381.50	6.60536c	(12012524)
733721.38	4053406.50	6.60969c	(12012524)	733721.38	4053431.50	6.61373c	(12012524)
733721.38	4053456.50	6.60369c	(12012524)	733721.38	4053481.50	6.59464c	(12012524)
733721.38	4053506.50	6.58596c	(12012524)	733721.38	4053531.50	6.56277c	(12012524)
733721.38	4053556.50	6.54638c	(12012524)	733721.38	4053581.50	6.52669c	(12012524)
733721.38	4053606.50	6.48497c	(12012524)	733721.38	4053631.50	6.42203c	(12012524)
733721.38	4053656.50	6.25182c	(12012524)	733721.38	4053681.50	5.90593c	(12012524)
733721.38	4053706.50	5.35611c	(12012524)	733721.38	4053731.50	4.87763	(14011524)
733721.38	4053756.50	4.89199	(14011524)	733721.38	4053781.50	4.86136	(14011524)
733721.38	4053806.50	4.77565	(14011524)	733721.38	4053831.50	4.63074	(14011524)
733721.38	4053856.50	4.44740	(14011524)	733721.38	4053881.50	4.39133	(13020524)
733721.38	4053906.50	4.41733	(13020524)	733721.38	4053931.50	4.41522	(13020524)
733721.38	4053956.50	4.38661	(13020524)	733721.38	4053981.50	4.34642	(13020524)
733721.38	4054006.50	4.28524	(13020524)	733721.38	4054031.50	4.20608	(13020524)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
733721.38	4054056.50	4.20594c	(12021424)	733721.38	4054081.50	4.20546c	(12021424)
733721.38	4054106.50	4.18937c	(12021424)	733721.38	4054131.50	4.16130c	(12021424)
733721.38	4054156.50	4.12476c	(12021424)	733721.38	4054181.50	4.08634c	(12021424)
733721.38	4054206.50	4.04080c	(12021424)	733721.38	4054231.50	3.99080c	(12021424)
733721.38	4054256.50	3.93766c	(12021424)	733721.38	4054281.50	3.88319c	(12021424)
733721.38	4054306.50	3.82686c	(12021424)	733721.38	4054331.50	3.76856c	(12021424)
733721.38	4054356.50	3.70723c	(12021424)	733721.38	4054381.50	3.64536c	(12021424)
733721.38	4054406.50	3.58299c	(12021424)	733721.38	4054431.50	3.51904c	(12021424)
733721.38	4054456.50	3.45359c	(12021424)	733721.38	4054481.50	3.38547c	(12021424)
733721.38	4054506.50	3.31689c	(12021424)	733721.38	4054531.50	3.24721c	(12021424)
733721.38	4054556.50	3.17591c	(12021424)	733721.38	4054581.50	3.10303c	(12021424)
733721.38	4054606.50	3.02749c	(12021424)	733721.38	4054631.50	2.95082c	(12021424)
733721.38	4054656.50	2.87322c	(12021424)	733721.38	4054681.50	2.79417c	(12021424)
733721.38	4054706.50	2.71362c	(12021424)	733721.38	4054731.50	2.63176c	(12021424)
733721.38	4054756.50	2.54837c	(12021424)	733721.38	4054781.50	2.46378c	(12021424)
733721.38	4054806.50	2.37826c	(12021424)	733721.38	4054831.50	2.29245c	(12021424)
733721.38	4054856.50	2.20618c	(12021424)	733721.38	4054881.50	2.11958c	(12021424)
733721.38	4054906.50	2.03286c	(12021424)	733721.38	4054931.50	1.94570c	(12021424)
733721.38	4054956.50	1.85930c	(12021424)	733721.38	4054981.50	1.77356c	(12021424)
733721.38	4055006.50	1.68886c	(12021424)	733721.38	4055031.50	1.60517c	(12021424)
733721.38	4055056.50	1.52282c	(12021424)	733721.38	4055081.50	1.44202c	(12021424)
733721.38	4055106.50	1.36255c	(12021424)	733721.38	4055131.50	1.28517c	(12021424)
733721.38	4055156.50	1.21026c	(13020124)	733721.38	4055181.50	1.21146c	(13020124)
733721.38	4055206.50	1.21234c	(13020124)	733721.38	4055231.50	1.21295c	(13020124)
733721.38	4055256.50	1.21329c	(13020124)	733721.38	4055281.50	1.21322c	(13020124)
733721.38	4055306.50	1.21295c	(13020124)	733721.38	4055331.50	1.21242c	(13020124)
733746.38	4052331.50	3.14563c	(14010724)	733746.38	4052356.50	3.26156c	(14010724)
733746.38	4052381.50	3.37768c	(14010724)	733746.38	4052406.50	3.49380c	(14010724)
733746.38	4052431.50	3.60962c	(14010724)	733746.38	4052456.50	3.72450c	(14010724)
733746.38	4052481.50	3.83786c	(14010724)	733746.38	4052506.50	3.94822c	(14010724)
733746.38	4052531.50	4.05359c	(14010724)	733746.38	4052556.50	4.15093c	(14010724)
733746.38	4052581.50	4.23657c	(14010724)	733746.38	4052606.50	4.30560c	(14010724)
733746.38	4052631.50	4.35271c	(14010724)	733746.38	4052656.50	4.37326c	(14010724)
733746.38	4052681.50	4.36367c	(14010724)	733746.38	4052706.50	4.32399c	(14010724)
733746.38	4052731.50	4.25423c	(14010724)	733746.38	4052756.50	4.16112c	(14010724)
733746.38	4052781.50	4.04539c	(14010724)	733746.38	4052806.50	4.05502	(13121724)
733746.38	4052831.50	4.15731	(13121724)	733746.38	4052856.50	4.18788	(13121724)
733746.38	4052881.50	4.15643	(13121724)	733746.38	4052906.50	4.26182c	(14012224)
733746.38	4052931.50	4.32977c	(14012224)	733746.38	4052956.50	4.34121c	(14012224)
733746.38	4052981.50	4.33302c	(14012224)	733746.38	4053006.50	4.32811c	(14012224)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46
PAGE 687

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733746.38	4053031.50	4.31684c	(14012224)	733746.38	4053056.50	4.31123c	(14012224)
733746.38	4053081.50	4.29863c	(14012224)	733746.38	4053106.50	4.29269c	(14012224)
733746.38	4053131.50	4.36532c	(12012524)	733746.38	4053156.50	4.83356c	(12012524)
733746.38	4053181.50	5.21773c	(12012524)	733746.38	4053206.50	5.54102c	(12012524)
733746.38	4053231.50	5.78834c	(12012524)	733746.38	4053256.50	5.98749c	(12012524)
733746.38	4053281.50	6.12865c	(12012524)	733746.38	4053306.50	6.23202c	(12012524)
733746.38	4053331.50	6.30551c	(12012524)	733746.38	4053356.50	6.35037c	(12012524)
733746.38	4053381.50	6.37212c	(12012524)	733746.38	4053406.50	6.38854c	(12012524)
733746.38	4053431.50	6.38901c	(12012524)	733746.38	4053456.50	6.38540c	(12012524)
733746.38	4053481.50	6.38168c	(12012524)	733746.38	4053506.50	6.36533c	(12012524)
733746.38	4053531.50	6.35262c	(12012524)	733746.38	4053556.50	6.33808c	(12012524)
733746.38	4053581.50	6.31048c	(12012524)	733746.38	4053606.50	6.28535c	(12012524)
733746.38	4053631.50	6.23292c	(12012524)	733746.38	4053656.50	6.09679c	(12012524)
733746.38	4053681.50	5.82504c	(12012524)	733746.38	4053706.50	5.36633c	(12012524)
733746.38	4053731.50	4.75602c	(12012524)	733746.38	4053756.50	4.69634	(14011524)
733746.38	4053781.50	4.70837	(14011524)	733746.38	4053806.50	4.67006	(14011524)
733746.38	4053831.50	4.58465	(14011524)	733746.38	4053856.50	4.44781	(14011524)
733746.38	4053881.50	4.27766	(14011524)	733746.38	4053906.50	4.15718	(13020524)
733746.38	4053931.50	4.19762	(13020524)	733746.38	4053956.50	4.20880	(13020524)
733746.38	4053981.50	4.19774	(13020524)	733746.38	4054006.50	4.17562	(13020524)
733746.38	4054031.50	4.13161	(13020524)	733746.38	4054056.50	4.06899	(13020524)
733746.38	4054081.50	4.01839c	(12021424)	733746.38	4054106.50	4.02939c	(12021424)
733746.38	4054131.50	4.02934c	(12021424)	733746.38	4054156.50	4.01834c	(12021424)
733746.38	4054181.50	4.00002c	(12021424)	733746.38	4054206.50	3.97386c	(12021424)
733746.38	4054231.50	3.94129c	(12021424)	733746.38	4054256.50	3.90351c	(12021424)
733746.38	4054281.50	3.86109c	(12021424)	733746.38	4054306.50	3.81355c	(12021424)
733746.38	4054331.50	3.76461c	(12021424)	733746.38	4054356.50	3.71363c	(12021424)
733746.38	4054381.50	3.66038c	(12021424)	733746.38	4054406.50	3.60483c	(12021424)
733746.38	4054431.50	3.54648c	(12021424)	733746.38	4054456.50	3.48779c	(12021424)
733746.38	4054481.50	3.42764c	(12021424)	733746.38	4054506.50	3.36584c	(12021424)
733746.38	4054531.50	3.30218c	(12021424)	733746.38	4054556.50	3.23584c	(12021424)
733746.38	4054581.50	3.16885c	(12021424)	733746.38	4054606.50	3.10051c	(12021424)
733746.38	4054631.50	3.03042c	(12021424)	733746.38	4054656.50	2.95860c	(12021424)
733746.38	4054681.50	2.88507c	(12021424)	733746.38	4054706.50	2.80914c	(12021424)
733746.38	4054731.50	2.73246c	(12021424)	733746.38	4054756.50	2.65466c	(12021424)
733746.38	4054781.50	2.57539c	(12021424)	733746.38	4054806.50	2.49495c	(12021424)
733746.38	4054831.50	2.41356c	(12021424)	733746.38	4054856.50	2.33104c	(12021424)
733746.38	4054881.50	2.24723c	(12021424)	733746.38	4054906.50	2.16357c	(12021424)
733746.38	4054931.50	2.07966c	(12021424)	733746.38	4054956.50	1.99564c	(12021424)
733746.38	4054981.50	1.91178c	(12021424)	733746.38	4055006.50	1.82828c	(12021424)

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
733746.38	4055031.50	1.74519c	(12021424)	733746.38	4055056.50	1.66259c	(12021424)
733746.38	4055081.50	1.58125c	(12021424)	733746.38	4055106.50	1.50142c	(12021424)
733746.38	4055131.50	1.42304c	(12021424)	733746.38	4055156.50	1.34628c	(12021424)
733746.38	4055181.50	1.27127c	(12021424)	733746.38	4055206.50	1.19825c	(12021424)
733746.38	4055231.50	1.12742c	(12021424)	733746.38	4055256.50	1.12662c	(13020124)
733746.38	4055281.50	1.12919c	(13020124)	733746.38	4055306.50	1.13125c	(13020124)
733746.38	4055331.50	1.13320c	(13020124)	733771.38	4055231.50	3.18389c	(14010724)
733771.38	4052356.50	3.29247c	(14010724)	733771.38	4052381.50	3.40038c	(14010724)
733771.38	4052406.50	3.50743c	(14010724)	733771.38	4052431.50	3.61256c	(14010724)
733771.38	4052456.50	3.71476c	(14010724)	733771.38	4052481.50	3.81242c	(14010724)
733771.38	4052506.50	3.90357c	(14010724)	733771.38	4052531.50	3.98530c	(14010724)
733771.38	4052556.50	4.05410c	(14010724)	733771.38	4052581.50	4.10585c	(14010724)
733771.38	4052606.50	4.13641c	(14010724)	733771.38	4052631.50	4.14268c	(14010724)
733771.38	4052656.50	4.12291c	(14010724)	733771.38	4052681.50	4.07683c	(14010724)
733771.38	4052706.50	4.00640c	(14010724)	733771.38	4052731.50	3.91506c	(14010724)
733771.38	4052756.50	3.80456c	(14010724)	733771.38	4052781.50	3.78601c	(12010824)
733771.38	4052806.50	3.66607c	(12010824)	733771.38	4052831.50	3.91625	(13121724)
733771.38	4052856.50	3.92086	(13121724)	733771.38	4052881.50	3.97590c	(14012224)
733771.38	4052906.50	4.14270c	(14012224)	733771.38	4052931.50	4.20010c	(14012224)
733771.38	4052956.50	4.20820c	(14012224)	733771.38	4052981.50	4.20408c	(14012224)
733771.38	4053006.50	4.19579c	(14012224)	733771.38	4053031.50	4.18936c	(14012224)
733771.38	4053056.50	4.18010c	(14012224)	733771.38	4053081.50	4.17297c	(14012224)
733771.38	4053106.50	4.16096c	(14012224)	733771.38	4053131.50	4.15253c	(14012224)
733771.38	4053156.50	4.48705c	(12012524)	733771.38	4053181.50	4.48949c	(12012524)
733771.38	4053206.50	5.22601c	(12012524)	733771.38	4053231.50	5.50085c	(12012524)
733771.38	4053256.50	5.71132c	(12012524)	733771.38	4053281.50	5.87183c	(12012524)
733771.38	4053306.50	5.99249c	(12012524)	733771.38	4053331.50	6.06978c	(12012524)
733771.38	4053356.50	6.12520c	(12012524)	733771.38	4053381.50	6.16187c	(12012524)
733771.38	4053406.50	6.17638c	(12012524)	733771.38	4053431.50	6.18430c	(12012524)
733771.38	4053456.50	6.18773c	(12012524)	733771.38	4053481.50	6.17670c	(12012524)
733771.38	4053506.50	6.16983c	(12012524)	733771.38	4053531.50	6.16069c	(12012524)
733771.38	4053556.50	6.13962c	(12012524)	733771.38	4053581.50	6.12318c	(12012524)
733771.38	4053606.50	6.10020c	(12012524)	733771.38	4053631.50	6.04857c	(12012524)
733771.38	4053656.50	5.94845c	(12012524)	733771.38	4053681.50	5.72849c	(12012524)
733771.38	4053706.50	5.34689c	(12012524)	733771.38	4053731.50	4.82009c	(12012524)
733771.38	4053756.50	4.48959	(14011524)	733771.38	4053781.50	4.52893	(14011524)
733771.38	4053806.50	4.53297	(14011524)	733771.38	4053831.50	4.49542	(14011524)
733771.38	4053856.50	4.40972	(14011524)	733771.38	4053881.50	4.28127	(14011524)
733771.38	4053906.50	4.12048	(14011524)	733771.38	4053931.50	3.94113	(13020524)
733771.38	4053956.50	3.99011	(13020524)	733771.38	4053981.50	4.01483	(13020524)

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 *** AERMET - VERSION 18081 *** *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

733771.38	4054006.50	4.02282	(13020524)	733771.38	4054031.50	4.01511	(13020524)
733771.38	4054056.50	3.98252	(13020524)	733771.38	4054081.50	3.93898	(13020524)
733771.38	4054106.50	3.88294	(13020524)	733771.38	4054131.50	3.85195c	(12021424)
733771.38	4054156.50	3.86917c	(12021424)	733771.38	4054181.50	3.87517c	(12021424)
733771.38	4054206.50	3.87123c	(12021424)	733771.38	4054231.50	3.85851c	(12021424)
733771.38	4054256.50	3.83638c	(12021424)	733771.38	4054281.50	3.80902c	(12021424)
733771.38	4054306.50	3.77719c	(12021424)	733771.38	4054331.50	3.74077c	(12021424)
733771.38	4054356.50	3.70060c	(12021424)	733771.38	4054381.50	3.65596c	(12021424)
733771.38	4054406.50	3.60852c	(12021424)	733771.38	4054431.50	3.55986c	(12021424)
733771.38	4054456.50	3.50881c	(12021424)	733771.38	4054481.50	3.45555c	(12021424)
733771.38	4054506.50	3.39934c	(12021424)	733771.38	4054531.50	3.34195c	(12021424)
733771.38	4054556.50	3.28334c	(12021424)	733771.38	4054581.50	3.22286c	(12021424)
733771.38	4054606.50	3.16058c	(12021424)	733771.38	4054631.50	3.09574c	(12021424)
733771.38	4054656.50	3.02918c	(12021424)	733771.38	4054681.50	2.96179c	(12021424)
733771.38	4054706.50	2.89261c	(12021424)	733771.38	4054731.50	2.82175c	(12021424)
733771.38	4054756.50	2.74933c	(12021424)	733771.38	4054781.50	2.67539c	(12021424)
733771.38	4054806.50	2.59941c	(12021424)	733771.38	4054831.50	2.52215c	(12021424)
733771.38	4054856.50	2.44421c	(12021424)	733771.38	4054881.50	2.36536c	(12021424)
733771.38	4054906.50	2.28552c	(12021424)	733771.38	4054931.50	2.20506c	(12021424)
733771.38	4054956.50	2.12359c	(12021424)	733771.38	4054981.50	2.04189c	(12021424)
733771.38	4055006.50	1.96029c	(12021424)	733771.38	4055031.50	1.87909c	(12021424)
733771.38	4055056.50	1.79816c	(12021424)	733771.38	4055081.50	1.71778c	(12021424)
733771.38	4055106.50	1.63804c	(12021424)	733771.38	4055131.50	1.55897c	(12021424)
733771.38	4055156.50	1.48140c	(12021424)	733771.38	4055181.50	1.40501c	(12021424)
733771.38	4055206.50	1.33040c	(12021424)	733771.38	4055231.50	1.25758c	(12021424)
733771.38	4055256.50	1.18658c	(12021424)	733771.38	4055281.50	1.11766c	(12021424)
733771.38	4055306.50	1.05083c	(12021424)	733771.38	4055331.50	1.04661c	(13020124)
733796.38	4052331.50	3.21098c	(14010724)	733796.38	4052356.50	3.11138c	(14010724)
733796.38	4052381.50	3.40990c	(14010724)	733796.38	4052406.50	3.50570c	(14010724)
733796.38	4052431.50	3.59746c	(14010724)	733796.38	4052456.50	3.68358c	(14010724)
733796.38	4052481.50	3.76196c	(14010724)	733796.38	4052506.50	3.82957c	(14010724)
733796.38	4052531.50	3.88379c	(14010724)	733796.38	4052556.50	3.92101c	(14010724)
733796.38	4052581.50	3.93834c	(14010724)	733796.38	4052606.50	3.93347c	(14010724)
733796.38	4052631.50	3.90573c	(14010724)	733796.38	4052656.50	3.85523c	(14010724)
733796.38	4052681.50	3.78420c	(14010724)	733796.38	4052706.50	3.69397c	(14010724)
733796.38	4052731.50	3.58811c	(14010724)	733796.38	4052756.50	3.60952c	(12010824)
733796.38	4052781.50	3.71040c	(12010824)	733796.38	4052806.50	3.75489c	(12010824)
733796.38	4052831.50	3.75537c	(12010824)	733796.38	4052856.50	3.72983c	(12010824)
733796.38	4052881.50	3.89623c	(14012224)	733796.38	4052906.50	4.03150c	(14012224)
733796.38	4052931.50	4.07805c	(14012224)	733796.38	4052956.50	4.08618c	(14012224)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)
733796.38	4052981.50	4.08138c	733796.38	4053006.50	4.07556c
733796.38	4053031.50	4.06780c	733796.38	4053056.50	4.06082c
733796.38	4053081.50	4.05146c	733796.38	4053106.50	4.04311c
733796.38	4053131.50	4.03062c	733796.38	4053156.50	4.16294c
733796.38	4053181.50	4.58014c	733796.38	4053206.50	4.93323c
733796.38	4053231.50	5.21904c	733796.38	4053256.50	5.44926c
733796.38	4053281.50	5.62931c	733796.38	4053306.50	5.75618c
733796.38	4053331.50	5.85263c	733796.38	4053356.50	5.92008c
733796.38	4053381.50	5.95908c	733796.38	4053406.50	5.98288c
733796.38	4053431.50	5.99805c	733796.38	4053456.50	5.99706c
733796.38	4053481.50	5.99548c	733796.38	4053506.50	5.99123c
733796.38	4053531.50	5.97422c	733796.38	4053556.50	5.96379c
733796.38	4053581.50	5.94818c	733796.38	4053606.50	5.92145c
733796.38	4053631.50	5.88579c	733796.38	4053656.50	5.80426c
733796.38	4053681.50	5.62320c	733796.38	4053706.50	5.31354c
733796.38	4053731.50	4.85536c	733796.38	4053756.50	4.29394c
733796.38	4053781.50	4.34361	733796.38	4053806.50	4.37359
733796.38	4053831.50	4.37294	733796.38	4053856.50	4.33294
733796.38	4053881.50	4.24934	733796.38	4053906.50	4.12861
733796.38	4053931.50	3.97570	733796.38	4053956.50	3.80287
733796.38	4053981.50	3.79632	733796.38	4054006.50	3.83259
733796.38	4054031.50	3.85507	733796.38	4054056.50	3.85347
733796.38	4054081.50	3.84157	733796.38	4054106.50	3.80888
733796.38	4054131.50	3.76251	733796.38	4054156.50	3.71140
733796.38	4054181.50	3.70562c	733796.38	4054206.50	3.72519c
733796.38	4054231.50	3.73467c	733796.38	4054256.50	3.73496c
733796.38	4054281.50	3.72702c	733796.38	4054306.50	3.71717c
733796.38	4054331.50	3.68851c	733796.38	4054356.50	3.66094c
733796.38	4054381.50	3.62945c	733796.38	4054406.50	3.59401c
733796.38	4054431.50	3.55467c	733796.38	4054456.50	3.51101c
733796.38	4054481.50	3.46578c	733796.38	4054506.50	3.41847c
733796.38	4054531.50	3.36879c	733796.38	4054556.50	3.31681c
733796.38	4054581.50	3.26148c	733796.38	4054606.50	3.20555c
733796.38	4054631.50	3.14790c	733796.38	4054656.50	3.08824c
733796.38	4054681.50	3.02668c	733796.38	4054706.50	2.96336c
733796.38	4054731.50	2.89797c	733796.38	4054756.50	2.83036c
733796.38	4054781.50	2.76161c	733796.38	4054806.50	2.69150c
733796.38	4054831.50	2.61994c	733796.38	4054856.50	2.54696c
733796.38	4054881.50	2.47253c	733796.38	4054906.50	2.39620c
733796.38	4054931.50	2.31951c	733796.38	4054956.50	2.24209c

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)
733796.38	4054981.50	2.16410c	733796.38	4055006.50	2.08557c
733796.38	4055031.50	2.00674c	733796.38	4055056.50	1.92749c
733796.38	4055081.50	1.84817c	733796.38	4055106.50	1.76948c
733796.38	4055131.50	1.69145c	733796.38	4055156.50	1.61413c
733796.38	4055181.50	1.53772c	733796.38	4055206.50	1.46237c
733796.38	4055231.50	1.38833c	733796.38	4055256.50	1.31586c

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points for the first simulation, showing coordinates and concentrations for various time steps from 733871.38 to 731171.38.

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Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). This table is a continuation of the receptor point data from the first simulation, listing points from 731221.38 to 732521.38.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). This table continues the receptor point data from the second simulation, listing points from 732571.38 to 733421.38.

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows include data points like 733471.38 4055381.50 1.47854c (13020124) 733471.38 4055431.50 1.44855c (13020124).

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows include data points like 733871.38 4055481.50 1.08335c (12021424) 733921.38 4055381.50 1.57830c (12021424).

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows include data points like 733971.38 4055031.50 2.62438c (12021424) 733971.38 4054981.50 2.71767c (12021424).

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
731921.38	4052231.50	1.83827c	(13120124)	731921.38	4052181.50	1.69080c	(13120124)
731871.38	4052281.50	1.91025c	(13120124)	731871.38	4052231.50	1.85520c	(13120124)
731871.38	4052181.50	1.74790c	(13120124)	731821.38	4052281.50	1.86291c	(13120124)
731821.38	4052231.50	1.84428c	(13120124)	731821.38	4052181.50	1.77645c	(13120124)
731771.38	4052281.50	1.79791c	(13120124)	731771.38	4052231.50	1.80925c	(13120124)
731771.38	4052181.50	1.77833c	(13120124)	731721.38	4052281.50	1.71802c	(13120124)
731721.38	4052231.50	1.75551c	(13120124)	731721.38	4052181.50	1.75534c	(13120124)
731671.38	4052281.50	1.62713c	(13120124)	731671.38	4052231.50	1.68613c	(13120124)
731671.38	4052181.50	1.71254c	(13120124)	731621.38	4052281.50	1.52614c	(13120124)
731621.38	4052231.50	1.60387c	(13120124)	731621.38	4052181.50	1.56311c	(13120124)
731571.38	4052281.50	1.41716c	(13120124)	731571.38	4052231.50	1.51127c	(13120124)
731571.38	4052181.50	1.58014c	(13120124)	731521.38	4052281.50	1.30176c	(13120124)
731521.38	4052231.50	1.41015c	(13120124)	731521.38	4052181.50	1.49587c	(13120124)
731471.38	4052281.50	1.18173c	(13120124)	731471.38	4052231.50	1.30214c	(13120124)
731471.38	4052181.50	1.40248c	(13120124)	731421.38	4052281.50	1.09607	(12112824)
731421.38	4052231.50	1.18859c	(13120124)	731421.38	4052181.50	1.30154c	(13120124)
731371.38	4052281.50	1.13983	(12112824)	731371.38	4052231.50	1.07184c	(13120124)
731371.38	4052181.50	1.19434c	(13120124)	731321.38	4052281.50	1.17688	(12112824)
731321.38	4052231.50	1.01838	(12112824)	731321.38	4052181.50	1.08320c	(13120124)
731271.38	4052281.50	1.20765	(12112824)	731271.38	4052231.50	1.06229	(12112824)
731271.38	4052181.50	0.96984c	(13120124)	731221.38	4052281.50	1.23119	(12112824)
731221.38	4052231.50	1.09958	(12112824)	731221.38	4052181.50	0.94806	(12112824)
731171.38	4052281.50	1.24814	(12112824)	731171.38	4052231.50	1.13031	(12112824)
731171.38	4052181.50	0.99065	(12112824)	731121.38	4052281.50	1.26149	(12112824)
731121.38	4052231.50	1.15734	(12112824)	731121.38	4052181.50	1.02939	(12112824)
731071.38	4052281.50	1.26953	(12112824)	731071.38	4052231.50	1.17917	(12112824)
731071.38	4052181.50	1.06346	(12112824)	731021.38	4052281.50	1.27206	(12112824)
731021.38	4052231.50	1.19515	(12112824)	731021.38	4052181.50	1.09206	(12112824)
730971.38	4052281.50	1.26953	(12112824)	730971.38	4052231.50	1.20551	(12112824)
730971.38	4052181.50	1.11512	(12112824)	730921.38	4052281.50	1.26231	(12112824)
730921.38	4052231.50	1.21112	(12112824)	730921.38	4052181.50	1.13294	(12112824)
730871.38	4052281.50	1.25157	(12112824)	730871.38	4052231.50	1.21196	(12112824)
730871.38	4052181.50	1.14588	(12112824)	730821.38	4052281.50	1.23643	(12112824)
730821.38	4052231.50	1.20851	(12112824)	730821.38	4052181.50	1.15416	(12112824)
730771.38	4052281.50	1.21816	(12112824)	730771.38	4052231.50	1.20108	(12112824)
730771.38	4052181.50	1.15809	(12112824)	730721.38	4052281.50	1.19685	(12112824)
730721.38	4052231.50	1.18961	(12112824)	730721.38	4052181.50	1.15751	(12112824)
730621.38	4052331.50	1.23904	(12112824)	730621.38	4052381.50	1.21664	(12112824)
730621.38	4052431.50	1.20279	(12121324)	730621.38	4052481.50	1.26090	(12121324)
730621.38	4052531.50	1.28985	(12121324)	730621.38	4052581.50	1.29757	(12121324)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
730821.38	4052631.50	1.30003c	(15020324)	730821.38	4052681.50	1.31899c	(15020324)
730821.38	4052731.50	1.31588	(14012424)	730821.38	4052781.50	1.33100	(14012424)
730821.38	4052831.50	1.38371c	(14012124)	730821.38	4052881.50	1.57991c	(14012124)
730821.38	4052931.50	1.72142c	(14012124)	730821.38	4052981.50	1.81150c	(14012124)
730821.38	4053031.50	1.83156c	(14012124)	730821.38	4053081.50	1.85821c	(14012124)
730821.38	4053131.50	1.85029c	(14012124)	730821.38	4053181.50	1.80764c	(14012124)
730821.38	4053231.50	1.72771c	(14012124)	730821.38	4053281.50	1.82015c	(12011424)
730821.38	4053331.50	1.94390c	(12011424)	730821.38	4053381.50	2.03649c	(12011424)
730821.38	4053431.50	2.09630c	(12011424)	730821.38	4053481.50	2.11993c	(12011424)
730821.38	4053531.50	2.10551c	(12011424)	730821.38	4053581.50	2.05136c	(12011424)
730821.38	4053631.50	1.95795c	(12011424)	730821.38	4053681.50	1.82945c	(12011424)
730821.38	4053731.50	1.67270c	(12011424)	730821.38	4053781.50	1.56354c	(13010924)
730821.38	4053831.50	1.56293c	(13010924)	730821.38	4053881.50	1.52995c	(13010924)
730821.38	4053931.50	1.46128c	(13010924)	730821.38	4053981.50	1.44531c	(12020324)
730821.38	4054031.50	1.39785c	(12020324)	730821.38	4054081.50	1.33365c	(12010924)
730821.38	4054131.50	1.42594c	(12011524)	730821.38	4054181.50	1.55804c	(12011524)
730821.38	4054231.50	1.66743c	(12011524)	730821.38	4054281.50	1.74922c	(12011524)
730821.38	4054331.50	1.79922c	(12011524)	730821.38	4054381.50	1.81368c	(12011524)
730821.38	4054431.50	1.79085c	(12011524)	730821.38	4054481.50	1.73098c	(12011524)
730821.38	4054531.50	1.63679c	(12011524)	730821.38	4054581.50	1.51432c	(12011524)
730821.38	4054631.50	1.37112c	(12011524)	730821.38	4054681.50	1.36930c	(12012424)
730821.38	4054731.50	1.44064c	(12012424)	730821.38	4054781.50	1.49355c	(12012424)
730821.38	4054831.50	1.52390c	(12012424)	730821.38	4054881.50	1.52886c	(12012424)
730821.38	4054931.50	1.50723c	(12012424)	730821.38	4054981.50	1.45946c	(12012424)
730821.38	4055031.50	1.40986c	(14011324)	730821.38	4055081.50	1.38552c	(14011324)
730821.38	4055131.50	1.33945c	(14011324)	730821.38	4055181.50	1.27416c	(14011324)
730821.38	4055231.50	1.19300c	(14011324)	730821.38	4055281.50	1.09983c	(14011324)
730821.38	4055331.50	0.99859c	(14011324)	730821.38	4055381.50	0.95252c	(15120924)
730821.38	4055431.50	0.92791c	(15120924)	730821.38	4055481.50	0.92091m	(12022224)
730771.38	4052331.50	1.21051	(12112824)	730771.38	4052381.50	1.17921	(12112824)
730771.38	4052431.50	1.20278	(12121324)	730771.38	4052481.50	1.25158	(12121324)
730771.38	4052531.50	1.27413	(12121324)	730771.38	4052581.50	1.27666	(12121324)
730771.38	4052631.50	1.28395c	(15020324)	730771.38	4052681.50	1.29743c	(15020324)
730771.38	4052731.50	1.30104	(14012424)	730771.38	4052781.50	1.31207	(14012424)
730771.38	4052831.50	1.37490c	(14012124)	730771.38	4052881.50	1.56388c	(14012124)
730771.38	4052931.50	1.70002c	(14012124)	730771.38	4052981.50	1.78678c	(14012124)
730771.38	4053031.50	1.83431c	(14012124)	730771.38	4053081.50	1.82689c	(14012124)
730771.38	4053131.50	1.81663c	(14012124)	730771.38	4053181.50	1.77157c	(14012124)
730771.38	4053231.50	1.68942c	(14012124)	730771.38	4053281.50	1.77339c	(12011424)
730771.38	4053331.50	1.89617c	(12011424)	730771.38	4053381.50	1.98906c	(12011424)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of data for receptor points, listing coordinates and concentrations for various locations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of data for receptor points, listing coordinates and concentrations for various locations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMDDHH). It contains two columns of data for receptor points, listing coordinates and concentrations for various locations.

732496.38 4055564.75 1.17992m (12013024) 732496.38 4055648.25 1.16228m (12013024)
732496.38 4055731.50 1.14170m (12013024) 732595.00 4055564.75 1.22886m (12013024)
732595.00 4055648.25 1.19044m (12013024) 732595.00 4055731.50 1.15026m (12013024)
732693.63 4055564.75 1.18291m (12013024) 732693.63 4055648.25 1.12665m (12013024)
732693.63 4055731.50 1.06974m (12013024) 732792.19 4055564.75 1.04582m (12013024)
732792.19 4055648.25 1.00630b (12022124) 732792.19 4055731.50 0.98102b (12022124)
732890.81 4055564.75 1.03547b (12022124) 732890.81 4055648.25 1.00120b (12022124)
732890.81 4055731.50 0.96767b (12022124) 732989.44 4055564.75 0.96489b (12022124)
732989.44 4055648.25 0.92202b (12022124) 732989.44 4055731.50 0.88025b (12022124)
733088.06 4055564.75 0.90817 (13021224) 733088.06 4055648.25 0.87832 (13021224)
733088.06 4055731.50 0.84965 (13021224) 733186.63 4055564.75 0.94254c (14120624)
733186.63 4055648.25 0.89484c (14120624) 733186.63 4055731.50 0.85003c (14120624)
733285.25 4055564.75 1.06856c (14120624) 733285.25 4055648.25 1.02610c (14120624)
733285.25 4055731.50 0.98353c (14120624) 733383.88 4055564.75 1.27227c (13020124)
733383.88 4055648.25 1.21245c (13020124) 733383.88 4055731.50 1.15411c (13020124)
733482.50 4055564.75 1.37657c (13020124) 733482.50 4055648.25 1.32901c (13020124)
733482.50 4055731.50 1.28195c (13020124) 733581.13 4055564.75 1.38131c (13020124)
733581.13 4055648.25 1.34654c (13020124) 733581.13 4055731.50 1.31182c (13020124)
733679.69 4055564.75 1.27795c (13020124) 733679.69 4055648.25 1.25970c (13020124)
733679.69 4055731.50 1.24070c (13020124) 733778.31 4055564.75 1.05071c (13020124)
733778.31 4055648.25 1.05520c (13020124) 733778.31 4055731.50 1.05730c (13020124)
733876.94 4055564.75 0.91315c (12021424) 733876.94 4055648.25 0.86631m (12121224)
733876.94 4055731.50 0.83548m (12121224) 733975.56 4055564.75 1.03406c (12021424)
733975.56 4055648.25 1.14729c (12021424) 733975.56 4055731.50 0.96184c (12021424)
734074.13 4055564.75 1.75354c (12021424) 734074.13 4055648.25 1.55873c (12021424)
734074.13 4055731.50 1.36599c (12021424) 734172.75 4055564.75 2.06329c (12021424)
734172.75 4055648.25 1.90273c (12021424) 734172.75 4055731.50 1.73260c (12021424)
734271.38 4055564.75 2.22964c (12021424) 734271.38 4055648.25 2.12534c (12021424)
734271.38 4055731.50 2.00121c (12021424) 734104.69 4055481.50 2.04133c (12021424)
734104.69 4055383.00 2.23799c (12021424) 734104.69 4055284.25 2.40992c (12021424)
734104.69 4055185.75 2.55040c (12021424) 734104.69 4055087.00 2.64990c (12021424)
734104.69 4054988.50 2.70073c (12021424) 734104.69 4054889.75 2.68976c (12021424)
734104.69 4054791.25 2.60765c (12021424) 734104.69 4054692.50 2.51205 (13020524)
734104.69 4054594.00 2.59856 (13020524) 734104.69 4054495.50 2.57958 (13020524)
734104.69 4054396.75 2.45944b (12121424) 734104.69 4054298.25 2.54799 (14011524)
734104.69 4054199.50 2.94349 (14011524) 734104.69 4054101.00 3.10526 (14011524)
734104.69 4054002.25 2.98499 (14011524) 734104.69 4053903.75 2.71160c (13011224)
734104.69 4053805.00 3.91469c (12012524) 734104.69 4053706.50 4.42051c (12012524)
734104.69 4053608.00 4.49102c (12012524) 734104.69 4053509.25 4.43495c (12012524)
734104.69 4053410.75 4.15525c (12012524) 734104.69 4053312.00 3.42262c (12012524)

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), CONC (YYMMDDHH). It lists discrete Cartesian receptor points for the Luna Valley Solar project, showing coordinates and concentrations in micrograms per cubic meter for various receptor locations.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** ** ** *** 11:56:46
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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 7 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), CONC (YYMMDDHH). It lists discrete Cartesian receptor points, continuing from the previous table, showing coordinates and concentrations in micrograms per cubic meter for various receptor locations.

733922.75	4052014.75	2.26008c	(14010724)	733922.75	4051931.50	1.98792c	(14010724)
733824.13	4052098.25	2.33247c	(14010724)	733824.13	4052014.75	2.21799c	(12123024)
733824.13	4051931.50	2.27267c	(12123024)	733725.56	4052098.25	2.87994c	(12123024)
733725.56	4052014.75	2.81381c	(12123024)	733725.56	4051931.50	2.73457c	(12123024)
733626.94	4052098.25	3.16422c	(12123024)	733626.94	4052014.75	3.00606c	(12123024)
733626.94	4051931.50	2.86076c	(12123024)	733528.31	4052098.25	3.17633c	(12123024)
733528.31	4052014.75	2.98993c	(12123024)	733528.31	4051931.50	2.81789c	(12123024)
733429.69	4052098.25	3.07506c	(12123024)	733429.69	4052014.75	2.85492c	(12123024)
733429.69	4051931.50	2.64419c	(12123024)	733331.13	4052098.25	2.98705c	(14010424)
733331.13	4052014.75	2.81770c	(14010424)	733331.13	4051931.50	2.67059c	(14010424)
733232.50	4052098.25	2.92775c	(14010424)	733232.50	4052014.75	2.77307c	(14010424)
733232.50	4051931.50	2.63803c	(14010424)	733133.88	4052098.25	2.81663c	(14010424)
733133.88	4052014.75	2.66916c	(14010424)	733133.88	4051931.50	2.53918c	(14010424)
733035.25	4052098.25	2.64621c	(14010424)	733035.25	4052014.75	2.49675c	(14010424)
733035.25	4051931.50	2.36372c	(14010424)	732936.63	4052098.25	2.49372	(13011224)
732936.63	4052014.75	2.33718	(13011224)	732936.63	4051931.50	2.18753	(13011224)
732838.06	4052098.25	2.49449	(13011224)	732838.06	4052014.75	2.36815	(13011224)
732838.06	4051931.50	2.25039	(13011224)	732739.44	4052098.25	2.42805c	(13021924)
732739.44	4052014.75	2.32137c	(13021924)	732739.44	4051931.50	2.19989	(13011224)
732640.81	4052098.25	2.58577	(14021524)	732640.81	4052014.75	2.37218	(14021524)
732640.81	4051931.50	2.16418	(14021524)	732542.19	4052098.25	2.62882	(14021524)
732542.19	4052014.75	2.46844	(14021524)	732542.19	4051931.50	2.32150	(14021524)
732443.63	4052098.25	2.41784	(14021524)	732443.63	4052014.75	2.40023	(14021524)
732443.63	4051931.50	2.33470	(14021524)	732345.00	4052098.25	2.32006	(12012224)
732345.00	4052014.75	2.25502	(12012224)	732345.00	4051931.50	2.12704	(12012224)
732246.38	4052098.25	1.97600	(12012224)	732246.38	4052014.75	2.07988	(12012224)
732246.38	4051931.50	2.09678	(12012224)	732147.75	4052098.25	1.54508	(13121924)
732147.75	4052014.75	1.67129	(12012224)	732147.75	4051931.50	1.81969	(12012224)
732049.13	4052098.25	1.68338	(13121924)	732049.13	4052014.75	1.48035	(13121924)
732049.13	4051931.50	1.38816	(12012224)	731950.56	4052098.25	1.66178	(13121924)
731950.56	4052014.75	1.59304	(13121924)	731950.56	4051931.50	1.42114	(13121924)
731851.94	4052098.25	1.51027c	(13120124)	731851.94	4052014.75	1.55793	(13121924)
731851.94	4051931.50	1.51274	(13121924)	731753.31	4052098.25	1.63777c	(13120124)
731753.31	4052014.75	1.39745	(13121924)	731753.31	4051931.50	1.46628	(13121924)

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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
731654.69 4052098.25 1.66872c (13120124) 731654.69 4052014.75 1.52565c (13120124)
731654.69 4051931.50 1.30890 (13121924) 731556.13 4052098.25 1.61401c (13120124)
731556.13 4052014.75 1.57366c (13120124) 731556.13 4051931.50 1.42526c (13120124)
731457.50 4052098.25 1.49660c (13120124) 731457.50 4052014.75 1.53583c (13120124)
731457.50 4051931.50 1.48694c (13120124) 731358.88 4052098.25 1.33546c (13120124)
731358.88 4052014.75 1.44229c (13120124) 731358.88 4051931.50 1.47093c (13120124)
731260.25 4052098.25 1.14449c (13120124) 731260.25 4052014.75 1.29911c (13120124)
731260.25 4051931.50 1.39202c (13120124) 731161.63 4052098.25 0.93644c (13120124)
731161.63 4052014.75 1.2471c (13120124) 731161.63 4051931.50 1.26633c (13120124)
731063.06 4052098.25 0.83793 (12112824) 731063.06 4052014.75 0.92969c (13120124)
731063.06 4051931.50 1.10445c (13120124) 730964.44 4052098.25 0.92024 (12112824)
730964.44 4052014.75 0.72980c (13120124) 730964.44 4051931.50 0.92262c (13120124)
730865.81 4052098.25 0.98561 (12112824) 730865.81 4052014.75 0.77572 (12112824)
730865.81 4051931.50 0.73314c (13120124) 730767.19 4052098.25 1.03350 (12112824)
730767.19 4052014.75 0.85187 (12112824) 730767.19 4051931.50 0.64188 (12112824)
730668.63 4052098.25 1.06397 (12112824) 730668.63 4052014.75 0.91359 (12112824)
730668.63 4051931.50 0.72269 (12112824) 730570.00 4052098.25 1.07763 (12112824)
730570.00 4052014.75 0.95986 (12112824) 730570.00 4051931.50 0.79335 (12112824)
730471.38 4052098.25 1.07589 (12112824) 730471.38 4052014.75 0.98960 (12112824)
730471.38 4051931.50 0.85149 (12112824) 730368.06 4052181.50 1.14801 (12112824)
730368.06 4052280.00 1.15503 (12112824) 730368.06 4052378.75 1.13190 (12121324)
730368.06 4052477.25 1.21900 (12121324) 730368.06 4052576.00 1.21927 (12121324)
730368.06 4052674.50 1.23983c (15020324) 730368.06 4052773.25 1.26215 (14012424)
730368.06 4052871.75 1.49344c (14012124) 730368.06 4052970.50 1.71079c (14012124)
730368.06 4053069.00 1.77910c (14012124) 730368.06 4053167.50 1.73982c (14012124)
730368.06 4053266.25 1.61547c (12011424) 730368.06 4053364.75 1.84195c (12011424)
730368.06 4053463.00 1.95689c (12011424) 730368.06 4053562.00 1.94266c (12011424)
730368.06 4053660.75 1.79206c (12011424) 730368.06 4053759.25 1.52858c (12011424)
730368.06 4053858.00 1.47053c (13010924) 730368.06 4053956.50 1.39426c (13010924)
730368.06 4054055.00 1.33726c (12020324) 730368.06 4054153.75 1.23894c (12010924)
730368.06 4054252.25 1.42027c (12011524) 730368.06 4054351.00 1.60564c (12011524)
730368.06 4054449.50 1.68311c (12011524) 730368.06 4054548.25 1.63380c (12011524)
730368.06 4054646.75 1.46560c (12011524) 730368.06 4054745.50 1.21533c (12011524)
730368.06 4054844.00 1.31328c (12012424) 730368.06 4054942.50 1.40254c (12012424)
730368.06 4055041.25 1.40599c (12012424) 730368.06 4055139.75 1.31835c (12012424)
730368.06 4055238.50 1.27066c (14011324) 730368.06 4055337.00 1.16216c (14011324)
730368.06 4055435.75 1.00292c (14011324) 730368.06 4055534.25 0.88761 (12110624)
730368.06 4055633.00 0.83170c (15120924) 730368.06 4055731.50 0.85050m (12022224)
730554.69 4052181.50 1.12828 (12112824) 730554.69 4052280.00 1.10589 (12112824)
730554.69 4052378.75 1.13375 (12121324) 730554.69 4052477.25 1.19653 (12121324)
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*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
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*** MODELPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
730554.69 4052576.00 1.19124c (15020324) 730554.69 4052674.50 1.21239 (14012424)
730554.69 4052773.25 1.23075 (14012424) 730554.69 4052871.75 1.47104c (14012124)
730554.69 4052970.50 1.67531c (14012124) 730554.69 4053069.00 1.73717c (14012124)
730554.69 4053167.50 1.69066c (14012124) 730554.69 4053266.25 1.54923c (12011424)
730554.69 4053364.75 1.77223c (12011424) 730554.69 4053463.50 1.89016c (12011424)
730554.69 4053562.00 1.88536c (12011424) 730554.69 4053660.75 1.75089c (12011424)
730554.69 4053759.25 1.50685c (12011424) 730554.69 4053858.00 1.43069c (13010924)
730554.69 4053956.50 1.37917c (13010924) 730554.69 4054055.00 1.31573c (12020324)
730554.69 4054153.75 1.20330c (12020324) 730554.69 4054252.25 1.30342c (12010924)
730554.69 4054351.00 1.49649c (12011524) 730554.69 4054449.50 1.61371c (12011524)
730554.69 4054548.25 1.61523c (12011524) 730554.69 4054646.75 1.49764c (12011524)
730554.69 4054745.50 1.28579c (12011524) 730554.69 4054844.00 1.18840c (12012424)
730554.69 4054942.50 1.31387c (12012424) 730554.69 4055041.25 1.36818c (12012424)
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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 40 rows of concentration data for various receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
*** AERMET - VERSION 18081 *** 11:56:46
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 40 rows of concentration data for various receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE_RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR 06/30/20
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains concentration data for various receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 PAGE 722

*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains concentration data for various receptor points.

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
*** AERMET - VERSION 18081 *** *** 11:56:46 PAGE 723

*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains concentration data for various receptor points.

732144.52	4053228.72	4.05051c	(12011424)	732119.87	4053227.66	3.95667c	(12011424)
732095.21	4053226.60	3.86712c	(12011424)	732070.55	4053225.54	3.78077c	(12011424)
732045.90	4053224.47	3.69795c	(12011424)	732010.32	4053262.35	3.71950c	(12011424)
732009.29	4053287.24	3.78319c	(12011424)	732008.26	4053312.12	3.83582c	(12011424)
732007.23	4053337.00	3.87785c	(12011424)	732006.20	4053361.89	3.91153c	(12011424)
732005.16	4053386.77	3.93589c	(12011424)	732004.13	4053411.65	3.95106c	(12011424)
732003.10	4053436.54	3.95466c	(12011424)	732002.07	4053461.42	3.94424c	(12011424)
732001.04	4053486.30	3.91544c	(12011424)	732000.01	4053511.19	3.86406c	(12011424)
731998.98	4053536.07	3.78621c	(12011424)	731997.95	4053560.96	3.67692c	(12011424)
731996.92	4053585.84	3.53486c	(12011424)	731995.89	4053610.72	3.36055c	(12011424)
731994.86	4053635.61	3.15697c	(12011424)	731993.83	4053660.49	3.00818c	(12011524)
731992.79	4053685.37	3.09220c	(12011524)	731991.76	4053710.26	3.16367c	(12011524)
731990.73	4053735.14	3.22312c	(12011524)	731989.70	4053760.02	3.27080c	(12011524)
731988.67	4053784.91	3.30742c	(12011524)	731618.98	4052754.41	1.74384	(12121324)
731970.56	4052769.07	2.13163	(12112824)	731984.67	4052430.30	2.03561c	(13120124)
731630.89	4052415.47	1.32986	(12112824)	731622.73	4052615.08	1.69302	(12112824)
731617.25	4052630.86	1.69236	(12112824)	731615.97	4052668.93	1.68698	(12112824)
731621.54	4052690.04	1.69291	(12121324)	731642.42	4052755.39	1.76112	(12121324)
731665.86	4052756.36	1.77836	(12121324)	731689.30	4052757.34	1.79604	(12121324)
731712.73	4052758.32	1.81407	(12121324)	731736.17	4052759.30	1.83219	(12121324)
731759.61	4052760.27	1.85077	(12121324)	731783.05	4052761.25	1.86939	(12121324)
731806.49	4052762.23	1.89080	(12112824)	731829.93	4052763.21	1.92510	(12112824)
731853.37	4052764.18	1.95948	(12112824)	731876.81	4052765.16	1.99384	(12112824)
731900.24	4052766.14	2.02832	(12112824)	731923.68	4052767.12	2.06275	(12112824)
731947.12	4052768.09	2.09739	(12112824)	731971.57	4052744.87	2.12443	(12112824)
731972.58	4052720.67	2.10720	(12112824)	731973.58	4052696.48	2.07867	(12112824)
731974.59	4052672.28	2.03803	(12112824)	731975.60	4052648.08	1.98440	(12112824)
731976.61	4052623.88	1.91758	(12112824)	731977.62	4052599.69	1.83773	(12112824)
731978.62	4052575.49	1.78585c	(13120124)	731979.63	4052551.29	1.84714c	(13120124)
731980.64	4052527.09	1.90114c	(13120124)	731981.65	4052502.89	1.94733c	(13120124)
731982.65	4052478.70	1.98450c	(13120124)	731983.66	4052454.50	2.01470c	(13120124)
731961.08	4052429.31	1.99220c	(13120124)	731937.50	4052428.32	1.94648c	(13120124)
731913.91	4052427.33	1.89828c	(13120124)	731890.33	4052426.35	1.84845c	(13120124)
731866.74	4052425.36	1.79703c	(13120124)	731843.16	4052424.37	1.74405c	(13120124)
731819.57	4052423.38	1.68970c	(13120124)	731795.99	4052422.39	1.63414c	(13120124)
731772.40	4052421.40	1.57748c	(13120124)	731748.82	4052420.41	1.51995c	(13120124)
731725.23	4052419.42	1.46154c	(13120124)	731701.65	4052418.44	1.40247c	(13120124)
731678.06	4052417.45	1.34291c	(13120124)	731654.48	4052416.46	1.32044	(12112824)
731629.87	4052440.42	1.40453	(12112824)	731628.85	4052465.37	1.47214	(12112824)
731627.83	4052490.32	1.53158	(12112824)	731626.81	4052515.28	1.66475	(12112824)

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46 ***
 PAGE 724

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**			
X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)				
731625.79	4052540.23	1.70367	(12112824)	731624.77	4052565.18	1.65629	(12112824)		
731623.75	4052590.13	1.67926	(12112824)	731616.61	4052649.90	1.69209	(12112824)		
731620.69	4052711.50	1.71704	(12121324)	731619.83	4052732.95	1.73342	(12121324)		

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46 ***
 PAGE 725

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**		
GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID				
ALL	1ST HIGHEST VALUE IS	3.29712 AT (733270.54, 4052910.26, 63.14, 63.14, 0.00)	DC					
	2ND HIGHEST VALUE IS	3.29556 AT (733294.91, 4052911.30, 63.14, 63.14, 0.00)	DC					
	3RD HIGHEST VALUE IS	3.29535 AT (733246.16, 4052909.23, 63.24, 63.24, 0.00)	DC					
	4TH HIGHEST VALUE IS	3.28899 AT (733319.29, 4052912.34, 63.11, 63.11, 0.00)	DC					
	5TH HIGHEST VALUE IS	3.28839 AT (733221.79, 4052908.19, 63.24, 63.24, 0.00)	DC					
	6TH HIGHEST VALUE IS	3.27733 AT (733197.41, 4052907.15, 63.29, 63.29, 0.00)	DC					
	7TH HIGHEST VALUE IS	3.27633 AT (733343.66, 4052913.37, 63.04, 63.04, 0.00)	DC					
	8TH HIGHEST VALUE IS	3.26895 AT (733196.38, 4052906.50, 63.30, 63.30, 0.00)	DC					
	9TH HIGHEST VALUE IS	3.26580 AT (733221.38, 4052906.50, 63.24, 63.24, 0.00)	DC					
	10TH HIGHEST VALUE IS	3.26066 AT (733173.04, 4052906.12, 63.35, 63.35, 0.00)	DC					

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46 ***
 PAGE 726

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*
 *** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**		
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID			
ALL	HIGH 1ST HIGH VALUE IS	161.42421 ON 14011508:	AT (733521.38, 4053631.50, 61.64, 61.64, 0.00)	DC				

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 06/30/20
 *** AERMET - VERSION 18081 *** *** 11:56:46 ***
 PAGE 727

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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** CONC OF OTHER      IN MICROGRAMS/M**3      **

          DATE
GROUP ID  AVERAGE CONC  (YYMMDDHH)  RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  NETWORK
-----
ALL      HIGH  1ST HIGH VALUE IS  60.07241 ON 12011409: AT ( 732799.70, 4053253.51, 63.34, 63.34, 0.00) DC

*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR

*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
*** AERMET - VERSION 18081 ***   ***                                     ***   11:56:46
*** MODELOPTs:   RegDFAULT CONC ELEV RURAL ADJ_U*                                     PAGE 728

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*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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** CONC OF OTHER      IN MICROGRAMS/M**3      **

          DATE
GROUP ID  AVERAGE CONC  (YYMMDDHH)  RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  NETWORK
-----
ALL      HIGH  1ST HIGH VALUE IS  23.65347c ON 12122516: AT ( 732813.81, 4053250.67, 63.34, 63.34, 0.00) DC

*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR

*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
*** AERMET - VERSION 18081 ***   ***                                     ***   11:56:46
*** MODELOPTs:   RegDFAULT CONC ELEV RURAL ADJ_U*                                     PAGE 729

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*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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** CONC OF OTHER      IN MICROGRAMS/M**3      **

          DATE
GROUP ID  AVERAGE CONC  (YYMMDDHH)  RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  NETWORK
-----
ALL      HIGH  1ST HIGH VALUE IS  13.75154c ON 12012424: AT ( 732813.81, 4053250.67, 63.34, 63.34, 0.00) DC

*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR

*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   06/30/20
*** AERMET - VERSION 18081 ***   ***                                     ***   11:56:46
*** MODELOPTs:   RegDFAULT CONC ELEV RURAL ADJ_U*                                     PAGE 730

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*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

```

A Total of      0 Fatal Error Message(s)
A Total of      2 Warning Message(s)
A Total of     2796 Informational Message(s)

A Total of     43848 Hours Were Processed
A Total of      1025 Calm Hours Identified
A Total of      1771 Missing Hours Identified ( 4.04 Percent)

```

***** FATAL ERROR MESSAGES *****
 *** NONE ***

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***** WARNING MESSAGES *****
ME W186  9765  MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used      0.50
ME W187  9765  MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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***** AERMOD Finishes Successfully *****


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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 10/5/2020
** File: C:\Users\tiffany.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\LVS_NO2_1HR_100220.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\tiffany.amos\Documents\Working (Laptop)\Luna Valley Solar
  MODELOPT DEFAULT CONC ARM2
  AVERTIME 1
  POLLUTID NO2
  RUNORNOT RUN
** NO2 Conversion Options
  ARMORATIO 0.500 0.900
  ERRORFIL LVS_NO2_1HR_100220.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION AREAL AREA 732835.014 4052897.482 63.000
** Source Parameters **
  SRCPARAM AREAL 2.3063E-06 5.000 696.870 696.870 -2.000 1.000

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
  EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT AREAL HROFDY 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT AREAL HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "RISK" "Receptors generated from Risk Grid"
  DISCCART 730871.38 4052331.50 69.77 69.77
  DISCCART 730871.38 4052356.50 69.61 69.61
  DISCCART 730871.38 4052381.50 69.47 69.47
  DISCCART 730871.38 4052406.50 69.44 69.44
  DISCCART 730871.38 4052431.50 69.44 69.44
  DISCCART 730871.38 4052456.50 69.44 69.44
  DISCCART 730871.38 4052481.50 69.53 69.53
  DISCCART 730871.38 4052506.50 69.48 69.48
  DISCCART 730871.38 4052531.50 69.44 69.44
  DISCCART 730871.38 4052556.50 69.35 69.35
  DISCCART 730871.38 4052581.50 69.28 69.28
  DISCCART 730871.38 4052606.50 69.20 69.20
  DISCCART 730871.38 4052631.50 69.14 69.14
  DISCCART 730871.38 4052656.50 69.04 69.04
  DISCCART 730871.38 4052681.50 68.94 68.94
  DISCCART 730871.38 4052706.50 68.85 68.85
  DISCCART 730871.38 4052731.50 68.76 68.76
  DISCCART 730871.38 4052756.50 68.72 68.72
  DISCCART 730871.38 4052781.50 68.64 68.64
  DISCCART 730871.38 4052806.50 68.54 68.54
  DISCCART 730871.38 4052831.50 68.46 68.46
  DISCCART 730871.38 4052856.50 68.38 68.38
  DISCCART 730871.38 4052881.50 68.34 68.34
  DISCCART 730871.38 4052906.50 68.25 68.25
  DISCCART 730871.38 4052931.50 68.16 68.16
  DISCCART 730871.38 4052956.50 68.10 68.10
  DISCCART 730871.38 4052981.50 68.04 68.04
  DISCCART 730871.38 4053006.50 67.95 67.95
  DISCCART 730871.38 4053031.50 67.90 67.90
  DISCCART 730871.38 4053056.50 67.84 67.84
  DISCCART 730871.38 4053081.50 67.74 67.74
  DISCCART 730871.38 4053106.50 67.68 67.68
  DISCCART 730871.38 4053131.50 67.64 67.64
  DISCCART 730871.38 4053156.50 67.54 67.54
  DISCCART 730871.38 4053181.50 67.53 67.53
  DISCCART 730871.38 4053206.50 67.44 67.44
  DISCCART 730871.38 4053231.50 67.40 67.40
  DISCCART 730871.38 4053256.50 67.34 67.34
  DISCCART 730871.38 4053281.50 67.26 67.26
  DISCCART 730871.38 4053306.50 67.22 67.22
  DISCCART 730871.38 4053331.50 67.14 67.14
  DISCCART 730871.38 4053356.50 67.07 67.07
  DISCCART 730871.38 4053381.50 67.04 67.04
  DISCCART 730871.38 4053406.50 66.94 66.94
  DISCCART 730871.38 4053431.50 66.94 66.94
  DISCCART 730871.38 4053456.50 66.84 66.84
  DISCCART 730871.38 4053481.50 66.80 66.80
  DISCCART 730871.38 4053506.50 66.74 66.74
  DISCCART 730871.38 4053531.50 66.66 66.66
  DISCCART 730871.38 4053556.50 66.64 66.64
  DISCCART 730871.38 4053581.50 66.56 66.56
  DISCCART 730871.38 4053606.50 66.53 66.53
  DISCCART 730871.38 4053631.50 66.44 66.44
  DISCCART 730871.38 4053656.50 66.43 66.43
  DISCCART 730871.38 4053681.50 66.34 66.34
  DISCCART 730871.38 4053706.50 66.34 66.34
  DISCCART 730871.38 4053731.50 66.25 66.25
  DISCCART 730871.38 4053756.50 66.24 66.24
  DISCCART 730871.38 4053781.50 66.24 66.24
  DISCCART 730871.38 4053806.50 66.14 66.14
  DISCCART 730871.38 4053831.50 66.14 66.14
  DISCCART 730871.38 4053856.50 66.04 66.04
  DISCCART 730871.38 4053881.50 66.04 66.04
  DISCCART 730871.38 4053906.50 66.04 66.04
  DISCCART 730871.38 4053931.50 65.98 65.98
  DISCCART 730871.38 4053956.50 65.94 65.94
  DISCCART 730871.38 4053981.50 65.94 65.94
  DISCCART 730871.38 4054006.50 65.85 65.85

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DISCCART	730871.38	4054031.50	65.84	65.84
DISCCART	730871.38	4054056.50	65.80	65.80
DISCCART	730871.38	4054081.50	65.76	65.76
DISCCART	730871.38	4054106.50	65.74	65.74
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DISCCART	730871.38	4054206.50	65.58	65.58
DISCCART	730871.38	4054231.50	65.55	65.55
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DISCCART	730871.38	4055206.50	64.94	64.94
DISCCART	730871.38	4055231.50	64.94	64.94
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DISCCART	730896.38	4052456.50	69.44	69.44
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DISCCART	730896.38	4052581.50	69.24	69.24
DISCCART	730896.38	4052606.50	69.15	69.15
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DISCCART	730896.38	4052681.50	68.93	68.93
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DISCCART	730896.38	4052731.50	68.74	68.74
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DISCCART	730896.38	4052806.50	68.51	68.51
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DISCCART	730896.38	4052856.50	68.34	68.34
DISCCART	730896.38	4052881.50	68.27	68.27
DISCCART	730896.38	4052906.50	68.20	68.20
DISCCART	730896.38	4052931.50	68.13	68.13
DISCCART	730896.38	4052956.50	68.04	68.04
DISCCART	730896.38	4052981.50	67.97	67.97
DISCCART	730896.38	4053006.50	67.94	67.94
DISCCART	730896.38	4053031.50	67.84	67.84
DISCCART	730896.38	4053056.50	67.75	67.75
DISCCART	730896.38	4053081.50	67.73	67.73
DISCCART	730896.38	4053106.50	67.64	67.64
DISCCART	730896.38	4053131.50	67.58	67.58
DISCCART	730896.38	4053156.50	67.54	67.54
DISCCART	730896.38	4053181.50	67.45	67.45
DISCCART	730896.38	4053206.50	67.40	67.40
DISCCART	730896.38	4053231.50	67.34	67.34
DISCCART	730896.38	4053256.50	67.26	67.26
DISCCART	730896.38	4053281.50	67.24	67.24
DISCCART	730896.38	4053306.50	67.15	67.15
DISCCART	730896.38	4053331.50	67.13	67.13
DISCCART	730896.38	4053356.50	67.04	67.04
DISCCART	730896.38	4053381.50	66.96	66.96
DISCCART	730896.38	4053406.50	66.94	66.94
DISCCART	730896.38	4053431.50	66.84	66.84
DISCCART	730896.38	4053456.50	66.80	66.80
DISCCART	730896.38	4053481.50	66.74	66.74
DISCCART	730896.38	4053506.50	66.65	66.65
DISCCART	730896.38	4053531.50	66.63	66.63
DISCCART	730896.38	4053556.50	66.55	66.55
DISCCART	730896.38	4053581.50	66.52	66.52
DISCCART	730896.38	4053606.50	66.44	66.44
DISCCART	730896.38	4053631.50	66.38	66.38
DISCCART	730896.38	4053656.50	66.34	66.34
DISCCART	730896.38	4053681.50	66.33	66.33
DISCCART	730896.38	4053706.50	66.25	66.25
DISCCART	730896.38	4053731.50	66.24	66.24
DISCCART	730896.38	4053756.50	66.20	66.20
DISCCART	730896.38	4053781.50	66.14	66.14
DISCCART	730896.38	4053806.50	66.14	66.14
DISCCART	730896.38	4053831.50	66.04	66.04
DISCCART	730896.38	4053856.50	66.04	66.04
DISCCART	730896.38	4053881.50	66.02	66.02
DISCCART	730896.38	4053906.50	65.95	65.95
DISCCART	730896.38	4053931.50	65.94	65.94
DISCCART	730896.38	4053956.50	65.91	65.91
DISCCART	730896.38	4053981.50	65.84	65.84
DISCCART	730896.38	4054006.50	65.81	65.81
DISCCART	730896.38	4054031.50	65.74	65.74
DISCCART	730896.38	4054056.50	65.74	65.74
DISCCART	730896.38	4054081.50	65.74	65.74

DISCCART	730896.38	4054106.50	65.70	65.70
DISCCART	730896.38	4054131.50	65.64	65.64
DISCCART	730896.38	4054156.50	65.64	65.64
DISCCART	730896.38	4054181.50	65.54	65.54
DISCCART	730896.38	4054206.50	65.54	65.54
DISCCART	730896.38	4054231.50	65.54	65.54
DISCCART	730896.38	4054256.50	65.52	65.52
DISCCART	730896.38	4054281.50	65.45	65.45
DISCCART	730896.38	4054306.50	65.44	65.44
DISCCART	730896.38	4054331.50	65.44	65.44
DISCCART	730896.38	4054356.50	65.44	65.44
DISCCART	730896.38	4054381.50	65.41	65.41
DISCCART	730896.38	4054406.50	65.36	65.36
DISCCART	730896.38	4054431.50	65.35	65.35
DISCCART	730896.38	4054456.50	65.34	65.34
DISCCART	730896.38	4054481.50	65.34	65.34
DISCCART	730896.38	4054506.50	65.34	65.34
DISCCART	730896.38	4054531.50	65.34	65.34
DISCCART	730896.38	4054556.50	65.34	65.34
DISCCART	730896.38	4054581.50	65.34	65.34
DISCCART	730896.38	4054606.50	65.24	65.24
DISCCART	730896.38	4054631.50	65.24	65.24
DISCCART	730896.38	4054656.50	65.24	65.24
DISCCART	730896.38	4054681.50	65.14	65.14
DISCCART	730896.38	4054706.50	65.14	65.14
DISCCART	730896.38	4054731.50	65.04	65.04
DISCCART	730896.38	4054756.50	65.00	65.00
DISCCART	730896.38	4054781.50	64.94	64.94
DISCCART	730896.38	4054806.50	64.90	64.90
DISCCART	730896.38	4054831.50	64.84	64.84
DISCCART	730896.38	4054856.50	64.77	64.77
DISCCART	730896.38	4054881.50	64.74	64.74
DISCCART	730896.38	4054906.50	64.74	64.74
DISCCART	730896.38	4054931.50	64.74	64.74
DISCCART	730896.38	4054956.50	64.74	64.74
DISCCART	730896.38	4054981.50	64.75	64.75
DISCCART	730896.38	4055006.50	64.76	64.76
DISCCART	730896.38	4055031.50	64.79	64.79
DISCCART	730896.38	4055056.50	64.82	64.82
DISCCART	730896.38	4055081.50	64.84	64.84
DISCCART	730896.38	4055106.50	64.84	64.84
DISCCART	730896.38	4055131.50	64.84	64.84
DISCCART	730896.38	4055156.50	64.84	64.84
DISCCART	730896.38	4055181.50	64.84	64.84
DISCCART	730896.38	4055206.50	64.85	64.85
DISCCART	730896.38	4055231.50	64.85	64.85
DISCCART	730896.38	4055256.50	64.92	64.92
DISCCART	730896.38	4055281.50	64.92	64.92
DISCCART	730896.38	4055306.50	64.94	64.94
DISCCART	730896.38	4055331.50	64.95	64.95
DISCCART	730921.38	4052331.50	69.74	69.74
DISCCART	730921.38	4052356.50	69.62	69.62
DISCCART	730921.38	4052381.50	69.48	69.48
DISCCART	730921.38	4052406.50	69.44	69.44
DISCCART	730921.38	4052431.50	69.44	69.44
DISCCART	730921.38	4052456.50	69.44	69.44
DISCCART	730921.38	4052481.50	69.44	69.44
DISCCART	730921.38	4052506.50	69.44	69.44
DISCCART	730921.38	4052531.50	69.36	69.36
DISCCART	730921.38	4052556.50	69.28	69.28
DISCCART	730921.38	4052581.50	69.20	69.20
DISCCART	730921.38	4052606.50	69.12	69.12
DISCCART	730921.38	4052631.50	69.04	69.04
DISCCART	730921.38	4052656.50	68.95	68.95
DISCCART	730921.38	4052681.50	68.85	68.85
DISCCART	730921.38	4052706.50	68.77	68.77
DISCCART	730921.38	4052731.50	68.70	68.70
DISCCART	730921.38	4052756.50	68.63	68.63
DISCCART	730921.38	4052781.50	68.54	68.54
DISCCART	730921.38	4052806.50	68.44	68.44
DISCCART	730921.38	4052831.50	68.36	68.36
DISCCART	730921.38	4052856.50	68.31	68.31
DISCCART	730921.38	4052881.50	68.24	68.24
DISCCART	730921.38	4052906.50	68.15	68.15
DISCCART	730921.38	4052931.50	68.06	68.06
DISCCART	730921.38	4052956.50	68.02	68.02
DISCCART	730921.38	4052981.50	67.94	67.94
DISCCART	730921.38	4053006.50	67.84	67.84
DISCCART	730921.38	4053031.50	67.80	67.80
DISCCART	730921.38	4053056.50	67.74	67.74
DISCCART	730921.38	4053081.50	67.64	67.64
DISCCART	730921.38	4053106.50	67.58	67.58
DISCCART	730921.38	4053131.50	67.54	67.54
DISCCART	730921.38	4053156.50	67.44	67.44
DISCCART	730921.38	4053181.50	67.43	67.43
DISCCART	730921.38	4053206.50	67.34	67.34
DISCCART	730921.38	4053231.50	67.30	67.30
DISCCART	730921.38	4053256.50	67.24	67.24
DISCCART	730921.38	4053281.50	67.15	67.15
DISCCART	730921.38	4053306.50	67.12	67.12
DISCCART	730921.38	4053331.50	67.04	67.04
DISCCART	730921.38	4053356.50	66.97	66.97
DISCCART	730921.38	4053381.50	66.94	66.94
DISCCART	730921.38	4053406.50	66.84	66.84
DISCCART	730921.38	4053431.50	66.80	66.80
DISCCART	730921.38	4053456.50	66.74	66.74
DISCCART	730921.38	4053481.50	66.66	66.66
DISCCART	730921.38	4053506.50	66.63	66.63
DISCCART	730921.38	4053531.50	66.54	66.54
DISCCART	730921.38	4053556.50	66.53	66.53
DISCCART	730921.38	4053581.50	66.44	66.44
DISCCART	730921.38	4053606.50	66.37	66.37
DISCCART	730921.38	4053631.50	66.34	66.34
DISCCART	730921.38	4053656.50	66.32	66.32
DISCCART	730921.38	4053681.50	66.24	66.24
DISCCART	730921.38	4053706.50	66.24	66.24
DISCCART	730921.38	4053731.50	66.15	66.15
DISCCART	730921.38	4053756.50	66.14	66.14
DISCCART	730921.38	4053781.50	66.14	66.14
DISCCART	730921.38	4053806.50	66.04	66.04
DISCCART	730921.38	4053831.50	66.04	66.04
DISCCART	730921.38	4053856.50	65.97	65.97
DISCCART	730921.38	4053881.50	65.94	65.94
DISCCART	730921.38	4053906.50	65.94	65.94
DISCCART	730921.38	4053931.50	65.90	65.90
DISCCART	730921.38	4053956.50	65.84	65.84
DISCCART	730921.38	4053981.50	65.84	65.84
DISCCART	730921.38	4054006.50	65.75	65.75
DISCCART	730921.38	4054031.50	65.72	65.72
DISCCART	730921.38	4054056.50	65.70	65.70
DISCCART	730921.38	4054081.50	65.64	65.64
DISCCART	730921.38	4054106.50	65.64	65.64
DISCCART	730921.38	4054131.50	65.60	65.60
DISCCART	730921.38	4054156.50	65.54	65.54

DISCCART	730921.38	4054181.50	65.48	65.48
DISCCART	730921.38	4054206.50	65.47	65.47
DISCCART	730921.38	4054231.50	65.44	65.44
DISCCART	730921.38	4054256.50	65.44	65.44
DISCCART	730921.38	4054281.50	65.44	65.44
DISCCART	730921.38	4054306.50	65.43	65.43
DISCCART	730921.38	4054331.50	65.36	65.36
DISCCART	730921.38	4054356.50	65.34	65.34
DISCCART	730921.38	4054381.50	65.34	65.34
DISCCART	730921.38	4054406.50	65.34	65.34
DISCCART	730921.38	4054431.50	65.34	65.34
DISCCART	730921.38	4054456.50	65.34	65.34
DISCCART	730921.38	4054481.50	65.34	65.34
DISCCART	730921.38	4054506.50	65.34	65.34
DISCCART	730921.38	4054531.50	65.34	65.34
DISCCART	730921.38	4054556.50	65.28	65.28
DISCCART	730921.38	4054581.50	65.26	65.26
DISCCART	730921.38	4054606.50	65.24	65.24
DISCCART	730921.38	4054631.50	65.24	65.24
DISCCART	730921.38	4054656.50	65.23	65.23
DISCCART	730921.38	4054681.50	65.14	65.14
DISCCART	730921.38	4054706.50	65.14	65.14
DISCCART	730921.38	4054731.50	65.04	65.04
DISCCART	730921.38	4054756.50	65.00	65.00
DISCCART	730921.38	4054781.50	64.94	64.94
DISCCART	730921.38	4054806.50	64.90	64.90
DISCCART	730921.38	4054831.50	64.84	64.84
DISCCART	730921.38	4054856.50	64.75	64.75
DISCCART	730921.38	4054881.50	64.74	64.74
DISCCART	730921.38	4054906.50	64.74	64.74
DISCCART	730921.38	4054931.50	64.74	64.74
DISCCART	730921.38	4054956.50	64.74	64.74
DISCCART	730921.38	4054981.50	64.74	64.74
DISCCART	730921.38	4055006.50	64.74	64.74
DISCCART	730921.38	4055031.50	64.74	64.74
DISCCART	730921.38	4055056.50	64.74	64.74
DISCCART	730921.38	4055081.50	64.74	64.74
DISCCART	730921.38	4055106.50	64.74	64.74
DISCCART	730921.38	4055131.50	64.78	64.78
DISCCART	730921.38	4055156.50	64.78	64.78
DISCCART	730921.38	4055181.50	64.83	64.83
DISCCART	730921.38	4055206.50	64.84	64.84
DISCCART	730921.38	4055231.50	64.84	64.84
DISCCART	730921.38	4055256.50	64.84	64.84
DISCCART	730921.38	4055281.50	64.84	64.84
DISCCART	730921.38	4055306.50	64.84	64.84
DISCCART	730921.38	4055331.50	64.89	64.89
DISCCART	730946.38	4052331.50	69.74	69.74
DISCCART	730946.38	4052356.50	69.62	69.62
DISCCART	730946.38	4052381.50	69.48	69.48
DISCCART	730946.38	4052406.50	69.44	69.44
DISCCART	730946.38	4052431.50	69.44	69.44
DISCCART	730946.38	4052456.50	69.44	69.44
DISCCART	730946.38	4052481.50	69.44	69.44
DISCCART	730946.38	4052506.50	69.41	69.41
DISCCART	730946.38	4052531.50	69.34	69.34
DISCCART	730946.38	4052556.50	69.25	69.25
DISCCART	730946.38	4052581.50	69.15	69.15
DISCCART	730946.38	4052606.50	69.06	69.06
DISCCART	730946.38	4052631.50	68.97	68.97
DISCCART	730946.38	4052656.50	68.92	68.92
DISCCART	730946.38	4052681.50	68.83	68.83
DISCCART	730946.38	4052706.50	68.74	68.74
DISCCART	730946.38	4052731.50	68.64	68.64
DISCCART	730946.38	4052756.50	68.54	68.54
DISCCART	730946.38	4052781.50	68.48	68.48
DISCCART	730946.38	4052806.50	68.42	68.42
DISCCART	730946.38	4052831.50	68.33	68.33
DISCCART	730946.38	4052856.50	68.24	68.24
DISCCART	730946.38	4052881.50	68.17	68.17
DISCCART	730946.38	4052906.50	68.10	68.10
DISCCART	730946.38	4052931.50	68.04	68.04
DISCCART	730946.38	4052956.50	67.95	67.95
DISCCART	730946.38	4052981.50	67.87	67.87
DISCCART	730946.38	4053006.50	67.84	67.84
DISCCART	730946.38	4053031.50	67.74	67.74
DISCCART	730946.38	4053056.50	67.65	67.65
DISCCART	730946.38	4053081.50	67.63	67.63
DISCCART	730946.38	4053106.50	67.54	67.54
DISCCART	730946.38	4053131.50	67.48	67.48
DISCCART	730946.38	4053156.50	67.44	67.44
DISCCART	730946.38	4053181.50	67.35	67.35
DISCCART	730946.38	4053206.50	67.30	67.30
DISCCART	730946.38	4053231.50	67.24	67.24
DISCCART	730946.38	4053256.50	67.16	67.16
DISCCART	730946.38	4053281.50	67.13	67.13
DISCCART	730946.38	4053306.50	67.04	67.04
DISCCART	730946.38	4053331.50	66.96	66.96
DISCCART	730946.38	4053356.50	66.94	66.94
DISCCART	730946.38	4053381.50	66.84	66.84
DISCCART	730946.38	4053406.50	66.80	66.80
DISCCART	730946.38	4053431.50	66.74	66.74
DISCCART	730946.38	4053456.50	66.65	66.65
DISCCART	730946.38	4053481.50	66.62	66.62
DISCCART	730946.38	4053506.50	66.54	66.54
DISCCART	730946.38	4053531.50	66.52	66.52
DISCCART	730946.38	4053556.50	66.44	66.44
DISCCART	730946.38	4053581.50	66.38	66.38
DISCCART	730946.38	4053606.50	66.34	66.34
DISCCART	730946.38	4053631.50	66.33	66.33
DISCCART	730946.38	4053656.50	66.24	66.24
DISCCART	730946.38	4053681.50	66.24	66.24
DISCCART	730946.38	4053706.50	66.15	66.15
DISCCART	730946.38	4053731.50	66.14	66.14
DISCCART	730946.38	4053756.50	66.10	66.10
DISCCART	730946.38	4053781.50	66.04	66.04
DISCCART	730946.38	4053806.50	66.04	66.04
DISCCART	730946.38	4053831.50	65.98	65.98
DISCCART	730946.38	4053856.50	65.94	65.94
DISCCART	730946.38	4053881.50	65.88	65.88
DISCCART	730946.38	4053906.50	65.85	65.85
DISCCART	730946.38	4053931.50	65.84	65.84
DISCCART	730946.38	4053956.50	65.83	65.83
DISCCART	730946.38	4053981.50	65.74	65.74
DISCCART	730946.38	4054006.50	65.70	65.70
DISCCART	730946.38	4054031.50	65.64	65.64
DISCCART	730946.38	4054056.50	65.64	65.64
DISCCART	730946.38	4054081.50	65.62	65.62
DISCCART	730946.38	4054106.50	65.56	65.56
DISCCART	730946.38	4054131.50	65.54	65.54
DISCCART	730946.38	4054156.50	65.44	65.44
DISCCART	730946.38	4054181.50	65.44	65.44
DISCCART	730946.38	4054206.50	65.44	65.44
DISCCART	730946.38	4054231.50	65.42	65.42

DISCCART	730946.38	4054256.50	65.35	65.35
DISCCART	730946.38	4054281.50	65.34	65.34
DISCCART	730946.38	4054306.50	65.34	65.34
DISCCART	730946.38	4054331.50	65.34	65.34
DISCCART	730946.38	4054356.50	65.34	65.34
DISCCART	730946.38	4054381.50	65.32	65.32
DISCCART	730946.38	4054406.50	65.30	65.30
DISCCART	730946.38	4054431.50	65.26	65.26
DISCCART	730946.38	4054456.50	65.25	65.25
DISCCART	730946.38	4054481.50	65.24	65.24
DISCCART	730946.38	4054506.50	65.24	65.24
DISCCART	730946.38	4054531.50	65.24	65.24
DISCCART	730946.38	4054556.50	65.24	65.24
DISCCART	730946.38	4054581.50	65.24	65.24
DISCCART	730946.38	4054606.50	65.24	65.24
DISCCART	730946.38	4054631.50	65.24	65.24
DISCCART	730946.38	4054656.50	65.20	65.20
DISCCART	730946.38	4054681.50	65.14	65.14
DISCCART	730946.38	4054706.50	65.14	65.14
DISCCART	730946.38	4054731.50	65.04	65.04
DISCCART	730946.38	4054756.50	65.00	65.00
DISCCART	730946.38	4054781.50	64.94	64.94
DISCCART	730946.38	4054806.50	64.91	64.91
DISCCART	730946.38	4054831.50	64.84	64.84
DISCCART	730946.38	4054856.50	64.75	64.75
DISCCART	730946.38	4054881.50	64.67	64.67
DISCCART	730946.38	4054906.50	64.64	64.64
DISCCART	730946.38	4054931.50	64.64	64.64
DISCCART	730946.38	4054956.50	64.64	64.64
DISCCART	730946.38	4054981.50	64.66	64.66
DISCCART	730946.38	4055006.50	64.67	64.67
DISCCART	730946.38	4055031.50	64.72	64.72
DISCCART	730946.38	4055056.50	64.74	64.74
DISCCART	730946.38	4055081.50	64.74	64.74
DISCCART	730946.38	4055106.50	64.74	64.74
DISCCART	730946.38	4055131.50	64.74	64.74
DISCCART	730946.38	4055156.50	64.74	64.74
DISCCART	730946.38	4055181.50	64.74	64.74
DISCCART	730946.38	4055206.50	64.74	64.74
DISCCART	730946.38	4055231.50	64.75	64.75
DISCCART	730946.38	4055256.50	64.75	64.75
DISCCART	730946.38	4055281.50	64.82	64.82
DISCCART	730946.38	4055306.50	64.82	64.82
DISCCART	730946.38	4055331.50	64.84	64.84
DISCCART	730971.38	4052311.50	69.74	69.74
DISCCART	730971.38	4052336.50	69.62	69.62
DISCCART	730971.38	4052361.50	69.48	69.48
DISCCART	730971.38	4052386.50	69.44	69.44
DISCCART	730971.38	4052411.50	69.44	69.44
DISCCART	730971.38	4052436.50	69.44	69.44
DISCCART	730971.38	4052461.50	69.44	69.44
DISCCART	730971.38	4052486.50	69.44	69.44
DISCCART	730971.38	4052511.50	69.36	69.36
DISCCART	730971.38	4052536.50	69.27	69.27
DISCCART	730971.38	4052561.50	69.20	69.20
DISCCART	730971.38	4052586.50	69.14	69.14
DISCCART	730971.38	4052611.50	69.04	69.04
DISCCART	730971.38	4052636.50	68.94	68.94
DISCCART	730971.38	4052661.50	68.84	68.84
DISCCART	730971.38	4052686.50	68.75	68.75
DISCCART	730971.38	4052711.50	68.67	68.67
DISCCART	730971.38	4052736.50	68.60	68.60
DISCCART	730971.38	4052761.50	68.53	68.53
DISCCART	730971.38	4052786.50	68.44	68.44
DISCCART	730971.38	4052811.50	68.35	68.35
DISCCART	730971.38	4052836.50	68.28	68.28
DISCCART	730971.38	4052861.50	68.20	68.20
DISCCART	730971.38	4052886.50	68.14	68.14
DISCCART	730971.38	4052911.50	68.05	68.05
DISCCART	730971.38	4052936.50	67.97	67.97
DISCCART	730971.38	4052961.50	67.92	67.92
DISCCART	730971.38	4052986.50	67.84	67.84
DISCCART	730971.38	4053011.50	67.74	67.74
DISCCART	730971.38	4053036.50	67.70	67.70
DISCCART	730971.38	4053061.50	67.64	67.64
DISCCART	730971.38	4053086.50	67.56	67.56
DISCCART	730971.38	4053111.50	67.52	67.52
DISCCART	730971.38	4053136.50	67.44	67.44
DISCCART	730971.38	4053161.50	67.34	67.34
DISCCART	730971.38	4053186.50	67.30	67.30
DISCCART	730971.38	4053211.50	67.24	67.24
DISCCART	730971.38	4053236.50	67.16	67.16
DISCCART	730971.38	4053261.50	67.12	67.12
DISCCART	730971.38	4053286.50	67.05	67.05
DISCCART	730971.38	4053311.50	66.97	66.97
DISCCART	730971.38	4053336.50	66.94	66.94
DISCCART	730971.38	4053361.50	66.84	66.84
DISCCART	730971.38	4053386.50	66.84	66.84
DISCCART	730971.38	4053411.50	66.74	66.74
DISCCART	730971.38	4053436.50	66.70	66.70
DISCCART	730971.38	4053461.50	66.64	66.64
DISCCART	730971.38	4053486.50	66.56	66.56
DISCCART	730971.38	4053511.50	66.53	66.53
DISCCART	730971.38	4053536.50	66.44	66.44
DISCCART	730971.38	4053561.50	66.37	66.37
DISCCART	730971.38	4053586.50	66.34	66.34
DISCCART	730971.38	4053611.50	66.32	66.32
DISCCART	730971.38	4053636.50	66.24	66.24
DISCCART	730971.38	4053661.50	66.24	66.24
DISCCART	730971.38	4053686.50	66.15	66.15
DISCCART	730971.38	4053711.50	66.14	66.14
DISCCART	730971.38	4053736.50	66.10	66.10
DISCCART	730971.38	4053761.50	66.04	66.04
DISCCART	730971.38	4053786.50	66.00	66.00
DISCCART	730971.38	4053811.50	65.98	65.98
DISCCART	730971.38	4053836.50	65.94	65.94
DISCCART	730971.38	4053861.50	65.87	65.87
DISCCART	730971.38	4053886.50	65.84	65.84
DISCCART	730971.38	4053911.50	65.81	65.81
DISCCART	730971.38	4053936.50	65.80	65.80
DISCCART	730971.38	4053961.50	65.74	65.74
DISCCART	730971.38	4053986.50	65.74	65.74
DISCCART	730971.38	4054011.50	65.63	65.63
DISCCART	730971.38	4054036.50	65.58	65.58
DISCCART	730971.38	4054061.50	65.55	65.55
DISCCART	730971.38	4054086.50	65.54	65.54
DISCCART	730971.38	4054111.50	65.52	65.52
DISCCART	730971.38	4054136.50	65.48	65.48
DISCCART	730971.38	4054161.50	65.44	65.44
DISCCART	730971.38	4054186.50	65.44	65.44
DISCCART	730971.38	4054211.50	65.34	65.34
DISCCART	730971.38	4054236.50	65.34	65.34
DISCCART	730971.38	4054261.50	65.34	65.34
DISCCART	730971.38	4054286.50	65.34	65.34
DISCCART	730971.38	4054311.50	65.32	65.32

DISCCART	730971.38	4054331.50	65.29	65.29
DISCCART	730971.38	4054356.50	65.25	65.25
DISCCART	730971.38	4054381.50	65.24	65.24
DISCCART	730971.38	4054406.50	65.24	65.24
DISCCART	730971.38	4054431.50	65.24	65.24
DISCCART	730971.38	4054456.50	65.24	65.24
DISCCART	730971.38	4054481.50	65.24	65.24
DISCCART	730971.38	4054506.50	65.24	65.24
DISCCART	730971.38	4054531.50	65.24	65.24
DISCCART	730971.38	4054556.50	65.24	65.24
DISCCART	730971.38	4054581.50	65.21	65.21
DISCCART	730971.38	4054606.50	65.19	65.19
DISCCART	730971.38	4054631.50	65.16	65.16
DISCCART	730971.38	4054656.50	65.14	65.14
DISCCART	730971.38	4054681.50	65.14	65.14
DISCCART	730971.38	4054706.50	65.14	65.14
DISCCART	730971.38	4054731.50	65.04	65.04
DISCCART	730971.38	4054756.50	65.00	65.00
DISCCART	730971.38	4054781.50	64.94	64.94
DISCCART	730971.38	4054806.50	64.91	64.91
DISCCART	730971.38	4054831.50	64.84	64.84
DISCCART	730971.38	4054856.50	64.74	64.74
DISCCART	730971.38	4054881.50	64.68	64.68
DISCCART	730971.38	4054906.50	64.64	64.64
DISCCART	730971.38	4054931.50	64.64	64.64
DISCCART	730971.38	4054956.50	64.64	64.64
DISCCART	730971.38	4054981.50	64.64	64.64
DISCCART	730971.38	4055006.50	64.64	64.64
DISCCART	730971.38	4055031.50	64.64	64.64
DISCCART	730971.38	4055056.50	64.64	64.64
DISCCART	730971.38	4055081.50	64.64	64.64
DISCCART	730971.38	4055106.50	64.68	64.68
DISCCART	730971.38	4055131.50	64.68	64.68
DISCCART	730971.38	4055156.50	64.68	64.68
DISCCART	730971.38	4055181.50	64.74	64.74
DISCCART	730971.38	4055206.50	64.74	64.74
DISCCART	730971.38	4055231.50	64.74	64.74
DISCCART	730971.38	4055256.50	64.74	64.74
DISCCART	730971.38	4055281.50	64.74	64.74
DISCCART	730971.38	4055306.50	64.74	64.74
DISCCART	730971.38	4055331.50	64.77	64.77
DISCCART	730996.38	4052331.50	69.74	69.74
DISCCART	730996.38	4052356.50	69.62	69.62
DISCCART	730996.38	4052381.50	69.48	69.48
DISCCART	730996.38	4052406.50	69.44	69.44
DISCCART	730996.38	4052431.50	69.44	69.44
DISCCART	730996.38	4052456.50	69.44	69.44
DISCCART	730996.38	4052481.50	69.42	69.42
DISCCART	730996.38	4052506.50	69.34	69.34
DISCCART	730996.38	4052531.50	69.24	69.24
DISCCART	730996.38	4052556.50	69.15	69.15
DISCCART	730996.38	4052581.50	69.06	69.06
DISCCART	730996.38	4052606.50	69.00	69.00
DISCCART	730996.38	4052631.50	68.88	68.88
DISCCART	730996.38	4052656.50	68.83	68.83
DISCCART	730996.38	4052681.50	68.73	68.73
DISCCART	730996.38	4052706.50	68.64	68.64
DISCCART	730996.38	4052731.50	68.54	68.54
DISCCART	730996.38	4052756.50	68.45	68.45
DISCCART	730996.38	4052781.50	68.39	68.39
DISCCART	730996.38	4052806.50	68.31	68.31
DISCCART	730996.38	4052831.50	68.24	68.24
DISCCART	730996.38	4052856.50	68.15	68.15
DISCCART	730996.38	4052881.50	68.06	68.06
DISCCART	730996.38	4052906.50	68.00	68.00
DISCCART	730996.38	4052931.50	67.94	67.94
DISCCART	730996.38	4052956.50	67.85	67.85
DISCCART	730996.38	4052981.50	67.77	67.77
DISCCART	730996.38	4053006.50	67.74	67.74
DISCCART	730996.38	4053031.50	67.64	67.64
DISCCART	730996.38	4053056.50	67.55	67.55
DISCCART	730996.38	4053081.50	67.53	67.53
DISCCART	730996.38	4053106.50	67.44	67.44
DISCCART	730996.38	4053131.50	67.38	67.38
DISCCART	730996.38	4053156.50	67.34	67.34
DISCCART	730996.38	4053181.50	67.25	67.25
DISCCART	730996.38	4053206.50	67.20	67.20
DISCCART	730996.38	4053231.50	67.14	67.14
DISCCART	730996.38	4053256.50	67.06	67.06
DISCCART	730996.38	4053281.50	67.03	67.03
DISCCART	730996.38	4053306.50	66.94	66.94
DISCCART	730996.38	4053331.50	66.86	66.86
DISCCART	730996.38	4053356.50	66.84	66.84
DISCCART	730996.38	4053381.50	66.74	66.74
DISCCART	730996.38	4053406.50	66.71	66.71
DISCCART	730996.38	4053431.50	66.64	66.64
DISCCART	730996.38	4053456.50	66.55	66.55
DISCCART	730996.38	4053481.50	66.52	66.52
DISCCART	730996.38	4053506.50	66.44	66.44
DISCCART	730996.38	4053531.50	66.38	66.38
DISCCART	730996.38	4053556.50	66.34	66.34
DISCCART	730996.38	4053581.50	66.33	66.33
DISCCART	730996.38	4053606.50	66.24	66.24
DISCCART	730996.38	4053631.50	66.24	66.24
DISCCART	730996.38	4053656.50	66.15	66.15
DISCCART	730996.38	4053681.50	66.14	66.14
DISCCART	730996.38	4053706.50	66.12	66.12
DISCCART	730996.38	4053731.50	66.04	66.04
DISCCART	730996.38	4053756.50	66.04	66.04
DISCCART	730996.38	4053781.50	65.94	65.94
DISCCART	730996.38	4053806.50	65.94	65.94
DISCCART	730996.38	4053831.50	65.88	65.88
DISCCART	730996.38	4053856.50	65.84	65.84
DISCCART	730996.38	4053881.50	65.79	65.79
DISCCART	730996.38	4053906.50	65.74	65.74
DISCCART	730996.38	4053931.50	65.74	65.74
DISCCART	730996.38	4053956.50	65.70	65.70
DISCCART	730996.38	4053981.50	65.64	65.64
DISCCART	730996.38	4054006.50	65.59	65.59
DISCCART	730996.38	4054031.50	65.54	65.54
DISCCART	730996.38	4054056.50	65.52	65.52
DISCCART	730996.38	4054081.50	65.46	65.46
DISCCART	730996.38	4054106.50	65.44	65.44
DISCCART	730996.38	4054131.50	65.35	65.35
DISCCART	730996.38	4054156.50	65.34	65.34
DISCCART	730996.38	4054181.50	65.34	65.34
DISCCART	730996.38	4054206.50	65.34	65.34
DISCCART	730996.38	4054231.50	65.28	65.28
DISCCART	730996.38	4054256.50	65.25	65.25
DISCCART	730996.38	4054281.50	65.24	65.24
DISCCART	730996.38	4054306.50	65.24	65.24
DISCCART	730996.38	4054331.50	65.24	65.24
DISCCART	730996.38	4054356.50	65.24	65.24
DISCCART	730996.38	4054381.50	65.22	65.22

DISCCART	730996.38	4054406.50	65.22	65.22
DISCCART	730996.38	4054431.50	65.17	65.17
DISCCART	730996.38	4054456.50	65.16	65.16
DISCCART	730996.38	4054481.50	65.16	65.16
DISCCART	730996.38	4054506.50	65.15	65.15
DISCCART	730996.38	4054531.50	65.15	65.15
DISCCART	730996.38	4054556.50	65.14	65.14
DISCCART	730996.38	4054581.50	65.14	65.14
DISCCART	730996.38	4054606.50	65.14	65.14
DISCCART	730996.38	4054631.50	65.14	65.14
DISCCART	730996.38	4054656.50	65.14	65.14
DISCCART	730996.38	4054681.50	65.14	65.14
DISCCART	730996.38	4054706.50	65.11	65.11
DISCCART	730996.38	4054731.50	65.04	65.04
DISCCART	730996.38	4054756.50	65.04	65.04
DISCCART	730996.38	4054781.50	64.94	64.94
DISCCART	730996.38	4054806.50	64.91	64.91
DISCCART	730996.38	4054831.50	64.84	64.84
DISCCART	730996.38	4054856.50	64.82	64.82
DISCCART	730996.38	4054881.50	64.68	64.68
DISCCART	730996.38	4054906.50	64.64	64.64
DISCCART	730996.38	4054931.50	64.63	64.63
DISCCART	730996.38	4054956.50	64.56	64.56
DISCCART	730996.38	4054981.50	64.56	64.56
DISCCART	730996.38	4055006.50	64.62	64.62
DISCCART	730996.38	4055031.50	64.64	64.64
DISCCART	730996.38	4055056.50	64.64	64.64
DISCCART	730996.38	4055081.50	64.64	64.64
DISCCART	730996.38	4055106.50	64.64	64.64
DISCCART	730996.38	4055131.50	64.64	64.64
DISCCART	730996.38	4055156.50	64.64	64.64
DISCCART	730996.38	4055181.50	64.64	64.64
DISCCART	730996.38	4055206.50	64.64	64.64
DISCCART	730996.38	4055231.50	64.65	64.65
DISCCART	730996.38	4055256.50	64.72	64.72
DISCCART	730996.38	4055281.50	64.73	64.73
DISCCART	730996.38	4055306.50	64.74	64.74
DISCCART	730996.38	4055331.50	64.74	64.74
DISCCART	731021.38	4052331.50	69.73	69.73
DISCCART	731021.38	4052356.50	69.62	69.62
DISCCART	731021.38	4052381.50	69.49	69.49
DISCCART	731021.38	4052406.50	69.44	69.44
DISCCART	731021.38	4052431.50	69.44	69.44
DISCCART	731021.38	4052456.50	69.44	69.44
DISCCART	731021.38	4052481.50	69.37	69.37
DISCCART	731021.38	4052506.50	69.28	69.28
DISCCART	731021.38	4052531.50	69.20	69.20
DISCCART	731021.38	4052556.50	69.12	69.12
DISCCART	731021.38	4052581.50	69.04	69.04
DISCCART	731021.38	4052606.50	68.94	68.94
DISCCART	731021.38	4052631.50	68.84	68.84
DISCCART	731021.38	4052656.50	68.74	68.74
DISCCART	731021.38	4052681.50	68.66	68.66
DISCCART	731021.38	4052706.50	68.57	68.57
DISCCART	731021.38	4052731.50	68.50	68.50
DISCCART	731021.38	4052756.50	68.44	68.44
DISCCART	731021.38	4052781.50	68.34	68.34
DISCCART	731021.38	4052806.50	68.26	68.26
DISCCART	731021.38	4052831.50	68.17	68.17
DISCCART	731021.38	4052856.50	68.12	68.12
DISCCART	731021.38	4052881.50	68.04	68.04
DISCCART	731021.38	4052906.50	67.95	67.95
DISCCART	731021.38	4052931.50	67.85	67.85
DISCCART	731021.38	4052956.50	67.83	67.83
DISCCART	731021.38	4052981.50	67.74	67.74
DISCCART	731021.38	4053006.50	67.64	67.64
DISCCART	731021.38	4053031.50	67.60	67.60
DISCCART	731021.38	4053056.50	67.54	67.54
DISCCART	731021.38	4053081.50	67.44	67.44
DISCCART	731021.38	4053106.50	67.38	67.38
DISCCART	731021.38	4053131.50	67.34	67.34
DISCCART	731021.38	4053156.50	67.25	67.25
DISCCART	731021.38	4053181.50	67.20	67.20
DISCCART	731021.38	4053206.50	67.14	67.14
DISCCART	731021.38	4053231.50	67.05	67.05
DISCCART	731021.38	4053256.50	67.02	67.02
DISCCART	731021.38	4053281.50	66.94	66.94
DISCCART	731021.38	4053306.50	66.87	66.87
DISCCART	731021.38	4053331.50	66.84	66.84
DISCCART	731021.38	4053356.50	66.74	66.74
DISCCART	731021.38	4053381.50	66.70	66.70
DISCCART	731021.38	4053406.50	66.64	66.64
DISCCART	731021.38	4053431.50	66.56	66.56
DISCCART	731021.38	4053456.50	66.53	66.53
DISCCART	731021.38	4053481.50	66.44	66.44
DISCCART	731021.38	4053506.50	66.38	66.38
DISCCART	731021.38	4053531.50	66.34	66.34
DISCCART	731021.38	4053556.50	66.32	66.32
DISCCART	731021.38	4053581.50	66.24	66.24
DISCCART	731021.38	4053606.50	66.24	66.24
DISCCART	731021.38	4053631.50	66.15	66.15
DISCCART	731021.38	4053656.50	66.14	66.14
DISCCART	731021.38	4053681.50	66.14	66.14
DISCCART	731021.38	4053706.50	66.04	66.04
DISCCART	731021.38	4053731.50	66.04	66.04
DISCCART	731021.38	4053756.50	65.94	65.94
DISCCART	731021.38	4053781.50	65.94	65.94
DISCCART	731021.38	4053806.50	65.84	65.84
DISCCART	731021.38	4053831.50	65.83	65.83
DISCCART	731021.38	4053856.50	65.82	65.82
DISCCART	731021.38	4053881.50	65.74	65.74
DISCCART	731021.38	4053906.50	65.67	65.67
DISCCART	731021.38	4053931.50	65.67	65.67
DISCCART	731021.38	4053956.50	65.64	65.64
DISCCART	731021.38	4053981.50	65.60	65.60
DISCCART	731021.38	4054006.50	65.51	65.51
DISCCART	731021.38	4054031.50	65.44	65.44
DISCCART	731021.38	4054056.50	65.44	65.44
DISCCART	731021.38	4054081.50	65.44	65.44
DISCCART	731021.38	4054106.50	65.38	65.38
DISCCART	731021.38	4054131.50	65.34	65.34
DISCCART	731021.38	4054156.50	65.34	65.34
DISCCART	731021.38	4054181.50	65.31	65.31
DISCCART	731021.38	4054206.50	65.25	65.25
DISCCART	731021.38	4054231.50	65.24	65.24
DISCCART	731021.38	4054256.50	65.24	65.24
DISCCART	731021.38	4054281.50	65.21	65.21
DISCCART	731021.38	4054306.50	65.19	65.19
DISCCART	731021.38	4054331.50	65.14	65.14
DISCCART	731021.38	4054356.50	65.14	65.14
DISCCART	731021.38	4054381.50	65.14	65.14
DISCCART	731021.38	4054406.50	65.14	65.14
DISCCART	731021.38	4054431.50	65.14	65.14
DISCCART	731021.38	4054456.50	65.14	65.14

DISCCART	731021.38	4054481.50	65.14	65.14
DISCCART	731021.38	4054506.50	65.14	65.14
DISCCART	731021.38	4054531.50	65.14	65.14
DISCCART	731021.38	4054556.50	65.14	65.14
DISCCART	731021.38	4054581.50	65.14	65.14
DISCCART	731021.38	4054606.50	65.14	65.14
DISCCART	731021.38	4054631.50	65.13	65.13
DISCCART	731021.38	4054656.50	65.09	65.09
DISCCART	731021.38	4054681.50	65.05	65.05
DISCCART	731021.38	4054706.50	65.04	65.04
DISCCART	731021.38	4054731.50	65.04	65.04
DISCCART	731021.38	4054756.50	65.04	65.04
DISCCART	731021.38	4054781.50	64.94	64.94
DISCCART	731021.38	4054806.50	64.92	64.92
DISCCART	731021.38	4054831.50	64.84	64.84
DISCCART	731021.38	4054856.50	64.82	64.82
DISCCART	731021.38	4054881.50	64.74	64.74
DISCCART	731021.38	4054906.50	64.64	64.64
DISCCART	731021.38	4054931.50	64.54	64.54
DISCCART	731021.38	4054956.50	64.54	64.54
DISCCART	731021.38	4054981.50	64.54	64.54
DISCCART	731021.38	4055006.50	64.54	64.54
DISCCART	731021.38	4055031.50	64.54	64.54
DISCCART	731021.38	4055056.50	64.54	64.54
DISCCART	731021.38	4055081.50	64.57	64.57
DISCCART	731021.38	4055106.50	64.55	64.55
DISCCART	731021.38	4055131.50	64.58	64.58
DISCCART	731021.38	4055156.50	64.65	64.65
DISCCART	731021.38	4055181.50	64.64	64.64
DISCCART	731021.38	4055206.50	64.64	64.64
DISCCART	731021.38	4055231.50	64.64	64.64
DISCCART	731021.38	4055256.50	64.64	64.64
DISCCART	731021.38	4055281.50	64.64	64.64
DISCCART	731021.38	4055306.50	64.65	64.65
DISCCART	731021.38	4055331.50	64.69	64.69
DISCCART	731046.38	4052331.50	69.73	69.73
DISCCART	731046.38	4052356.50	69.61	69.61
DISCCART	731046.38	4052381.50	69.48	69.48
DISCCART	731046.38	4052406.50	69.44	69.44
DISCCART	731046.38	4052431.50	69.44	69.44
DISCCART	731046.38	4052456.50	69.44	69.44
DISCCART	731046.38	4052481.50	69.34	69.34
DISCCART	731046.38	4052506.50	69.24	69.24
DISCCART	731046.38	4052531.50	69.15	69.15
DISCCART	731046.38	4052556.50	69.06	69.06
DISCCART	731046.38	4052581.50	68.96	68.96
DISCCART	731046.38	4052606.50	68.90	68.90
DISCCART	731046.38	4052631.50	68.82	68.82
DISCCART	731046.38	4052656.50	68.73	68.73
DISCCART	731046.38	4052681.50	68.63	68.63
DISCCART	731046.38	4052706.50	68.54	68.54
DISCCART	731046.38	4052731.50	68.44	68.44
DISCCART	731046.38	4052756.50	68.36	68.36
DISCCART	731046.38	4052781.50	68.32	68.32
DISCCART	731046.38	4052806.50	68.24	68.24
DISCCART	731046.38	4052831.50	68.14	68.14
DISCCART	731046.38	4052856.50	68.05	68.05
DISCCART	731046.38	4052881.50	67.97	67.97
DISCCART	731046.38	4052906.50	67.91	67.91
DISCCART	731046.38	4052931.50	67.84	67.84
DISCCART	731046.38	4052956.50	67.74	67.74
DISCCART	731046.38	4052981.50	67.67	67.67
DISCCART	731046.38	4053006.50	67.64	67.64
DISCCART	731046.38	4053031.50	67.54	67.54
DISCCART	731046.38	4053056.50	67.45	67.45
DISCCART	731046.38	4053081.50	67.42	67.42
DISCCART	731046.38	4053106.50	67.34	67.34
DISCCART	731046.38	4053131.50	67.28	67.28
DISCCART	731046.38	4053156.50	67.21	67.21
DISCCART	731046.38	4053181.50	67.14	67.14
DISCCART	731046.38	4053206.50	67.06	67.06
DISCCART	731046.38	4053231.50	67.03	67.03
DISCCART	731046.38	4053256.50	66.94	66.94
DISCCART	731046.38	4053281.50	66.87	66.87
DISCCART	731046.38	4053306.50	66.84	66.84
DISCCART	731046.38	4053331.50	66.74	66.74
DISCCART	731046.38	4053356.50	66.74	66.74
DISCCART	731046.38	4053381.50	66.64	66.64
DISCCART	731046.38	4053406.50	66.61	66.61
DISCCART	731046.38	4053431.50	66.54	66.54
DISCCART	731046.38	4053456.50	66.46	66.46
DISCCART	731046.38	4053481.50	66.42	66.42
DISCCART	731046.38	4053506.50	66.34	66.34
DISCCART	731046.38	4053531.50	66.32	66.32
DISCCART	731046.38	4053556.50	66.24	66.24
DISCCART	731046.38	4053581.50	66.24	66.24
DISCCART	731046.38	4053606.50	66.15	66.15
DISCCART	731046.38	4053631.50	66.14	66.14
DISCCART	731046.38	4053656.50	66.11	66.11
DISCCART	731046.38	4053681.50	66.04	66.04
DISCCART	731046.38	4053706.50	66.04	66.04
DISCCART	731046.38	4053731.50	65.98	65.98
DISCCART	731046.38	4053756.50	65.94	65.94
DISCCART	731046.38	4053781.50	65.88	65.88
DISCCART	731046.38	4053806.50	65.84	65.84
DISCCART	731046.38	4053831.50	65.77	65.77
DISCCART	731046.38	4053856.50	65.71	65.71
DISCCART	731046.38	4053881.50	65.73	65.73
DISCCART	731046.38	4053906.50	65.64	65.64
DISCCART	731046.38	4053931.50	65.54	65.54
DISCCART	731046.38	4053956.50	65.55	65.55
DISCCART	731046.38	4053981.50	65.54	65.54
DISCCART	731046.38	4054006.50	65.43	65.43
DISCCART	731046.38	4054031.50	65.42	65.42
DISCCART	731046.38	4054056.50	65.41	65.41
DISCCART	731046.38	4054081.50	65.35	65.35
DISCCART	731046.38	4054106.50	65.26	65.26
DISCCART	731046.38	4054131.50	65.26	65.26
DISCCART	731046.38	4054156.50	65.24	65.24
DISCCART	731046.38	4054181.50	65.24	65.24
DISCCART	731046.38	4054206.50	65.23	65.23
DISCCART	731046.38	4054231.50	65.15	65.15
DISCCART	731046.38	4054256.50	65.14	65.14
DISCCART	731046.38	4054281.50	65.14	65.14
DISCCART	731046.38	4054306.50	65.14	65.14
DISCCART	731046.38	4054331.50	65.14	65.14
DISCCART	731046.38	4054356.50	65.12	65.12
DISCCART	731046.38	4054381.50	65.12	65.12
DISCCART	731046.38	4054406.50	65.12	65.12
DISCCART	731046.38	4054431.50	65.12	65.12
DISCCART	731046.38	4054456.50	65.06	65.06
DISCCART	731046.38	4054481.50	65.06	65.06
DISCCART	731046.38	4054506.50	65.05	65.05
DISCCART	731046.38	4054531.50	65.05	65.05

DISCCART	731046.38	4054556.50	65.05	65.05
DISCCART	731046.38	4054581.50	65.04	65.04
DISCCART	731046.38	4054606.50	65.04	65.04
DISCCART	731046.38	4054631.50	65.04	65.04
DISCCART	731046.38	4054656.50	65.04	65.04
DISCCART	731046.38	4054681.50	65.04	65.04
DISCCART	731046.38	4054706.50	65.04	65.04
DISCCART	731046.38	4054731.50	65.04	65.04
DISCCART	731046.38	4054756.50	65.00	65.00
DISCCART	731046.38	4054781.50	64.94	64.94
DISCCART	731046.38	4054806.50	64.94	64.94
DISCCART	731046.38	4054831.50	64.84	64.84
DISCCART	731046.38	4054856.50	64.82	64.82
DISCCART	731046.38	4054881.50	64.73	64.73
DISCCART	731046.38	4054906.50	64.64	64.64
DISCCART	731046.38	4054931.50	64.54	64.54
DISCCART	731046.38	4054956.50	64.54	64.54
DISCCART	731046.38	4054981.50	64.54	64.54
DISCCART	731046.38	4055006.50	64.54	64.54
DISCCART	731046.38	4055031.50	64.54	64.54
DISCCART	731046.38	4055056.50	64.54	64.54
DISCCART	731046.38	4055081.50	64.54	64.54
DISCCART	731046.38	4055106.50	64.54	64.54
DISCCART	731046.38	4055131.50	64.54	64.54
DISCCART	731046.38	4055156.50	64.54	64.54
DISCCART	731046.38	4055181.50	64.54	64.54
DISCCART	731046.38	4055206.50	64.55	64.55
DISCCART	731046.38	4055231.50	64.60	64.60
DISCCART	731046.38	4055256.50	64.62	64.62
DISCCART	731046.38	4055281.50	64.64	64.64
DISCCART	731046.38	4055306.50	64.64	64.64
DISCCART	731046.38	4055331.50	64.64	64.64
DISCCART	731071.38	4052331.50	69.73	69.73
DISCCART	731071.38	4052356.50	69.61	69.61
DISCCART	731071.38	4052381.50	69.48	69.48
DISCCART	731071.38	4052406.50	69.44	69.44
DISCCART	731071.38	4052431.50	69.44	69.44
DISCCART	731071.38	4052456.50	69.38	69.38
DISCCART	731071.38	4052481.50	69.30	69.30
DISCCART	731071.38	4052506.50	69.20	69.20
DISCCART	731071.38	4052531.50	69.14	69.14
DISCCART	731071.38	4052556.50	69.03	69.03
DISCCART	731071.38	4052581.50	68.94	68.94
DISCCART	731071.38	4052606.50	68.84	68.84
DISCCART	731071.38	4052631.50	68.76	68.76
DISCCART	731071.38	4052656.50	68.64	68.64
DISCCART	731071.38	4052681.50	68.59	68.59
DISCCART	731071.38	4052706.50	68.51	68.51
DISCCART	731071.38	4052731.50	68.43	68.43
DISCCART	731071.38	4052756.50	68.34	68.34
DISCCART	731071.38	4052781.50	68.24	68.24
DISCCART	731071.38	4052806.50	68.18	68.18
DISCCART	731071.38	4052831.50	68.10	68.10
DISCCART	731071.38	4052856.50	68.02	68.02
DISCCART	731071.38	4052881.50	67.94	67.94
DISCCART	731071.38	4052906.50	67.84	67.84
DISCCART	731071.38	4052931.50	67.77	67.77
DISCCART	731071.38	4052956.50	67.73	67.73
DISCCART	731071.38	4052981.50	67.64	67.64
DISCCART	731071.38	4053006.50	67.54	67.54
DISCCART	731071.38	4053031.50	67.51	67.51
DISCCART	731071.38	4053056.50	67.44	67.44
DISCCART	731071.38	4053081.50	67.34	67.34
DISCCART	731071.38	4053106.50	67.28	67.28
DISCCART	731071.38	4053131.50	67.24	67.24
DISCCART	731071.38	4053156.50	67.15	67.15
DISCCART	731071.38	4053181.50	67.07	67.07
DISCCART	731071.38	4053206.50	67.02	67.02
DISCCART	731071.38	4053231.50	66.94	66.94
DISCCART	731071.38	4053256.50	66.87	66.87
DISCCART	731071.38	4053281.50	66.84	66.84
DISCCART	731071.38	4053306.50	66.77	66.77
DISCCART	731071.38	4053331.50	66.74	66.74
DISCCART	731071.38	4053356.50	66.64	66.64
DISCCART	731071.38	4053381.50	66.60	66.60
DISCCART	731071.38	4053406.50	66.54	66.54
DISCCART	731071.38	4053431.50	66.46	66.46
DISCCART	731071.38	4053456.50	66.42	66.42
DISCCART	731071.38	4053481.50	66.34	66.34
DISCCART	731071.38	4053506.50	66.34	66.34
DISCCART	731071.38	4053531.50	66.25	66.25
DISCCART	731071.38	4053556.50	66.24	66.24
DISCCART	731071.38	4053581.50	66.20	66.20
DISCCART	731071.38	4053606.50	66.14	66.14
DISCCART	731071.38	4053631.50	66.14	66.14
DISCCART	731071.38	4053656.50	66.04	66.04
DISCCART	731071.38	4053681.50	66.04	66.04
DISCCART	731071.38	4053706.50	65.94	65.94
DISCCART	731071.38	4053731.50	65.94	65.94
DISCCART	731071.38	4053756.50	65.89	65.89
DISCCART	731071.38	4053781.50	65.84	65.84
DISCCART	731071.38	4053806.50	65.82	65.82
DISCCART	731071.38	4053831.50	65.74	65.74
DISCCART	731071.38	4053856.50	65.66	65.66
DISCCART	731071.38	4053881.50	65.58	65.58
DISCCART	731071.38	4053906.50	65.60	65.60
DISCCART	731071.38	4053931.50	65.50	65.50
DISCCART	731071.38	4053956.50	65.48	65.48
DISCCART	731071.38	4053981.50	65.45	65.45
DISCCART	731071.38	4054006.50	65.41	65.41
DISCCART	731071.38	4054031.50	65.33	65.33
DISCCART	731071.38	4054056.50	65.34	65.34
DISCCART	731071.38	4054081.50	65.30	65.30
DISCCART	731071.38	4054106.50	65.24	65.24
DISCCART	731071.38	4054131.50	65.24	65.24
DISCCART	731071.38	4054156.50	65.18	65.18
DISCCART	731071.38	4054181.50	65.16	65.16
DISCCART	731071.38	4054206.50	65.14	65.14
DISCCART	731071.38	4054231.50	65.14	65.14
DISCCART	731071.38	4054256.50	65.12	65.12
DISCCART	731071.38	4054281.50	65.09	65.09
DISCCART	731071.38	4054306.50	65.04	65.04
DISCCART	731071.38	4054331.50	65.04	65.04
DISCCART	731071.38	4054356.50	65.04	65.04
DISCCART	731071.38	4054381.50	65.04	65.04
DISCCART	731071.38	4054406.50	65.04	65.04
DISCCART	731071.38	4054431.50	65.04	65.04
DISCCART	731071.38	4054456.50	65.04	65.04
DISCCART	731071.38	4054481.50	65.04	65.04
DISCCART	731071.38	4054506.50	65.04	65.04
DISCCART	731071.38	4054531.50	65.04	65.04
DISCCART	731071.38	4054556.50	65.04	65.04
DISCCART	731071.38	4054581.50	65.04	65.04
DISCCART	731071.38	4054606.50	65.04	65.04

DISCCART	731071.38	4054631.50	65.04	65.04
DISCCART	731071.38	4054656.50	65.04	65.04
DISCCART	731071.38	4054681.50	65.04	65.04
DISCCART	731071.38	4054706.50	64.99	64.99
DISCCART	731071.38	4054731.50	64.99	64.99
DISCCART	731071.38	4054756.50	64.94	64.94
DISCCART	731071.38	4054781.50	64.94	64.94
DISCCART	731071.38	4054806.50	64.94	64.94
DISCCART	731071.38	4054831.50	64.84	64.84
DISCCART	731071.38	4054856.50	64.82	64.82
DISCCART	731071.38	4054881.50	64.68	64.68
DISCCART	731071.38	4054906.50	64.63	64.63
DISCCART	731071.38	4054931.50	64.54	64.54
DISCCART	731071.38	4054956.50	64.54	64.54
DISCCART	731071.38	4054981.50	64.49	64.49
DISCCART	731071.38	4055006.50	64.44	64.44
DISCCART	731071.38	4055031.50	64.44	64.44
DISCCART	731071.38	4055056.50	64.46	64.46
DISCCART	731071.38	4055081.50	64.45	64.45
DISCCART	731071.38	4055106.50	64.46	64.46
DISCCART	731071.38	4055131.50	64.48	64.48
DISCCART	731071.38	4055156.50	64.54	64.54
DISCCART	731071.38	4055181.50	64.54	64.54
DISCCART	731071.38	4055206.50	64.54	64.54
DISCCART	731071.38	4055231.50	64.54	64.54
DISCCART	731071.38	4055256.50	64.54	64.54
DISCCART	731071.38	4055281.50	64.54	64.54
DISCCART	731071.38	4055306.50	64.56	64.56
DISCCART	731071.38	4055331.50	64.62	64.62
DISCCART	731096.38	4052331.50	69.68	69.68
DISCCART	731096.38	4052356.50	69.61	69.61
DISCCART	731096.38	4052381.50	69.48	69.48
DISCCART	731096.38	4052406.50	69.44	69.44
DISCCART	731096.38	4052431.50	69.44	69.44
DISCCART	731096.38	4052456.50	69.34	69.34
DISCCART	731096.38	4052481.50	69.25	69.25
DISCCART	731096.38	4052506.50	69.15	69.15
DISCCART	731096.38	4052531.50	69.06	69.06
DISCCART	731096.38	4052556.50	68.95	68.95
DISCCART	731096.38	4052581.50	68.89	68.89
DISCCART	731096.38	4052606.50	68.83	68.83
DISCCART	731096.38	4052631.50	68.72	68.72
DISCCART	731096.38	4052656.50	68.64	68.64
DISCCART	731096.38	4052681.50	68.54	68.54
DISCCART	731096.38	4052706.50	68.45	68.45
DISCCART	731096.38	4052731.50	68.37	68.37
DISCCART	731096.38	4052756.50	68.30	68.30
DISCCART	731096.38	4052781.50	68.23	68.23
DISCCART	731096.38	4052806.50	68.14	68.14
DISCCART	731096.38	4052831.50	68.04	68.04
DISCCART	731096.38	4052856.50	67.96	67.96
DISCCART	731096.38	4052881.50	67.87	67.87
DISCCART	731096.38	4052906.50	67.82	67.82
DISCCART	731096.38	4052931.50	67.74	67.74
DISCCART	731096.38	4052956.50	67.64	67.64
DISCCART	731096.38	4052981.50	67.58	67.58
DISCCART	731096.38	4053006.50	67.54	67.54
DISCCART	731096.38	4053031.50	67.44	67.44
DISCCART	731096.38	4053056.50	67.35	67.35
DISCCART	731096.38	4053081.50	67.32	67.32
DISCCART	731096.38	4053106.50	67.24	67.24
DISCCART	731096.38	4053131.50	67.15	67.15
DISCCART	731096.38	4053156.50	67.10	67.10
DISCCART	731096.38	4053181.50	67.04	67.04
DISCCART	731096.38	4053206.50	66.96	66.96
DISCCART	731096.38	4053231.50	66.93	66.93
DISCCART	731096.38	4053256.50	66.84	66.84
DISCCART	731096.38	4053281.50	66.77	66.77
DISCCART	731096.38	4053306.50	66.74	66.74
DISCCART	731096.38	4053331.50	66.64	66.64
DISCCART	731096.38	4053356.50	66.61	66.61
DISCCART	731096.38	4053381.50	66.54	66.54
DISCCART	731096.38	4053406.50	66.46	66.46
DISCCART	731096.38	4053431.50	66.43	66.43
DISCCART	731096.38	4053456.50	66.34	66.34
DISCCART	731096.38	4053481.50	66.34	66.34
DISCCART	731096.38	4053506.50	66.26	66.26
DISCCART	731096.38	4053531.50	66.24	66.24
DISCCART	731096.38	4053556.50	66.21	66.21
DISCCART	731096.38	4053581.50	66.14	66.14
DISCCART	731096.38	4053606.50	66.14	66.14
DISCCART	731096.38	4053631.50	66.04	66.04
DISCCART	731096.38	4053656.50	66.04	66.04
DISCCART	731096.38	4053681.50	65.98	65.98
DISCCART	731096.38	4053706.50	65.94	65.94
DISCCART	731096.38	4053731.50	65.89	65.89
DISCCART	731096.38	4053756.50	65.84	65.84
DISCCART	731096.38	4053781.50	65.78	65.78
DISCCART	731096.38	4053806.50	65.74	65.74
DISCCART	731096.38	4053831.50	65.71	65.71
DISCCART	731096.38	4053856.50	65.64	65.64
DISCCART	731096.38	4053881.50	65.54	65.54
DISCCART	731096.38	4053906.50	65.44	65.44
DISCCART	731096.38	4053931.50	65.46	65.46
DISCCART	731096.38	4053956.50	65.35	65.35
DISCCART	731096.38	4053981.50	65.44	65.44
DISCCART	731096.38	4054006.50	65.32	65.32
DISCCART	731096.38	4054031.50	65.30	65.30
DISCCART	731096.38	4054056.50	65.25	65.25
DISCCART	731096.38	4054081.50	65.16	65.16
DISCCART	731096.38	4054106.50	65.21	65.21
DISCCART	731096.38	4054131.50	65.16	65.16
DISCCART	731096.38	4054156.50	65.14	65.14
DISCCART	731096.38	4054181.50	65.14	65.14
DISCCART	731096.38	4054206.50	65.10	65.10
DISCCART	731096.38	4054231.50	65.05	65.05
DISCCART	731096.38	4054256.50	65.04	65.04
DISCCART	731096.38	4054281.50	65.04	65.04
DISCCART	731096.38	4054306.50	65.03	65.03
DISCCART	731096.38	4054331.50	65.02	65.02
DISCCART	731096.38	4054356.50	65.02	65.02
DISCCART	731096.38	4054381.50	64.97	64.97
DISCCART	731096.38	4054406.50	64.96	64.96
DISCCART	731096.38	4054431.50	64.96	64.96
DISCCART	731096.38	4054456.50	64.96	64.96
DISCCART	731096.38	4054481.50	64.95	64.95
DISCCART	731096.38	4054506.50	64.95	64.95
DISCCART	731096.38	4054531.50	64.95	64.95
DISCCART	731096.38	4054556.50	64.95	64.95
DISCCART	731096.38	4054581.50	64.94	64.94
DISCCART	731096.38	4054606.50	64.94	64.94
DISCCART	731096.38	4054631.50	64.94	64.94
DISCCART	731096.38	4054656.50	64.94	64.94
DISCCART	731096.38	4054681.50	64.94	64.94

DISCCART	731096.38	4054706.50	64.94	64.94
DISCCART	731096.38	4054731.50	64.94	64.94
DISCCART	731096.38	4054756.50	64.94	64.94
DISCCART	731096.38	4054781.50	64.94	64.94
DISCCART	731096.38	4054806.50	64.94	64.94
DISCCART	731096.38	4054831.50	64.84	64.84
DISCCART	731096.38	4054856.50	64.82	64.82
DISCCART	731096.38	4054881.50	64.69	64.69
DISCCART	731096.38	4054906.50	64.61	64.61
DISCCART	731096.38	4054931.50	64.54	64.54
DISCCART	731096.38	4054956.50	64.46	64.46
DISCCART	731096.38	4054981.50	64.44	64.44
DISCCART	731096.38	4055006.50	64.44	64.44
DISCCART	731096.38	4055031.50	64.44	64.44
DISCCART	731096.38	4055056.50	64.44	64.44
DISCCART	731096.38	4055081.50	64.44	64.44
DISCCART	731096.38	4055106.50	64.44	64.44
DISCCART	731096.38	4055131.50	64.44	64.44
DISCCART	731096.38	4055156.50	64.44	64.44
DISCCART	731096.38	4055181.50	64.45	64.45
DISCCART	731096.38	4055206.50	64.45	64.45
DISCCART	731096.38	4055231.50	64.52	64.52
DISCCART	731096.38	4055256.50	64.52	64.52
DISCCART	731096.38	4055281.50	64.54	64.54
DISCCART	731096.38	4055306.50	64.54	64.54
DISCCART	731096.38	4055331.50	64.54	64.54
DISCCART	731121.38	4052331.50	69.58	69.58
DISCCART	731121.38	4052356.50	69.55	69.55
DISCCART	731121.38	4052381.50	69.47	69.47
DISCCART	731121.38	4052406.50	69.40	69.40
DISCCART	731121.38	4052431.50	69.34	69.34
DISCCART	731121.38	4052456.50	69.28	69.28
DISCCART	731121.38	4052481.50	69.20	69.20
DISCCART	731121.38	4052506.50	69.11	69.11
DISCCART	731121.38	4052531.50	69.04	69.04
DISCCART	731121.38	4052556.50	68.93	68.93
DISCCART	731121.38	4052581.50	68.84	68.84
DISCCART	731121.38	4052606.50	68.74	68.74
DISCCART	731121.38	4052631.50	68.64	68.64
DISCCART	731121.38	4052656.50	68.55	68.55
DISCCART	731121.38	4052681.50	68.49	68.49
DISCCART	731121.38	4052706.50	68.40	68.40
DISCCART	731121.38	4052731.50	68.33	68.33
DISCCART	731121.38	4052756.50	68.24	68.24
DISCCART	731121.38	4052781.50	68.14	68.14
DISCCART	731121.38	4052806.50	68.08	68.08
DISCCART	731121.38	4052831.50	68.00	68.00
DISCCART	731121.38	4052856.50	67.93	67.93
DISCCART	731121.38	4052881.50	67.84	67.84
DISCCART	731121.38	4052906.50	67.74	67.74
DISCCART	731121.38	4052931.50	67.68	67.68
DISCCART	731121.38	4052956.50	67.63	67.63
DISCCART	731121.38	4052981.50	67.54	67.54
DISCCART	731121.38	4053006.50	67.44	67.44
DISCCART	731121.38	4053031.50	67.41	67.41
DISCCART	731121.38	4053056.50	67.33	67.33
DISCCART	731121.38	4053081.50	67.24	67.24
DISCCART	731121.38	4053106.50	67.18	67.18
DISCCART	731121.38	4053131.50	67.10	67.10
DISCCART	731121.38	4053156.50	67.04	67.04
DISCCART	731121.38	4053181.50	66.95	66.95
DISCCART	731121.38	4053206.50	66.92	66.92
DISCCART	731121.38	4053231.50	66.84	66.84
DISCCART	731121.38	4053256.50	66.77	66.77
DISCCART	731121.38	4053281.50	66.74	66.74
DISCCART	731121.38	4053306.50	66.64	66.64
DISCCART	731121.38	4053331.50	66.60	66.60
DISCCART	731121.38	4053356.50	66.54	66.54
DISCCART	731121.38	4053381.50	66.50	66.50
DISCCART	731121.38	4053406.50	66.44	66.44
DISCCART	731121.38	4053431.50	66.36	66.36
DISCCART	731121.38	4053456.50	66.34	66.34
DISCCART	731121.38	4053481.50	66.30	66.30
DISCCART	731121.38	4053506.50	66.24	66.24
DISCCART	731121.38	4053531.50	66.24	66.24
DISCCART	731121.38	4053556.50	66.15	66.15
DISCCART	731121.38	4053581.50	66.14	66.14
DISCCART	731121.38	4053606.50	66.07	66.07
DISCCART	731121.38	4053631.50	66.04	66.04
DISCCART	731121.38	4053656.50	66.03	66.03
DISCCART	731121.38	4053681.50	65.94	65.94
DISCCART	731121.38	4053706.50	65.94	65.94
DISCCART	731121.38	4053731.50	65.84	65.84
DISCCART	731121.38	4053756.50	65.83	65.83
DISCCART	731121.38	4053781.50	65.74	65.74
DISCCART	731121.38	4053806.50	65.66	65.66
DISCCART	731121.38	4053831.50	65.58	65.58
DISCCART	731121.38	4053856.50	65.54	65.54
DISCCART	731121.38	4053881.50	65.50	65.50
DISCCART	731121.38	4053906.50	65.40	65.40
DISCCART	731121.38	4053931.50	65.34	65.34
DISCCART	731121.38	4053956.50	65.31	65.31
DISCCART	731121.38	4053981.50	65.23	65.23
DISCCART	731121.38	4054006.50	65.31	65.31
DISCCART	731121.38	4054031.50	65.20	65.20
DISCCART	731121.38	4054056.50	65.22	65.22
DISCCART	731121.38	4054081.50	65.14	65.14
DISCCART	731121.38	4054106.50	65.14	65.14
DISCCART	731121.38	4054131.50	65.14	65.14
DISCCART	731121.38	4054156.50	65.09	65.09
DISCCART	731121.38	4054181.50	65.04	65.04
DISCCART	731121.38	4054206.50	65.04	65.04
DISCCART	731121.38	4054231.50	65.04	65.04
DISCCART	731121.38	4054256.50	64.97	64.97
DISCCART	731121.38	4054281.50	64.94	64.94
DISCCART	731121.38	4054306.50	64.94	64.94
DISCCART	731121.38	4054331.50	64.94	64.94
DISCCART	731121.38	4054356.50	64.94	64.94
DISCCART	731121.38	4054381.50	64.94	64.94
DISCCART	731121.38	4054406.50	64.94	64.94
DISCCART	731121.38	4054431.50	64.94	64.94
DISCCART	731121.38	4054456.50	64.94	64.94
DISCCART	731121.38	4054481.50	64.94	64.94
DISCCART	731121.38	4054506.50	64.94	64.94
DISCCART	731121.38	4054531.50	64.94	64.94
DISCCART	731121.38	4054556.50	64.94	64.94
DISCCART	731121.38	4054581.50	64.94	64.94
DISCCART	731121.38	4054606.50	64.94	64.94
DISCCART	731121.38	4054631.50	64.94	64.94
DISCCART	731121.38	4054656.50	64.94	64.94
DISCCART	731121.38	4054681.50	64.94	64.94
DISCCART	731121.38	4054706.50	64.94	64.94
DISCCART	731121.38	4054731.50	64.94	64.94
DISCCART	731121.38	4054756.50	64.93	64.93

DISCCART	731121.38	4054781.50	64.88	64.88
DISCCART	731121.38	4054806.50	64.88	64.88
DISCCART	731121.38	4054831.50	64.84	64.84
DISCCART	731121.38	4054856.50	64.81	64.81
DISCCART	731121.38	4054881.50	64.68	64.68
DISCCART	731121.38	4054906.50	64.60	64.60
DISCCART	731121.38	4054931.50	64.54	64.54
DISCCART	731121.38	4054956.50	64.45	64.45
DISCCART	731121.38	4054981.50	64.44	64.44
DISCCART	731121.38	4055006.50	64.44	64.44
DISCCART	731121.38	4055031.50	64.39	64.39
DISCCART	731121.38	4055056.50	64.34	64.34
DISCCART	731121.38	4055081.50	64.34	64.34
DISCCART	731121.38	4055106.50	64.38	64.38
DISCCART	731121.38	4055131.50	64.44	64.44
DISCCART	731121.38	4055156.50	64.44	64.44
DISCCART	731121.38	4055181.50	64.44	64.44
DISCCART	731121.38	4055206.50	64.44	64.44
DISCCART	731121.38	4055231.50	64.44	64.44
DISCCART	731121.38	4055256.50	64.44	64.44
DISCCART	731121.38	4055281.50	64.44	64.44
DISCCART	731121.38	4055306.50	64.48	64.48
DISCCART	731121.38	4055331.50	64.54	64.54
DISCCART	731146.38	4052331.50	69.45	69.45
DISCCART	731146.38	4052356.50	69.45	69.45
DISCCART	731146.38	4052381.50	69.44	69.44
DISCCART	731146.38	4052406.50	69.40	69.40
DISCCART	731146.38	4052431.50	69.26	69.26
DISCCART	731146.38	4052456.50	69.21	69.21
DISCCART	731146.38	4052481.50	69.14	69.14
DISCCART	731146.38	4052506.50	69.04	69.04
DISCCART	731146.38	4052531.50	68.97	68.97
DISCCART	731146.38	4052556.50	68.90	68.90
DISCCART	731146.38	4052581.50	68.79	68.79
DISCCART	731146.38	4052606.50	68.70	68.70
DISCCART	731146.38	4052631.50	68.62	68.62
DISCCART	731146.38	4052656.50	68.54	68.54
DISCCART	731146.38	4052681.50	68.44	68.44
DISCCART	731146.38	4052706.50	68.36	68.36
DISCCART	731146.38	4052731.50	68.27	68.27
DISCCART	731146.38	4052756.50	68.19	68.19
DISCCART	731146.38	4052781.50	68.13	68.13
DISCCART	731146.38	4052806.50	68.04	68.04
DISCCART	731146.38	4052831.50	67.94	67.94
DISCCART	731146.38	4052856.50	67.85	67.85
DISCCART	731146.38	4052881.50	67.78	67.78
DISCCART	731146.38	4052906.50	67.73	67.73
DISCCART	731146.38	4052931.50	67.64	67.64
DISCCART	731146.38	4052956.50	67.54	67.54
DISCCART	731146.38	4052981.50	67.48	67.48
DISCCART	731146.38	4053006.50	67.41	67.41
DISCCART	731146.38	4053031.50	67.34	67.34
DISCCART	731146.38	4053056.50	67.26	67.26
DISCCART	731146.38	4053081.50	67.18	67.18
DISCCART	731146.38	4053106.50	67.14	67.14
DISCCART	731146.38	4053131.50	67.05	67.05
DISCCART	731146.38	4053156.50	66.96	66.96
DISCCART	731146.38	4053181.50	66.93	66.93
DISCCART	731146.38	4053206.50	66.84	66.84
DISCCART	731146.38	4053231.50	66.77	66.77
DISCCART	731146.38	4053256.50	66.74	66.74
DISCCART	731146.38	4053281.50	66.64	66.64
DISCCART	731146.38	4053306.50	66.61	66.61
DISCCART	731146.38	4053331.50	66.54	66.54
DISCCART	731146.38	4053356.50	66.45	66.45
DISCCART	731146.38	4053381.50	66.44	66.44
DISCCART	731146.38	4053406.50	66.36	66.36
DISCCART	731146.38	4053431.50	66.34	66.34
DISCCART	731146.38	4053456.50	66.30	66.30
DISCCART	731146.38	4053481.50	66.24	66.24
DISCCART	731146.38	4053506.50	66.24	66.24
DISCCART	731146.38	4053531.50	66.16	66.16
DISCCART	731146.38	4053556.50	66.14	66.14
DISCCART	731146.38	4053581.50	66.13	66.13
DISCCART	731146.38	4053606.50	66.04	66.04
DISCCART	731146.38	4053631.50	66.03	66.03
DISCCART	731146.38	4053656.50	65.94	65.94
DISCCART	731146.38	4053681.50	65.94	65.94
DISCCART	731146.38	4053706.50	65.85	65.85
DISCCART	731146.38	4053731.50	65.84	65.84
DISCCART	731146.38	4053756.50	65.76	65.76
DISCCART	731146.38	4053781.50	65.72	65.72
DISCCART	731146.38	4053806.50	65.65	65.65
DISCCART	731146.38	4053831.50	65.55	65.55
DISCCART	731146.38	4053856.50	65.46	65.46
DISCCART	731146.38	4053881.50	65.36	65.36
DISCCART	731146.38	4053906.50	65.34	65.34
DISCCART	731146.38	4053931.50	65.26	65.26
DISCCART	731146.38	4053956.50	65.15	65.15
DISCCART	731146.38	4053981.50	65.15	65.15
DISCCART	731146.38	4054006.50	65.14	65.14
DISCCART	731146.38	4054031.50	65.12	65.12
DISCCART	731146.38	4054056.50	65.05	65.05
DISCCART	731146.38	4054081.50	65.09	65.09
DISCCART	731146.38	4054106.50	65.06	65.06
DISCCART	731146.38	4054131.50	65.04	65.04
DISCCART	731146.38	4054156.50	65.04	65.04
DISCCART	731146.38	4054181.50	65.03	65.03
DISCCART	731146.38	4054206.50	64.96	64.96
DISCCART	731146.38	4054231.50	64.94	64.94
DISCCART	731146.38	4054256.50	64.94	64.94
DISCCART	731146.38	4054281.50	64.93	64.93
DISCCART	731146.38	4054306.50	64.85	64.85
DISCCART	731146.38	4054331.50	64.86	64.86
DISCCART	731146.38	4054356.50	64.86	64.86
DISCCART	731146.38	4054381.50	64.86	64.86
DISCCART	731146.38	4054406.50	64.86	64.86
DISCCART	731146.38	4054431.50	64.86	64.86
DISCCART	731146.38	4054456.50	64.86	64.86
DISCCART	731146.38	4054481.50	64.85	64.85
DISCCART	731146.38	4054506.50	64.85	64.85
DISCCART	731146.38	4054531.50	64.84	64.84
DISCCART	731146.38	4054556.50	64.84	64.84
DISCCART	731146.38	4054581.50	64.84	64.84
DISCCART	731146.38	4054606.50	64.84	64.84
DISCCART	731146.38	4054631.50	64.84	64.84
DISCCART	731146.38	4054656.50	64.84	64.84
DISCCART	731146.38	4054681.50	64.84	64.84
DISCCART	731146.38	4054706.50	64.84	64.84
DISCCART	731146.38	4054731.50	64.84	64.84
DISCCART	731146.38	4054756.50	64.84	64.84
DISCCART	731146.38	4054781.50	64.84	64.84
DISCCART	731146.38	4054806.50	64.84	64.84
DISCCART	731146.38	4054831.50	64.84	64.84

DISCCART	731146.38	4054856.50	64.81	64.81
DISCCART	731146.38	4054881.50	64.68	64.68
DISCCART	731146.38	4054906.50	64.60	64.60
DISCCART	731146.38	4054931.50	64.54	64.54
DISCCART	731146.38	4054956.50	64.44	64.44
DISCCART	731146.38	4054981.50	64.44	64.44
DISCCART	731146.38	4055006.50	64.34	64.34
DISCCART	731146.38	4055031.50	64.34	64.34
DISCCART	731146.38	4055056.50	64.34	64.34
DISCCART	731146.38	4055081.50	64.34	64.34
DISCCART	731146.38	4055106.50	64.34	64.34
DISCCART	731146.38	4055131.50	64.34	64.34
DISCCART	731146.38	4055156.50	64.34	64.34
DISCCART	731146.38	4055181.50	64.35	64.35
DISCCART	731146.38	4055206.50	64.35	64.35
DISCCART	731146.38	4055231.50	64.36	64.36
DISCCART	731146.38	4055256.50	64.43	64.43
DISCCART	731146.38	4055281.50	64.44	64.44
DISCCART	731146.38	4055306.50	64.44	64.44
DISCCART	731146.38	4055331.50	64.44	64.44
DISCCART	731171.38	4052331.50	69.44	69.44
DISCCART	731171.38	4052356.50	69.42	69.42
DISCCART	731171.38	4052381.50	69.35	69.35
DISCCART	731171.38	4052406.50	69.32	69.32
DISCCART	731171.38	4052431.50	69.24	69.24
DISCCART	731171.38	4052456.50	69.14	69.14
DISCCART	731171.38	4052481.50	69.07	69.07
DISCCART	731171.38	4052506.50	69.02	69.02
DISCCART	731171.38	4052531.50	68.90	68.90
DISCCART	731171.38	4052556.50	68.83	68.83
DISCCART	731171.38	4052581.50	68.70	68.70
DISCCART	731171.38	4052606.50	68.62	68.62
DISCCART	731171.38	4052631.50	68.53	68.53
DISCCART	731171.38	4052656.50	68.45	68.45
DISCCART	731171.38	4052681.50	68.35	68.35
DISCCART	731171.38	4052706.50	68.27	68.27
DISCCART	731171.38	4052731.50	68.20	68.20
DISCCART	731171.38	4052756.50	68.14	68.14
DISCCART	731171.38	4052781.50	68.04	68.04
DISCCART	731171.38	4052806.50	67.95	67.95
DISCCART	731171.38	4052831.50	67.90	67.90
DISCCART	731171.38	4052856.50	67.83	67.83
DISCCART	731171.38	4052881.50	67.74	67.74
DISCCART	731171.38	4052906.50	67.64	67.64
DISCCART	731171.38	4052931.50	67.53	67.53
DISCCART	731171.38	4052956.50	67.53	67.53
DISCCART	731171.38	4052981.50	67.44	67.44
DISCCART	731171.38	4053006.50	67.35	67.35
DISCCART	731171.38	4053031.50	67.28	67.28
DISCCART	731171.38	4053056.50	67.22	67.22
DISCCART	731171.38	4053081.50	67.14	67.14
DISCCART	731171.38	4053106.50	67.05	67.05
DISCCART	731171.38	4053131.50	67.00	67.00
DISCCART	731171.38	4053156.50	66.92	66.92
DISCCART	731171.38	4053181.50	66.84	66.84
DISCCART	731171.38	4053206.50	66.77	66.77
DISCCART	731171.38	4053231.50	66.74	66.74
DISCCART	731171.38	4053256.50	66.64	66.64
DISCCART	731171.38	4053281.50	66.60	66.60
DISCCART	731171.38	4053306.50	66.54	66.54
DISCCART	731171.38	4053331.50	66.46	66.46
DISCCART	731171.38	4053356.50	66.44	66.44
DISCCART	731171.38	4053381.50	66.36	66.36
DISCCART	731171.38	4053406.50	66.34	66.34
DISCCART	731171.38	4053431.50	66.30	66.30
DISCCART	731171.38	4053456.50	66.24	66.24
DISCCART	731171.38	4053481.50	66.24	66.24
DISCCART	731171.38	4053506.50	66.15	66.15
DISCCART	731171.38	4053531.50	66.14	66.14
DISCCART	731171.38	4053556.50	66.12	66.12
DISCCART	731171.38	4053581.50	66.04	66.04
DISCCART	731171.38	4053606.50	66.04	66.04
DISCCART	731171.38	4053631.50	65.94	65.94
DISCCART	731171.38	4053656.50	65.94	65.94
DISCCART	731171.38	4053681.50	65.86	65.86
DISCCART	731171.38	4053706.50	65.84	65.84
DISCCART	731171.38	4053731.50	65.76	65.76
DISCCART	731171.38	4053756.50	65.74	65.74
DISCCART	731171.38	4053781.50	65.66	65.66
DISCCART	731171.38	4053806.50	65.60	65.60
DISCCART	731171.38	4053831.50	65.54	65.54
DISCCART	731171.38	4053856.50	65.44	65.44
DISCCART	731171.38	4053881.50	65.34	65.34
DISCCART	731171.38	4053906.50	65.24	65.24
DISCCART	731171.38	4053931.50	65.16	65.16
DISCCART	731171.38	4053956.50	65.13	65.13
DISCCART	731171.38	4053981.50	65.04	65.04
DISCCART	731171.38	4054006.50	64.99	64.99
DISCCART	731171.38	4054031.50	64.99	64.99
DISCCART	731171.38	4054056.50	65.00	65.00
DISCCART	731171.38	4054081.50	65.04	65.04
DISCCART	731171.38	4054106.50	65.04	65.04
DISCCART	731171.38	4054131.50	65.04	65.04
DISCCART	731171.38	4054156.50	64.97	64.97
DISCCART	731171.38	4054181.50	64.94	64.94
DISCCART	731171.38	4054206.50	64.94	64.94
DISCCART	731171.38	4054231.50	64.90	64.90
DISCCART	731171.38	4054256.50	64.84	64.84
DISCCART	731171.38	4054281.50	64.84	64.84
DISCCART	731171.38	4054306.50	64.84	64.84
DISCCART	731171.38	4054331.50	64.84	64.84
DISCCART	731171.38	4054356.50	64.84	64.84
DISCCART	731171.38	4054381.50	64.84	64.84
DISCCART	731171.38	4054406.50	64.84	64.84
DISCCART	731171.38	4054431.50	64.84	64.84
DISCCART	731171.38	4054456.50	64.84	64.84
DISCCART	731171.38	4054481.50	64.84	64.84
DISCCART	731171.38	4054506.50	64.78	64.78
DISCCART	731171.38	4054531.50	64.78	64.78
DISCCART	731171.38	4054556.50	64.79	64.79
DISCCART	731171.38	4054581.50	64.79	64.79
DISCCART	731171.38	4054606.50	64.79	64.79
DISCCART	731171.38	4054631.50	64.79	64.79
DISCCART	731171.38	4054656.50	64.79	64.79
DISCCART	731171.38	4054681.50	64.79	64.79
DISCCART	731171.38	4054706.50	64.79	64.79
DISCCART	731171.38	4054731.50	64.78	64.78
DISCCART	731171.38	4054756.50	64.78	64.78
DISCCART	731171.38	4054781.50	64.78	64.78
DISCCART	731171.38	4054806.50	64.75	64.75
DISCCART	731171.38	4054831.50	64.74	64.74
DISCCART	731171.38	4054856.50	64.74	64.74
DISCCART	731171.38	4054881.50	64.68	64.68
DISCCART	731171.38	4054906.50	64.60	64.60

DISCCART	731171.38	4054931.50	64.54	64.54
DISCCART	731171.38	4054956.50	64.44	64.44
DISCCART	731171.38	4054981.50	64.36	64.36
DISCCART	731171.38	4055006.50	64.34	64.34
DISCCART	731171.38	4055031.50	64.30	64.30
DISCCART	731171.38	4055056.50	64.28	64.28
DISCCART	731171.38	4055081.50	64.32	64.32
DISCCART	731171.38	4055106.50	64.34	64.34
DISCCART	731171.38	4055131.50	64.34	64.34
DISCCART	731171.38	4055156.50	64.34	64.34
DISCCART	731171.38	4055181.50	64.34	64.34
DISCCART	731171.38	4055206.50	64.34	64.34
DISCCART	731171.38	4055231.50	64.34	64.34
DISCCART	731171.38	4055256.50	64.34	64.34
DISCCART	731171.38	4055281.50	64.37	64.37
DISCCART	731171.38	4055306.50	64.44	64.44
DISCCART	731171.38	4055331.50	64.44	64.44
DISCCART	731196.38	4052331.50	69.46	69.46
DISCCART	731196.38	4052356.50	69.45	69.45
DISCCART	731196.38	4052381.50	69.36	69.36
DISCCART	731196.38	4052406.50	69.25	69.25
DISCCART	731196.38	4052431.50	69.16	69.16
DISCCART	731196.38	4052456.50	69.12	69.12
DISCCART	731196.38	4052481.50	69.04	69.04
DISCCART	731196.38	4052506.50	68.94	68.94
DISCCART	731196.38	4052531.50	68.87	68.87
DISCCART	731196.38	4052556.50	68.76	68.76
DISCCART	731196.38	4052581.50	68.67	68.67
DISCCART	731196.38	4052606.50	68.60	68.60
DISCCART	731196.38	4052631.50	68.53	68.53
DISCCART	731196.38	4052656.50	68.44	68.44
DISCCART	731196.38	4052681.50	68.34	68.34
DISCCART	731196.38	4052706.50	68.25	68.25
DISCCART	731196.38	4052731.50	68.16	68.16
DISCCART	731196.38	4052756.50	68.10	68.10
DISCCART	731196.38	4052781.50	68.03	68.03
DISCCART	731196.38	4052806.50	67.94	67.94
DISCCART	731196.38	4052831.50	67.84	67.84
DISCCART	731196.38	4052856.50	67.75	67.75
DISCCART	731196.38	4052881.50	67.68	67.68
DISCCART	731196.38	4052906.50	67.63	67.63
DISCCART	731196.38	4052931.50	67.54	67.54
DISCCART	731196.38	4052956.50	67.45	67.45
DISCCART	731196.38	4052981.50	67.38	67.38
DISCCART	731196.38	4053006.50	67.30	67.30
DISCCART	731196.38	4053031.50	67.24	67.24
DISCCART	731196.38	4053056.50	67.15	67.15
DISCCART	731196.38	4053081.50	67.07	67.07
DISCCART	731196.38	4053106.50	67.01	67.01
DISCCART	731196.38	4053131.50	66.94	66.94
DISCCART	731196.38	4053156.50	66.85	66.85
DISCCART	731196.38	4053181.50	66.78	66.78
DISCCART	731196.38	4053206.50	66.74	66.74
DISCCART	731196.38	4053231.50	66.65	66.65
DISCCART	731196.38	4053256.50	66.61	66.61
DISCCART	731196.38	4053281.50	66.54	66.54
DISCCART	731196.38	4053306.50	66.45	66.45
DISCCART	731196.38	4053331.50	66.43	66.43
DISCCART	731196.38	4053356.50	66.34	66.34
DISCCART	731196.38	4053381.50	66.34	66.34
DISCCART	731196.38	4053406.50	66.30	66.30
DISCCART	731196.38	4053431.50	66.24	66.24
DISCCART	731196.38	4053456.50	66.23	66.23
DISCCART	731196.38	4053481.50	66.17	66.17
DISCCART	731196.38	4053506.50	66.14	66.14
DISCCART	731196.38	4053531.50	66.12	66.12
DISCCART	731196.38	4053556.50	66.04	66.04
DISCCART	731196.38	4053581.50	66.03	66.03
DISCCART	731196.38	4053606.50	65.94	65.94
DISCCART	731196.38	4053631.50	65.94	65.94
DISCCART	731196.38	4053656.50	65.91	65.91
DISCCART	731196.38	4053681.50	65.84	65.84
DISCCART	731196.38	4053706.50	65.80	65.80
DISCCART	731196.38	4053731.50	65.73	65.73
DISCCART	731196.38	4053756.50	65.70	65.70
DISCCART	731196.38	4053781.50	65.62	65.62
DISCCART	731196.38	4053806.50	65.53	65.53
DISCCART	731196.38	4053831.50	65.46	65.46
DISCCART	731196.38	4053856.50	65.40	65.40
DISCCART	731196.38	4053881.50	65.33	65.33
DISCCART	731196.38	4053906.50	65.24	65.24
DISCCART	731196.38	4053931.50	65.17	65.17
DISCCART	731196.38	4053956.50	65.05	65.05
DISCCART	731196.38	4053981.50	64.97	64.97
DISCCART	731196.38	4054006.50	64.91	64.91
DISCCART	731196.38	4054031.50	64.86	64.86
DISCCART	731196.38	4054056.50	64.94	64.94
DISCCART	731196.38	4054081.50	65.00	65.00
DISCCART	731196.38	4054106.50	64.97	64.97
DISCCART	731196.38	4054131.50	64.94	64.94
DISCCART	731196.38	4054156.50	64.94	64.94
DISCCART	731196.38	4054181.50	64.93	64.93
DISCCART	731196.38	4054206.50	64.85	64.85
DISCCART	731196.38	4054231.50	64.84	64.84
DISCCART	731196.38	4054256.50	64.83	64.83
DISCCART	731196.38	4054281.50	64.75	64.75
DISCCART	731196.38	4054306.50	64.74	64.74
DISCCART	731196.38	4054331.50	64.74	64.74
DISCCART	731196.38	4054356.50	64.74	64.74
DISCCART	731196.38	4054381.50	64.74	64.74
DISCCART	731196.38	4054406.50	64.74	64.74
DISCCART	731196.38	4054431.50	64.74	64.74
DISCCART	731196.38	4054456.50	64.74	64.74
DISCCART	731196.38	4054481.50	64.74	64.74
DISCCART	731196.38	4054506.50	64.74	64.74
DISCCART	731196.38	4054531.50	64.74	64.74
DISCCART	731196.38	4054781.50	64.72	64.72
DISCCART	731196.38	4054806.50	64.73	64.73
DISCCART	731196.38	4054831.50	64.73	64.73
DISCCART	731196.38	4054856.50	64.66	64.66
DISCCART	731196.38	4054881.50	64.64	64.64
DISCCART	731196.38	4054906.50	64.60	64.60
DISCCART	731196.38	4054931.50	64.53	64.53
DISCCART	731196.38	4054956.50	64.44	64.44
DISCCART	731196.38	4054981.50	64.34	64.34
DISCCART	731196.38	4055006.50	64.33	64.33
DISCCART	731196.38	4055031.50	64.24	64.24
DISCCART	731196.38	4055056.50	64.24	64.24
DISCCART	731196.38	4055081.50	64.24	64.24
DISCCART	731196.38	4055106.50	64.24	64.24
DISCCART	731196.38	4055131.50	64.24	64.24
DISCCART	731196.38	4055156.50	64.25	64.25
DISCCART	731196.38	4055181.50	64.24	64.24
DISCCART	731196.38	4055206.50	64.25	64.25

DISCCART	731196.38	4055231.50	64.32	64.32
DISCCART	731196.38	4055256.50	64.34	64.34
DISCCART	731196.38	4055281.50	64.34	64.34
DISCCART	731196.38	4055306.50	64.38	64.38
DISCCART	731196.38	4055331.50	64.44	64.44
DISCCART	731221.38	4052331.50	69.54	69.54
DISCCART	731221.38	4052356.50	69.45	69.45
DISCCART	731221.38	4052381.50	69.34	69.34
DISCCART	731221.38	4052406.50	69.24	69.24
DISCCART	731221.38	4052431.50	69.14	69.14
DISCCART	731221.38	4052456.50	69.04	69.04
DISCCART	731221.38	4052481.50	69.00	69.00
DISCCART	731221.38	4052506.50	68.92	68.92
DISCCART	731221.38	4052531.50	68.84	68.84
DISCCART	731221.38	4052556.50	68.73	68.73
DISCCART	731221.38	4052581.50	68.64	68.64
DISCCART	731221.38	4052606.50	68.55	68.55
DISCCART	731221.38	4052631.50	68.45	68.45
DISCCART	731221.38	4052656.50	68.37	68.37
DISCCART	731221.38	4052681.50	68.30	68.30
DISCCART	731221.38	4052706.50	68.20	68.20
DISCCART	731221.38	4052731.50	68.14	68.14
DISCCART	731221.38	4052756.50	68.04	68.04
DISCCART	731221.38	4052781.50	67.94	67.94
DISCCART	731221.38	4052806.50	67.84	67.84
DISCCART	731221.38	4052831.50	67.80	67.80
DISCCART	731221.38	4052856.50	67.73	67.73
DISCCART	731221.38	4052881.50	67.64	67.64
DISCCART	731221.38	4052906.50	67.55	67.55
DISCCART	731221.38	4052931.50	67.46	67.46
DISCCART	731221.38	4052956.50	67.41	67.41
DISCCART	731221.38	4052981.50	67.34	67.34
DISCCART	731221.38	4053006.50	67.25	67.25
DISCCART	731221.38	4053031.50	67.15	67.15
DISCCART	731221.38	4053056.50	67.10	67.10
DISCCART	731221.38	4053081.50	67.04	67.04
DISCCART	731221.38	4053106.50	66.94	66.94
DISCCART	731221.38	4053131.50	66.85	66.85
DISCCART	731221.38	4053156.50	66.83	66.83
DISCCART	731221.38	4053181.50	66.74	66.74
DISCCART	731221.38	4053206.50	66.64	66.64
DISCCART	731221.38	4053231.50	66.60	66.60
DISCCART	731221.38	4053256.50	66.54	66.54
DISCCART	731221.38	4053281.50	66.45	66.45
DISCCART	731221.38	4053306.50	66.43	66.43
DISCCART	731221.38	4053331.50	66.34	66.34
DISCCART	731221.38	4053356.50	66.34	66.34
DISCCART	731221.38	4053381.50	66.30	66.30
DISCCART	731221.38	4053406.50	66.24	66.24
DISCCART	731221.38	4053431.50	66.24	66.24
DISCCART	731221.38	4053456.50	66.15	66.15
DISCCART	731221.38	4053481.50	66.14	66.14
DISCCART	731221.38	4053506.50	66.13	66.13
DISCCART	731221.38	4053531.50	66.04	66.04
DISCCART	731221.38	4053556.50	66.04	66.04
DISCCART	731221.38	4053581.50	65.96	65.96
DISCCART	731221.38	4053606.50	65.94	65.94
DISCCART	731221.38	4053631.50	65.88	65.88
DISCCART	731221.38	4053656.50	65.84	65.84
DISCCART	731221.38	4053681.50	65.81	65.81
DISCCART	731221.38	4053706.50	65.74	65.74
DISCCART	731221.38	4053731.50	65.66	65.66
DISCCART	731221.38	4053756.50	65.60	65.60
DISCCART	731221.38	4053781.50	65.54	65.54
DISCCART	731221.38	4053956.50	65.04	65.04
DISCCART	731221.38	4053981.50	64.94	64.94
DISCCART	731221.38	4054006.50	64.85	64.85
DISCCART	731221.38	4054031.50	64.84	64.84
DISCCART	731221.38	4054056.50	64.93	64.93
DISCCART	731221.38	4054781.50	64.64	64.64
DISCCART	731221.38	4054806.50	64.64	64.64
DISCCART	731221.38	4054831.50	64.64	64.64
DISCCART	731221.38	4054856.50	64.64	64.64
DISCCART	731221.38	4054881.50	64.55	64.55
DISCCART	731221.38	4054906.50	64.54	64.54
DISCCART	731221.38	4054931.50	64.47	64.47
DISCCART	731221.38	4054956.50	64.43	64.43
DISCCART	731221.38	4054981.50	64.34	64.34
DISCCART	731221.38	4055006.50	64.24	64.24
DISCCART	731221.38	4055031.50	64.24	64.24
DISCCART	731221.38	4055056.50	64.24	64.24
DISCCART	731221.38	4055081.50	64.24	64.24
DISCCART	731221.38	4055106.50	64.24	64.24
DISCCART	731221.38	4055131.50	64.21	64.21
DISCCART	731221.38	4055156.50	64.24	64.24
DISCCART	731221.38	4055181.50	64.24	64.24
DISCCART	731221.38	4055206.50	64.24	64.24
DISCCART	731221.38	4055231.50	64.25	64.25
DISCCART	731221.38	4055256.50	64.34	64.34
DISCCART	731221.38	4055281.50	64.34	64.34
DISCCART	731221.38	4055306.50	64.34	64.34
DISCCART	731221.38	4055331.50	64.34	64.34
DISCCART	731246.38	4052331.50	69.54	69.54
DISCCART	731246.38	4052356.50	69.41	69.41
DISCCART	731246.38	4052381.50	69.33	69.33
DISCCART	731246.38	4052406.50	69.22	69.22
DISCCART	731246.38	4052431.50	69.13	69.13
DISCCART	731246.38	4052456.50	69.04	69.04
DISCCART	731246.38	4052481.50	68.93	68.93
DISCCART	731246.38	4052506.50	68.84	68.84
DISCCART	731246.38	4052531.50	68.77	68.77
DISCCART	731246.38	4052556.50	68.65	68.65
DISCCART	731246.38	4052581.50	68.58	68.58
DISCCART	731246.38	4052606.50	68.51	68.51
DISCCART	731246.38	4052631.50	68.44	68.44
DISCCART	731246.38	4052656.50	68.34	68.34
DISCCART	731246.38	4052681.50	68.24	68.24
DISCCART	731246.38	4052706.50	68.15	68.15
DISCCART	731246.38	4052731.50	68.06	68.06
DISCCART	731246.38	4052756.50	67.95	67.95
DISCCART	731246.38	4052781.50	67.88	67.88
DISCCART	731246.38	4052806.50	67.84	67.84
DISCCART	731246.38	4052831.50	67.74	67.74
DISCCART	731246.38	4052856.50	67.64	67.64
DISCCART	731246.38	4052881.50	67.58	67.58
DISCCART	731246.38	4052906.50	67.50	67.50
DISCCART	731246.38	4052931.50	67.43	67.43
DISCCART	731246.38	4052956.50	67.34	67.34
DISCCART	731246.38	4052981.50	67.27	67.27
DISCCART	731246.38	4053006.50	67.20	67.20
DISCCART	731246.38	4053031.50	67.13	67.13
DISCCART	731246.38	4053056.50	67.04	67.04
DISCCART	731246.38	4053081.50	66.94	66.94
DISCCART	731246.38	4053106.50	66.90	66.90

DISCCART	731246.38	4053131.50	66.82	66.82
DISCCART	731246.38	4053156.50	66.74	66.74
DISCCART	731246.38	4053181.50	66.68	66.68
DISCCART	731246.38	4053956.50	65.02	65.02
DISCCART	731246.38	4053981.50	64.94	64.94
DISCCART	731246.38	4054006.50	64.85	64.85
DISCCART	731246.38	4054031.50	64.84	64.84
DISCCART	731246.38	4054056.50	64.93	64.93
DISCCART	731246.38	4054781.50	64.54	64.54
DISCCART	731246.38	4054806.50	64.54	64.54
DISCCART	731246.38	4054831.50	64.54	64.54
DISCCART	731246.38	4054856.50	64.53	64.53
DISCCART	731246.38	4054881.50	64.45	64.45
DISCCART	731246.38	4054906.50	64.50	64.50
DISCCART	731246.38	4054931.50	64.45	64.45
DISCCART	731246.38	4054956.50	64.43	64.43
DISCCART	731246.38	4054981.50	64.32	64.32
DISCCART	731246.38	4055006.50	64.22	64.22
DISCCART	731246.38	4055031.50	64.23	64.23
DISCCART	731246.38	4055056.50	64.24	64.24
DISCCART	731246.38	4055081.50	64.22	64.22
DISCCART	731246.38	4055106.50	64.16	64.16
DISCCART	731246.38	4055131.50	64.14	64.14
DISCCART	731246.38	4055156.50	64.14	64.14
DISCCART	731246.38	4055181.50	64.22	64.22
DISCCART	731246.38	4055206.50	64.24	64.24
DISCCART	731246.38	4055231.50	64.24	64.24
DISCCART	731246.38	4055256.50	64.25	64.25
DISCCART	731246.38	4055281.50	64.31	64.31
DISCCART	731246.38	4055306.50	64.35	64.35
DISCCART	731246.38	4055331.50	64.33	64.33
DISCCART	731271.38	4052331.50	69.46	69.46
DISCCART	731271.38	4052356.50	69.37	69.37
DISCCART	731271.38	4052381.50	69.27	69.27
DISCCART	731271.38	4052406.50	69.22	69.22
DISCCART	731271.38	4052431.50	69.08	69.08
DISCCART	731271.38	4052456.50	69.02	69.02
DISCCART	731271.38	4052481.50	68.91	68.91
DISCCART	731271.38	4052506.50	68.84	68.84
DISCCART	731271.38	4052531.50	68.68	68.68
DISCCART	731271.38	4052556.50	68.62	68.62
DISCCART	731271.38	4052581.50	68.54	68.54
DISCCART	731271.38	4052606.50	68.45	68.45
DISCCART	731271.38	4052631.50	68.35	68.35
DISCCART	731271.38	4052656.50	68.27	68.27
DISCCART	731271.38	4052681.50	68.20	68.20
DISCCART	731271.38	4052706.50	68.11	68.11
DISCCART	731271.38	4052731.50	68.04	68.04
DISCCART	731271.38	4052756.50	67.94	67.94
DISCCART	731271.38	4052781.50	67.84	67.84
DISCCART	731271.38	4052806.50	67.74	67.74
DISCCART	731271.38	4053981.50	64.94	64.94
DISCCART	731271.38	4054006.50	64.86	64.86
DISCCART	731271.38	4054031.50	64.84	64.84
DISCCART	731271.38	4054056.50	64.84	64.84
DISCCART	731271.38	4054781.50	64.44	64.44
DISCCART	731271.38	4054806.50	64.44	64.44
DISCCART	731271.38	4054831.50	64.44	64.44
DISCCART	731271.38	4054856.50	64.44	64.44
DISCCART	731271.38	4054881.50	64.34	64.34
DISCCART	731271.38	4054906.50	64.42	64.42
DISCCART	731271.38	4054931.50	64.39	64.39
DISCCART	731271.38	4054956.50	64.34	64.34
DISCCART	731271.38	4054981.50	64.25	64.25
DISCCART	731271.38	4055006.50	64.19	64.19
DISCCART	731271.38	4055031.50	64.14	64.14
DISCCART	731271.38	4055056.50	64.14	64.14
DISCCART	731271.38	4055081.50	64.11	64.11
DISCCART	731271.38	4055106.50	64.10	64.10
DISCCART	731271.38	4055131.50	64.14	64.14
DISCCART	731271.38	4055156.50	64.14	64.14
DISCCART	731271.38	4055181.50	64.17	64.17
DISCCART	731271.38	4055206.50	64.23	64.23
DISCCART	731271.38	4055231.50	64.24	64.24
DISCCART	731271.38	4055256.50	64.24	64.24
DISCCART	731271.38	4055281.50	64.24	64.24
DISCCART	731271.38	4055306.50	64.24	64.24
DISCCART	731271.38	4055331.50	64.24	64.24
DISCCART	731296.38	4052331.50	69.47	69.47
DISCCART	731296.38	4052356.50	69.34	69.34
DISCCART	731296.38	4052381.50	69.24	69.24
DISCCART	731296.38	4052406.50	69.14	69.14
DISCCART	731296.38	4052431.50	69.04	69.04
DISCCART	731296.38	4052456.50	68.95	68.95
DISCCART	731296.38	4052481.50	68.89	68.89
DISCCART	731296.38	4052506.50	68.75	68.75
DISCCART	731296.38	4052531.50	68.65	68.65
DISCCART	731296.38	4052556.50	68.59	68.59
DISCCART	731296.38	4052581.50	68.47	68.47
DISCCART	731296.38	4052606.50	68.40	68.40
DISCCART	731296.38	4052631.50	68.34	68.34
DISCCART	731296.38	4052656.50	68.24	68.24
DISCCART	731296.38	4052681.50	68.14	68.14
DISCCART	731296.38	4052706.50	68.04	68.04
DISCCART	731296.38	4052731.50	67.97	67.97
DISCCART	731296.38	4052756.50	67.85	67.85
DISCCART	731296.38	4052781.50	67.79	67.79
DISCCART	731296.38	4052806.50	67.73	67.73
DISCCART	731296.38	4053981.50	64.94	64.94
DISCCART	731296.38	4054006.50	64.86	64.86
DISCCART	731296.38	4054031.50	64.83	64.83
DISCCART	731296.38	4054056.50	64.83	64.83
DISCCART	731296.38	4054781.50	64.33	64.33
DISCCART	731296.38	4054806.50	64.35	64.35
DISCCART	731296.38	4054831.50	64.35	64.35
DISCCART	731296.38	4054856.50	64.33	64.33
DISCCART	731296.38	4054881.50	64.22	64.22
DISCCART	731296.38	4054906.50	64.32	64.32
DISCCART	731296.38	4054931.50	64.28	64.28
DISCCART	731296.38	4054956.50	64.24	64.24
DISCCART	731296.38	4054981.50	64.16	64.16
DISCCART	731296.38	4055006.50	64.16	64.16
DISCCART	731296.38	4055031.50	64.15	64.15
DISCCART	731296.38	4055056.50	64.10	64.10
DISCCART	731296.38	4055081.50	64.04	64.04
DISCCART	731296.38	4055106.50	64.05	64.05
DISCCART	731296.38	4055131.50	64.14	64.14
DISCCART	731296.38	4055156.50	64.14	64.14
DISCCART	731296.38	4055181.50	64.14	64.14
DISCCART	731296.38	4055206.50	64.14	64.14
DISCCART	731296.38	4055231.50	64.16	64.16
DISCCART	731296.38	4055256.50	64.16	64.16
DISCCART	731296.38	4055281.50	64.14	64.14
DISCCART	731296.38	4055306.50	64.16	64.16

DISCCART	731296.38	4055331.50	64.20	64.20
DISCCART	731321.38	4052331.50	69.44	69.44
DISCCART	731321.38	4052356.50	69.34	69.34
DISCCART	731321.38	4052381.50	69.24	69.24
DISCCART	731321.38	4052406.50	69.12	69.12
DISCCART	731321.38	4052431.50	69.03	69.03
DISCCART	731321.38	4052456.50	68.94	68.94
DISCCART	731321.38	4052481.50	68.84	68.84
DISCCART	731321.38	4052506.50	68.66	68.66
DISCCART	731321.38	4052531.50	68.61	68.61
DISCCART	731321.38	4052556.50	68.55	68.55
DISCCART	731321.38	4052581.50	68.45	68.45
DISCCART	731321.38	4052606.50	68.35	68.35
DISCCART	731321.38	4052631.50	68.26	68.26
DISCCART	731321.38	4052656.50	68.17	68.17
DISCCART	731321.38	4052681.50	68.10	68.10
DISCCART	731321.38	4052706.50	68.03	68.03
DISCCART	731321.38	4052731.50	67.94	67.94
DISCCART	731321.38	4052756.50	67.84	67.84
DISCCART	731321.38	4052781.50	67.74	67.74
DISCCART	731321.38	4052806.50	67.65	67.65
DISCCART	731321.38	4052831.50	64.93	64.93
DISCCART	731321.38	4054006.50	64.84	64.84
DISCCART	731321.38	4054031.50	64.77	64.77
DISCCART	731321.38	4054056.50	64.74	64.74
DISCCART	731321.38	4054781.50	64.20	64.20
DISCCART	731321.38	4054806.50	64.24	64.24
DISCCART	731321.38	4054831.50	64.24	64.24
DISCCART	731321.38	4054856.50	64.19	64.19
DISCCART	731321.38	4054881.50	64.14	64.14
DISCCART	731321.38	4054906.50	64.19	64.19
DISCCART	731321.38	4054931.50	64.19	64.19
DISCCART	731321.38	4054956.50	64.03	64.03
DISCCART	731321.38	4054981.50	64.05	64.05
DISCCART	731321.38	4055006.50	64.14	64.14
DISCCART	731321.38	4055031.50	64.10	64.10
DISCCART	731321.38	4055056.50	64.04	64.04
DISCCART	731321.38	4055081.50	64.04	64.04
DISCCART	731321.38	4055106.50	64.04	64.04
DISCCART	731321.38	4055131.50	64.04	64.04
DISCCART	731321.38	4055156.50	64.08	64.08
DISCCART	731321.38	4055181.50	64.09	64.09
DISCCART	731321.38	4055206.50	64.07	64.07
DISCCART	731321.38	4055231.50	64.04	64.04
DISCCART	731321.38	4055256.50	64.09	64.09
DISCCART	731321.38	4055281.50	64.14	64.14
DISCCART	731321.38	4055306.50	64.14	64.14
DISCCART	731321.38	4055331.50	64.14	64.14
DISCCART	731346.38	4052331.50	69.38	69.38
DISCCART	731346.38	4052356.50	69.25	69.25
DISCCART	731346.38	4052381.50	69.18	69.18
DISCCART	731346.38	4052406.50	69.12	69.12
DISCCART	731346.38	4052431.50	68.94	68.94
DISCCART	731346.38	4052456.50	68.90	68.90
DISCCART	731346.38	4052481.50	68.80	68.80
DISCCART	731346.38	4052506.50	68.64	68.64
DISCCART	731346.38	4052531.50	68.55	68.55
DISCCART	731346.38	4052556.50	68.50	68.50
DISCCART	731346.38	4052581.50	68.44	68.44
DISCCART	731346.38	4052606.50	68.34	68.34
DISCCART	731346.38	4052631.50	68.24	68.24
DISCCART	731346.38	4052656.50	68.14	68.14
DISCCART	731346.38	4052681.50	68.04	68.04
DISCCART	731346.38	4052706.50	67.94	67.94
DISCCART	731346.38	4052731.50	67.87	67.87
DISCCART	731346.38	4052756.50	67.81	67.81
DISCCART	731346.38	4052781.50	67.69	67.69
DISCCART	731346.38	4052806.50	67.62	67.62
DISCCART	731346.38	4052831.50	64.93	64.93
DISCCART	731346.38	4054006.50	64.84	64.84
DISCCART	731346.38	4054031.50	64.74	64.74
DISCCART	731346.38	4054056.50	64.70	64.70
DISCCART	731346.38	4054781.50	64.13	64.13
DISCCART	731346.38	4054806.50	64.08	64.08
DISCCART	731346.38	4054831.50	64.15	64.15
DISCCART	731346.38	4054856.50	64.05	64.05
DISCCART	731346.38	4054881.50	64.02	64.02
DISCCART	731346.38	4054906.50	64.12	64.12
DISCCART	731346.38	4054931.50	64.10	64.10
DISCCART	731346.38	4054956.50	63.94	63.94
DISCCART	731346.38	4054981.50	64.00	64.00
DISCCART	731346.38	4055006.50	64.00	64.00
DISCCART	731346.38	4055031.50	63.96	63.96
DISCCART	731346.38	4055056.50	64.02	64.02
DISCCART	731346.38	4055081.50	64.04	64.04
DISCCART	731346.38	4055106.50	64.04	64.04
DISCCART	731346.38	4055131.50	64.03	64.03
DISCCART	731346.38	4055156.50	63.97	63.97
DISCCART	731346.38	4055181.50	64.02	64.02
DISCCART	731346.38	4055206.50	64.03	64.03
DISCCART	731346.38	4055231.50	64.04	64.04
DISCCART	731346.38	4055256.50	64.04	64.04
DISCCART	731346.38	4055281.50	64.04	64.04
DISCCART	731346.38	4055306.50	64.06	64.06
DISCCART	731346.38	4055331.50	64.12	64.12
DISCCART	731371.38	4052331.50	69.35	69.35
DISCCART	731371.38	4052356.50	69.22	69.22
DISCCART	731371.38	4052381.50	69.16	69.16
DISCCART	731371.38	4052406.50	69.01	69.01
DISCCART	731371.38	4052431.50	68.89	68.89
DISCCART	731371.38	4052456.50	68.86	68.86
DISCCART	731371.38	4052481.50	68.67	68.67
DISCCART	731371.38	4052506.50	68.62	68.62
DISCCART	731371.38	4052531.50	68.54	68.54
DISCCART	731371.38	4052556.50	68.44	68.44
DISCCART	731371.38	4052581.50	68.35	68.35
DISCCART	731371.38	4052606.50	68.27	68.27
DISCCART	731371.38	4052631.50	68.20	68.20
DISCCART	731371.38	4052656.50	68.12	68.12
DISCCART	731371.38	4052681.50	68.00	68.00
DISCCART	731371.38	4052706.50	67.93	67.93
DISCCART	731371.38	4052731.50	67.83	67.83
DISCCART	731371.38	4052756.50	67.74	67.74
DISCCART	731371.38	4052781.50	67.64	67.64
DISCCART	731371.38	4052806.50	67.55	67.55
DISCCART	731371.38	4052831.50	64.94	64.94
DISCCART	731371.38	4054006.50	64.84	64.84
DISCCART	731371.38	4054031.50	64.74	64.74
DISCCART	731371.38	4054056.50	64.65	64.65
DISCCART	731371.38	4054781.50	64.04	64.04
DISCCART	731371.38	4054806.50	63.94	63.94
DISCCART	731371.38	4054831.50	64.02	64.02
DISCCART	731371.38	4054856.50	63.99	63.99
DISCCART	731371.38	4054881.50	63.88	63.88

DISCCART	731371.38	4054906.50	63.99	63.99
DISCCART	731371.38	4054931.50	63.84	63.84
DISCCART	731371.38	4054956.50	63.87	63.87
DISCCART	731371.38	4054981.50	63.90	63.90
DISCCART	731371.38	4055006.50	63.86	63.86
DISCCART	731371.38	4055031.50	63.94	63.94
DISCCART	731371.38	4055056.50	63.94	63.94
DISCCART	731371.38	4055081.50	63.94	63.94
DISCCART	731371.38	4055106.50	63.94	63.94
DISCCART	731371.38	4055131.50	63.94	63.94
DISCCART	731371.38	4055156.50	63.94	63.94
DISCCART	731371.38	4055181.50	63.94	63.94
DISCCART	731371.38	4055206.50	63.94	63.94
DISCCART	731371.38	4055231.50	63.97	63.97
DISCCART	731371.38	4055256.50	64.00	64.00
DISCCART	731371.38	4055281.50	64.04	64.04
DISCCART	731371.38	4055306.50	64.04	64.04
DISCCART	731371.38	4055331.50	64.04	64.04
DISCCART	731396.38	4052331.50	69.28	69.28
DISCCART	731396.38	4052356.50	69.15	69.15
DISCCART	731396.38	4052381.50	69.04	69.04
DISCCART	731396.38	4052406.50	68.96	68.96
DISCCART	731396.38	4052431.50	68.80	68.80
DISCCART	731396.38	4052456.50	68.77	68.77
DISCCART	731396.38	4052481.50	68.55	68.55
DISCCART	731396.38	4052506.50	68.54	68.54
DISCCART	731396.38	4052531.50	68.48	68.48
DISCCART	731396.38	4052556.50	68.41	68.41
DISCCART	731396.38	4052581.50	68.34	68.34
DISCCART	731396.38	4052606.50	68.24	68.24
DISCCART	731396.38	4052631.50	68.14	68.14
DISCCART	731396.38	4052656.50	68.04	68.04
DISCCART	731396.38	4052681.50	67.94	67.94
DISCCART	731396.38	4052706.50	67.84	67.84
DISCCART	731396.38	4052731.50	67.78	67.78
DISCCART	731396.38	4052756.50	67.70	67.70
DISCCART	731396.38	4052781.50	67.62	67.62
DISCCART	731396.38	4052806.50	67.51	67.51
DISCCART	731396.38	4053981.50	64.94	64.94
DISCCART	731396.38	4054006.50	64.84	64.84
DISCCART	731396.38	4054031.50	64.74	64.74
DISCCART	731396.38	4054056.50	64.65	64.65
DISCCART	731396.38	4054781.50	63.85	63.85
DISCCART	731396.38	4054806.50	63.91	63.91
DISCCART	731396.38	4054831.50	63.83	63.83
DISCCART	731396.38	4054856.50	63.85	63.85
DISCCART	731396.38	4054881.50	63.66	63.66
DISCCART	731396.38	4054906.50	63.76	63.76
DISCCART	731396.38	4054931.50	63.70	63.70
DISCCART	731396.38	4054956.50	63.79	63.79
DISCCART	731396.38	4054981.50	63.76	63.76
DISCCART	731396.38	4055006.50	63.84	63.84
DISCCART	731396.38	4055031.50	63.83	63.83
DISCCART	731396.38	4055056.50	63.85	63.85
DISCCART	731396.38	4055081.50	63.84	63.84
DISCCART	731396.38	4055106.50	63.85	63.85
DISCCART	731396.38	4055131.50	63.93	63.93
DISCCART	731396.38	4055156.50	63.92	63.92
DISCCART	731396.38	4055181.50	63.94	63.94
DISCCART	731396.38	4055206.50	63.94	63.94
DISCCART	731396.38	4055231.50	63.94	63.94
DISCCART	731396.38	4055256.50	63.94	63.94
DISCCART	731396.38	4055281.50	63.95	63.95
DISCCART	731396.38	4055306.50	63.97	63.97
DISCCART	731396.38	4055331.50	64.02	64.02
DISCCART	731421.38	4052331.50	69.20	69.20
DISCCART	731421.38	4052356.50	69.03	69.03
DISCCART	731421.38	4052381.50	68.94	68.94
DISCCART	731421.38	4052406.50	68.82	68.82
DISCCART	731421.38	4052431.50	68.61	68.61
DISCCART	731421.38	4052456.50	68.53	68.53
DISCCART	731421.38	4052481.50	68.54	68.54
DISCCART	731421.38	4052506.50	68.54	68.54
DISCCART	731421.38	4052531.50	68.44	68.44
DISCCART	731421.38	4052556.50	68.35	68.35
DISCCART	731421.38	4052581.50	68.27	68.27
DISCCART	731421.38	4052606.50	68.17	68.17
DISCCART	731421.38	4052631.50	68.10	68.10
DISCCART	731421.38	4052656.50	68.03	68.03
DISCCART	731421.38	4052681.50	67.93	67.93
DISCCART	731421.38	4052706.50	67.83	67.83
DISCCART	731421.38	4052731.50	67.74	67.74
DISCCART	731421.38	4052756.50	67.65	67.65
DISCCART	731421.38	4052781.50	67.54	67.54
DISCCART	731421.38	4052806.50	67.46	67.46
DISCCART	731421.38	4053981.50	64.94	64.94
DISCCART	731421.38	4054006.50	64.84	64.84
DISCCART	731421.38	4054031.50	64.74	64.74
DISCCART	731421.38	4054056.50	64.64	64.64
DISCCART	731421.38	4054781.50	63.80	63.80
DISCCART	731421.38	4054806.50	63.74	63.74
DISCCART	731421.38	4054831.50	63.70	63.70
DISCCART	731421.38	4054856.50	63.69	63.69
DISCCART	731421.38	4054881.50	63.57	63.57
DISCCART	731421.38	4054906.50	63.58	63.58
DISCCART	731421.38	4054931.50	63.64	63.64
DISCCART	731421.38	4054956.50	63.64	63.64
DISCCART	731421.38	4054981.50	63.73	63.73
DISCCART	731421.38	4055006.50	63.73	63.73
DISCCART	731421.38	4055031.50	63.74	63.74
DISCCART	731421.38	4055056.50	63.77	63.77
DISCCART	731421.38	4055081.50	63.84	63.84
DISCCART	731421.38	4055106.50	63.84	63.84
DISCCART	731421.38	4055131.50	63.84	63.84
DISCCART	731421.38	4055156.50	63.84	63.84
DISCCART	731421.38	4055181.50	63.84	63.84
DISCCART	731421.38	4055206.50	63.89	63.89
DISCCART	731421.38	4055231.50	63.94	63.94
DISCCART	731421.38	4055256.50	63.94	63.94
DISCCART	731421.38	4055281.50	63.94	63.94
DISCCART	731421.38	4055306.50	63.94	63.94
DISCCART	731421.38	4055331.50	63.94	63.94
DISCCART	731446.38	4052331.50	69.07	69.07
DISCCART	731446.38	4052356.50	68.93	68.93
DISCCART	731446.38	4052381.50	68.66	68.66
DISCCART	731446.38	4052406.50	68.40	68.40
DISCCART	731446.38	4052431.50	68.29	68.29
DISCCART	731446.38	4052456.50	68.39	68.39
DISCCART	731446.38	4052481.50	68.51	68.51
DISCCART	731446.38	4052506.50	68.45	68.45
DISCCART	731446.38	4052531.50	68.43	68.43
DISCCART	731446.38	4052556.50	68.34	68.34
DISCCART	731446.38	4052581.50	68.24	68.24
DISCCART	731446.38	4052606.50	68.14	68.14

DISCCART	731446.38	4052631.50	68.04	68.04
DISCCART	731446.38	4052656.50	67.95	67.95
DISCCART	731446.38	4052681.50	67.88	67.88
DISCCART	731446.38	4052706.50	67.76	67.76
DISCCART	731446.38	4052731.50	67.69	67.69
DISCCART	731446.38	4052756.50	67.59	67.59
DISCCART	731446.38	4052781.50	67.49	67.49
DISCCART	731446.38	4052806.50	67.41	67.41
DISCCART	731446.38	4053981.50	64.94	64.94
DISCCART	731446.38	4054006.50	64.84	64.84
DISCCART	731446.38	4054031.50	64.74	64.74
DISCCART	731446.38	4054056.50	64.64	64.64
DISCCART	731446.38	4054781.50	63.67	63.67
DISCCART	731446.38	4054806.50	63.64	63.64
DISCCART	731446.38	4054831.50	63.58	63.58
DISCCART	731446.38	4054856.50	63.53	63.53
DISCCART	731446.38	4054881.50	63.45	63.45
DISCCART	731446.38	4054906.50	63.50	63.50
DISCCART	731446.38	4054931.50	63.55	63.55
DISCCART	731446.38	4054956.50	63.59	63.59
DISCCART	731446.38	4054981.50	63.64	63.64
DISCCART	731446.38	4055006.50	63.68	63.68
DISCCART	731446.38	4055031.50	63.74	63.74
DISCCART	731446.38	4055056.50	63.74	63.74
DISCCART	731446.38	4055081.50	63.74	63.74
DISCCART	731446.38	4055106.50	63.75	63.75
DISCCART	731446.38	4055131.50	63.75	63.75
DISCCART	731446.38	4055156.50	63.83	63.83
DISCCART	731446.38	4055181.50	63.84	63.84
DISCCART	731446.38	4055206.50	63.84	63.84
DISCCART	731446.38	4055231.50	63.84	63.84
DISCCART	731446.38	4055256.50	63.86	63.86
DISCCART	731446.38	4055281.50	63.86	63.86
DISCCART	731446.38	4055306.50	63.92	63.92
DISCCART	731446.38	4055331.50	63.92	63.92
DISCCART	731471.38	4052331.50	69.08	69.08
DISCCART	731471.38	4052356.50	68.80	68.80
DISCCART	731471.38	4052381.50	68.43	68.43
DISCCART	731471.38	4052406.50	68.06	68.06
DISCCART	731471.38	4052431.50	67.98	67.98
DISCCART	731471.38	4052456.50	68.22	68.22
DISCCART	731471.38	4052481.50	68.43	68.43
DISCCART	731471.38	4052506.50	68.44	68.44
DISCCART	731471.38	4052531.50	68.35	68.35
DISCCART	731471.38	4052556.50	68.27	68.27
DISCCART	731471.38	4052581.50	68.18	68.18
DISCCART	731471.38	4052606.50	68.13	68.13
DISCCART	731471.38	4052631.50	68.00	68.00
DISCCART	731471.38	4052656.50	67.93	67.93
DISCCART	731471.38	4052681.50	67.83	67.83
DISCCART	731471.38	4052706.50	67.73	67.73
DISCCART	731471.38	4052731.50	67.64	67.64
DISCCART	731471.38	4052756.50	67.55	67.55
DISCCART	731471.38	4052781.50	67.44	67.44
DISCCART	731471.38	4052806.50	67.36	67.36
DISCCART	731471.38	4053981.50	64.94	64.94
DISCCART	731471.38	4054006.50	64.84	64.84
DISCCART	731471.38	4054031.50	64.74	64.74
DISCCART	731471.38	4054056.50	64.64	64.64
DISCCART	731471.38	4054781.50	63.64	63.64
DISCCART	731471.38	4054806.50	63.57	63.57
DISCCART	731471.38	4054831.50	63.48	63.48
DISCCART	731471.38	4054856.50	63.43	63.43
DISCCART	731471.38	4054881.50	63.34	63.34
DISCCART	731471.38	4054906.50	63.43	63.43
DISCCART	731471.38	4054931.50	63.50	63.50
DISCCART	731471.38	4054956.50	63.54	63.54
DISCCART	731471.38	4054981.50	63.64	63.64
DISCCART	731471.38	4055006.50	63.64	63.64
DISCCART	731471.38	4055031.50	63.67	63.67
DISCCART	731471.38	4055056.50	63.70	63.70
DISCCART	731471.38	4055081.50	63.74	63.74
DISCCART	731471.38	4055106.50	63.74	63.74
DISCCART	731471.38	4055131.50	63.74	63.74
DISCCART	731471.38	4055156.50	63.74	63.74
DISCCART	731471.38	4055181.50	63.74	63.74
DISCCART	731471.38	4055206.50	63.79	63.79
DISCCART	731471.38	4055231.50	63.82	63.82
DISCCART	731471.38	4055256.50	63.84	63.84
DISCCART	731471.38	4055281.50	63.84	63.84
DISCCART	731471.38	4055306.50	63.84	63.84
DISCCART	731471.38	4055331.50	63.84	63.84
DISCCART	731496.38	4052331.50	68.92	68.92
DISCCART	731496.38	4052356.50	68.63	68.63
DISCCART	731496.38	4052381.50	68.30	68.30
DISCCART	731496.38	4052406.50	68.02	68.02
DISCCART	731496.38	4052431.50	67.94	67.94
DISCCART	731496.38	4052456.50	68.01	68.01
DISCCART	731496.38	4052481.50	68.33	68.33
DISCCART	731496.38	4052506.50	68.35	68.35
DISCCART	731496.38	4052531.50	68.34	68.34
DISCCART	731496.38	4052556.50	68.24	68.24
DISCCART	731496.38	4052581.50	68.14	68.14
DISCCART	731496.38	4052606.50	68.04	68.04
DISCCART	731496.38	4052631.50	67.94	67.94
DISCCART	731496.38	4052656.50	67.85	67.85
DISCCART	731496.38	4052681.50	67.78	67.78
DISCCART	731496.38	4052706.50	67.66	67.66
DISCCART	731496.38	4052731.50	67.58	67.58
DISCCART	731496.38	4052756.50	67.49	67.49
DISCCART	731496.38	4052781.50	67.38	67.38
DISCCART	731496.38	4052806.50	67.31	67.31
DISCCART	731496.38	4053981.50	64.94	64.94
DISCCART	731496.38	4054006.50	64.84	64.84
DISCCART	731496.38	4054031.50	64.74	64.74
DISCCART	731496.38	4054056.50	64.64	64.64
DISCCART	731496.38	4054806.50	63.54	63.54
DISCCART	731496.38	4054831.50	63.44	63.44
DISCCART	731496.38	4054856.50	63.35	63.35
DISCCART	731496.38	4054881.50	63.34	63.34
DISCCART	731496.38	4054906.50	63.38	63.38
DISCCART	731496.38	4054931.50	63.44	63.44
DISCCART	731496.38	4054956.50	63.53	63.53
DISCCART	731496.38	4054981.50	63.54	63.54
DISCCART	731496.38	4055006.50	63.62	63.62
DISCCART	731496.38	4055031.50	63.64	63.64
DISCCART	731496.38	4055056.50	63.64	63.64
DISCCART	731496.38	4055081.50	63.64	63.64
DISCCART	731496.38	4055106.50	63.64	63.64
DISCCART	731496.38	4055131.50	63.65	63.65
DISCCART	731496.38	4055156.50	63.73	63.73
DISCCART	731496.38	4055181.50	63.73	63.73
DISCCART	731496.38	4055206.50	63.74	63.74
DISCCART	731496.38	4055231.50	63.74	63.74

DISCCART	731496.38	4055256.50	63.74	63.74
DISCCART	731496.38	4055281.50	63.75	63.75
DISCCART	731496.38	4055306.50	63.75	63.75
DISCCART	731496.38	4055331.50	63.82	63.82
DISCCART	731521.38	4052331.50	68.87	68.87
DISCCART	731521.38	4052356.50	68.52	68.52
DISCCART	731521.38	4052381.50	68.27	68.27
DISCCART	731521.38	4052406.50	68.02	68.02
DISCCART	731521.38	4052431.50	67.94	67.94
DISCCART	731521.38	4052456.50	67.96	67.96
DISCCART	731521.38	4052481.50	68.21	68.21
DISCCART	731521.38	4052506.50	68.34	68.34
DISCCART	731521.38	4052531.50	68.28	68.28
DISCCART	731521.38	4052556.50	68.17	68.17
DISCCART	731521.38	4052581.50	68.08	68.08
DISCCART	731521.38	4052606.50	68.02	68.02
DISCCART	731521.38	4052631.50	67.90	67.90
DISCCART	731521.38	4052656.50	67.83	67.83
DISCCART	731521.38	4052681.50	67.73	67.73
DISCCART	731521.38	4052706.50	67.62	67.62
DISCCART	731521.38	4052731.50	67.54	67.54
DISCCART	731521.38	4052756.50	67.45	67.45
DISCCART	731521.38	4052781.50	67.34	67.34
DISCCART	731521.38	4052806.50	67.25	67.25
DISCCART	731521.38	4053981.50	64.94	64.94
DISCCART	731521.38	4054006.50	64.84	64.84
DISCCART	731521.38	4054031.50	64.74	64.74
DISCCART	731521.38	4054056.50	64.64	64.64
DISCCART	731521.38	4054806.50	63.53	63.53
DISCCART	731521.38	4054831.50	63.44	63.44
DISCCART	731521.38	4054856.50	63.36	63.36
DISCCART	731521.38	4054881.50	63.34	63.34
DISCCART	731521.38	4054906.50	63.38	63.38
DISCCART	731521.38	4054931.50	63.44	63.44
DISCCART	731521.38	4054956.50	63.50	63.50
DISCCART	731521.38	4054981.50	63.54	63.54
DISCCART	731521.38	4055006.50	63.54	63.54
DISCCART	731521.38	4055031.50	63.54	63.54
DISCCART	731521.38	4055056.50	63.60	63.60
DISCCART	731521.38	4055081.50	63.64	63.64
DISCCART	731521.38	4055106.50	63.64	63.64
DISCCART	731521.38	4055131.50	63.64	63.64
DISCCART	731521.38	4055156.50	63.64	63.64
DISCCART	731521.38	4055181.50	63.64	63.64
DISCCART	731521.38	4055206.50	63.66	63.66
DISCCART	731521.38	4055231.50	63.69	63.69
DISCCART	731521.38	4055256.50	63.73	63.73
DISCCART	731521.38	4055281.50	63.74	63.74
DISCCART	731521.38	4055306.50	63.74	63.74
DISCCART	731521.38	4055331.50	63.74	63.74
DISCCART	731546.38	4052331.50	68.77	68.77
DISCCART	731546.38	4052356.50	68.52	68.52
DISCCART	731546.38	4052381.50	68.27	68.27
DISCCART	731546.38	4052406.50	68.02	68.02
DISCCART	731546.38	4052431.50	67.94	67.94
DISCCART	731546.38	4052456.50	67.94	67.94
DISCCART	731546.38	4052481.50	68.12	68.12
DISCCART	731546.38	4052506.50	68.31	68.31
DISCCART	731546.38	4052531.50	68.24	68.24
DISCCART	731546.38	4052556.50	68.14	68.14
DISCCART	731546.38	4052581.50	68.04	68.04
DISCCART	731546.38	4052606.50	67.95	67.95
DISCCART	731546.38	4052631.50	67.84	67.84
DISCCART	731546.38	4052656.50	67.75	67.75
DISCCART	731546.38	4052681.50	67.64	67.64
DISCCART	731546.38	4052706.50	67.56	67.56
DISCCART	731546.38	4052731.50	67.46	67.46
DISCCART	731546.38	4052756.50	67.36	67.36
DISCCART	731546.38	4052781.50	67.27	67.27
DISCCART	731546.38	4052806.50	67.20	67.20
DISCCART	731546.38	4053981.50	64.94	64.94
DISCCART	731546.38	4054006.50	64.84	64.84
DISCCART	731546.38	4054031.50	64.74	64.74
DISCCART	731546.38	4054056.50	64.65	64.65
DISCCART	731546.38	4054806.50	63.44	63.44
DISCCART	731546.38	4054831.50	63.43	63.43
DISCCART	731546.38	4054856.50	63.34	63.34
DISCCART	731546.38	4054881.50	63.34	63.34
DISCCART	731546.38	4054906.50	63.34	63.34
DISCCART	731546.38	4054931.50	63.44	63.44
DISCCART	731546.38	4054956.50	63.45	63.45
DISCCART	731546.38	4054981.50	63.51	63.51
DISCCART	731546.38	4055006.50	63.54	63.54
DISCCART	731546.38	4055031.50	63.54	63.54
DISCCART	731546.38	4055056.50	63.54	63.54
DISCCART	731546.38	4055081.50	63.54	63.54
DISCCART	731546.38	4055106.50	63.55	63.55
DISCCART	731546.38	4055131.50	63.59	63.59
DISCCART	731546.38	4055156.50	63.62	63.62
DISCCART	731546.38	4055181.50	63.64	63.64
DISCCART	731546.38	4055206.50	63.64	63.64
DISCCART	731546.38	4055231.50	63.64	63.64
DISCCART	731546.38	4055256.50	63.64	63.64
DISCCART	731546.38	4055281.50	63.64	63.64
DISCCART	731546.38	4055306.50	63.65	63.65
DISCCART	731546.38	4055331.50	63.72	63.72
DISCCART	731571.38	4052331.50	68.78	68.78
DISCCART	731571.38	4052356.50	68.49	68.49
DISCCART	731571.38	4052381.50	68.26	68.26
DISCCART	731571.38	4052406.50	68.02	68.02
DISCCART	731571.38	4052431.50	67.94	67.94
DISCCART	731571.38	4052456.50	67.94	67.94
DISCCART	731571.38	4052481.50	68.09	68.09
DISCCART	731571.38	4052506.50	68.24	68.24
DISCCART	731571.38	4052531.50	68.20	68.20
DISCCART	731571.38	4052556.50	68.12	68.12
DISCCART	731571.38	4052581.50	68.00	68.00
DISCCART	731571.38	4052606.50	67.91	67.91
DISCCART	731571.38	4052631.50	67.80	67.80
DISCCART	731571.38	4052656.50	67.70	67.70
DISCCART	731571.38	4052681.50	67.60	67.60
DISCCART	731571.38	4052706.50	67.52	67.52
DISCCART	731571.38	4052731.50	67.44	67.44
DISCCART	731571.38	4052756.50	67.32	67.32
DISCCART	731571.38	4052781.50	67.24	67.24
DISCCART	731571.38	4052806.50	67.13	67.13
DISCCART	731571.38	4052831.50	67.04	67.04
DISCCART	731571.38	4053981.50	64.93	64.93
DISCCART	731571.38	4054006.50	64.84	64.84
DISCCART	731571.38	4054031.50	64.74	64.74
DISCCART	731571.38	4054056.50	64.65	64.65
DISCCART	731571.38	4054806.50	63.39	63.39
DISCCART	731571.38	4054831.50	63.38	63.38
DISCCART	731571.38	4054856.50	63.34	63.34

DISCCART	731571.38	4054881.50	63.34	63.34
DISCCART	731571.38	4054906.50	63.34	63.34
DISCCART	731571.38	4054931.50	63.43	63.43
DISCCART	731571.38	4054956.50	63.44	63.44
DISCCART	731571.38	4054981.50	63.44	63.44
DISCCART	731571.38	4055006.50	63.44	63.44
DISCCART	731571.38	4055031.50	63.47	63.47
DISCCART	731571.38	4055056.50	63.49	63.49
DISCCART	731571.38	4055081.50	63.54	63.54
DISCCART	731571.38	4055106.50	63.54	63.54
DISCCART	731571.38	4055131.50	63.54	63.54
DISCCART	731571.38	4055156.50	63.54	63.54
DISCCART	731571.38	4055181.50	63.54	63.54
DISCCART	731571.38	4055206.50	63.54	63.54
DISCCART	731571.38	4055231.50	63.59	63.59
DISCCART	731571.38	4055256.50	63.58	63.58
DISCCART	731571.38	4055281.50	63.64	63.64
DISCCART	731571.38	4055306.50	63.64	63.64
DISCCART	731571.38	4055331.50	63.64	63.64
DISCCART	731596.38	4052331.50	68.67	68.67
DISCCART	731596.38	4052356.50	68.42	68.42
DISCCART	731596.38	4052381.50	68.23	68.23
DISCCART	731596.38	4052406.50	68.02	68.02
DISCCART	731596.38	4052431.50	67.94	67.94
DISCCART	731596.38	4052456.50	67.94	67.94
DISCCART	731596.38	4052481.50	67.97	67.97
DISCCART	731596.38	4052506.50	68.16	68.16
DISCCART	731596.38	4052531.50	68.14	68.14
DISCCART	731596.38	4052556.50	68.05	68.05
DISCCART	731596.38	4052581.50	67.98	67.98
DISCCART	731596.38	4052606.50	67.86	67.86
DISCCART	731596.38	4052631.50	67.74	67.74
DISCCART	731596.38	4052656.50	67.65	67.65
DISCCART	731596.38	4052681.50	67.54	67.54
DISCCART	731596.38	4052706.50	67.45	67.45
DISCCART	731596.38	4052731.50	67.34	67.34
DISCCART	731596.38	4052756.50	67.26	67.26
DISCCART	731596.38	4052781.50	67.16	67.16
DISCCART	731596.38	4052806.50	67.05	67.05
DISCCART	731596.38	4052831.50	66.98	66.98
DISCCART	731596.38	4053981.50	64.93	64.93
DISCCART	731596.38	4054006.50	64.84	64.84
DISCCART	731596.38	4054031.50	64.73	64.73
DISCCART	731596.38	4054056.50	64.64	64.64
DISCCART	731596.38	4054081.50	63.34	63.34
DISCCART	731596.38	4054831.50	63.34	63.34
DISCCART	731596.38	4054856.50	63.34	63.34
DISCCART	731596.38	4054881.50	63.34	63.34
DISCCART	731596.38	4054906.50	63.34	63.34
DISCCART	731596.38	4054931.50	63.34	63.34
DISCCART	731596.38	4054956.50	63.35	63.35
DISCCART	731596.38	4054981.50	63.36	63.36
DISCCART	731596.38	4055006.50	63.42	63.42
DISCCART	731596.38	4055031.50	63.44	63.44
DISCCART	731596.38	4055056.50	63.44	63.44
DISCCART	731596.38	4055081.50	63.44	63.44
DISCCART	731596.38	4055106.50	63.45	63.45
DISCCART	731596.38	4055131.50	63.46	63.46
DISCCART	731596.38	4055156.50	63.52	63.52
DISCCART	731596.38	4055181.50	63.52	63.52
DISCCART	731596.38	4055206.50	63.54	63.54
DISCCART	731596.38	4055231.50	63.54	63.54
DISCCART	731596.38	4055256.50	63.54	63.54
DISCCART	731596.38	4055281.50	63.54	63.54
DISCCART	731596.38	4055306.50	63.55	63.55
DISCCART	731596.38	4055331.50	63.62	63.62
DISCCART	731621.38	4052331.50	68.67	68.67
DISCCART	731621.38	4052356.50	68.42	68.42
DISCCART	731621.38	4052381.50	68.17	68.17
DISCCART	731621.38	4052406.50	68.02	68.02
DISCCART	731621.38	4052431.50	67.94	67.94
DISCCART	731621.38	4052456.50	67.94	67.94
DISCCART	731621.38	4052481.50	67.95	67.95
DISCCART	731621.38	4052506.50	68.14	68.14
DISCCART	731621.38	4052531.50	68.13	68.13
DISCCART	731621.38	4052556.50	68.02	68.02
DISCCART	731621.38	4052581.50	67.93	67.93
DISCCART	731621.38	4052606.50	67.82	67.82
DISCCART	731621.38	4052756.50	67.21	67.21
DISCCART	731621.38	4052781.50	67.10	67.10
DISCCART	731621.38	4052806.50	67.03	67.03
DISCCART	731621.38	4052831.50	66.94	66.94
DISCCART	731621.38	4053981.50	64.93	64.93
DISCCART	731621.38	4054006.50	64.84	64.84
DISCCART	731621.38	4054031.50	64.73	64.73
DISCCART	731621.38	4054056.50	64.60	64.60
DISCCART	731621.38	4054081.50	64.54	64.54
DISCCART	731621.38	4054806.50	63.27	63.27
DISCCART	731621.38	4054831.50	63.24	63.24
DISCCART	731621.38	4054856.50	63.24	63.24
DISCCART	731621.38	4054881.50	63.24	63.24
DISCCART	731621.38	4054906.50	63.28	63.28
DISCCART	731621.38	4054931.50	63.34	63.34
DISCCART	731621.38	4054956.50	63.34	63.34
DISCCART	731621.38	4054981.50	63.34	63.34
DISCCART	731621.38	4055006.50	63.34	63.34
DISCCART	731621.38	4055031.50	63.34	63.34
DISCCART	731621.38	4055056.50	63.39	63.39
DISCCART	731621.38	4055081.50	63.42	63.42
DISCCART	731621.38	4055106.50	63.44	63.44
DISCCART	731621.38	4055131.50	63.44	63.44
DISCCART	731621.38	4055156.50	63.44	63.44
DISCCART	731621.38	4055181.50	63.44	63.44
DISCCART	731621.38	4055206.50	63.44	63.44
DISCCART	731621.38	4055231.50	63.44	63.44
DISCCART	731621.38	4055256.50	63.48	63.48
DISCCART	731621.38	4055281.50	63.54	63.54
DISCCART	731621.38	4055306.50	63.54	63.54
DISCCART	731621.38	4055331.50	63.54	63.54
DISCCART	731646.38	4052331.50	68.67	68.67
DISCCART	731646.38	4052356.50	68.42	68.42
DISCCART	731646.38	4052381.50	68.17	68.17
DISCCART	731646.38	4052406.50	68.02	68.02
DISCCART	731646.38	4052756.50	67.14	67.14
DISCCART	731646.38	4052781.50	67.05	67.05
DISCCART	731646.38	4052806.50	66.94	66.94
DISCCART	731646.38	4052831.50	66.84	66.84
DISCCART	731646.38	4053981.50	64.93	64.93
DISCCART	731646.38	4054006.50	64.84	64.84
DISCCART	731646.38	4054031.50	64.73	64.73
DISCCART	731646.38	4054056.50	64.60	64.60
DISCCART	731646.38	4054081.50	64.47	64.47
DISCCART	731646.38	4054806.50	63.24	63.24
DISCCART	731646.38	4054831.50	63.24	63.24

DISCCART	731646.38	4054856.50	63.24	63.24
DISCCART	731646.38	4054881.50	63.24	63.24
DISCCART	731646.38	4054906.50	63.24	63.24
DISCCART	731646.38	4054931.50	63.24	63.24
DISCCART	731646.38	4054956.50	63.26	63.26
DISCCART	731646.38	4054981.50	63.26	63.26
DISCCART	731646.38	4055006.50	63.32	63.32
DISCCART	731646.38	4055031.50	63.34	63.34
DISCCART	731646.38	4055056.50	63.34	63.34
DISCCART	731646.38	4055081.50	63.34	63.34
DISCCART	731646.38	4055106.50	63.34	63.34
DISCCART	731646.38	4055131.50	63.36	63.36
DISCCART	731646.38	4055156.50	63.35	63.35
DISCCART	731646.38	4055181.50	63.42	63.42
DISCCART	731646.38	4055206.50	63.42	63.42
DISCCART	731646.38	4055231.50	63.44	63.44
DISCCART	731646.38	4055256.50	63.44	63.44
DISCCART	731646.38	4055281.50	63.44	63.44
DISCCART	731646.38	4055306.50	63.45	63.45
DISCCART	731646.38	4055331.50	63.45	63.45
DISCCART	731671.38	4052331.50	68.56	68.56
DISCCART	731671.38	4052356.50	68.42	68.42
DISCCART	731671.38	4052381.50	68.17	68.17
DISCCART	731671.38	4052406.50	68.02	68.02
DISCCART	731671.38	4052781.50	66.98	66.98
DISCCART	731671.38	4052806.50	66.87	66.87
DISCCART	731671.38	4052831.50	66.80	66.80
DISCCART	731671.38	4053981.50	64.93	64.93
DISCCART	731671.38	4054006.50	64.84	64.84
DISCCART	731671.38	4054031.50	64.73	64.73
DISCCART	731671.38	4054056.50	64.58	64.58
DISCCART	731671.38	4054081.50	64.46	64.46
DISCCART	731671.38	4054806.50	63.24	63.24
DISCCART	731671.38	4054831.50	63.24	63.24
DISCCART	731671.38	4054856.50	63.24	63.24
DISCCART	731671.38	4054881.50	63.24	63.24
DISCCART	731671.38	4054906.50	63.24	63.24
DISCCART	731671.38	4054931.50	63.24	63.24
DISCCART	731671.38	4054956.50	63.24	63.24
DISCCART	731671.38	4054981.50	63.24	63.24
DISCCART	731671.38	4055006.50	63.24	63.24
DISCCART	731671.38	4055031.50	63.25	63.25
DISCCART	731671.38	4055056.50	63.28	63.28
DISCCART	731671.38	4055081.50	63.32	63.32
DISCCART	731671.38	4055106.50	63.34	63.34
DISCCART	731671.38	4055131.50	63.34	63.34
DISCCART	731671.38	4055156.50	63.34	63.34
DISCCART	731671.38	4055181.50	63.34	63.34
DISCCART	731671.38	4055206.50	63.34	63.34
DISCCART	731671.38	4055231.50	63.34	63.34
DISCCART	731671.38	4055256.50	63.38	63.38
DISCCART	731671.38	4055281.50	63.43	63.43
DISCCART	731671.38	4055306.50	63.44	63.44
DISCCART	731671.38	4055331.50	63.44	63.44
DISCCART	731696.38	4052331.50	68.57	68.57
DISCCART	731696.38	4052356.50	68.42	68.42
DISCCART	731696.38	4052381.50	68.17	68.17
DISCCART	731696.38	4052406.50	68.02	68.02
DISCCART	731696.38	4052781.50	66.92	66.92
DISCCART	731696.38	4052806.50	66.84	66.84
DISCCART	731696.38	4052831.50	66.73	66.73
DISCCART	731696.38	4053981.50	64.93	64.93
DISCCART	731696.38	4054006.50	64.84	64.84
DISCCART	731696.38	4054031.50	64.67	64.67
DISCCART	731696.38	4054056.50	64.56	64.56
DISCCART	731696.38	4054081.50	64.44	64.44
DISCCART	731696.38	4054806.50	63.15	63.15
DISCCART	731696.38	4054831.50	63.14	63.14
DISCCART	731696.38	4054856.50	63.16	63.16
DISCCART	731696.38	4054881.50	63.14	63.14
DISCCART	731696.38	4054906.50	63.16	63.16
DISCCART	731696.38	4054931.50	63.22	63.22
DISCCART	731696.38	4054956.50	63.22	63.22
DISCCART	731696.38	4054981.50	63.24	63.24
DISCCART	731696.38	4055006.50	63.24	63.24
DISCCART	731696.38	4055031.50	63.24	63.24
DISCCART	731696.38	4055056.50	63.24	63.24
DISCCART	731696.38	4055081.50	63.24	63.24
DISCCART	731696.38	4055106.50	63.24	63.24
DISCCART	731696.38	4055131.50	63.26	63.26
DISCCART	731696.38	4055156.50	63.26	63.26
DISCCART	731696.38	4055181.50	63.32	63.32
DISCCART	731696.38	4055206.50	63.33	63.33
DISCCART	731696.38	4055231.50	63.34	63.34
DISCCART	731696.38	4055256.50	63.34	63.34
DISCCART	731696.38	4055281.50	63.34	63.34
DISCCART	731696.38	4055306.50	63.34	63.34
DISCCART	731696.38	4055331.50	63.35	63.35
DISCCART	731721.38	4052331.50	68.57	68.57
DISCCART	731721.38	4052356.50	68.38	68.38
DISCCART	731721.38	4052381.50	68.17	68.17
DISCCART	731721.38	4052406.50	68.02	68.02
DISCCART	731721.38	4052781.50	66.86	66.86
DISCCART	731721.38	4052806.50	66.75	66.75
DISCCART	731721.38	4052831.50	66.66	66.66
DISCCART	731721.38	4053981.50	64.93	64.93
DISCCART	731721.38	4054006.50	64.84	64.84
DISCCART	731721.38	4054031.50	64.67	64.67
DISCCART	731721.38	4054056.50	64.51	64.51
DISCCART	731721.38	4054081.50	64.32	64.32
DISCCART	731721.38	4054806.50	63.14	63.14
DISCCART	731721.38	4054831.50	63.14	63.14
DISCCART	731721.38	4054856.50	63.14	63.14
DISCCART	731721.38	4054881.50	63.14	63.14
DISCCART	731721.38	4054906.50	63.14	63.14
DISCCART	731721.38	4054931.50	63.14	63.14
DISCCART	731721.38	4054956.50	63.14	63.14
DISCCART	731721.38	4054981.50	63.15	63.15
DISCCART	731721.38	4055006.50	63.18	63.18
DISCCART	731721.38	4055031.50	63.22	63.22
DISCCART	731721.38	4055056.50	63.24	63.24
DISCCART	731721.38	4055081.50	63.24	63.24
DISCCART	731721.38	4055106.50	63.24	63.24
DISCCART	731721.38	4055131.50	63.24	63.24
DISCCART	731721.38	4055156.50	63.24	63.24
DISCCART	731721.38	4055181.50	63.24	63.24
DISCCART	731721.38	4055206.50	63.24	63.24
DISCCART	731721.38	4055231.50	63.24	63.24
DISCCART	731721.38	4055256.50	63.28	63.28
DISCCART	731721.38	4055281.50	63.34	63.34
DISCCART	731721.38	4055306.50	63.34	63.34
DISCCART	731721.38	4055331.50	63.34	63.34
DISCCART	731746.38	4052331.50	68.57	68.57
DISCCART	731746.38	4052356.50	68.34	68.34

DISCCART	731746.38	4052381.50	68.17	68.17
DISCCART	731746.38	4052406.50	68.02	68.02
DISCCART	731746.38	4052781.50	66.82	66.82
DISCCART	731746.38	4052806.50	66.71	66.71
DISCCART	731746.38	4052831.50	66.62	66.62
DISCCART	731746.38	4053981.50	64.94	64.94
DISCCART	731746.38	4054006.50	64.84	64.84
DISCCART	731746.38	4054031.50	64.67	64.67
DISCCART	731746.38	4054056.50	64.50	64.50
DISCCART	731746.38	4054081.50	64.17	64.17
DISCCART	731746.38	4054806.50	63.14	63.14
DISCCART	731746.38	4054831.50	63.14	63.14
DISCCART	731746.38	4054856.50	63.14	63.14
DISCCART	731746.38	4054881.50	63.14	63.14
DISCCART	731746.38	4054906.50	63.14	63.14
DISCCART	731746.38	4054931.50	63.14	63.14
DISCCART	731746.38	4054956.50	63.14	63.14
DISCCART	731746.38	4054981.50	63.14	63.14
DISCCART	731746.38	4055006.50	63.14	63.14
DISCCART	731746.38	4055031.50	63.14	63.14
DISCCART	731746.38	4055056.50	63.14	63.14
DISCCART	731746.38	4055081.50	63.15	63.15
DISCCART	731746.38	4055106.50	63.18	63.18
DISCCART	731746.38	4055131.50	63.22	63.22
DISCCART	731746.38	4055156.50	63.23	63.23
DISCCART	731746.38	4055181.50	63.24	63.24
DISCCART	731746.38	4055206.50	63.24	63.24
DISCCART	731746.38	4055231.50	63.24	63.24
DISCCART	731746.38	4055256.50	63.24	63.24
DISCCART	731746.38	4055281.50	63.24	63.24
DISCCART	731746.38	4055306.50	63.24	63.24
DISCCART	731746.38	4055331.50	63.26	63.26
DISCCART	731771.38	4052331.50	68.55	68.55
DISCCART	731771.38	4052356.50	68.34	68.34
DISCCART	731771.38	4052381.50	68.17	68.17
DISCCART	731771.38	4052406.50	68.01	68.01
DISCCART	731771.38	4052781.50	66.76	66.76
DISCCART	731771.38	4052806.50	66.66	66.66
DISCCART	731771.38	4052831.50	66.54	66.54
DISCCART	731771.38	4053981.50	64.94	64.94
DISCCART	731771.38	4054006.50	64.84	64.84
DISCCART	731771.38	4054031.50	64.62	64.62
DISCCART	731771.38	4054056.50	64.36	64.36
DISCCART	731771.38	4054081.50	64.10	64.10
DISCCART	731771.38	4054806.50	63.14	63.14
DISCCART	731771.38	4054831.50	63.09	63.09
DISCCART	731771.38	4054856.50	63.09	63.09
DISCCART	731771.38	4054881.50	63.05	63.05
DISCCART	731771.38	4054906.50	63.08	63.08
DISCCART	731771.38	4054931.50	63.09	63.09
DISCCART	731771.38	4054956.50	63.09	63.09
DISCCART	731771.38	4054981.50	63.14	63.14
DISCCART	731771.38	4055006.50	63.14	63.14
DISCCART	731771.38	4055031.50	63.14	63.14
DISCCART	731771.38	4055056.50	63.14	63.14
DISCCART	731771.38	4055081.50	63.14	63.14
DISCCART	731771.38	4055106.50	63.14	63.14
DISCCART	731771.38	4055131.50	63.14	63.14
DISCCART	731771.38	4055156.50	63.14	63.14
DISCCART	731771.38	4055181.50	63.14	63.14
DISCCART	731771.38	4055206.50	63.19	63.19
DISCCART	731771.38	4055231.50	63.24	63.24
DISCCART	731771.38	4055256.50	63.24	63.24
DISCCART	731771.38	4055281.50	63.24	63.24
DISCCART	731771.38	4055306.50	63.24	63.24
DISCCART	731771.38	4055331.50	63.24	63.24
DISCCART	731796.38	4052331.50	68.53	68.53
DISCCART	731796.38	4052356.50	68.34	68.34
DISCCART	731796.38	4052381.50	68.17	68.17
DISCCART	731796.38	4052406.50	68.01	68.01
DISCCART	731796.38	4052781.50	66.69	66.69
DISCCART	731796.38	4052806.50	66.59	66.59
DISCCART	731796.38	4052831.50	66.48	66.48
DISCCART	731796.38	4052981.50	66.07	66.07
DISCCART	731796.38	4053006.50	66.04	66.04
DISCCART	731796.38	4053031.50	65.97	65.97
DISCCART	731796.38	4053056.50	65.94	65.94
DISCCART	731796.38	4053081.50	65.85	65.85
DISCCART	731796.38	4053106.50	65.84	65.84
DISCCART	731796.38	4053981.50	64.94	64.94
DISCCART	731796.38	4054006.50	64.84	64.84
DISCCART	731796.38	4054031.50	64.45	64.45
DISCCART	731796.38	4054056.50	64.06	64.06
DISCCART	731796.38	4054081.50	63.87	63.87
DISCCART	731796.38	4054806.50	63.04	63.04
DISCCART	731796.38	4054831.50	63.04	63.04
DISCCART	731796.38	4054856.50	63.04	63.04
DISCCART	731796.38	4054881.50	63.04	63.04
DISCCART	731796.38	4054906.50	63.04	63.04
DISCCART	731796.38	4054931.50	63.04	63.04
DISCCART	731796.38	4054956.50	63.04	63.04
DISCCART	731796.38	4054981.50	63.04	63.04
DISCCART	731796.38	4055006.50	63.04	63.04
DISCCART	731796.38	4055031.50	63.04	63.04
DISCCART	731796.38	4055056.50	63.08	63.08
DISCCART	731796.38	4055081.50	63.13	63.13
DISCCART	731796.38	4055106.50	63.13	63.13
DISCCART	731796.38	4055131.50	63.14	63.14
DISCCART	731796.38	4055156.50	63.14	63.14
DISCCART	731796.38	4055181.50	63.14	63.14
DISCCART	731796.38	4055206.50	63.14	63.14
DISCCART	731796.38	4055231.50	63.14	63.14
DISCCART	731796.38	4055256.50	63.16	63.16
DISCCART	731796.38	4055281.50	63.16	63.16
DISCCART	731796.38	4055306.50	63.23	63.23
DISCCART	731796.38	4055331.50	63.24	63.24
DISCCART	731821.38	4052331.50	68.50	68.50
DISCCART	731821.38	4052356.50	68.31	68.31
DISCCART	731821.38	4052381.50	68.17	68.17
DISCCART	731821.38	4052406.50	68.00	68.00
DISCCART	731821.38	4052781.50	66.64	66.64
DISCCART	731821.38	4052806.50	66.52	66.52
DISCCART	731821.38	4052831.50	66.44	66.44
DISCCART	731821.38	4052981.50	66.04	66.04
DISCCART	731821.38	4053006.50	65.98	65.98
DISCCART	731821.38	4053031.50	65.94	65.94
DISCCART	731821.38	4053056.50	65.87	65.87
DISCCART	731821.38	4053081.50	65.84	65.84
DISCCART	731821.38	4053106.50	65.77	65.77
DISCCART	731821.38	4053981.50	64.94	64.94
DISCCART	731821.38	4054006.50	64.84	64.84
DISCCART	731821.38	4054031.50	63.53	63.53
DISCCART	731821.38	4054056.50	63.61	63.61
DISCCART	731821.38	4054081.50	63.76	63.76

DISCCART	731821.38	4054806.50	63.04	63.04
DISCCART	731821.38	4054831.50	63.04	63.04
DISCCART	731821.38	4054856.50	63.04	63.04
DISCCART	731821.38	4054881.50	63.04	63.04
DISCCART	731821.38	4054906.50	63.04	63.04
DISCCART	731821.38	4054931.50	63.04	63.04
DISCCART	731821.38	4054956.50	63.04	63.04
DISCCART	731821.38	4054981.50	63.04	63.04
DISCCART	731821.38	4055006.50	63.04	63.04
DISCCART	731821.38	4055031.50	63.04	63.04
DISCCART	731821.38	4055056.50	63.04	63.04
DISCCART	731821.38	4055081.50	63.04	63.04
DISCCART	731821.38	4055106.50	63.04	63.04
DISCCART	731821.38	4055131.50	63.04	63.04
DISCCART	731821.38	4055156.50	63.09	63.09
DISCCART	731821.38	4055181.50	63.14	63.14
DISCCART	731821.38	4055206.50	63.14	63.14
DISCCART	731821.38	4055231.50	63.14	63.14
DISCCART	731821.38	4055256.50	63.14	63.14
DISCCART	731821.38	4055281.50	63.14	63.14
DISCCART	731821.38	4055306.50	63.14	63.14
DISCCART	731821.38	4055331.50	63.14	63.14
DISCCART	731846.38	4052331.50	68.48	68.48
DISCCART	731846.38	4052356.50	68.32	68.32
DISCCART	731846.38	4052381.50	68.17	68.17
DISCCART	731846.38	4052406.50	68.00	68.00
DISCCART	731846.38	4052781.50	66.57	66.57
DISCCART	731846.38	4052806.50	66.46	66.46
DISCCART	731846.38	4052831.50	66.36	66.36
DISCCART	731846.38	4052981.50	66.02	66.02
DISCCART	731846.38	4053006.50	65.94	65.94
DISCCART	731846.38	4053031.50	65.89	65.89
DISCCART	731846.38	4053056.50	65.84	65.84
DISCCART	731846.38	4053081.50	65.82	65.82
DISCCART	731846.38	4053106.50	65.74	65.74
DISCCART	731846.38	4053981.50	64.94	64.94
DISCCART	731846.38	4054006.50	64.84	64.84
DISCCART	731846.38	4054031.50	63.36	63.36
DISCCART	731846.38	4054056.50	63.36	63.36
DISCCART	731846.38	4054081.50	63.64	63.64
DISCCART	731846.38	4054806.50	63.02	63.02
DISCCART	731846.38	4054831.50	63.02	63.02
DISCCART	731846.38	4054856.50	63.02	63.02
DISCCART	731846.38	4054881.50	62.96	62.96
DISCCART	731846.38	4054906.50	63.02	63.02
DISCCART	731846.38	4054931.50	63.02	63.02
DISCCART	731846.38	4054956.50	63.02	63.02
DISCCART	731846.38	4054981.50	63.02	63.02
DISCCART	731846.38	4055006.50	63.03	63.03
DISCCART	731846.38	4055031.50	63.04	63.04
DISCCART	731846.38	4055056.50	63.04	63.04
DISCCART	731846.38	4055081.50	63.04	63.04
DISCCART	731846.38	4055106.50	63.04	63.04
DISCCART	731846.38	4055131.50	63.04	63.04
DISCCART	731846.38	4055156.50	63.04	63.04
DISCCART	731846.38	4055181.50	63.05	63.05
DISCCART	731846.38	4055206.50	63.06	63.06
DISCCART	731846.38	4055231.50	63.09	63.09
DISCCART	731846.38	4055256.50	63.12	63.12
DISCCART	731846.38	4055281.50	63.14	63.14
DISCCART	731846.38	4055306.50	63.14	63.14
DISCCART	731846.38	4055331.50	63.14	63.14
DISCCART	731871.38	4052331.50	68.48	68.48
DISCCART	731871.38	4052356.50	68.32	68.32
DISCCART	731871.38	4052381.50	68.17	68.17
DISCCART	731871.38	4052406.50	68.00	68.00
DISCCART	731871.38	4052781.50	66.54	66.54
DISCCART	731871.38	4052806.50	66.42	66.42
DISCCART	731871.38	4052831.50	66.34	66.34
DISCCART	731871.38	4052981.50	65.94	65.94
DISCCART	731871.38	4053006.50	65.94	65.94
DISCCART	731871.38	4053031.50	65.86	65.86
DISCCART	731871.38	4053056.50	65.84	65.84
DISCCART	731871.38	4053081.50	65.74	65.74
DISCCART	731871.38	4053106.50	65.67	65.67
DISCCART	731871.38	4054006.50	64.88	64.88
DISCCART	731871.38	4054031.50	63.34	63.34
DISCCART	731871.38	4054056.50	63.34	63.34
DISCCART	731871.38	4054081.50	63.44	63.44
DISCCART	731871.38	4054806.50	62.94	62.94
DISCCART	731871.38	4054831.50	62.94	62.94
DISCCART	731871.38	4054856.50	62.94	62.94
DISCCART	731871.38	4054881.50	62.94	62.94
DISCCART	731871.38	4054906.50	62.94	62.94
DISCCART	731871.38	4054931.50	62.94	62.94
DISCCART	731871.38	4054956.50	62.94	62.94
DISCCART	731871.38	4054981.50	62.94	62.94
DISCCART	731871.38	4055006.50	62.94	62.94
DISCCART	731871.38	4055031.50	62.94	62.94
DISCCART	731871.38	4055056.50	62.94	62.94
DISCCART	731871.38	4055081.50	62.99	62.99
DISCCART	731871.38	4055106.50	62.99	62.99
DISCCART	731871.38	4055131.50	63.04	63.04
DISCCART	731871.38	4055156.50	63.04	63.04
DISCCART	731871.38	4055181.50	63.04	63.04
DISCCART	731871.38	4055206.50	63.04	63.04
DISCCART	731871.38	4055231.50	63.04	63.04
DISCCART	731871.38	4055256.50	63.04	63.04
DISCCART	731871.38	4055281.50	63.05	63.05
DISCCART	731871.38	4055306.50	63.06	63.06
DISCCART	731871.38	4055331.50	63.08	63.08
DISCCART	731896.38	4052331.50	68.48	68.48
DISCCART	731896.38	4052356.50	68.31	68.31
DISCCART	731896.38	4052381.50	68.17	68.17
DISCCART	731896.38	4052406.50	68.00	68.00
DISCCART	731896.38	4052781.50	66.44	66.44
DISCCART	731896.38	4052806.50	66.35	66.35
DISCCART	731896.38	4052831.50	66.27	66.27
DISCCART	731896.38	4052981.50	65.94	65.94
DISCCART	731896.38	4053006.50	65.92	65.92
DISCCART	731896.38	4053031.50	65.82	65.82
DISCCART	731896.38	4053056.50	65.74	65.74
DISCCART	731896.38	4053081.50	65.68	65.68
DISCCART	731896.38	4053106.50	65.64	65.64
DISCCART	731896.38	4054006.50	64.94	64.94
DISCCART	731896.38	4054031.50	63.34	63.34
DISCCART	731896.38	4054056.50	63.34	63.34
DISCCART	731896.38	4054081.50	63.34	63.34
DISCCART	731896.38	4054806.50	62.94	62.94
DISCCART	731896.38	4054831.50	62.94	62.94
DISCCART	731896.38	4054856.50	62.94	62.94
DISCCART	731896.38	4054881.50	62.94	62.94
DISCCART	731896.38	4054906.50	62.94	62.94
DISCCART	731896.38	4054931.50	62.94	62.94

DISCCART	731896.38	4054956.50	62.94	62.94
DISCCART	731896.38	4054981.50	62.94	62.94
DISCCART	731896.38	4055006.50	62.94	62.94
DISCCART	731896.38	4055031.50	62.94	62.94
DISCCART	731896.38	4055056.50	62.94	62.94
DISCCART	731896.38	4055081.50	62.94	62.94
DISCCART	731896.38	4055106.50	62.95	62.95
DISCCART	731896.38	4055131.50	62.96	62.96
DISCCART	731896.38	4055156.50	63.02	63.02
DISCCART	731896.38	4055181.50	63.02	63.02
DISCCART	731896.38	4055206.50	63.04	63.04
DISCCART	731896.38	4055231.50	63.04	63.04
DISCCART	731896.38	4055256.50	63.04	63.04
DISCCART	731896.38	4055281.50	63.04	63.04
DISCCART	731896.38	4055306.50	63.04	63.04
DISCCART	731896.38	4055331.50	63.04	63.04
DISCCART	731921.38	4052331.50	68.47	68.47
DISCCART	731921.38	4052356.50	68.30	68.30
DISCCART	731921.38	4052381.50	68.17	68.17
DISCCART	731921.38	4052406.50	68.01	68.01
DISCCART	731921.38	4052781.50	66.38	66.38
DISCCART	731921.38	4052806.50	66.34	66.34
DISCCART	731921.38	4052831.50	66.24	66.24
DISCCART	731921.38	4052981.50	65.88	65.88
DISCCART	731921.38	4053006.50	65.84	65.84
DISCCART	731921.38	4053031.50	65.74	65.74
DISCCART	731921.38	4053056.50	65.72	65.72
DISCCART	731921.38	4053081.50	65.64	65.64
DISCCART	731921.38	4053106.50	65.55	65.55
DISCCART	731921.38	4054006.50	65.02	65.02
DISCCART	731921.38	4054031.50	63.40	63.40
DISCCART	731921.38	4054056.50	63.34	63.34
DISCCART	731921.38	4054081.50	63.31	63.31
DISCCART	731921.38	4054306.50	63.14	63.14
DISCCART	731921.38	4054331.50	63.14	63.14
DISCCART	731921.38	4054356.50	63.14	63.14
DISCCART	731921.38	4054381.50	63.06	63.06
DISCCART	731921.38	4054406.50	63.04	63.04
DISCCART	731921.38	4054431.50	63.04	63.04
DISCCART	731921.38	4054456.50	63.04	63.04
DISCCART	731921.38	4054481.50	63.04	63.04
DISCCART	731921.38	4054506.50	63.04	63.04
DISCCART	731921.38	4054531.50	63.04	63.04
DISCCART	731921.38	4054556.50	62.99	62.99
DISCCART	731921.38	4054581.50	62.94	62.94
DISCCART	731921.38	4054606.50	62.94	62.94
DISCCART	731921.38	4054631.50	62.94	62.94
DISCCART	731921.38	4054656.50	62.94	62.94
DISCCART	731921.38	4054681.50	62.94	62.94
DISCCART	731921.38	4054706.50	62.94	62.94
DISCCART	731921.38	4054731.50	62.94	62.94
DISCCART	731921.38	4054756.50	62.94	62.94
DISCCART	731921.38	4054781.50	62.94	62.94
DISCCART	731921.38	4054806.50	62.94	62.94
DISCCART	731921.38	4054831.50	62.89	62.89
DISCCART	731921.38	4054856.50	62.89	62.89
DISCCART	731921.38	4054881.50	62.85	62.85
DISCCART	731921.38	4054906.50	62.88	62.88
DISCCART	731921.38	4054931.50	62.88	62.88
DISCCART	731921.38	4054956.50	62.88	62.88
DISCCART	731921.38	4054981.50	62.88	62.88
DISCCART	731921.38	4055006.50	62.90	62.90
DISCCART	731921.38	4055031.50	62.94	62.94
DISCCART	731921.38	4055056.50	62.94	62.94
DISCCART	731921.38	4055081.50	62.94	62.94
DISCCART	731921.38	4055106.50	62.94	62.94
DISCCART	731921.38	4055131.50	62.94	62.94
DISCCART	731921.38	4055156.50	62.94	62.94
DISCCART	731921.38	4055181.50	62.94	62.94
DISCCART	731921.38	4055206.50	62.94	62.94
DISCCART	731921.38	4055231.50	62.95	62.95
DISCCART	731921.38	4055256.50	62.96	62.96
DISCCART	731921.38	4055281.50	62.98	62.98
DISCCART	731921.38	4055306.50	63.04	63.04
DISCCART	731921.38	4055331.50	63.04	63.04
DISCCART	731946.38	4052331.50	68.44	68.44
DISCCART	731946.38	4052356.50	68.30	68.30
DISCCART	731946.38	4052381.50	68.17	68.17
DISCCART	731946.38	4052406.50	68.01	68.01
DISCCART	731946.38	4052781.50	66.34	66.34
DISCCART	731946.38	4052806.50	66.34	66.34
DISCCART	731946.38	4052831.50	66.34	66.34
DISCCART	731946.38	4052981.50	65.86	65.86
DISCCART	731946.38	4053006.50	65.77	65.77
DISCCART	731946.38	4053031.50	65.71	65.71
DISCCART	731946.38	4053056.50	65.66	65.66
DISCCART	731946.38	4053081.50	65.55	65.55
DISCCART	731946.38	4053106.50	65.47	65.47
DISCCART	731946.38	4053681.50	64.92	64.92
DISCCART	731946.38	4053706.50	64.92	64.92
DISCCART	731946.38	4053731.50	64.88	64.88
DISCCART	731946.38	4053756.50	64.85	64.85
DISCCART	731946.38	4053781.50	64.85	64.85
DISCCART	731946.38	4053806.50	64.85	64.85
DISCCART	731946.38	4053831.50	64.85	64.85
DISCCART	731946.38	4053856.50	64.86	64.86
DISCCART	731946.38	4053881.50	64.86	64.86
DISCCART	731946.38	4053906.50	64.86	64.86
DISCCART	731946.38	4053931.50	64.86	64.86
DISCCART	731946.38	4053956.50	64.88	64.88
DISCCART	731946.38	4053981.50	64.96	64.96
DISCCART	731946.38	4054006.50	64.93	64.93
DISCCART	731946.38	4054031.50	63.42	63.42
DISCCART	731946.38	4054056.50	63.25	63.25
DISCCART	731946.38	4054081.50	63.24	63.24
DISCCART	731946.38	4054106.50	63.24	63.24
DISCCART	731946.38	4054131.50	63.24	63.24
DISCCART	731946.38	4054156.50	63.24	63.24
DISCCART	731946.38	4054181.50	63.16	63.16
DISCCART	731946.38	4054206.50	63.14	63.14
DISCCART	731946.38	4054231.50	63.14	63.14
DISCCART	731946.38	4054256.50	63.14	63.14
DISCCART	731946.38	4054281.50	63.14	63.14
DISCCART	731946.38	4054306.50	63.12	63.12
DISCCART	731946.38	4054331.50	63.05	63.05
DISCCART	731946.38	4054356.50	63.04	63.04
DISCCART	731946.38	4054381.50	63.04	63.04
DISCCART	731946.38	4054406.50	63.04	63.04
DISCCART	731946.38	4054431.50	63.04	63.04
DISCCART	731946.38	4054456.50	63.04	63.04
DISCCART	731946.38	4054481.50	63.01	63.01
DISCCART	731946.38	4054506.50	62.96	62.96
DISCCART	731946.38	4054531.50	62.94	62.94
DISCCART	731946.38	4054556.50	62.94	62.94

DISCCART	731946.38	4054581.50	62.94	62.94
DISCCART	731946.38	4054606.50	62.94	62.94
DISCCART	731946.38	4054631.50	62.94	62.94
DISCCART	731946.38	4054656.50	62.94	62.94
DISCCART	731946.38	4054681.50	62.93	62.93
DISCCART	731946.38	4054706.50	62.85	62.85
DISCCART	731946.38	4054731.50	62.85	62.85
DISCCART	731946.38	4054756.50	62.84	62.84
DISCCART	731946.38	4054781.50	62.84	62.84
DISCCART	731946.38	4054806.50	62.84	62.84
DISCCART	731946.38	4054831.50	62.84	62.84
DISCCART	731946.38	4054856.50	62.84	62.84
DISCCART	731946.38	4054881.50	62.84	62.84
DISCCART	731946.38	4054906.50	62.84	62.84
DISCCART	731946.38	4054931.50	62.84	62.84
DISCCART	731946.38	4054956.50	62.84	62.84
DISCCART	731946.38	4054981.50	62.84	62.84
DISCCART	731946.38	4055006.50	62.84	62.84
DISCCART	731946.38	4055031.50	62.84	62.84
DISCCART	731946.38	4055206.50	62.94	62.94
DISCCART	731946.38	4055231.50	62.94	62.94
DISCCART	731946.38	4055256.50	62.94	62.94
DISCCART	731946.38	4055281.50	62.94	62.94
DISCCART	731946.38	4055306.50	62.94	62.94
DISCCART	731946.38	4055331.50	62.94	62.94
DISCCART	731971.38	4052331.50	68.44	68.44
DISCCART	731971.38	4052356.50	68.30	68.30
DISCCART	731971.38	4052381.50	68.16	68.16
DISCCART	731971.38	4052406.50	68.04	68.04
DISCCART	731971.38	4052756.50	66.44	66.44
DISCCART	731971.38	4052781.50	66.44	66.44
DISCCART	731971.38	4052806.50	66.38	66.38
DISCCART	731971.38	4052831.50	66.39	66.39
DISCCART	731971.38	4052856.50	66.34	66.34
DISCCART	731971.38	4052881.50	66.25	66.25
DISCCART	731971.38	4052906.50	66.13	66.13
DISCCART	731971.38	4052931.50	66.04	66.04
DISCCART	731971.38	4052956.50	65.95	65.95
DISCCART	731971.38	4052981.50	65.86	65.86
DISCCART	731971.38	4053006.50	65.82	65.82
DISCCART	731971.38	4053031.50	65.74	65.74
DISCCART	731971.38	4053056.50	65.62	65.62
DISCCART	731971.38	4053081.50	65.56	65.56
DISCCART	731971.38	4053106.50	65.47	65.47
DISCCART	731971.38	4053131.50	65.40	65.40
DISCCART	731971.38	4053156.50	65.33	65.33
DISCCART	731971.38	4053181.50	65.24	65.24
DISCCART	731971.38	4053206.50	65.18	65.18
DISCCART	731971.38	4053231.50	65.14	65.14
DISCCART	731971.38	4053256.50	65.04	65.04
DISCCART	731971.38	4053281.50	65.04	65.04
DISCCART	731971.38	4053306.50	64.95	64.95
DISCCART	731971.38	4053331.50	64.94	64.94
DISCCART	731971.38	4053356.50	64.88	64.88
DISCCART	731971.38	4053381.50	64.88	64.88
DISCCART	731971.38	4053406.50	64.84	64.84
DISCCART	731971.38	4053431.50	64.84	64.84
DISCCART	731971.38	4053456.50	64.84	64.84
DISCCART	731971.38	4053481.50	64.84	64.84
DISCCART	731971.38	4053506.50	64.84	64.84
DISCCART	731971.38	4053531.50	64.84	64.84
DISCCART	731971.38	4053556.50	64.84	64.84
DISCCART	731971.38	4053581.50	64.84	64.84
DISCCART	731971.38	4053606.50	64.84	64.84
DISCCART	731971.38	4053631.50	64.84	64.84
DISCCART	731971.38	4053656.50	64.84	64.84
DISCCART	731971.38	4053681.50	64.78	64.78
DISCCART	731971.38	4053706.50	64.78	64.78
DISCCART	731971.38	4053731.50	64.79	64.79
DISCCART	731971.38	4053756.50	64.79	64.79
DISCCART	731971.38	4053781.50	64.79	64.79
DISCCART	731971.38	4053806.50	64.74	64.74
DISCCART	731971.38	4053831.50	64.73	64.73
DISCCART	731971.38	4053856.50	64.63	64.63
DISCCART	731971.38	4053881.50	64.58	64.58
DISCCART	731971.38	4053906.50	64.49	64.49
DISCCART	731971.38	4053931.50	64.36	64.36
DISCCART	731971.38	4053956.50	64.23	64.23
DISCCART	731971.38	4053981.50	63.83	63.83
DISCCART	731971.38	4054006.50	63.89	63.89
DISCCART	731971.38	4054031.50	63.41	63.41
DISCCART	731971.38	4054056.50	63.26	63.26
DISCCART	731971.38	4054081.50	63.24	63.24
DISCCART	731971.38	4054106.50	63.24	63.24
DISCCART	731971.38	4054131.50	63.19	63.19
DISCCART	731971.38	4054156.50	63.14	63.14
DISCCART	731971.38	4054181.50	63.14	63.14
DISCCART	731971.38	4054206.50	63.14	63.14
DISCCART	731971.38	4054231.50	63.14	63.14
DISCCART	731971.38	4054256.50	63.13	63.13
DISCCART	731971.38	4054281.50	63.06	63.06
DISCCART	731971.38	4054306.50	63.04	63.04
DISCCART	731971.38	4054331.50	63.04	63.04
DISCCART	731971.38	4054356.50	63.04	63.04
DISCCART	731971.38	4054381.50	63.04	63.04
DISCCART	731971.38	4054406.50	63.04	63.04
DISCCART	731971.38	4054431.50	62.98	62.98
DISCCART	731971.38	4055206.50	62.88	62.88
DISCCART	731971.38	4055231.50	62.88	62.88
DISCCART	731971.38	4055256.50	62.94	62.94
DISCCART	731971.38	4055281.50	62.94	62.94
DISCCART	731971.38	4055306.50	62.94	62.94
DISCCART	731971.38	4055331.50	62.94	62.94
DISCCART	731996.38	4052331.50	68.36	68.36
DISCCART	731996.38	4052356.50	68.25	68.25
DISCCART	731996.38	4052381.50	68.14	68.14
DISCCART	731996.38	4052406.50	68.04	68.04
DISCCART	731996.38	4052431.50	67.93	67.93
DISCCART	731996.38	4052456.50	67.72	67.72
DISCCART	731996.38	4052481.50	67.50	67.50
DISCCART	731996.38	4052506.50	67.22	67.22
DISCCART	731996.38	4052531.50	66.99	66.99
DISCCART	731996.38	4052556.50	66.86	66.86
DISCCART	731996.38	4052581.50	66.73	66.73
DISCCART	731996.38	4052606.50	66.65	66.65
DISCCART	731996.38	4052631.50	66.64	66.64
DISCCART	731996.38	4052656.50	66.63	66.63
DISCCART	731996.38	4052681.50	66.57	66.57
DISCCART	731996.38	4052706.50	66.55	66.55
DISCCART	731996.38	4052731.50	66.46	66.46
DISCCART	731996.38	4052756.50	66.34	66.34
DISCCART	731996.38	4052781.50	66.34	66.34
DISCCART	731996.38	4052806.50	66.34	66.34
DISCCART	731996.38	4052831.50	66.34	66.34

DISCCART	731996.38	4052856.50	66.31	66.31
DISCCART	731996.38	4052881.50	66.23	66.23
DISCCART	731996.38	4052906.50	66.05	66.05
DISCCART	731996.38	4052931.50	65.90	65.90
DISCCART	731996.38	4052956.50	65.81	65.81
DISCCART	731996.38	4052981.50	65.76	65.76
DISCCART	731996.38	4053006.50	65.66	65.66
DISCCART	731996.38	4053031.50	65.57	65.57
DISCCART	731996.38	4053056.50	65.55	65.55
DISCCART	731996.38	4053081.50	65.44	65.44
DISCCART	731996.38	4053106.50	65.35	65.35
DISCCART	731996.38	4053131.50	65.33	65.33
DISCCART	731996.38	4053156.50	65.25	65.25
DISCCART	731996.38	4053181.50	65.17	65.17
DISCCART	731996.38	4053206.50	65.14	65.14
DISCCART	731996.38	4053231.50	65.05	65.05
DISCCART	731996.38	4053256.50	65.00	65.00
DISCCART	731996.38	4053281.50	64.95	64.95
DISCCART	731996.38	4053306.50	64.90	64.90
DISCCART	731996.38	4053331.50	64.85	64.85
DISCCART	731996.38	4053356.50	64.82	64.82
DISCCART	731996.38	4053381.50	64.82	64.82
DISCCART	731996.38	4053406.50	64.76	64.76
DISCCART	731996.38	4053431.50	64.75	64.75
DISCCART	731996.38	4053456.50	64.75	64.75
DISCCART	731996.38	4053481.50	64.75	64.75
DISCCART	731996.38	4053506.50	64.74	64.74
DISCCART	731996.38	4053531.50	64.72	64.72
DISCCART	731996.38	4053556.50	64.72	64.72
DISCCART	731996.38	4053581.50	64.72	64.72
DISCCART	731996.38	4053606.50	64.72	64.72
DISCCART	731996.38	4053631.50	64.10	64.10
DISCCART	731996.38	4053656.50	63.86	63.86
DISCCART	731996.38	4053681.50	63.58	63.58
DISCCART	731996.38	4053706.50	63.40	63.40
DISCCART	731996.38	4053731.50	63.35	63.35
DISCCART	731996.38	4053756.50	63.33	63.33
DISCCART	731996.38	4053781.50	63.33	63.33
DISCCART	731996.38	4054006.50	63.34	63.34
DISCCART	731996.38	4054031.50	63.35	63.35
DISCCART	731996.38	4054056.50	63.25	63.25
DISCCART	731996.38	4054081.50	63.24	63.24
DISCCART	731996.38	4055206.50	62.84	62.84
DISCCART	731996.38	4055231.50	62.84	62.84
DISCCART	731996.38	4055256.50	62.84	62.84
DISCCART	731996.38	4055281.50	62.84	62.84
DISCCART	731996.38	4055306.50	62.84	62.84
DISCCART	731996.38	4055331.50	62.85	62.85
DISCCART	732021.38	4052331.50	68.36	68.36
DISCCART	732021.38	4052356.50	68.21	68.21
DISCCART	732021.38	4052381.50	68.07	68.07
DISCCART	732021.38	4052406.50	67.97	67.97
DISCCART	732021.38	4052431.50	67.85	67.85
DISCCART	732021.38	4052456.50	67.67	67.67
DISCCART	732021.38	4052481.50	67.48	67.48
DISCCART	732021.38	4052506.50	67.32	67.32
DISCCART	732021.38	4052531.50	67.19	67.19
DISCCART	732021.38	4052556.50	67.04	67.04
DISCCART	732021.38	4052581.50	66.92	66.92
DISCCART	732021.38	4052606.50	66.85	66.85
DISCCART	732021.38	4052631.50	66.82	66.82
DISCCART	732021.38	4052656.50	66.70	66.70
DISCCART	732021.38	4052681.50	66.64	66.64
DISCCART	732021.38	4052706.50	66.53	66.53
DISCCART	732021.38	4052731.50	66.44	66.44
DISCCART	732021.38	4052756.50	66.34	66.34
DISCCART	732021.38	4052781.50	66.26	66.26
DISCCART	732021.38	4052806.50	66.24	66.24
DISCCART	732021.38	4052831.50	66.24	66.24
DISCCART	732021.38	4052856.50	66.18	66.18
DISCCART	732021.38	4052881.50	66.11	66.11
DISCCART	732021.38	4052906.50	66.05	66.05
DISCCART	732021.38	4052931.50	65.93	65.93
DISCCART	732021.38	4052956.50	65.84	65.84
DISCCART	732021.38	4052981.50	65.71	65.71
DISCCART	732021.38	4053006.50	65.62	65.62
DISCCART	732021.38	4053031.50	65.54	65.54
DISCCART	732021.38	4053056.50	65.45	65.45
DISCCART	732021.38	4053081.50	65.40	65.40
DISCCART	732021.38	4053106.50	65.34	65.34
DISCCART	732021.38	4053131.50	65.25	65.25
DISCCART	732021.38	4053156.50	65.23	65.23
DISCCART	732021.38	4053181.50	65.14	65.14
DISCCART	732021.38	4053206.50	65.04	65.04
DISCCART	732021.38	4053231.50	63.84	63.84
DISCCART	732021.38	4053256.50	63.65	63.65
DISCCART	732021.38	4053281.50	63.41	63.41
DISCCART	732021.38	4053306.50	63.34	63.34
DISCCART	732021.38	4053331.50	63.28	63.28
DISCCART	732021.38	4053356.50	63.24	63.24
DISCCART	732021.38	4053381.50	63.24	63.24
DISCCART	732021.38	4054006.50	63.25	63.25
DISCCART	732021.38	4054031.50	63.24	63.24
DISCCART	732021.38	4054056.50	63.24	63.24
DISCCART	732021.38	4055206.50	62.84	62.84
DISCCART	732021.38	4055231.50	62.84	62.84
DISCCART	732021.38	4055256.50	62.84	62.84
DISCCART	732021.38	4055281.50	62.84	62.84
DISCCART	732021.38	4055306.50	62.84	62.84
DISCCART	732021.38	4055331.50	62.84	62.84
DISCCART	732046.38	4052331.50	68.27	68.27
DISCCART	732046.38	4052356.50	68.15	68.15
DISCCART	732046.38	4052381.50	68.03	68.03
DISCCART	732046.38	4052406.50	67.90	67.90
DISCCART	732046.38	4052431.50	67.77	67.77
DISCCART	732046.38	4052456.50	67.64	67.64
DISCCART	732046.38	4052481.50	67.48	67.48
DISCCART	732046.38	4052506.50	67.35	67.35
DISCCART	732046.38	4052531.50	67.23	67.23
DISCCART	732046.38	4052556.50	67.11	67.11
DISCCART	732046.38	4052581.50	66.99	66.99
DISCCART	732046.38	4052606.50	66.90	66.90
DISCCART	732046.38	4052631.50	66.78	66.78
DISCCART	732046.38	4052656.50	66.71	66.71
DISCCART	732046.38	4052681.50	66.62	66.62
DISCCART	732046.38	4052706.50	66.50	66.50
DISCCART	732046.38	4052731.50	66.37	66.37
DISCCART	732046.38	4052756.50	66.33	66.33
DISCCART	732046.38	4052781.50	66.24	66.24
DISCCART	732046.38	4052806.50	66.15	66.15
DISCCART	732046.38	4052831.50	66.14	66.14
DISCCART	732046.38	4052856.50	66.05	66.05
DISCCART	732046.38	4052881.50	66.04	66.04
DISCCART	732046.38	4052906.50	65.95	65.95
DISCCART	732046.38	4052931.50	65.87	65.87

DISCCART	732046.38	4052956.50	65.77	65.77
DISCCART	732046.38	4052981.50	65.72	65.72
DISCCART	732046.38	4053006.50	65.61	65.61
DISCCART	732046.38	4053031.50	65.50	65.50
DISCCART	732046.38	4053056.50	65.44	65.44
DISCCART	732046.38	4053081.50	65.34	65.34
DISCCART	732046.38	4053106.50	65.25	65.25
DISCCART	732046.38	4053131.50	65.23	65.23
DISCCART	732046.38	4053156.50	65.14	65.14
DISCCART	732046.38	4053181.50	65.08	65.08
DISCCART	732046.38	4053206.50	65.04	65.04
DISCCART	732046.38	4053856.50	63.35	63.35
DISCCART	732046.38	4053881.50	63.32	63.32
DISCCART	732046.38	4053906.50	63.24	63.24
DISCCART	732046.38	4053931.50	63.24	63.24
DISCCART	732046.38	4053956.50	63.24	63.24
DISCCART	732046.38	4053981.50	63.24	63.24
DISCCART	732046.38	4054006.50	63.24	63.24
DISCCART	732046.38	4054031.50	63.18	63.18
DISCCART	732046.38	4054056.50	63.20	63.20
DISCCART	732046.38	4055206.50	62.74	62.74
DISCCART	732046.38	4055231.50	62.74	62.74
DISCCART	732046.38	4055256.50	62.75	62.75
DISCCART	732046.38	4055281.50	62.75	62.75
DISCCART	732046.38	4055306.50	62.83	62.83
DISCCART	732046.38	4055331.50	62.83	62.83
DISCCART	732071.38	4052331.50	68.26	68.26
DISCCART	732071.38	4052356.50	68.12	68.12
DISCCART	732071.38	4052381.50	67.95	67.95
DISCCART	732071.38	4052406.50	67.83	67.83
DISCCART	732071.38	4052431.50	67.70	67.70
DISCCART	732071.38	4052456.50	67.57	67.57
DISCCART	732071.38	4052481.50	67.49	67.49
DISCCART	732071.38	4052506.50	67.33	67.33
DISCCART	732071.38	4052531.50	67.23	67.23
DISCCART	732071.38	4052556.50	67.10	67.10
DISCCART	732071.38	4052581.50	67.00	67.00
DISCCART	732071.38	4052606.50	66.90	66.90
DISCCART	732071.38	4052631.50	66.76	66.76
DISCCART	732071.38	4052656.50	66.65	66.65
DISCCART	732071.38	4052681.50	66.55	66.55
DISCCART	732071.38	4052706.50	66.44	66.44
DISCCART	732071.38	4052731.50	66.34	66.34
DISCCART	732071.38	4052756.50	66.24	66.24
DISCCART	732071.38	4052781.50	66.18	66.18
DISCCART	732071.38	4052806.50	66.14	66.14
DISCCART	732071.38	4052831.50	66.08	66.08
DISCCART	732071.38	4052856.50	66.03	66.03
DISCCART	732071.38	4052881.50	65.96	65.96
DISCCART	732071.38	4052906.50	65.88	65.88
DISCCART	732071.38	4052931.50	65.83	65.83
DISCCART	732071.38	4052956.50	65.73	65.73
DISCCART	732071.38	4052981.50	65.64	65.64
DISCCART	732071.38	4053006.50	65.55	65.55
DISCCART	732071.38	4053031.50	65.45	65.45
DISCCART	732071.38	4053056.50	65.42	65.42
DISCCART	732071.38	4053081.50	65.34	65.34
DISCCART	732071.38	4053106.50	65.24	65.24
DISCCART	732071.38	4053131.50	65.16	65.16
DISCCART	732071.38	4053156.50	65.12	65.12
DISCCART	732071.38	4053181.50	65.04	65.04
DISCCART	732071.38	4053206.50	64.95	64.95
DISCCART	732071.38	4053856.50	63.33	63.33
DISCCART	732071.38	4053881.50	63.24	63.24
DISCCART	732071.38	4053906.50	63.24	63.24
DISCCART	732071.38	4053931.50	63.24	63.24
DISCCART	732071.38	4053956.50	63.24	63.24
DISCCART	732071.38	4053981.50	63.20	63.20
DISCCART	732071.38	4054006.50	63.14	63.14
DISCCART	732071.38	4054031.50	63.14	63.14
DISCCART	732071.38	4054056.50	63.14	63.14
DISCCART	732071.38	4055206.50	62.74	62.74
DISCCART	732071.38	4055231.50	62.74	62.74
DISCCART	732071.38	4055256.50	62.74	62.74
DISCCART	732071.38	4055281.50	62.74	62.74
DISCCART	732071.38	4055306.50	62.74	62.74
DISCCART	732071.38	4055331.50	62.74	62.74
DISCCART	732096.38	4052331.50	68.18	68.18
DISCCART	732096.38	4052356.50	68.04	68.04
DISCCART	732096.38	4052381.50	67.89	67.89
DISCCART	732096.38	4052406.50	67.75	67.75
DISCCART	732096.38	4052431.50	67.65	67.65
DISCCART	732096.38	4052456.50	67.54	67.54
DISCCART	732096.38	4052481.50	67.43	67.43
DISCCART	732096.38	4052506.50	67.31	67.31
DISCCART	732096.38	4052531.50	67.18	67.18
DISCCART	732096.38	4052556.50	67.06	67.06
DISCCART	732096.38	4052581.50	66.95	66.95
DISCCART	732096.38	4052606.50	66.84	66.84
DISCCART	732096.38	4052631.50	66.75	66.75
DISCCART	732096.38	4052656.50	66.62	66.62
DISCCART	732096.38	4052681.50	66.52	66.52
DISCCART	732096.38	4052706.50	66.40	66.40
DISCCART	732096.38	4052731.50	66.32	66.32
DISCCART	732096.38	4052756.50	66.24	66.24
DISCCART	732096.38	4052781.50	66.14	66.14
DISCCART	732096.38	4052806.50	66.05	66.05
DISCCART	732096.38	4052831.50	66.04	66.04
DISCCART	732096.38	4052856.50	65.95	65.95
DISCCART	732096.38	4052881.50	65.88	65.88
DISCCART	732096.38	4052906.50	65.84	65.84
DISCCART	732096.38	4052931.50	65.74	65.74
DISCCART	732096.38	4052956.50	65.66	65.66
DISCCART	732096.38	4052981.50	65.56	65.56
DISCCART	732096.38	4053006.50	65.46	65.46
DISCCART	732096.38	4053031.50	65.43	65.43
DISCCART	732096.38	4053056.50	65.34	65.34
DISCCART	732096.38	4053081.50	65.27	65.27
DISCCART	732096.38	4053106.50	65.21	65.21
DISCCART	732096.38	4053131.50	65.13	65.13
DISCCART	732096.38	4053156.50	65.04	65.04
DISCCART	732096.38	4053181.50	64.98	64.98
DISCCART	732096.38	4053206.50	64.94	64.94
DISCCART	732096.38	4053856.50	63.24	63.24
DISCCART	732096.38	4053881.50	63.24	63.24
DISCCART	732096.38	4053906.50	63.24	63.24
DISCCART	732096.38	4053931.50	63.21	63.21
DISCCART	732096.38	4053956.50	63.15	63.15
DISCCART	732096.38	4053981.50	63.14	63.14
DISCCART	732096.38	4054006.50	63.14	63.14
DISCCART	732096.38	4054031.50	63.13	63.13
DISCCART	732096.38	4054056.50	63.13	63.13
DISCCART	732096.38	4055206.50	62.65	62.65
DISCCART	732096.38	4055231.50	62.71	62.71

DISCCART	732096.38	4055256.50	62.73	62.73
DISCCART	732096.38	4055281.50	62.73	62.73
DISCCART	732096.38	4055306.50	62.74	62.74
DISCCART	732096.38	4055331.50	62.74	62.74
DISCCART	732121.38	4052331.50	68.14	68.14
DISCCART	732121.38	4052356.50	67.98	67.98
DISCCART	732121.38	4052381.50	67.85	67.85
DISCCART	732121.38	4052406.50	67.73	67.73
DISCCART	732121.38	4052431.50	67.60	67.60
DISCCART	732121.38	4052456.50	67.51	67.51
DISCCART	732121.38	4052481.50	67.38	67.38
DISCCART	732121.38	4052506.50	67.26	67.26
DISCCART	732121.38	4052531.50	67.14	67.14
DISCCART	732121.38	4052556.50	67.02	67.02
DISCCART	732121.38	4052581.50	66.90	66.90
DISCCART	732121.38	4052606.50	66.80	66.80
DISCCART	732121.38	4052631.50	66.66	66.66
DISCCART	732121.38	4052656.50	66.54	66.54
DISCCART	732121.38	4052681.50	66.45	66.45
DISCCART	732121.38	4052706.50	66.34	66.34
DISCCART	732121.38	4052731.50	66.26	66.26
DISCCART	732121.38	4052756.50	66.17	66.17
DISCCART	732121.38	4052781.50	66.13	66.13
DISCCART	732121.38	4052806.50	66.04	66.04
DISCCART	732121.38	4052831.50	65.95	65.95
DISCCART	732121.38	4052856.50	65.87	65.87
DISCCART	732121.38	4052881.50	65.84	65.84
DISCCART	732121.38	4052906.50	65.77	65.77
DISCCART	732121.38	4052931.50	65.66	65.66
DISCCART	732121.38	4052956.50	65.62	65.62
DISCCART	732121.38	4052981.50	65.54	65.54
DISCCART	732121.38	4053006.50	65.44	65.44
DISCCART	732121.38	4053031.50	65.34	65.34
DISCCART	732121.38	4053056.50	65.27	65.27
DISCCART	732121.38	4053081.50	65.24	65.24
DISCCART	732121.38	4053106.50	65.14	65.14
DISCCART	732121.38	4053131.50	65.06	65.06
DISCCART	732121.38	4053156.50	65.03	65.03
DISCCART	732121.38	4053181.50	64.94	64.94
DISCCART	732121.38	4053206.50	64.86	64.86
DISCCART	732121.38	4053981.50	63.14	63.14
DISCCART	732121.38	4054006.50	63.14	63.14
DISCCART	732121.38	4054031.50	63.07	63.07
DISCCART	732121.38	4054056.50	63.04	63.04
DISCCART	732121.38	4055206.50	62.64	62.64
DISCCART	732121.38	4055231.50	62.64	62.64
DISCCART	732121.38	4055256.50	62.64	62.64
DISCCART	732121.38	4055281.50	62.64	62.64
DISCCART	732121.38	4055306.50	62.64	62.64
DISCCART	732121.38	4055331.50	62.64	62.64
DISCCART	732146.38	4052331.50	68.08	68.08
DISCCART	732146.38	4052356.50	67.94	67.94
DISCCART	732146.38	4052381.50	67.79	67.79
DISCCART	732146.38	4052406.50	67.66	67.66
DISCCART	732146.38	4052431.50	67.57	67.57
DISCCART	732146.38	4052456.50	67.45	67.45
DISCCART	732146.38	4052481.50	67.32	67.32
DISCCART	732146.38	4052506.50	67.20	67.20
DISCCART	732146.38	4052531.50	67.07	67.07
DISCCART	732146.38	4052556.50	66.96	66.96
DISCCART	732146.38	4052581.50	66.86	66.86
DISCCART	732146.38	4052606.50	66.74	66.74
DISCCART	732146.38	4052631.50	66.62	66.62
DISCCART	732146.38	4052656.50	66.51	66.51
DISCCART	732146.38	4052681.50	66.39	66.39
DISCCART	732146.38	4052706.50	66.33	66.33
DISCCART	732146.38	4052731.50	66.23	66.23
DISCCART	732146.38	4052756.50	66.14	66.14
DISCCART	732146.38	4052781.50	66.08	66.08
DISCCART	732146.38	4052806.50	66.00	66.00
DISCCART	732146.38	4052831.50	65.94	65.94
DISCCART	732146.38	4052856.50	65.86	65.86
DISCCART	732146.38	4052881.50	65.76	65.76
DISCCART	732146.38	4052906.50	65.74	65.74
DISCCART	732146.38	4052931.50	65.65	65.65
DISCCART	732146.38	4052956.50	65.53	65.53
DISCCART	732146.38	4052981.50	65.44	65.44
DISCCART	732146.38	4053006.50	65.40	65.40
DISCCART	732146.38	4053031.50	65.32	65.32
DISCCART	732146.38	4053056.50	65.24	65.24
DISCCART	732146.38	4053081.50	65.14	65.14
DISCCART	732146.38	4053106.50	65.11	65.11
DISCCART	732146.38	4053131.50	65.02	65.02
DISCCART	732146.38	4053156.50	64.94	64.94
DISCCART	732146.38	4053181.50	64.88	64.88
DISCCART	732146.38	4053206.50	64.84	64.84
DISCCART	732146.38	4053981.50	63.07	63.07
DISCCART	732146.38	4054006.50	63.04	63.04
DISCCART	732146.38	4054031.50	63.04	63.04
DISCCART	732146.38	4054056.50	63.04	63.04
DISCCART	732146.38	4055206.50	62.62	62.62
DISCCART	732146.38	4055231.50	62.62	62.62
DISCCART	732146.38	4055256.50	62.63	62.63
DISCCART	732146.38	4055281.50	62.64	62.64
DISCCART	732146.38	4055306.50	62.64	62.64
DISCCART	732146.38	4055331.50	62.64	62.64
DISCCART	732171.38	4052331.50	68.03	68.03
DISCCART	732171.38	4052356.50	67.88	67.88
DISCCART	732171.38	4052381.50	67.75	67.75
DISCCART	732171.38	4052406.50	67.63	67.63
DISCCART	732171.38	4052431.50	67.50	67.50
DISCCART	732171.38	4052456.50	67.41	67.41
DISCCART	732171.38	4052481.50	67.27	67.27
DISCCART	732171.38	4052506.50	67.15	67.15
DISCCART	732171.38	4052531.50	67.04	67.04
DISCCART	732171.38	4052556.50	66.93	66.93
DISCCART	732171.38	4052581.50	66.80	66.80
DISCCART	732171.38	4052606.50	66.68	66.68
DISCCART	732171.38	4052631.50	66.56	66.56
DISCCART	732171.38	4052656.50	66.44	66.44
DISCCART	732171.38	4052681.50	66.34	66.34
DISCCART	732171.38	4052706.50	66.25	66.25
DISCCART	732171.38	4052731.50	66.19	66.19
DISCCART	732171.38	4052756.50	66.11	66.11
DISCCART	732171.38	4052781.50	66.04	66.04
DISCCART	732171.38	4052806.50	65.95	65.95
DISCCART	732171.38	4052831.50	65.87	65.87
DISCCART	732171.38	4052856.50	65.80	65.80
DISCCART	732171.38	4052881.50	65.74	65.74
DISCCART	732171.38	4052906.50	65.64	65.64
DISCCART	732171.38	4052931.50	65.56	65.56
DISCCART	732171.38	4052956.50	65.51	65.51
DISCCART	732171.38	4052981.50	65.40	65.40
DISCCART	732171.38	4053006.50	65.34	65.34

DISCCART	732171.38	4053031.50	65.26	65.26
DISCCART	732171.38	4053056.50	65.17	65.17
DISCCART	732171.38	4053081.50	65.10	65.10
DISCCART	732171.38	4053106.50	65.04	65.04
DISCCART	732171.38	4053131.50	64.96	64.96
DISCCART	732171.38	4053156.50	64.90	64.90
DISCCART	732171.38	4053181.50	64.84	64.84
DISCCART	732171.38	4053206.50	64.75	64.75
DISCCART	732171.38	4053981.50	63.04	63.04
DISCCART	732171.38	4054006.50	63.04	63.04
DISCCART	732171.38	4054031.50	63.00	63.00
DISCCART	732171.38	4054056.50	62.97	62.97
DISCCART	732171.38	4055206.50	62.54	62.54
DISCCART	732171.38	4055231.50	62.54	62.54
DISCCART	732171.38	4055256.50	62.54	62.54
DISCCART	732171.38	4055281.50	62.54	62.54
DISCCART	732171.38	4055306.50	62.54	62.54
DISCCART	732171.38	4055331.50	62.59	62.59
DISCCART	732196.38	4052331.50	67.98	67.98
DISCCART	732196.38	4052356.50	67.84	67.84
DISCCART	732196.38	4052381.50	67.72	67.72
DISCCART	732196.38	4052406.50	67.59	67.59
DISCCART	732196.38	4052431.50	67.47	67.47
DISCCART	732196.38	4052456.50	67.35	67.35
DISCCART	732196.38	4052481.50	67.23	67.23
DISCCART	732196.38	4052506.50	67.10	67.10
DISCCART	732196.38	4052531.50	66.97	66.97
DISCCART	732196.38	4052556.50	66.85	66.85
DISCCART	732196.38	4052581.50	66.75	66.75
DISCCART	732196.38	4052606.50	66.64	66.64
DISCCART	732196.38	4052631.50	66.52	66.52
DISCCART	732196.38	4052656.50	66.40	66.40
DISCCART	732196.38	4052681.50	66.32	66.32
DISCCART	732196.38	4052706.50	66.24	66.24
DISCCART	732196.38	4052731.50	66.14	66.14
DISCCART	732196.38	4052756.50	66.05	66.05
DISCCART	732196.38	4052781.50	65.98	65.98
DISCCART	732196.38	4052806.50	65.90	65.90
DISCCART	732196.38	4052831.50	65.84	65.84
DISCCART	732196.38	4052856.50	65.75	65.75
DISCCART	732196.38	4052881.50	65.66	65.66
DISCCART	732196.38	4052906.50	65.60	65.60
DISCCART	732196.38	4052931.50	65.52	65.52
DISCCART	732196.38	4052956.50	65.44	65.44
DISCCART	732196.38	4052981.50	65.34	65.34
DISCCART	732196.38	4053006.50	65.25	65.25
DISCCART	732196.38	4053031.50	65.22	65.22
DISCCART	732196.38	4053056.50	65.14	65.14
DISCCART	732196.38	4053081.50	65.04	65.04
DISCCART	732196.38	4053106.50	64.95	64.95
DISCCART	732196.38	4053131.50	64.93	64.93
DISCCART	732196.38	4053156.50	64.84	64.84
DISCCART	732196.38	4053181.50	64.77	64.77
DISCCART	732196.38	4053206.50	64.71	64.71
DISCCART	732196.38	4053981.50	63.04	63.04
DISCCART	732196.38	4054006.50	63.04	63.04
DISCCART	732196.38	4054031.50	62.96	62.96
DISCCART	732196.38	4054056.50	62.94	62.94
DISCCART	732196.38	4055206.50	62.53	62.53
DISCCART	732196.38	4055231.50	62.53	62.53
DISCCART	732196.38	4055256.50	62.53	62.53
DISCCART	732196.38	4055281.50	62.54	62.54
DISCCART	732196.38	4055306.50	62.54	62.54
DISCCART	732196.38	4055331.50	62.54	62.54
DISCCART	732221.38	4052331.50	67.93	67.93
DISCCART	732221.38	4052356.50	67.81	67.81
DISCCART	732221.38	4052381.50	67.65	67.65
DISCCART	732221.38	4052406.50	67.52	67.52
DISCCART	732221.38	4052431.50	67.40	67.40
DISCCART	732221.38	4052456.50	67.30	67.30
DISCCART	732221.38	4052481.50	67.17	67.17
DISCCART	732221.38	4052506.50	67.05	67.05
DISCCART	732221.38	4052531.50	66.94	66.94
DISCCART	732221.38	4052556.50	66.82	66.82
DISCCART	732221.38	4052581.50	66.70	66.70
DISCCART	732221.38	4052606.50	66.58	66.58
DISCCART	732221.38	4052631.50	66.45	66.45
DISCCART	732221.38	4052656.50	66.34	66.34
DISCCART	732221.38	4052681.50	66.26	66.26
DISCCART	732221.38	4052706.50	66.17	66.17
DISCCART	732221.38	4052731.50	66.10	66.10
DISCCART	732221.38	4052756.50	66.04	66.04
DISCCART	732221.38	4052781.50	65.94	65.94
DISCCART	732221.38	4052806.50	65.86	65.86
DISCCART	732221.38	4052831.50	65.80	65.80
DISCCART	732221.38	4052856.50	65.72	65.72
DISCCART	732221.38	4052881.50	65.64	65.64
DISCCART	732221.38	4052906.50	65.54	65.54
DISCCART	732221.38	4052931.50	65.45	65.45
DISCCART	732221.38	4052956.50	65.38	65.38
DISCCART	732221.38	4052981.50	65.30	65.30
DISCCART	732221.38	4053006.50	65.23	65.23
DISCCART	732221.38	4053031.50	65.14	65.14
DISCCART	732221.38	4053056.50	65.07	65.07
DISCCART	732221.38	4053081.50	65.00	65.00
DISCCART	732221.38	4053106.50	64.94	64.94
DISCCART	732221.38	4053131.50	64.84	64.84
DISCCART	732221.38	4053156.50	64.78	64.78
DISCCART	732221.38	4053181.50	64.74	64.74
DISCCART	732221.38	4053206.50	64.65	64.65
DISCCART	732221.38	4053231.50	64.60	64.60
DISCCART	732221.38	4053981.50	63.00	63.00
DISCCART	732221.38	4054006.50	62.94	62.94
DISCCART	732221.38	4054031.50	62.94	62.94
DISCCART	732221.38	4054056.50	62.94	62.94
DISCCART	732221.38	4055206.50	62.44	62.44
DISCCART	732221.38	4055231.50	62.44	62.44
DISCCART	732221.38	4055256.50	62.44	62.44
DISCCART	732221.38	4055281.50	62.44	62.44
DISCCART	732221.38	4055306.50	62.44	62.44
DISCCART	732221.38	4055331.50	62.49	62.49
DISCCART	732246.38	4052331.50	67.87	67.87
DISCCART	732246.38	4052356.50	67.74	67.74
DISCCART	732246.38	4052381.50	67.62	67.62
DISCCART	732246.38	4052406.50	67.49	67.49
DISCCART	732246.38	4052431.50	67.36	67.36
DISCCART	732246.38	4052456.50	67.25	67.25
DISCCART	732246.38	4052481.50	67.14	67.14
DISCCART	732246.38	4052506.50	67.00	67.00
DISCCART	732246.38	4052531.50	66.87	66.87
DISCCART	732246.38	4052556.50	66.75	66.75
DISCCART	732246.38	4052581.50	66.64	66.64
DISCCART	732246.38	4052606.50	66.54	66.54
DISCCART	732246.38	4052631.50	66.42	66.42

DISCCART	732246.38	4052656.50	66.32	66.32
DISCCART	732246.38	4052681.50	66.23	66.23
DISCCART	732246.38	4052706.50	66.14	66.14
DISCCART	732246.38	4052731.50	66.05	66.05
DISCCART	732246.38	4052756.50	65.96	65.96
DISCCART	732246.38	4052781.50	65.93	65.93
DISCCART	732246.38	4052806.50	65.84	65.84
DISCCART	732246.38	4052831.50	65.74	65.74
DISCCART	732246.38	4052856.50	65.65	65.65
DISCCART	732246.38	4052881.50	65.54	65.54
DISCCART	732246.38	4052906.50	65.50	65.50
DISCCART	732246.38	4052931.50	65.42	65.42
DISCCART	732246.38	4052956.50	65.34	65.34
DISCCART	732246.38	4052981.50	65.25	65.25
DISCCART	732246.38	4053006.50	65.15	65.15
DISCCART	732246.38	4053031.50	65.09	65.09
DISCCART	732246.38	4053056.50	65.04	65.04
DISCCART	732246.38	4053081.50	64.94	64.94
DISCCART	732246.38	4053106.50	64.86	64.86
DISCCART	732246.38	4053131.50	64.83	64.83
DISCCART	732246.38	4053156.50	64.74	64.74
DISCCART	732246.38	4053181.50	64.66	64.66
DISCCART	732246.38	4053206.50	64.61	64.61
DISCCART	732246.38	4053231.50	64.54	64.54
DISCCART	732246.38	4053981.50	62.94	62.94
DISCCART	732246.38	4054006.50	62.94	62.94
DISCCART	732246.38	4054031.50	62.93	62.93
DISCCART	732246.38	4054056.50	62.85	62.85
DISCCART	732246.38	4055206.50	62.42	62.42
DISCCART	732246.38	4055231.50	62.43	62.43
DISCCART	732246.38	4055256.50	62.44	62.44
DISCCART	732246.38	4055281.50	62.44	62.44
DISCCART	732246.38	4055306.50	62.44	62.44
DISCCART	732246.38	4055331.50	62.44	62.44
DISCCART	732271.38	4052331.50	67.80	67.80
DISCCART	732271.38	4052356.50	67.68	67.68
DISCCART	732271.38	4052381.50	67.55	67.55
DISCCART	732271.38	4052406.50	67.43	67.43
DISCCART	732271.38	4052431.50	67.30	67.30
DISCCART	732271.38	4052456.50	67.17	67.17
DISCCART	732271.38	4052481.50	67.05	67.05
DISCCART	732271.38	4052506.50	66.94	66.94
DISCCART	732271.38	4052531.50	66.84	66.84
DISCCART	732271.38	4052556.50	66.72	66.72
DISCCART	732271.38	4052581.50	66.58	66.58
DISCCART	732271.38	4052606.50	66.48	66.48
DISCCART	732271.38	4052631.50	66.36	66.36
DISCCART	732271.38	4052656.50	66.28	66.28
DISCCART	732271.38	4052681.50	66.18	66.18
DISCCART	732271.38	4052706.50	66.11	66.11
DISCCART	732271.38	4052731.50	66.04	66.04
DISCCART	732271.38	4052756.50	65.94	65.94
DISCCART	732271.38	4052781.50	65.85	65.85
DISCCART	732271.38	4052806.50	65.75	65.75
DISCCART	732271.38	4052831.50	65.70	65.70
DISCCART	732271.38	4052856.50	65.61	65.61
DISCCART	732271.38	4052881.50	65.54	65.54
DISCCART	732271.38	4052906.50	65.44	65.44
DISCCART	732271.38	4052931.50	65.36	65.36
DISCCART	732271.38	4052956.50	65.27	65.27
DISCCART	732271.38	4052981.50	65.23	65.23
DISCCART	732271.38	4053006.50	65.13	65.13
DISCCART	732271.38	4053031.50	65.04	65.04
DISCCART	732271.38	4053056.50	64.96	64.96
DISCCART	732271.38	4053081.50	64.90	64.90
DISCCART	732271.38	4053106.50	64.84	64.84
DISCCART	732271.38	4053131.50	64.74	64.74
DISCCART	732271.38	4053156.50	64.68	64.68
DISCCART	732271.38	4053181.50	64.64	64.64
DISCCART	732271.38	4053206.50	64.54	64.54
DISCCART	732271.38	4053231.50	64.50	64.50
DISCCART	732271.38	4053981.50	62.94	62.94
DISCCART	732271.38	4054006.50	62.94	62.94
DISCCART	732271.38	4054031.50	62.88	62.88
DISCCART	732271.38	4054056.50	62.84	62.84
DISCCART	732271.38	4055206.50	62.34	62.34
DISCCART	732271.38	4055231.50	62.34	62.34
DISCCART	732271.38	4055256.50	62.34	62.34
DISCCART	732271.38	4055281.50	62.34	62.34
DISCCART	732271.38	4055306.50	62.36	62.36
DISCCART	732271.38	4055331.50	62.39	62.39
DISCCART	732296.38	4052331.50	67.72	67.72
DISCCART	732296.38	4052356.50	67.61	67.61
DISCCART	732296.38	4052381.50	67.48	67.48
DISCCART	732296.38	4052406.50	67.36	67.36
DISCCART	732296.38	4052431.50	67.25	67.25
DISCCART	732296.38	4052456.50	67.11	67.11
DISCCART	732296.38	4052481.50	66.97	66.97
DISCCART	732296.38	4052506.50	66.91	66.91
DISCCART	732296.38	4052531.50	66.77	66.77
DISCCART	732296.38	4052556.50	66.64	66.64
DISCCART	732296.38	4052581.50	66.54	66.54
DISCCART	732296.38	4052606.50	66.42	66.42
DISCCART	732296.38	4052631.50	66.33	66.33
DISCCART	732296.38	4052656.50	66.24	66.24
DISCCART	732296.38	4052681.50	66.15	66.15
DISCCART	732296.38	4052706.50	66.06	66.06
DISCCART	732296.38	4052731.50	65.97	65.97
DISCCART	732296.38	4052756.50	65.90	65.90
DISCCART	732296.38	4052781.50	65.84	65.84
DISCCART	732296.38	4052806.50	65.74	65.74
DISCCART	732296.38	4052831.50	65.65	65.65
DISCCART	732296.38	4052856.50	65.54	65.54
DISCCART	732296.38	4052881.50	65.47	65.47
DISCCART	732296.38	4052906.50	65.41	65.41
DISCCART	732296.38	4052931.50	65.32	65.32
DISCCART	732296.38	4052956.50	65.24	65.24
DISCCART	732296.38	4052981.50	65.15	65.15
DISCCART	732296.38	4053006.50	65.06	65.06
DISCCART	732296.38	4053031.50	64.99	64.99
DISCCART	732296.38	4053056.50	64.94	64.94
DISCCART	732296.38	4053081.50	64.84	64.84
DISCCART	732296.38	4053106.50	64.76	64.76
DISCCART	732296.38	4053131.50	64.73	64.73
DISCCART	732296.38	4053156.50	64.64	64.64
DISCCART	732296.38	4053181.50	64.54	64.54
DISCCART	732296.38	4053206.50	64.52	64.52
DISCCART	732296.38	4053231.50	64.44	64.44
DISCCART	732296.38	4053981.50	62.93	62.93
DISCCART	732296.38	4054006.50	62.84	62.84
DISCCART	732296.38	4054031.50	62.84	62.84
DISCCART	732296.38	4054056.50	62.84	62.84
DISCCART	732296.38	4055206.50	62.33	62.33
DISCCART	732296.38	4055231.50	62.34	62.34

DISCCART	732296.38	4055256.50	62.34	62.34
DISCCART	732296.38	4055281.50	62.34	62.34
DISCCART	732296.38	4055306.50	62.34	62.34
DISCCART	732296.38	4055331.50	62.34	62.34
DISCCART	732321.38	4052331.50	67.65	67.65
DISCCART	732321.38	4052356.50	67.53	67.53
DISCCART	732321.38	4052381.50	67.44	67.44
DISCCART	732321.38	4052406.50	67.31	67.31
DISCCART	732321.38	4052431.50	67.16	67.16
DISCCART	732321.38	4052456.50	67.04	67.04
DISCCART	732321.38	4052481.50	66.95	66.95
DISCCART	732321.38	4052506.50	66.83	66.83
DISCCART	732321.38	4052531.50	66.70	66.70
DISCCART	732321.38	4052556.50	66.62	66.62
DISCCART	732321.38	4052581.50	66.48	66.48
DISCCART	732321.38	4052606.50	66.38	66.38
DISCCART	732321.38	4052631.50	66.28	66.28
DISCCART	732321.38	4052656.50	66.20	66.20
DISCCART	732321.38	4052681.50	66.10	66.10
DISCCART	732321.38	4052706.50	66.02	66.02
DISCCART	732321.38	4052731.50	65.94	65.94
DISCCART	732321.38	4052756.50	65.85	65.85
DISCCART	732321.38	4052781.50	65.75	65.75
DISCCART	732321.38	4052806.50	65.68	65.68
DISCCART	732321.38	4052831.50	65.60	65.60
DISCCART	732321.38	4052856.50	65.52	65.52
DISCCART	732321.38	4052881.50	65.44	65.44
DISCCART	732321.38	4052906.50	65.34	65.34
DISCCART	732321.38	4052931.50	65.26	65.26
DISCCART	732321.38	4052956.50	65.17	65.17
DISCCART	732321.38	4052981.50	65.10	65.10
DISCCART	732321.38	4053006.50	65.04	65.04
DISCCART	732321.38	4053031.50	64.94	64.94
DISCCART	732321.38	4053056.50	64.85	64.85
DISCCART	732321.38	4053081.50	64.80	64.80
DISCCART	732321.38	4053106.50	64.74	64.74
DISCCART	732321.38	4053131.50	64.64	64.64
DISCCART	732321.38	4053156.50	64.58	64.58
DISCCART	732321.38	4053181.50	64.54	64.54
DISCCART	732321.38	4053206.50	64.44	64.44
DISCCART	732321.38	4053231.50	64.40	64.40
DISCCART	732321.38	4053981.50	62.84	62.84
DISCCART	732321.38	4054006.50	62.84	62.84
DISCCART	732321.38	4054031.50	62.84	62.84
DISCCART	732321.38	4054056.50	62.77	62.77
DISCCART	732321.38	4055231.50	62.24	62.24
DISCCART	732321.38	4055256.50	62.24	62.24
DISCCART	732321.38	4055281.50	62.24	62.24
DISCCART	732321.38	4055306.50	62.29	62.29
DISCCART	732321.38	4055331.50	62.34	62.34
DISCCART	732346.38	4052331.50	67.57	67.57
DISCCART	732346.38	4052356.50	67.46	67.46
DISCCART	732346.38	4052381.50	67.35	67.35
DISCCART	732346.38	4052406.50	67.24	67.24
DISCCART	732346.38	4052431.50	67.13	67.13
DISCCART	732346.38	4052456.50	67.01	67.01
DISCCART	732346.38	4052481.50	66.88	66.88
DISCCART	732346.38	4052506.50	66.74	66.74
DISCCART	732346.38	4052531.50	66.64	66.64
DISCCART	732346.38	4052556.50	66.54	66.54
DISCCART	732346.38	4052581.50	66.43	66.43
DISCCART	732346.38	4052606.50	66.34	66.34
DISCCART	732346.38	4052631.50	66.24	66.24
DISCCART	732346.38	4052656.50	66.15	66.15
DISCCART	732346.38	4052681.50	66.05	66.05
DISCCART	732346.38	4052706.50	65.96	65.96
DISCCART	732346.38	4052731.50	65.87	65.87
DISCCART	732346.38	4052756.50	65.81	65.81
DISCCART	732346.38	4052781.50	65.74	65.74
DISCCART	732346.38	4052806.50	65.64	65.64
DISCCART	732346.38	4052831.50	65.55	65.55
DISCCART	732346.38	4052856.50	65.44	65.44
DISCCART	732346.38	4052881.50	65.37	65.37
DISCCART	732346.38	4052906.50	65.30	65.30
DISCCART	732346.38	4052931.50	65.22	65.22
DISCCART	732346.38	4052956.50	65.14	65.14
DISCCART	732346.38	4052981.50	65.05	65.05
DISCCART	732346.38	4053006.50	64.96	64.96
DISCCART	732346.38	4053031.50	64.88	64.88
DISCCART	732346.38	4053056.50	64.84	64.84
DISCCART	732346.38	4053081.50	64.74	64.74
DISCCART	732346.38	4053106.50	64.65	64.65
DISCCART	732346.38	4053131.50	64.63	64.63
DISCCART	732346.38	4053156.50	64.54	64.54
DISCCART	732346.38	4053181.50	64.46	64.46
DISCCART	732346.38	4053206.50	64.43	64.43
DISCCART	732346.38	4053231.50	64.34	64.34
DISCCART	732346.38	4053981.50	62.84	62.84
DISCCART	732346.38	4054006.50	62.84	62.84
DISCCART	732346.38	4054031.50	62.78	62.78
DISCCART	732346.38	4054056.50	62.74	62.74
DISCCART	732346.38	4055231.50	62.24	62.24
DISCCART	732346.38	4055256.50	62.24	62.24
DISCCART	732346.38	4055281.50	62.24	62.24
DISCCART	732346.38	4055306.50	62.24	62.24
DISCCART	732346.38	4055331.50	62.24	62.24
DISCCART	732371.38	4052331.50	67.50	67.50
DISCCART	732371.38	4052356.50	67.41	67.41
DISCCART	732371.38	4052381.50	67.26	67.26
DISCCART	732371.38	4052406.50	67.17	67.17
DISCCART	732371.38	4052431.50	67.05	67.05
DISCCART	732371.38	4052456.50	66.93	66.93
DISCCART	732371.38	4052481.50	66.84	66.84
DISCCART	732371.38	4052506.50	66.72	66.72
DISCCART	732371.38	4052531.50	66.61	66.61
DISCCART	732371.38	4052556.50	66.48	66.48
DISCCART	732371.38	4052581.50	66.38	66.38
DISCCART	732371.38	4052606.50	66.28	66.28
DISCCART	732371.38	4052631.50	66.20	66.20
DISCCART	732371.38	4052656.50	66.10	66.10
DISCCART	732371.38	4052681.50	66.04	66.04
DISCCART	732371.38	4052706.50	65.94	65.94
DISCCART	732371.38	4052731.50	65.84	65.84
DISCCART	732371.38	4052756.50	65.74	65.74
DISCCART	732371.38	4052781.50	65.65	65.65
DISCCART	732371.38	4052806.50	65.58	65.58
DISCCART	732371.38	4052831.50	65.50	65.50
DISCCART	732371.38	4052856.50	65.43	65.43
DISCCART	732371.38	4052881.50	65.34	65.34
DISCCART	732371.38	4052906.50	65.25	65.25
DISCCART	732371.38	4052931.50	65.16	65.16
DISCCART	732371.38	4052956.50	65.08	65.08
DISCCART	732371.38	4052981.50	65.00	65.00
DISCCART	732371.38	4053006.50	64.92	64.92

DISCCART	732371.38	4053031.50	64.84	64.84
DISCCART	732371.38	4053056.50	64.75	64.75
DISCCART	732371.38	4053081.50	64.70	64.70
DISCCART	732371.38	4053106.50	64.64	64.64
DISCCART	732371.38	4053131.50	64.54	64.54
DISCCART	732371.38	4053156.50	64.48	64.48
DISCCART	732371.38	4053181.50	64.44	64.44
DISCCART	732371.38	4053206.50	64.34	64.34
DISCCART	732371.38	4053231.50	64.30	64.30
DISCCART	732371.38	4053981.50	62.80	62.80
DISCCART	732371.38	4054006.50	62.74	62.74
DISCCART	732371.38	4054031.50	62.74	62.74
DISCCART	732371.38	4054056.50	62.74	62.74
DISCCART	732371.38	4055231.50	62.14	62.14
DISCCART	732371.38	4055256.50	62.19	62.19
DISCCART	732371.38	4055281.50	62.19	62.19
DISCCART	732371.38	4055306.50	62.24	62.24
DISCCART	732371.38	4055331.50	62.24	62.24
DISCCART	732396.38	4052331.50	67.45	67.45
DISCCART	732396.38	4052356.50	67.34	67.34
DISCCART	732396.38	4052381.50	67.23	67.23
DISCCART	732396.38	4052406.50	67.11	67.11
DISCCART	732396.38	4052431.50	66.98	66.98
DISCCART	732396.38	4052456.50	66.84	66.84
DISCCART	732396.38	4052481.50	66.77	66.77
DISCCART	732396.38	4052506.50	66.65	66.65
DISCCART	732396.38	4052531.50	66.53	66.53
DISCCART	732396.38	4052556.50	66.44	66.44
DISCCART	732396.38	4052581.50	66.33	66.33
DISCCART	732396.38	4052606.50	66.25	66.25
DISCCART	732396.38	4052631.50	66.15	66.15
DISCCART	732396.38	4052656.50	66.05	66.05
DISCCART	732396.38	4052681.50	65.96	65.96
DISCCART	732396.38	4052706.50	65.90	65.90
DISCCART	732396.38	4052731.50	65.83	65.83
DISCCART	732396.38	4052756.50	65.72	65.72
DISCCART	732396.38	4052781.50	65.64	65.64
DISCCART	732396.38	4052806.50	65.54	65.54
DISCCART	732396.38	4052831.50	65.45	65.45
DISCCART	732396.38	4052856.50	65.35	65.35
DISCCART	732396.38	4052881.50	65.29	65.29
DISCCART	732396.38	4052906.50	65.22	65.22
DISCCART	732396.38	4052931.50	65.13	65.13
DISCCART	732396.38	4052956.50	65.05	65.05
DISCCART	732396.38	4052981.50	64.95	64.95
DISCCART	732396.38	4053006.50	64.86	64.86
DISCCART	732396.38	4053031.50	64.77	64.77
DISCCART	732396.38	4053056.50	64.74	64.74
DISCCART	732396.38	4053081.50	64.64	64.64
DISCCART	732396.38	4053106.50	64.55	64.55
DISCCART	732396.38	4053131.50	64.53	64.53
DISCCART	732396.38	4053156.50	64.44	64.44
DISCCART	732396.38	4053181.50	64.37	64.37
DISCCART	732396.38	4053206.50	64.34	64.34
DISCCART	732396.38	4053231.50	64.24	64.24
DISCCART	732396.38	4053981.50	62.74	62.74
DISCCART	732396.38	4054006.50	62.74	62.74
DISCCART	732396.38	4054031.50	62.74	62.74
DISCCART	732396.38	4054056.50	62.66	62.66
DISCCART	732396.38	4055231.50	62.14	62.14
DISCCART	732396.38	4055256.50	62.14	62.14
DISCCART	732396.38	4055281.50	62.14	62.14
DISCCART	732396.38	4055306.50	62.14	62.14
DISCCART	732396.38	4055331.50	62.14	62.14
DISCCART	732421.38	4052331.50	67.35	67.35
DISCCART	732421.38	4052356.50	67.24	67.24
DISCCART	732421.38	4052381.50	67.14	67.14
DISCCART	732421.38	4052406.50	67.03	67.03
DISCCART	732421.38	4052431.50	66.94	66.94
DISCCART	732421.38	4052456.50	66.83	66.83
DISCCART	732421.38	4052481.50	66.70	66.70
DISCCART	732421.38	4052506.50	66.57	66.57
DISCCART	732421.38	4052531.50	66.48	66.48
DISCCART	732421.38	4052556.50	66.38	66.38
DISCCART	732421.38	4052581.50	66.27	66.27
DISCCART	732421.38	4052606.50	66.20	66.20
DISCCART	732421.38	4052631.50	66.10	66.10
DISCCART	732421.38	4052656.50	66.02	66.02
DISCCART	732421.38	4052681.50	65.94	65.94
DISCCART	732421.38	4052706.50	65.94	65.94
DISCCART	732421.38	4052731.50	65.74	65.74
DISCCART	732421.38	4052756.50	65.64	65.64
DISCCART	732421.38	4052781.50	65.58	65.58
DISCCART	732421.38	4052806.50	65.52	65.52
DISCCART	732421.38	4052831.50	65.43	65.43
DISCCART	732421.38	4052856.50	65.33	65.33
DISCCART	732421.38	4052881.50	65.23	65.23
DISCCART	732421.38	4052906.50	65.15	65.15
DISCCART	732421.38	4052931.50	65.06	65.06
DISCCART	732421.38	4052956.50	64.98	64.98
DISCCART	732421.38	4052981.50	64.90	64.90
DISCCART	732421.38	4053006.50	64.84	64.84
DISCCART	732421.38	4053031.50	64.74	64.74
DISCCART	732421.38	4053056.50	64.67	64.67
DISCCART	732421.38	4053081.50	64.60	64.60
DISCCART	732421.38	4053106.50	64.54	64.54
DISCCART	732421.38	4053131.50	64.46	64.46
DISCCART	732421.38	4053156.50	64.42	64.42
DISCCART	732421.38	4053181.50	64.34	64.34
DISCCART	732421.38	4053206.50	64.24	64.24
DISCCART	732421.38	4053231.50	64.20	64.20
DISCCART	732421.38	4053981.50	62.74	62.74
DISCCART	732421.38	4054006.50	62.74	62.74
DISCCART	732421.38	4054031.50	62.66	62.66
DISCCART	732421.38	4054056.50	62.64	62.64
DISCCART	732421.38	4055231.50	62.09	62.09
DISCCART	732421.38	4055256.50	62.09	62.09
DISCCART	732421.38	4055281.50	62.14	62.14
DISCCART	732421.38	4055306.50	62.14	62.14
DISCCART	732421.38	4055331.50	62.14	62.14
DISCCART	732446.38	4052331.50	67.28	67.28
DISCCART	732446.38	4052356.50	67.20	67.20
DISCCART	732446.38	4052381.50	67.07	67.07
DISCCART	732446.38	4052406.50	66.95	66.95
DISCCART	732446.38	4052431.50	66.84	66.84
DISCCART	732446.38	4052456.50	66.74	66.74
DISCCART	732446.38	4052481.50	66.63	66.63
DISCCART	732446.38	4052506.50	66.51	66.51
DISCCART	732446.38	4052531.50	66.42	66.42
DISCCART	732446.38	4052556.50	66.34	66.34
DISCCART	732446.38	4052581.50	66.24	66.24
DISCCART	732446.38	4052606.50	66.14	66.14
DISCCART	732446.38	4052631.50	66.05	66.05
DISCCART	732446.38	4052656.50	65.96	65.96

DISCCART	732446.38	4052681.50	65.86	65.86
DISCCART	732446.38	4052706.50	65.80	65.80
DISCCART	732446.38	4052731.50	65.73	65.73
DISCCART	732446.38	4052756.50	65.64	65.64
DISCCART	732446.38	4052781.50	65.54	65.54
DISCCART	732446.38	4052806.50	65.44	65.44
DISCCART	732446.38	4052831.50	65.35	65.35
DISCCART	732446.38	4052856.50	65.26	65.26
DISCCART	732446.38	4052881.50	65.19	65.19
DISCCART	732446.38	4052906.50	65.11	65.11
DISCCART	732446.38	4052931.50	65.04	65.04
DISCCART	732446.38	4052956.50	64.95	64.95
DISCCART	732446.38	4052981.50	64.85	64.85
DISCCART	732446.38	4053006.50	64.76	64.76
DISCCART	732446.38	4053031.50	64.73	64.73
DISCCART	732446.38	4053056.50	64.64	64.64
DISCCART	732446.38	4053081.50	64.54	64.54
DISCCART	732446.38	4053106.50	64.51	64.51
DISCCART	732446.38	4053131.50	64.44	64.44
DISCCART	732446.38	4053156.50	64.34	64.34
DISCCART	732446.38	4053181.50	64.28	64.28
DISCCART	732446.38	4053206.50	64.24	64.24
DISCCART	732446.38	4053231.50	64.14	64.14
DISCCART	732446.38	4053981.50	62.73	62.73
DISCCART	732446.38	4054006.50	62.64	62.64
DISCCART	732446.38	4054031.50	62.64	62.64
DISCCART	732446.38	4054056.50	62.64	62.64
DISCCART	732446.38	4055231.50	62.04	62.04
DISCCART	732446.38	4055256.50	62.04	62.04
DISCCART	732446.38	4055281.50	62.04	62.04
DISCCART	732446.38	4055306.50	62.04	62.04
DISCCART	732446.38	4055331.50	62.04	62.04
DISCCART	732471.38	4052331.50	67.24	67.24
DISCCART	732471.38	4052356.50	67.13	67.13
DISCCART	732471.38	4052381.50	67.00	67.00
DISCCART	732471.38	4052406.50	66.93	66.93
DISCCART	732471.38	4052431.50	66.79	66.79
DISCCART	732471.38	4052456.50	66.68	66.68
DISCCART	732471.38	4052481.50	66.56	66.56
DISCCART	732471.38	4052506.50	66.45	66.45
DISCCART	732471.38	4052531.50	66.36	66.36
DISCCART	732471.38	4052556.50	66.26	66.26
DISCCART	732471.38	4052581.50	66.17	66.17
DISCCART	732471.38	4052606.50	66.10	66.10
DISCCART	732471.38	4052631.50	66.00	66.00
DISCCART	732471.38	4052656.50	65.92	65.92
DISCCART	732471.38	4052681.50	65.84	65.84
DISCCART	732471.38	4052706.50	65.74	65.74
DISCCART	732471.38	4052731.50	65.66	65.66
DISCCART	732471.38	4052756.50	65.54	65.54
DISCCART	732471.38	4052781.50	65.48	65.48
DISCCART	732471.38	4052806.50	65.41	65.41
DISCCART	732471.38	4052831.50	65.33	65.33
DISCCART	732471.38	4052856.50	65.24	65.24
DISCCART	732471.38	4052881.50	65.14	65.14
DISCCART	732471.38	4052906.50	65.06	65.06
DISCCART	732471.38	4052931.50	64.97	64.97
DISCCART	732471.38	4052956.50	64.90	64.90
DISCCART	732471.38	4052981.50	64.84	64.84
DISCCART	732471.38	4053006.50	64.74	64.74
DISCCART	732471.38	4053031.50	64.65	64.65
DISCCART	732471.38	4053056.50	64.57	64.57
DISCCART	732471.38	4053081.50	64.54	64.54
DISCCART	732471.38	4053106.50	64.44	64.44
DISCCART	732471.38	4053131.50	64.36	64.36
DISCCART	732471.38	4053156.50	64.32	64.32
DISCCART	732471.38	4053181.50	64.24	64.24
DISCCART	732471.38	4053206.50	64.15	64.15
DISCCART	732471.38	4053231.50	64.10	64.10
DISCCART	732471.38	4053981.50	62.64	62.64
DISCCART	732471.38	4054006.50	62.64	62.64
DISCCART	732471.38	4054031.50	62.64	62.64
DISCCART	732471.38	4054056.50	62.57	62.57
DISCCART	732471.38	4055231.50	62.03	62.03
DISCCART	732471.38	4055256.50	62.04	62.04
DISCCART	732471.38	4055281.50	62.04	62.04
DISCCART	732471.38	4055306.50	62.04	62.04
DISCCART	732471.38	4055331.50	62.04	62.04
DISCCART	732496.38	4052331.50	67.15	67.15
DISCCART	732496.38	4052356.50	67.03	67.03
DISCCART	732496.38	4052381.50	66.94	66.94
DISCCART	732496.38	4052406.50	66.84	66.84
DISCCART	732496.38	4052431.50	66.72	66.72
DISCCART	732496.38	4052456.50	66.61	66.61
DISCCART	732496.38	4052481.50	66.52	66.52
DISCCART	732496.38	4052506.50	66.39	66.39
DISCCART	732496.38	4052531.50	66.32	66.32
DISCCART	732496.38	4052556.50	66.21	66.21
DISCCART	732496.38	4052581.50	66.14	66.14
DISCCART	732496.38	4052606.50	66.04	66.04
DISCCART	732496.38	4052631.50	65.95	65.95
DISCCART	732496.38	4052656.50	65.85	65.85
DISCCART	732496.38	4052681.50	65.77	65.77
DISCCART	732496.38	4052706.50	65.71	65.71
DISCCART	732496.38	4052731.50	65.63	65.63
DISCCART	732496.38	4052756.50	65.54	65.54
DISCCART	732496.38	4052781.50	65.44	65.44
DISCCART	732496.38	4052806.50	65.35	65.35
DISCCART	732496.38	4052831.50	65.27	65.27
DISCCART	732496.38	4052856.50	65.16	65.16
DISCCART	732496.38	4052881.50	65.08	65.08
DISCCART	732496.38	4052906.50	65.01	65.01
DISCCART	732496.38	4052931.50	64.94	64.94
DISCCART	732496.38	4052956.50	64.84	64.84
DISCCART	732496.38	4052981.50	64.76	64.76
DISCCART	732496.38	4053006.50	64.70	64.70
DISCCART	732496.38	4053031.50	64.63	64.63
DISCCART	732496.38	4053056.50	64.54	64.54
DISCCART	732496.38	4053081.50	64.44	64.44
DISCCART	732496.38	4053106.50	64.41	64.41
DISCCART	732496.38	4053131.50	64.33	64.33
DISCCART	732496.38	4053156.50	64.24	64.24
DISCCART	732496.38	4053181.50	64.18	64.18
DISCCART	732496.38	4053206.50	64.14	64.14
DISCCART	732496.38	4053231.50	64.04	64.04
DISCCART	732496.38	4053981.50	62.64	62.64
DISCCART	732496.38	4054006.50	62.64	62.64
DISCCART	732496.38	4054031.50	62.56	62.56
DISCCART	732496.38	4054056.50	62.54	62.54
DISCCART	732496.38	4054081.50	62.54	62.54
DISCCART	732496.38	4055231.50	61.94	61.94
DISCCART	732496.38	4055256.50	61.94	61.94
DISCCART	732496.38	4055281.50	61.94	61.94
DISCCART	732496.38	4055306.50	61.94	61.94

DISCCART	732496.38	4055331.50	61.94	61.94
DISCCART	732521.38	4052331.50	67.08	67.08
DISCCART	732521.38	4052356.50	66.97	66.97
DISCCART	732521.38	4052381.50	66.86	66.86
DISCCART	732521.38	4052406.50	66.75	66.75
DISCCART	732521.38	4052431.50	66.65	66.65
DISCCART	732521.38	4052456.50	66.55	66.55
DISCCART	732521.38	4052481.50	66.44	66.44
DISCCART	732521.38	4052506.50	66.35	66.35
DISCCART	732521.38	4052531.50	66.24	66.24
DISCCART	732521.38	4052556.50	66.15	66.15
DISCCART	732521.38	4052581.50	66.06	66.06
DISCCART	732521.38	4052606.50	65.97	65.97
DISCCART	732521.38	4052631.50	65.90	65.90
DISCCART	732521.38	4052656.50	65.83	65.83
DISCCART	732521.38	4052681.50	65.74	65.74
DISCCART	732521.38	4052706.50	65.64	65.64
DISCCART	732521.38	4052731.50	65.56	65.56
DISCCART	732521.38	4052756.50	65.47	65.47
DISCCART	732521.38	4052781.50	65.38	65.38
DISCCART	732521.38	4052806.50	65.30	65.30
DISCCART	732521.38	4052831.50	65.23	65.23
DISCCART	732521.38	4052856.50	65.14	65.14
DISCCART	732521.38	4052881.50	65.04	65.04
DISCCART	732521.38	4052906.50	64.95	64.95
DISCCART	732521.38	4052931.50	64.86	64.86
DISCCART	732521.38	4052956.50	64.81	64.81
DISCCART	732521.38	4052981.50	64.74	64.74
DISCCART	732521.38	4053006.50	64.64	64.64
DISCCART	732521.38	4053031.50	64.55	64.55
DISCCART	732521.38	4053056.50	64.53	64.53
DISCCART	732521.38	4053081.50	64.44	64.44
DISCCART	732521.38	4053106.50	64.34	64.34
DISCCART	732521.38	4053131.50	64.26	64.26
DISCCART	732521.38	4053156.50	64.22	64.22
DISCCART	732521.38	4053181.50	64.14	64.14
DISCCART	732521.38	4053206.50	64.05	64.05
DISCCART	732521.38	4053231.50	64.00	64.00
DISCCART	732521.38	4053981.50	62.64	62.64
DISCCART	732521.38	4054006.50	62.55	62.55
DISCCART	732521.38	4054031.50	62.54	62.54
DISCCART	732521.38	4054056.50	62.54	62.54
DISCCART	732521.38	4054081.50	62.50	62.50
DISCCART	732521.38	4055231.50	61.94	61.94
DISCCART	732521.38	4055256.50	61.94	61.94
DISCCART	732521.38	4055281.50	61.94	61.94
DISCCART	732521.38	4055306.50	61.94	61.94
DISCCART	732521.38	4055331.50	61.94	61.94
DISCCART	732546.38	4052331.50	67.02	67.02
DISCCART	732546.38	4052356.50	66.90	66.90
DISCCART	732546.38	4052381.50	66.79	66.79
DISCCART	732546.38	4052406.50	66.70	66.70
DISCCART	732546.38	4052431.50	66.58	66.58
DISCCART	732546.38	4052456.50	66.46	66.46
DISCCART	732546.38	4052481.50	66.37	66.37
DISCCART	732546.38	4052506.50	66.29	66.29
DISCCART	732546.38	4052531.50	66.17	66.17
DISCCART	732546.38	4052556.50	66.11	66.11
DISCCART	732546.38	4052581.50	66.04	66.04
DISCCART	732546.38	4052606.50	65.94	65.94
DISCCART	732546.38	4052631.50	65.85	65.85
DISCCART	732546.38	4052656.50	65.75	65.75
DISCCART	732546.38	4052681.50	65.68	65.68
DISCCART	732546.38	4052706.50	65.61	65.61
DISCCART	732546.38	4052731.50	65.52	65.52
DISCCART	732546.38	4052756.50	65.44	65.44
DISCCART	732546.38	4052781.50	65.34	65.34
DISCCART	732546.38	4052806.50	65.25	65.25
DISCCART	732546.38	4052831.50	65.17	65.17
DISCCART	732546.38	4052856.50	65.09	65.09
DISCCART	732546.38	4052881.50	65.03	65.03
DISCCART	732546.38	4052906.50	64.94	64.94
DISCCART	732546.38	4052931.50	64.84	64.84
DISCCART	732546.38	4052956.50	64.74	64.74
DISCCART	732546.38	4052981.50	64.66	64.66
DISCCART	732546.38	4053006.50	64.61	64.61
DISCCART	732546.38	4053031.50	64.54	64.54
DISCCART	732546.38	4053056.50	64.44	64.44
DISCCART	732546.38	4053081.50	64.38	64.38
DISCCART	732546.38	4053106.50	64.31	64.31
DISCCART	732546.38	4053131.50	64.24	64.24
DISCCART	732546.38	4053156.50	64.15	64.15
DISCCART	732546.38	4053181.50	64.08	64.08
DISCCART	732546.38	4053206.50	64.01	64.01
DISCCART	732546.38	4053231.50	63.94	63.94
DISCCART	732546.38	4053981.50	62.54	62.54
DISCCART	732546.38	4054006.50	62.54	62.54
DISCCART	732546.38	4054031.50	62.54	62.54
DISCCART	732546.38	4054056.50	62.50	62.50
DISCCART	732546.38	4054081.50	62.44	62.44
DISCCART	732546.38	4055231.50	61.84	61.84
DISCCART	732546.38	4055256.50	61.84	61.84
DISCCART	732546.38	4055281.50	61.84	61.84
DISCCART	732546.38	4055306.50	61.84	61.84
DISCCART	732546.38	4055331.50	61.85	61.85
DISCCART	732571.38	4052331.50	66.94	66.94
DISCCART	732571.38	4052356.50	66.85	66.85
DISCCART	732571.38	4052381.50	66.73	66.73
DISCCART	732571.38	4052406.50	66.62	66.62
DISCCART	732571.38	4052431.50	66.50	66.50
DISCCART	732571.38	4052456.50	66.40	66.40
DISCCART	732571.38	4052481.50	66.34	66.34
DISCCART	732571.38	4052506.50	66.24	66.24
DISCCART	732571.38	4052531.50	66.14	66.14
DISCCART	732571.38	4052556.50	66.04	66.04
DISCCART	732571.38	4052581.50	65.95	65.95
DISCCART	732571.38	4052606.50	65.88	65.88
DISCCART	732571.38	4052631.50	65.80	65.80
DISCCART	732571.38	4052656.50	65.73	65.73
DISCCART	732571.38	4052681.50	65.64	65.64
DISCCART	732571.38	4052706.50	65.55	65.55
DISCCART	732571.38	4052731.50	65.46	65.46
DISCCART	732571.38	4052756.50	65.38	65.38
DISCCART	732571.38	4052781.50	65.30	65.30
DISCCART	732571.38	4052806.50	65.22	65.22
DISCCART	732571.38	4052831.50	65.14	65.14
DISCCART	732571.38	4052856.50	65.05	65.05
DISCCART	732571.38	4052881.50	64.94	64.94
DISCCART	732571.38	4052906.50	64.85	64.85
DISCCART	732571.38	4052931.50	64.76	64.76
DISCCART	732571.38	4052956.50	64.73	64.73
DISCCART	732571.38	4052981.50	64.64	64.64
DISCCART	732571.38	4053006.50	64.54	64.54
DISCCART	732571.38	4053031.50	64.45	64.45

DISCCART	732571.38	4053056.50	64.42	64.42
DISCCART	732571.38	4053081.50	64.34	64.34
DISCCART	732571.38	4053106.50	64.25	64.25
DISCCART	732571.38	4053131.50	64.16	64.16
DISCCART	732571.38	4053156.50	64.12	64.12
DISCCART	732571.38	4053181.50	64.04	64.04
DISCCART	732571.38	4053206.50	63.95	63.95
DISCCART	732571.38	4053231.50	63.90	63.90
DISCCART	732571.38	4054006.50	62.54	62.54
DISCCART	732571.38	4054031.50	62.50	62.50
DISCCART	732571.38	4054056.50	62.44	62.44
DISCCART	732571.38	4054081.50	62.44	62.44
DISCCART	732571.38	4055231.50	61.84	61.84
DISCCART	732571.38	4055256.50	61.84	61.84
DISCCART	732571.38	4055281.50	61.84	61.84
DISCCART	732571.38	4055306.50	61.84	61.84
DISCCART	732571.38	4055331.50	61.84	61.84
DISCCART	732596.38	4052331.50	66.88	66.88
DISCCART	732596.38	4052356.50	66.76	66.76
DISCCART	732596.38	4052381.50	66.67	66.67
DISCCART	732596.38	4052406.50	66.56	66.56
DISCCART	732596.38	4052431.50	66.44	66.44
DISCCART	732596.38	4052456.50	66.35	66.35
DISCCART	732596.38	4052481.50	66.24	66.24
DISCCART	732596.38	4052506.50	66.16	66.16
DISCCART	732596.38	4052531.50	66.07	66.07
DISCCART	732596.38	4052556.50	66.00	66.00
DISCCART	732596.38	4052581.50	65.93	65.93
DISCCART	732596.38	4052606.50	65.84	65.84
DISCCART	732596.38	4052631.50	65.75	65.75
DISCCART	732596.38	4052656.50	65.65	65.65
DISCCART	732596.38	4052681.50	65.58	65.58
DISCCART	732596.38	4052706.50	65.50	65.50
DISCCART	732596.38	4052731.50	65.42	65.42
DISCCART	732596.38	4052756.50	65.34	65.34
DISCCART	732596.38	4052781.50	65.24	65.24
DISCCART	732596.38	4052806.50	65.15	65.15
DISCCART	732596.38	4052831.50	65.06	65.06
DISCCART	732596.38	4052856.50	64.99	64.99
DISCCART	732596.38	4052881.50	64.92	64.92
DISCCART	732596.38	4052906.50	64.84	64.84
DISCCART	732596.38	4052931.50	64.74	64.74
DISCCART	732596.38	4052956.50	64.64	64.64
DISCCART	732596.38	4052981.50	64.58	64.58
DISCCART	732596.38	4053006.50	64.53	64.53
DISCCART	732596.38	4053031.50	64.43	64.43
DISCCART	732596.38	4053056.50	64.34	64.34
DISCCART	732596.38	4053081.50	64.28	64.28
DISCCART	732596.38	4053106.50	64.20	64.20
DISCCART	732596.38	4053131.50	64.13	64.13
DISCCART	732596.38	4053156.50	64.04	64.04
DISCCART	732596.38	4053181.50	63.96	63.96
DISCCART	732596.38	4053206.50	63.91	63.91
DISCCART	732596.38	4053231.50	63.84	63.84
DISCCART	732596.38	4054006.50	62.54	62.54
DISCCART	732596.38	4054031.50	62.45	62.45
DISCCART	732596.38	4054056.50	62.44	62.44
DISCCART	732596.38	4054081.50	62.44	62.44
DISCCART	732596.38	4055231.50	61.74	61.74
DISCCART	732596.38	4055256.50	61.74	61.74
DISCCART	732596.38	4055281.50	61.74	61.74
DISCCART	732596.38	4055306.50	61.75	61.75
DISCCART	732596.38	4055331.50	61.76	61.76
DISCCART	732621.38	4052331.50	66.80	66.80
DISCCART	732621.38	4052356.50	66.71	66.71
DISCCART	732621.38	4052381.50	66.60	66.60
DISCCART	732621.38	4052406.50	66.50	66.50
DISCCART	732621.38	4052431.50	66.37	66.37
DISCCART	732621.38	4052456.50	66.27	66.27
DISCCART	732621.38	4052481.50	66.20	66.20
DISCCART	732621.38	4052506.50	66.13	66.13
DISCCART	732621.38	4052531.50	66.04	66.04
DISCCART	732621.38	4052556.50	65.94	65.94
DISCCART	732621.38	4052581.50	65.86	65.86
DISCCART	732621.38	4052606.50	65.77	65.77
DISCCART	732621.38	4052631.50	65.70	65.70
DISCCART	732621.38	4052656.50	65.63	65.63
DISCCART	732621.38	4052681.50	65.54	65.54
DISCCART	732621.38	4052706.50	65.45	65.45
DISCCART	732621.38	4052731.50	65.36	65.36
DISCCART	732621.38	4052756.50	65.28	65.28
DISCCART	732621.38	4052781.50	65.20	65.20
DISCCART	732621.38	4052806.50	65.12	65.12
DISCCART	732621.38	4052831.50	65.04	65.04
DISCCART	732621.38	4052856.50	64.95	64.95
DISCCART	732621.38	4052881.50	64.85	64.85
DISCCART	732621.38	4052906.50	64.77	64.77
DISCCART	732621.38	4052931.50	64.70	64.70
DISCCART	732621.38	4052956.50	64.63	64.63
DISCCART	732621.38	4052981.50	64.54	64.54
DISCCART	732621.38	4053006.50	64.44	64.44
DISCCART	732621.38	4053031.50	64.36	64.36
DISCCART	732621.38	4053056.50	64.31	64.31
DISCCART	732621.38	4053081.50	64.24	64.24
DISCCART	732621.38	4053106.50	64.15	64.15
DISCCART	732621.38	4053131.50	64.05	64.05
DISCCART	732621.38	4053156.50	64.00	64.00
DISCCART	732621.38	4053181.50	63.94	63.94
DISCCART	732621.38	4053206.50	63.85	63.85
DISCCART	732621.38	4053231.50	63.76	63.76
DISCCART	732621.38	4054006.50	62.44	62.44
DISCCART	732621.38	4054031.50	62.44	62.44
DISCCART	732621.38	4054056.50	62.43	62.43
DISCCART	732621.38	4054081.50	62.36	62.36
DISCCART	732621.38	4055231.50	61.74	61.74
DISCCART	732621.38	4055256.50	61.74	61.74
DISCCART	732621.38	4055281.50	61.74	61.74
DISCCART	732621.38	4055306.50	61.74	61.74
DISCCART	732621.38	4055331.50	61.74	61.74
DISCCART	732646.38	4052331.50	66.74	66.74
DISCCART	732646.38	4052356.50	66.64	66.64
DISCCART	732646.38	4052381.50	66.54	66.54
DISCCART	732646.38	4052406.50	66.44	66.44
DISCCART	732646.38	4052431.50	66.34	66.34
DISCCART	732646.38	4052456.50	66.24	66.24
DISCCART	732646.38	4052481.50	66.15	66.15
DISCCART	732646.38	4052506.50	66.05	66.05
DISCCART	732646.38	4052531.50	65.97	65.97
DISCCART	732646.38	4052556.50	65.90	65.90
DISCCART	732646.38	4052581.50	65.82	65.82
DISCCART	732646.38	4052606.50	65.74	65.74
DISCCART	732646.38	4052631.50	65.64	65.64
DISCCART	732646.38	4052656.50	65.55	65.55
DISCCART	732646.38	4052681.50	65.48	65.48

DISCCART	732646.38	4052706.50	65.40	65.40
DISCCART	732646.38	4052731.50	65.33	65.33
DISCCART	732646.38	4052756.50	65.24	65.24
DISCCART	732646.38	4052781.50	65.14	65.14
DISCCART	732646.38	4052806.50	65.05	65.05
DISCCART	732646.38	4052831.50	64.96	64.96
DISCCART	732646.38	4052856.50	64.90	64.90
DISCCART	732646.38	4052881.50	64.82	64.82
DISCCART	732646.38	4052906.50	64.74	64.74
DISCCART	732646.38	4052931.50	64.64	64.64
DISCCART	732646.38	4052956.50	64.54	64.54
DISCCART	732646.38	4052981.50	64.48	64.48
DISCCART	732646.38	4053006.50	64.42	64.42
DISCCART	732646.38	4053031.50	64.33	64.33
DISCCART	732646.38	4053056.50	64.24	64.24
DISCCART	732646.38	4053081.50	64.17	64.17
DISCCART	732646.38	4053106.50	64.10	64.10
DISCCART	732646.38	4053131.50	64.04	64.04
DISCCART	732646.38	4053156.50	63.94	63.94
DISCCART	732646.38	4053181.50	63.86	63.86
DISCCART	732646.38	4053206.50	63.80	63.80
DISCCART	732646.38	4053231.50	63.74	63.74
DISCCART	732646.38	4054006.50	62.44	62.44
DISCCART	732646.38	4054031.50	62.43	62.43
DISCCART	732646.38	4054056.50	62.34	62.34
DISCCART	732646.38	4054081.50	62.34	62.34
DISCCART	732646.38	4055231.50	61.68	61.68
DISCCART	732646.38	4055256.50	61.68	61.68
DISCCART	732646.38	4055281.50	61.72	61.72
DISCCART	732646.38	4055306.50	61.72	61.72
DISCCART	732646.38	4055331.50	61.72	61.72
DISCCART	732671.38	4052331.50	66.66	66.66
DISCCART	732671.38	4052356.50	66.58	66.58
DISCCART	732671.38	4052381.50	66.45	66.45
DISCCART	732671.38	4052406.50	66.38	66.38
DISCCART	732671.38	4052431.50	66.26	66.26
DISCCART	732671.38	4052456.50	66.17	66.17
DISCCART	732671.38	4052481.50	66.10	66.10
DISCCART	732671.38	4052506.50	66.03	66.03
DISCCART	732671.38	4052531.50	65.94	65.94
DISCCART	732671.38	4052556.50	65.84	65.84
DISCCART	732671.38	4052581.50	65.76	65.76
DISCCART	732671.38	4052606.50	65.67	65.67
DISCCART	732671.38	4052631.50	65.59	65.59
DISCCART	732671.38	4052656.50	65.51	65.51
DISCCART	732671.38	4052681.50	65.43	65.43
DISCCART	732671.38	4052706.50	65.34	65.34
DISCCART	732671.38	4052731.50	65.25	65.25
DISCCART	732671.38	4052756.50	65.18	65.18
DISCCART	732671.38	4052781.50	65.10	65.10
DISCCART	732671.38	4052806.50	65.02	65.02
DISCCART	732671.38	4052831.50	64.94	64.94
DISCCART	732671.38	4052856.50	64.84	64.84
DISCCART	732671.38	4052881.50	64.76	64.76
DISCCART	732671.38	4052906.50	64.67	64.67
DISCCART	732671.38	4052931.50	64.60	64.60
DISCCART	732671.38	4052956.50	64.53	64.53
DISCCART	732671.38	4052981.50	64.44	64.44
DISCCART	732671.38	4053006.50	64.35	64.35
DISCCART	732671.38	4053031.50	64.25	64.25
DISCCART	732671.38	4053056.50	64.20	64.20
DISCCART	732671.38	4053081.50	64.14	64.14
DISCCART	732671.38	4053106.50	64.05	64.05
DISCCART	732671.38	4053131.50	63.95	63.95
DISCCART	732671.38	4053156.50	63.90	63.90
DISCCART	732671.38	4053181.50	63.84	63.84
DISCCART	732671.38	4053206.50	63.74	63.74
DISCCART	732671.38	4053231.50	63.65	63.65
DISCCART	732671.38	4054006.50	62.43	62.43
DISCCART	732671.38	4054031.50	62.34	62.34
DISCCART	732671.38	4054056.50	62.34	62.34
DISCCART	732671.38	4054081.50	62.34	62.34
DISCCART	732671.38	4055231.50	61.64	61.64
DISCCART	732671.38	4055256.50	61.64	61.64
DISCCART	732671.38	4055281.50	61.64	61.64
DISCCART	732671.38	4055306.50	61.64	61.64
DISCCART	732671.38	4055331.50	61.64	61.64
DISCCART	732696.38	4052331.50	66.58	66.58
DISCCART	732696.38	4052356.50	66.50	66.50
DISCCART	732696.38	4052381.50	66.37	66.37
DISCCART	732696.38	4052406.50	66.31	66.31
DISCCART	732696.38	4052431.50	66.23	66.23
DISCCART	732696.38	4052456.50	66.14	66.14
DISCCART	732696.38	4052481.50	66.04	66.04
DISCCART	732696.38	4052506.50	65.94	65.94
DISCCART	732696.38	4052531.50	65.87	65.87
DISCCART	732696.38	4052556.50	65.75	65.75
DISCCART	732696.38	4052581.50	65.69	65.69
DISCCART	732696.38	4052606.50	65.62	65.62
DISCCART	732696.38	4052631.50	65.53	65.53
DISCCART	732696.38	4052656.50	65.44	65.44
DISCCART	732696.38	4052681.50	65.34	65.34
DISCCART	732696.38	4052706.50	65.30	65.30
DISCCART	732696.38	4052731.50	65.23	65.23
DISCCART	732696.38	4052756.50	65.14	65.14
DISCCART	732696.38	4052781.50	65.04	65.04
DISCCART	732696.38	4052806.50	64.95	64.95
DISCCART	732696.38	4052831.50	64.86	64.86
DISCCART	732696.38	4052856.50	64.80	64.80
DISCCART	732696.38	4052881.50	64.72	64.72
DISCCART	732696.38	4052906.50	64.64	64.64
DISCCART	732696.38	4052931.50	64.54	64.54
DISCCART	732696.38	4052956.50	64.45	64.45
DISCCART	732696.38	4052981.50	64.38	64.38
DISCCART	732696.38	4053006.50	64.30	64.30
DISCCART	732696.38	4053031.50	64.23	64.23
DISCCART	732696.38	4053056.50	64.14	64.14
DISCCART	732696.38	4053081.50	64.06	64.06
DISCCART	732696.38	4053106.50	63.99	63.99
DISCCART	732696.38	4053131.50	63.93	63.93
DISCCART	732696.38	4053156.50	63.84	63.84
DISCCART	732696.38	4053181.50	63.75	63.75
DISCCART	732696.38	4053206.50	63.70	63.70
DISCCART	732696.38	4053231.50	63.64	63.64
DISCCART	732696.38	4054006.50	62.34	62.34
DISCCART	732696.38	4054031.50	62.34	62.34
DISCCART	732696.38	4054056.50	62.34	62.34
DISCCART	732696.38	4054081.50	62.25	62.25
DISCCART	732696.38	4055231.50	61.64	61.64
DISCCART	732696.38	4055256.50	61.64	61.64
DISCCART	732696.38	4055281.50	61.64	61.64
DISCCART	732696.38	4055306.50	61.64	61.64
DISCCART	732696.38	4055331.50	61.64	61.64
DISCCART	732721.38	4052331.50	66.54	66.54

DISCCART	732721.38	4052356.50	66.42	66.42
DISCCART	732721.38	4052381.50	66.34	66.34
DISCCART	732721.38	4052406.50	66.24	66.24
DISCCART	732721.38	4052431.50	66.15	66.15
DISCCART	732721.38	4052456.50	66.04	66.04
DISCCART	732721.38	4052481.50	65.98	65.98
DISCCART	732721.38	4052506.50	65.92	65.92
DISCCART	732721.38	4052531.50	65.80	65.80
DISCCART	732721.38	4052556.50	65.73	65.73
DISCCART	732721.38	4052581.50	65.64	65.64
DISCCART	732721.38	4052606.50	65.55	65.55
DISCCART	732721.38	4052631.50	65.46	65.46
DISCCART	732721.38	4052656.50	65.37	65.37
DISCCART	732721.38	4052681.50	65.34	65.34
DISCCART	732721.38	4052706.50	65.24	65.24
DISCCART	732721.38	4052731.50	65.14	65.14
DISCCART	732721.38	4052756.50	65.05	65.05
DISCCART	732721.38	4052781.50	64.96	64.96
DISCCART	732721.38	4052806.50	64.93	64.93
DISCCART	732721.38	4052831.50	64.84	64.84
DISCCART	732721.38	4052856.50	64.74	64.74
DISCCART	732721.38	4052881.50	64.64	64.64
DISCCART	732721.38	4052906.50	64.55	64.55
DISCCART	732721.38	4052931.50	64.50	64.50
DISCCART	732721.38	4052956.50	64.43	64.43
DISCCART	732721.38	4052981.50	64.34	64.34
DISCCART	732721.38	4053006.50	64.25	64.25
DISCCART	732721.38	4053031.50	64.15	64.15
DISCCART	732721.38	4053056.50	64.08	64.08
DISCCART	732721.38	4053081.50	64.04	64.04
DISCCART	732721.38	4053106.50	63.94	63.94
DISCCART	732721.38	4053131.50	63.85	63.85
DISCCART	732721.38	4053156.50	63.77	63.77
DISCCART	732721.38	4053181.50	63.74	63.74
DISCCART	732721.38	4053206.50	63.64	63.64
DISCCART	732721.38	4053231.50	63.56	63.56
DISCCART	732721.38	4054006.50	62.34	62.34
DISCCART	732721.38	4054031.50	62.31	62.31
DISCCART	732721.38	4054056.50	62.24	62.24
DISCCART	732721.38	4054081.50	62.24	62.24
DISCCART	732721.38	4055231.50	61.54	61.54
DISCCART	732721.38	4055256.50	61.58	61.58
DISCCART	732721.38	4055281.50	61.59	61.59
DISCCART	732721.38	4055306.50	61.58	61.58
DISCCART	732721.38	4055331.50	61.58	61.58
DISCCART	732746.38	4052331.50	66.44	66.44
DISCCART	732746.38	4052356.50	66.35	66.35
DISCCART	732746.38	4052381.50	66.26	66.26
DISCCART	732746.38	4052406.50	66.15	66.15
DISCCART	732746.38	4052431.50	66.08	66.08
DISCCART	732746.38	4052456.50	66.01	66.01
DISCCART	732746.38	4052481.50	65.92	65.92
DISCCART	732746.38	4052506.50	65.84	65.84
DISCCART	732746.38	4052531.50	65.74	65.74
DISCCART	732746.38	4052556.50	65.66	65.66
DISCCART	732746.38	4052581.50	65.58	65.58
DISCCART	732746.38	4052606.50	65.50	65.50
DISCCART	732746.38	4052631.50	65.43	65.43
DISCCART	732746.38	4052656.50	65.34	65.34
DISCCART	732746.38	4052681.50	65.24	65.24
DISCCART	732746.38	4052706.50	65.15	65.15
DISCCART	732746.38	4052731.50	65.07	65.07
DISCCART	732746.38	4052756.50	65.04	65.04
DISCCART	732746.38	4052781.50	64.94	64.94
DISCCART	732746.38	4052806.50	64.84	64.84
DISCCART	732746.38	4052831.50	64.77	64.77
DISCCART	732746.38	4052856.50	64.65	64.65
DISCCART	732746.38	4052881.50	64.59	64.59
DISCCART	732746.38	4052906.50	64.54	64.54
DISCCART	732746.38	4052931.50	64.44	64.44
DISCCART	732746.38	4052956.50	64.35	64.35
DISCCART	732746.38	4052981.50	64.27	64.27
DISCCART	732746.38	4053006.50	64.20	64.20
DISCCART	732746.38	4053031.50	64.13	64.13
DISCCART	732746.38	4053056.50	64.04	64.04
DISCCART	732746.38	4053081.50	63.94	63.94
DISCCART	732746.38	4053106.50	63.86	63.86
DISCCART	732746.38	4053131.50	63.83	63.83
DISCCART	732746.38	4053156.50	63.74	63.74
DISCCART	732746.38	4053181.50	63.65	63.65
DISCCART	732746.38	4053206.50	63.60	63.60
DISCCART	732746.38	4053231.50	63.52	63.52
DISCCART	732746.38	4054006.50	62.32	62.32
DISCCART	732746.38	4054031.50	62.25	62.25
DISCCART	732746.38	4054056.50	62.24	62.24
DISCCART	732746.38	4054081.50	62.24	62.24
DISCCART	732746.38	4055231.50	61.54	61.54
DISCCART	732746.38	4055256.50	61.54	61.54
DISCCART	732746.38	4055281.50	61.54	61.54
DISCCART	732746.38	4055306.50	61.54	61.54
DISCCART	732746.38	4055331.50	61.54	61.54
DISCCART	732771.38	4052331.50	66.40	66.40
DISCCART	732771.38	4052356.50	66.31	66.31
DISCCART	732771.38	4052381.50	66.20	66.20
DISCCART	732771.38	4052406.50	66.13	66.13
DISCCART	732771.38	4052431.50	66.04	66.04
DISCCART	732771.38	4052456.50	65.94	65.94
DISCCART	732771.38	4052481.50	65.86	65.86
DISCCART	732771.38	4052506.50	65.78	65.78
DISCCART	732771.38	4052531.50	65.70	65.70
DISCCART	732771.38	4052556.50	65.61	65.61
DISCCART	732771.38	4052581.50	65.53	65.53
DISCCART	732771.38	4052606.50	65.44	65.44
DISCCART	732771.38	4052631.50	65.35	65.35
DISCCART	732771.38	4052656.50	65.27	65.27
DISCCART	732771.38	4052681.50	65.20	65.20
DISCCART	732771.38	4052706.50	65.12	65.12
DISCCART	732771.38	4052731.50	65.04	65.04
DISCCART	732771.38	4052756.50	64.94	64.94
DISCCART	732771.38	4052781.50	64.87	64.87
DISCCART	732771.38	4052806.50	64.82	64.82
DISCCART	732771.38	4052831.50	64.70	64.70
DISCCART	732771.38	4052856.50	64.63	64.63
DISCCART	732771.38	4052881.50	64.54	64.54
DISCCART	732771.38	4052906.50	64.45	64.45
DISCCART	732771.38	4052931.50	64.36	64.36
DISCCART	732771.38	4052956.50	64.31	64.31
DISCCART	732771.38	4052981.50	64.24	64.24
DISCCART	732771.38	4053006.50	64.14	64.14
DISCCART	732771.38	4053031.50	64.05	64.05
DISCCART	732771.38	4053056.50	63.98	63.98
DISCCART	732771.38	4053081.50	63.90	63.90
DISCCART	732771.38	4053106.50	63.84	63.84
DISCCART	732771.38	4053131.50	63.74	63.74

DISCCART	732771.38	4053156.50	63.68	63.68
DISCCART	732771.38	4053181.50	63.60	63.60
DISCCART	732771.38	4053206.50	63.54	63.54
DISCCART	732771.38	4053231.50	63.46	63.46
DISCCART	732771.38	4054006.50	62.24	62.24
DISCCART	732771.38	4054031.50	62.24	62.24
DISCCART	732771.38	4054056.50	62.22	62.22
DISCCART	732771.38	4054081.50	62.14	62.14
DISCCART	732771.38	4055231.50	61.54	61.54
DISCCART	732771.38	4055256.50	61.54	61.54
DISCCART	732771.38	4055281.50	61.54	61.54
DISCCART	732771.38	4055306.50	61.54	61.54
DISCCART	732771.38	4055331.50	61.54	61.54
DISCCART	732796.38	4052331.50	66.34	66.34
DISCCART	732796.38	4052356.50	66.24	66.24
DISCCART	732796.38	4052381.50	66.15	66.15
DISCCART	732796.38	4052406.50	66.04	66.04
DISCCART	732796.38	4052431.50	65.97	65.97
DISCCART	732796.38	4052456.50	65.85	65.85
DISCCART	732796.38	4052481.50	65.79	65.79
DISCCART	732796.38	4052506.50	65.72	65.72
DISCCART	732796.38	4052531.50	65.62	65.62
DISCCART	732796.38	4052556.50	65.54	65.54
DISCCART	732796.38	4052581.50	65.44	65.44
DISCCART	732796.38	4052606.50	65.36	65.36
DISCCART	732796.38	4052631.50	65.27	65.27
DISCCART	732796.38	4052656.50	65.24	65.24
DISCCART	732796.38	4052681.50	65.14	65.14
DISCCART	732796.38	4052706.50	65.05	65.05
DISCCART	732796.38	4052731.50	64.97	64.97
DISCCART	732796.38	4052756.50	64.93	64.93
DISCCART	732796.38	4052781.50	64.84	64.84
DISCCART	732796.38	4052806.50	64.74	64.74
DISCCART	732796.38	4052831.50	64.64	64.64
DISCCART	732796.38	4052856.50	64.55	64.55
DISCCART	732796.38	4052881.50	64.48	64.48
DISCCART	732796.38	4052906.50	64.40	64.40
DISCCART	732796.38	4052931.50	64.32	64.32
DISCCART	732796.38	4052956.50	64.24	64.24
DISCCART	732796.38	4052981.50	64.14	64.14
DISCCART	732796.38	4053006.50	64.06	64.06
DISCCART	732796.38	4053031.50	63.97	63.97
DISCCART	732796.38	4053056.50	63.94	63.94
DISCCART	732796.38	4053081.50	63.84	63.84
DISCCART	732796.38	4053106.50	63.75	63.75
DISCCART	732796.38	4053131.50	63.68	63.68
DISCCART	732796.38	4053156.50	63.64	63.64
DISCCART	732796.38	4053181.50	63.55	63.55
DISCCART	732796.38	4053206.50	63.45	63.45
DISCCART	732796.38	4053231.50	63.42	63.42
DISCCART	732796.38	4054006.50	62.24	62.24
DISCCART	732796.38	4054031.50	62.22	62.22
DISCCART	732796.38	4054056.50	62.14	62.14
DISCCART	732796.38	4054081.50	62.14	62.14
DISCCART	732796.38	4055231.50	61.46	61.46
DISCCART	732796.38	4055256.50	61.46	61.46
DISCCART	732796.38	4055281.50	61.46	61.46
DISCCART	732796.38	4055306.50	61.46	61.46
DISCCART	732796.38	4055331.50	61.46	61.46
DISCCART	732821.38	4052331.50	66.25	66.25
DISCCART	732821.38	4052356.50	66.17	66.17
DISCCART	732821.38	4052381.50	66.08	66.08
DISCCART	732821.38	4052406.50	65.97	65.97
DISCCART	732821.38	4052431.50	65.90	65.90
DISCCART	732821.38	4052456.50	65.83	65.83
DISCCART	732821.38	4052481.50	65.73	65.73
DISCCART	732821.38	4052506.50	65.65	65.65
DISCCART	732821.38	4052531.50	65.56	65.56
DISCCART	732821.38	4052556.50	65.48	65.48
DISCCART	732821.38	4052581.50	65.40	65.40
DISCCART	732821.38	4052606.50	65.32	65.32
DISCCART	732821.38	4052631.50	65.25	65.25
DISCCART	732821.38	4052656.50	65.14	65.14
DISCCART	732821.38	4052681.50	65.05	65.05
DISCCART	732821.38	4052706.50	65.03	65.03
DISCCART	732821.38	4052731.50	64.94	64.94
DISCCART	732821.38	4052756.50	64.84	64.84
DISCCART	732821.38	4052781.50	64.76	64.76
DISCCART	732821.38	4052806.50	64.68	64.68
DISCCART	732821.38	4052831.50	64.60	64.60
DISCCART	732821.38	4052856.50	64.52	64.52
DISCCART	732821.38	4052881.50	64.44	64.44
DISCCART	732821.38	4052906.50	64.35	64.35
DISCCART	732821.38	4052931.50	64.25	64.25
DISCCART	732821.38	4052956.50	64.17	64.17
DISCCART	732821.38	4052981.50	64.10	64.10
DISCCART	732821.38	4053006.50	64.02	64.02
DISCCART	732821.38	4053031.50	63.94	63.94
DISCCART	732821.38	4053056.50	63.84	63.84
DISCCART	732821.38	4053081.50	63.77	63.77
DISCCART	732821.38	4054006.50	62.22	62.22
DISCCART	732821.38	4054031.50	62.14	62.14
DISCCART	732821.38	4054056.50	62.14	62.14
DISCCART	732821.38	4054081.50	62.14	62.14
DISCCART	732821.38	4055256.50	61.44	61.44
DISCCART	732821.38	4055281.50	61.44	61.44
DISCCART	732821.38	4055306.50	61.44	61.44
DISCCART	732821.38	4055331.50	61.44	61.44
DISCCART	732846.38	4052331.50	66.23	66.23
DISCCART	732846.38	4052356.50	66.13	66.13
DISCCART	732846.38	4052381.50	66.03	66.03
DISCCART	732846.38	4052406.50	65.94	65.94
DISCCART	732846.38	4052431.50	65.84	65.84
DISCCART	732846.38	4052456.50	65.75	65.75
DISCCART	732846.38	4052481.50	65.67	65.67
DISCCART	732846.38	4052506.50	65.56	65.56
DISCCART	732846.38	4052531.50	65.48	65.48
DISCCART	732846.38	4052556.50	65.41	65.41
DISCCART	732846.38	4052581.50	65.34	65.34
DISCCART	732846.38	4052606.50	65.24	65.24
DISCCART	732846.38	4052631.50	65.16	65.16
DISCCART	732846.38	4052656.50	65.10	65.10
DISCCART	732846.38	4052681.50	65.03	65.03
DISCCART	732846.38	4052706.50	64.94	64.94
DISCCART	732846.38	4052731.50	64.84	64.84
DISCCART	732846.38	4052756.50	64.75	64.75
DISCCART	732846.38	4052781.50	64.72	64.72
DISCCART	732846.38	4052806.50	64.62	64.62
DISCCART	732846.38	4052831.50	64.53	64.53
DISCCART	732846.38	4052856.50	64.44	64.44
DISCCART	732846.38	4052881.50	64.35	64.35
DISCCART	732846.38	4054006.50	62.14	62.14
DISCCART	732846.38	4054031.50	62.14	62.14
DISCCART	732846.38	4054056.50	62.12	62.12

DISCCART	732846.38	4054081.50	62.04	62.04
DISCCART	732846.38	4055256.50	61.44	61.44
DISCCART	732846.38	4055281.50	61.44	61.44
DISCCART	732846.38	4055306.50	61.44	61.44
DISCCART	732846.38	4055331.50	61.44	61.44
DISCCART	732871.38	4052331.50	66.14	66.14
DISCCART	732871.38	4052356.50	66.04	66.04
DISCCART	732871.38	4052381.50	65.96	65.96
DISCCART	732871.38	4052406.50	65.84	65.84
DISCCART	732871.38	4052431.50	65.76	65.76
DISCCART	732871.38	4052456.50	65.69	65.69
DISCCART	732871.38	4052481.50	65.60	65.60
DISCCART	732871.38	4052506.50	65.52	65.52
DISCCART	732871.38	4052531.50	65.44	65.44
DISCCART	732871.38	4052556.50	65.35	65.35
DISCCART	732871.38	4052581.50	65.25	65.25
DISCCART	732871.38	4052606.50	65.17	65.17
DISCCART	732871.38	4052631.50	65.10	65.10
DISCCART	732871.38	4052656.50	65.04	65.04
DISCCART	732871.38	4052681.50	64.94	64.94
DISCCART	732871.38	4052706.50	64.88	64.88
DISCCART	732871.38	4052731.50	64.80	64.80
DISCCART	732871.38	4052756.50	64.73	64.73
DISCCART	732871.38	4052781.50	64.64	64.64
DISCCART	732871.38	4052806.50	64.55	64.55
DISCCART	732871.38	4052831.50	64.46	64.46
DISCCART	732871.38	4052856.50	64.38	64.38
DISCCART	732871.38	4052881.50	64.30	64.30
DISCCART	732871.38	4054006.50	62.14	62.14
DISCCART	732871.38	4054031.50	62.10	62.10
DISCCART	732871.38	4054056.50	62.04	62.04
DISCCART	732871.38	4054081.50	62.04	62.04
DISCCART	732871.38	4055256.50	61.34	61.34
DISCCART	732871.38	4055281.50	61.34	61.34
DISCCART	732871.38	4055306.50	61.34	61.34
DISCCART	732871.38	4055331.50	61.34	61.34
DISCCART	732896.38	4052331.50	66.08	66.08
DISCCART	732896.38	4052356.50	66.01	66.01
DISCCART	732896.38	4052381.50	65.89	65.89
DISCCART	732896.38	4052406.50	65.81	65.81
DISCCART	732896.38	4052431.50	65.72	65.72
DISCCART	732896.38	4052456.50	65.61	65.61
DISCCART	732896.38	4052481.50	65.52	65.52
DISCCART	732896.38	4052506.50	65.44	65.44
DISCCART	732896.38	4052531.50	65.34	65.34
DISCCART	732896.38	4052556.50	65.26	65.26
DISCCART	732896.38	4052581.50	65.17	65.17
DISCCART	732896.38	4052606.50	65.14	65.14
DISCCART	732896.38	4052631.50	65.04	65.04
DISCCART	732896.38	4052656.50	64.95	64.95
DISCCART	732896.38	4052681.50	64.87	64.87
DISCCART	732896.38	4052706.50	64.81	64.81
DISCCART	732896.38	4052731.50	64.73	64.73
DISCCART	732896.38	4052756.50	64.64	64.64
DISCCART	732896.38	4052781.50	64.55	64.55
DISCCART	732896.38	4052806.50	64.46	64.46
DISCCART	732896.38	4052831.50	64.39	64.39
DISCCART	732896.38	4052856.50	64.34	64.34
DISCCART	732896.38	4052881.50	64.24	64.24
DISCCART	732896.38	4054006.50	62.10	62.10
DISCCART	732896.38	4054031.50	62.04	62.04
DISCCART	732896.38	4054056.50	62.04	62.04
DISCCART	732896.38	4054081.50	62.02	62.02
DISCCART	732896.38	4055256.50	61.34	61.34
DISCCART	732896.38	4055281.50	61.34	61.34
DISCCART	732896.38	4055306.50	61.34	61.34
DISCCART	732896.38	4055331.50	61.34	61.34
DISCCART	732921.38	4052331.50	66.04	66.04
DISCCART	732921.38	4052356.50	65.94	65.94
DISCCART	732921.38	4052381.50	65.83	65.83
DISCCART	732921.38	4052406.50	65.73	65.73
DISCCART	732921.38	4052431.50	65.63	65.63
DISCCART	732921.38	4052456.50	65.55	65.55
DISCCART	732921.38	4052481.50	65.46	65.46
DISCCART	732921.38	4052506.50	65.38	65.38
DISCCART	732921.38	4052531.50	65.30	65.30
DISCCART	732921.38	4052556.50	65.22	65.22
DISCCART	732921.38	4052581.50	65.14	65.14
DISCCART	732921.38	4052606.50	65.04	65.04
DISCCART	732921.38	4052631.50	64.95	64.95
DISCCART	732921.38	4052656.50	64.87	64.87
DISCCART	732921.38	4052681.50	64.84	64.84
DISCCART	732921.38	4052706.50	64.74	64.74
DISCCART	732921.38	4052731.50	64.66	64.66
DISCCART	732921.38	4052756.50	64.58	64.58
DISCCART	732921.38	4052781.50	64.50	64.50
DISCCART	732921.38	4052806.50	64.42	64.42
DISCCART	732921.38	4052831.50	64.34	64.34
DISCCART	732921.38	4052856.50	64.25	64.25
DISCCART	732921.38	4052881.50	64.15	64.15
DISCCART	732921.38	4054006.50	62.04	62.04
DISCCART	732921.38	4054031.50	62.04	62.04
DISCCART	732921.38	4054056.50	62.03	62.03
DISCCART	732921.38	4054081.50	61.94	61.94
DISCCART	732921.38	4055256.50	61.34	61.34
DISCCART	732921.38	4055281.50	61.34	61.34
DISCCART	732921.38	4055306.50	61.34	61.34
DISCCART	732921.38	4055331.50	61.34	61.34
DISCCART	732946.38	4052331.50	65.94	65.94
DISCCART	732946.38	4052356.50	65.85	65.85
DISCCART	732946.38	4052381.50	65.74	65.74
DISCCART	732946.38	4052406.50	65.66	65.66
DISCCART	732946.38	4052431.50	65.57	65.57
DISCCART	732946.38	4052456.50	65.46	65.46
DISCCART	732946.38	4052481.50	65.37	65.37
DISCCART	732946.38	4052506.50	65.30	65.30
DISCCART	732946.38	4052531.50	65.23	65.23
DISCCART	732946.38	4052556.50	65.14	65.14
DISCCART	732946.38	4052581.50	65.05	65.05
DISCCART	732946.38	4052606.50	64.95	64.95
DISCCART	732946.38	4052631.50	64.88	64.88
DISCCART	732946.38	4052656.50	64.84	64.84
DISCCART	732946.38	4052681.50	64.74	64.74
DISCCART	732946.38	4052706.50	64.65	64.65
DISCCART	732946.38	4052731.50	64.58	64.58
DISCCART	732946.38	4052756.50	64.50	64.50
DISCCART	732946.38	4052781.50	64.42	64.42
DISCCART	732946.38	4052806.50	64.34	64.34
DISCCART	732946.38	4052831.50	64.25	64.25
DISCCART	732946.38	4052856.50	64.16	64.16
DISCCART	732946.38	4052881.50	64.07	64.07
DISCCART	732946.38	4054006.50	62.04	62.04
DISCCART	732946.38	4054031.50	62.02	62.02
DISCCART	732946.38	4054056.50	61.94	61.94

DISCCART	732946.38	4054081.50	61.94	61.94
DISCCART	732946.38	4055256.50	61.24	61.24
DISCCART	732946.38	4055281.50	61.24	61.24
DISCCART	732946.38	4055306.50	61.24	61.24
DISCCART	732946.38	4055331.50	61.24	61.24
DISCCART	732971.38	4052331.50	65.89	65.89
DISCCART	732971.38	4052356.50	65.77	65.77
DISCCART	732971.38	4052381.50	65.68	65.68
DISCCART	732971.38	4052406.50	65.57	65.57
DISCCART	732971.38	4052431.50	65.50	65.50
DISCCART	732971.38	4052456.50	65.40	65.40
DISCCART	732971.38	4052481.50	65.30	65.30
DISCCART	732971.38	4052506.50	65.22	65.22
DISCCART	732971.38	4052531.50	65.14	65.14
DISCCART	732971.38	4052556.50	65.04	65.04
DISCCART	732971.38	4052581.50	64.95	64.95
DISCCART	732971.38	4052606.50	64.93	64.93
DISCCART	732971.38	4052631.50	64.84	64.84
DISCCART	732971.38	4052656.50	64.74	64.74
DISCCART	732971.38	4052681.50	64.66	64.66
DISCCART	732971.38	4052706.50	64.57	64.57
DISCCART	732971.38	4052731.50	64.50	64.50
DISCCART	732971.38	4052756.50	64.44	64.44
DISCCART	732971.38	4052781.50	64.34	64.34
DISCCART	732971.38	4052806.50	64.28	64.28
DISCCART	732971.38	4052831.50	64.20	64.20
DISCCART	732971.38	4052856.50	64.12	64.12
DISCCART	732971.38	4052881.50	64.04	64.04
DISCCART	732971.38	4054006.50	61.99	61.99
DISCCART	732971.38	4054031.50	61.94	61.94
DISCCART	732971.38	4054056.50	61.94	61.94
DISCCART	732971.38	4054081.50	61.94	61.94
DISCCART	732971.38	4055256.50	61.24	61.24
DISCCART	732971.38	4055281.50	61.24	61.24
DISCCART	732971.38	4055306.50	61.24	61.24
DISCCART	732971.38	4055331.50	61.24	61.24
DISCCART	732996.38	4052331.50	65.83	65.83
DISCCART	732996.38	4052356.50	65.70	65.70
DISCCART	732996.38	4052381.50	65.63	65.63
DISCCART	732996.38	4052406.50	65.50	65.50
DISCCART	732996.38	4052431.50	65.43	65.43
DISCCART	732996.38	4052456.50	65.34	65.34
DISCCART	732996.38	4052481.50	65.25	65.25
DISCCART	732996.38	4052506.50	65.13	65.13
DISCCART	732996.38	4052531.50	65.05	65.05
DISCCART	732996.38	4052556.50	64.95	64.95
DISCCART	732996.38	4052581.50	64.87	64.87
DISCCART	732996.38	4052606.50	64.84	64.84
DISCCART	732996.38	4052631.50	64.74	64.74
DISCCART	732996.38	4052656.50	64.65	64.65
DISCCART	732996.38	4052681.50	64.58	64.58
DISCCART	732996.38	4052706.50	64.54	64.54
DISCCART	732996.38	4052731.50	64.44	64.44
DISCCART	732996.38	4052756.50	64.36	64.36
DISCCART	732996.38	4052781.50	64.27	64.27
DISCCART	732996.38	4052806.50	64.20	64.20
DISCCART	732996.38	4052831.50	64.13	64.13
DISCCART	732996.38	4052856.50	64.04	64.04
DISCCART	732996.38	4052881.50	63.94	63.94
DISCCART	732996.38	4054006.50	61.94	61.94
DISCCART	732996.38	4054031.50	61.94	61.94
DISCCART	732996.38	4054056.50	61.91	61.91
DISCCART	732996.38	4054081.50	61.84	61.84
DISCCART	732996.38	4055256.50	61.22	61.22
DISCCART	732996.38	4055281.50	61.22	61.22
DISCCART	732996.38	4055306.50	61.22	61.22
DISCCART	732996.38	4055331.50	61.22	61.22
DISCCART	733021.38	4052331.50	65.74	65.74
DISCCART	733021.38	4052356.50	65.63	65.63
DISCCART	733021.38	4052381.50	65.54	65.54
DISCCART	733021.38	4052406.50	65.45	65.45
DISCCART	733021.38	4052431.50	65.34	65.34
DISCCART	733021.38	4052456.50	65.24	65.24
DISCCART	733021.38	4052481.50	65.15	65.15
DISCCART	733021.38	4052506.50	65.07	65.07
DISCCART	733021.38	4052531.50	64.97	64.97
DISCCART	733021.38	4052556.50	64.92	64.92
DISCCART	733021.38	4052581.50	64.84	64.84
DISCCART	733021.38	4052606.50	64.74	64.74
DISCCART	733021.38	4052631.50	64.65	64.65
DISCCART	733021.38	4052656.50	64.63	64.63
DISCCART	733021.38	4052681.50	64.54	64.54
DISCCART	733021.38	4052706.50	64.45	64.45
DISCCART	733021.38	4052731.50	64.35	64.35
DISCCART	733021.38	4052756.50	64.28	64.28
DISCCART	733021.38	4052781.50	64.20	64.20
DISCCART	733021.38	4052806.50	64.12	64.12
DISCCART	733021.38	4052831.50	64.04	64.04
DISCCART	733021.38	4052856.50	63.94	63.94
DISCCART	733021.38	4052881.50	63.90	63.90
DISCCART	733021.38	4054006.50	61.94	61.94
DISCCART	733021.38	4054031.50	61.90	61.90
DISCCART	733021.38	4054056.50	61.84	61.84
DISCCART	733021.38	4054081.50	61.84	61.84
DISCCART	733021.38	4055256.50	61.14	61.14
DISCCART	733021.38	4055281.50	61.14	61.14
DISCCART	733021.38	4055306.50	61.14	61.14
DISCCART	733021.38	4055331.50	61.14	61.14
DISCCART	733046.38	4052331.50	65.64	65.64
DISCCART	733046.38	4052356.50	65.56	65.56
DISCCART	733046.38	4052381.50	65.44	65.44
DISCCART	733046.38	4052406.50	65.36	65.36
DISCCART	733046.38	4052431.50	65.26	65.26
DISCCART	733046.38	4052456.50	65.16	65.16
DISCCART	733046.38	4052481.50	65.07	65.07
DISCCART	733046.38	4052506.50	65.00	65.00
DISCCART	733046.38	4052531.50	64.93	64.93
DISCCART	733046.38	4052556.50	64.84	64.84
DISCCART	733046.38	4052581.50	64.75	64.75
DISCCART	733046.38	4052606.50	64.65	64.65
DISCCART	733046.38	4052631.50	64.63	64.63
DISCCART	733046.38	4052656.50	64.54	64.54
DISCCART	733046.38	4052681.50	64.44	64.44
DISCCART	733046.38	4052706.50	64.36	64.36
DISCCART	733046.38	4052731.50	64.27	64.27
DISCCART	733046.38	4052756.50	64.20	64.20
DISCCART	733046.38	4052781.50	64.13	64.13
DISCCART	733046.38	4052806.50	64.04	64.04
DISCCART	733046.38	4052831.50	63.96	63.96
DISCCART	733046.38	4052856.50	63.90	63.90
DISCCART	733046.38	4052881.50	63.83	63.83
DISCCART	733046.38	4054006.50	61.85	61.85
DISCCART	733046.38	4054031.50	61.84	61.84
DISCCART	733046.38	4054056.50	61.84	61.84

DISCCART 733046.38 4054081.50 61.81 61.81
DISCCART 733046.38 4055256.50 61.14 61.14
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DISCCART 733046.38 4055306.50 61.14 61.14
DISCCART 733046.38 4055331.50 61.14 61.14
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DISCCART 733071.38 4052806.50 63.97 63.97
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DISCCART 733096.38 4052481.50 64.94 64.94
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DISCCART 733096.38 4055281.50 61.04 61.04
DISCCART 733096.38 4055306.50 61.04 61.04
DISCCART 733096.38 4055331.50 61.04 61.04
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DISCCART 733121.38 4052431.50 65.04 65.04
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DISCCART 733121.38 4055281.50 60.95 60.95
DISCCART 733121.38 4055306.50 60.95 60.95
DISCCART 733121.38 4055331.50 60.98 60.98
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DISCCART 733146.38 4052781.50 63.83 63.83
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DISCCART 733146.38 4052881.50 63.52 63.52
DISCCART 733146.38 4054006.50 61.74 61.74

DISCCART	733146.38	4054031.50	61.74	61.74
DISCCART	733146.38	4054056.50	61.66	61.66
DISCCART	733146.38	4054081.50	61.64	61.64
DISCCART	733146.38	4054106.50	61.64	61.64
DISCCART	733146.38	4055256.50	60.94	60.94
DISCCART	733146.38	4055281.50	60.94	60.94
DISCCART	733146.38	4055306.50	60.94	60.94
DISCCART	733146.38	4055331.50	60.94	60.94
DISCCART	733171.38	4052331.50	65.25	65.25
DISCCART	733171.38	4052356.50	65.17	65.17
DISCCART	733171.38	4052381.50	65.07	65.07
DISCCART	733171.38	4052406.50	64.98	64.98
DISCCART	733171.38	4052431.50	64.90	64.90
DISCCART	733171.38	4052456.50	64.83	64.83
DISCCART	733171.38	4052481.50	64.74	64.74
DISCCART	733171.38	4052506.50	64.65	64.65
DISCCART	733171.38	4052531.50	64.56	64.56
DISCCART	733171.38	4052556.50	64.51	64.51
DISCCART	733171.38	4052581.50	64.44	64.44
DISCCART	733171.38	4052606.50	64.35	64.35
DISCCART	733171.38	4052631.50	64.25	64.25
DISCCART	733171.38	4052656.50	64.17	64.17
DISCCART	733171.38	4052681.50	64.10	64.10
DISCCART	733171.38	4052706.50	64.01	64.01
DISCCART	733171.38	4052731.50	63.90	63.90
DISCCART	733171.38	4052756.50	63.83	63.83
DISCCART	733171.38	4052781.50	63.74	63.74
DISCCART	733171.38	4052806.50	63.64	63.64
DISCCART	733171.38	4052831.50	63.56	63.56
DISCCART	733171.38	4052856.50	63.53	63.53
DISCCART	733171.38	4052881.50	63.44	63.44
DISCCART	733171.38	4054031.50	61.66	61.66
DISCCART	733171.38	4054056.50	61.64	61.64
DISCCART	733171.38	4054081.50	61.64	61.64
DISCCART	733171.38	4054106.50	61.62	61.62
DISCCART	733171.38	4055256.50	60.88	60.88
DISCCART	733171.38	4055281.50	60.88	60.88
DISCCART	733171.38	4055306.50	60.88	60.88
DISCCART	733171.38	4055331.50	60.88	60.88
DISCCART	733196.38	4052331.50	65.17	65.17
DISCCART	733196.38	4052356.50	65.11	65.11
DISCCART	733196.38	4052381.50	65.03	65.03
DISCCART	733196.38	4052406.50	64.91	64.91
DISCCART	733196.38	4052431.50	64.84	64.84
DISCCART	733196.38	4052456.50	64.74	64.74
DISCCART	733196.38	4052481.50	64.67	64.67
DISCCART	733196.38	4052506.50	64.60	64.60
DISCCART	733196.38	4052531.50	64.52	64.52
DISCCART	733196.38	4052556.50	64.44	64.44
DISCCART	733196.38	4052581.50	64.34	64.34
DISCCART	733196.38	4052606.50	64.26	64.26
DISCCART	733196.38	4052631.50	64.17	64.17
DISCCART	733196.38	4052656.50	64.11	64.11
DISCCART	733196.38	4052681.50	64.03	64.03
DISCCART	733196.38	4052706.50	63.94	63.94
DISCCART	733196.38	4052731.50	63.85	63.85
DISCCART	733196.38	4052756.50	63.74	63.74
DISCCART	733196.38	4052781.50	63.65	63.65
DISCCART	733196.38	4052806.50	63.55	63.55
DISCCART	733196.38	4052831.50	63.48	63.48
DISCCART	733196.38	4052856.50	63.44	63.44
DISCCART	733196.38	4052881.50	63.34	63.34
DISCCART	733196.38	4052906.50	63.30	63.30
DISCCART	733196.38	4054031.50	61.64	61.64
DISCCART	733196.38	4054056.50	61.63	61.63
DISCCART	733196.38	4054081.50	61.57	61.57
DISCCART	733196.38	4054106.50	61.54	61.54
DISCCART	733196.38	4055256.50	60.84	60.84
DISCCART	733196.38	4055281.50	60.84	60.84
DISCCART	733196.38	4055306.50	60.84	60.84
DISCCART	733196.38	4055331.50	60.84	60.84
DISCCART	733221.38	4052331.50	65.14	65.14
DISCCART	733221.38	4052356.50	65.03	65.03
DISCCART	733221.38	4052381.50	64.94	64.94
DISCCART	733221.38	4052406.50	64.84	64.84
DISCCART	733221.38	4052431.50	64.76	64.76
DISCCART	733221.38	4052456.50	64.68	64.68
DISCCART	733221.38	4052481.50	64.63	64.63
DISCCART	733221.38	4052506.50	64.54	64.54
DISCCART	733221.38	4052531.50	64.46	64.46
DISCCART	733221.38	4052556.50	64.37	64.37
DISCCART	733221.38	4052581.50	64.30	64.30
DISCCART	733221.38	4052606.50	64.22	64.22
DISCCART	733221.38	4052631.50	64.14	64.14
DISCCART	733221.38	4052656.50	64.04	64.04
DISCCART	733221.38	4052681.50	63.94	63.94
DISCCART	733221.38	4052706.50	63.84	63.84
DISCCART	733221.38	4052731.50	63.76	63.76
DISCCART	733221.38	4052756.50	63.68	63.68
DISCCART	733221.38	4052781.50	63.60	63.60
DISCCART	733221.38	4052806.50	63.53	63.53
DISCCART	733221.38	4052831.50	63.44	63.44
DISCCART	733221.38	4052856.50	63.35	63.35
DISCCART	733221.38	4052881.50	63.30	63.30
DISCCART	733221.38	4052906.50	63.24	63.24
DISCCART	733221.38	4054031.50	61.64	61.64
DISCCART	733221.38	4054056.50	61.55	61.55
DISCCART	733221.38	4054081.50	61.54	61.54
DISCCART	733221.38	4054106.50	61.54	61.54
DISCCART	733221.38	4055256.50	60.84	60.84
DISCCART	733221.38	4055281.50	60.84	60.84
DISCCART	733221.38	4055306.50	60.84	60.84
DISCCART	733221.38	4055331.50	60.84	60.84
DISCCART	733246.38	4052331.50	65.05	65.05
DISCCART	733246.38	4052356.50	64.95	64.95
DISCCART	733246.38	4052381.50	64.85	64.85
DISCCART	733246.38	4052406.50	64.75	64.75
DISCCART	733246.38	4052431.50	64.72	64.72
DISCCART	733246.38	4052456.50	64.64	64.64
DISCCART	733246.38	4052481.50	64.55	64.55
DISCCART	733246.38	4052506.50	64.46	64.46
DISCCART	733246.38	4052531.50	64.43	64.43
DISCCART	733246.38	4052556.50	64.34	64.34
DISCCART	733246.38	4052581.50	64.24	64.24
DISCCART	733246.38	4052606.50	64.15	64.15
DISCCART	733246.38	4052631.50	64.06	64.06
DISCCART	733246.38	4052656.50	63.95	63.95
DISCCART	733246.38	4052681.50	63.87	63.87
DISCCART	733246.38	4052706.50	63.81	63.81
DISCCART	733246.38	4052731.50	63.72	63.72
DISCCART	733246.38	4052756.50	63.63	63.63
DISCCART	733246.38	4052781.50	63.52	63.52
DISCCART	733246.38	4052806.50	63.44	63.44
DISCCART	733246.38	4052831.50	63.35	63.35

DISCCART	733246.38	4052856.50	63.30	63.30
DISCCART	733246.38	4052881.50	63.24	63.24
DISCCART	733246.38	4052906.50	63.24	63.24
DISCCART	733246.38	4054031.50	61.55	61.55
DISCCART	733246.38	4054056.50	61.54	61.54
DISCCART	733246.38	4054081.50	61.54	61.54
DISCCART	733246.38	4054106.50	61.50	61.50
DISCCART	733246.38	4055256.50	60.74	60.74
DISCCART	733246.38	4055281.50	60.74	60.74
DISCCART	733246.38	4055306.50	60.74	60.74
DISCCART	733246.38	4055331.50	60.74	60.74
DISCCART	733271.38	4052331.50	64.96	64.96
DISCCART	733271.38	4052356.50	64.87	64.87
DISCCART	733271.38	4052381.50	64.80	64.80
DISCCART	733271.38	4052406.50	64.74	64.74
DISCCART	733271.38	4052431.50	64.64	64.64
DISCCART	733271.38	4052456.50	64.58	64.58
DISCCART	733271.38	4052481.50	64.50	64.50
DISCCART	733271.38	4052506.50	64.44	64.44
DISCCART	733271.38	4052531.50	64.34	64.34
DISCCART	733271.38	4052556.50	64.25	64.25
DISCCART	733271.38	4052581.50	64.16	64.16
DISCCART	733271.38	4052606.50	64.11	64.11
DISCCART	733271.38	4052631.50	64.00	64.00
DISCCART	733271.38	4052656.50	63.93	63.93
DISCCART	733271.38	4052681.50	63.84	63.84
DISCCART	733271.38	4052706.50	63.74	63.74
DISCCART	733271.38	4052731.50	63.64	63.64
DISCCART	733271.38	4052756.50	63.54	63.54
DISCCART	733271.38	4052781.50	63.46	63.46
DISCCART	733271.38	4052806.50	63.36	63.36
DISCCART	733271.38	4052831.50	63.30	63.30
DISCCART	733271.38	4052856.50	63.24	63.24
DISCCART	733271.38	4052881.50	63.24	63.24
DISCCART	733271.38	4052906.50	63.15	63.15
DISCCART	733271.38	4054031.50	61.54	61.54
DISCCART	733271.38	4054056.50	61.52	61.52
DISCCART	733271.38	4054081.50	61.45	61.45
DISCCART	733271.38	4054106.50	61.44	61.44
DISCCART	733271.38	4055256.50	60.74	60.74
DISCCART	733271.38	4055281.50	60.74	60.74
DISCCART	733271.38	4055306.50	60.74	60.74
DISCCART	733271.38	4055331.50	60.74	60.74
DISCCART	733296.38	4052331.50	64.88	64.88
DISCCART	733296.38	4052356.50	64.84	64.84
DISCCART	733296.38	4052381.50	64.74	64.74
DISCCART	733296.38	4052406.50	64.66	64.66
DISCCART	733296.38	4052431.50	64.59	64.59
DISCCART	733296.38	4052456.50	64.54	64.54
DISCCART	733296.38	4052481.50	64.45	64.45
DISCCART	733296.38	4052506.50	64.36	64.36
DISCCART	733296.38	4052531.50	64.27	64.27
DISCCART	733296.38	4052556.50	64.21	64.21
DISCCART	733296.38	4052581.50	64.14	64.14
DISCCART	733296.38	4052606.50	64.04	64.04
DISCCART	733296.38	4052631.50	63.94	63.94
DISCCART	733296.38	4052656.50	63.85	63.85
DISCCART	733296.38	4052681.50	63.77	63.77
DISCCART	733296.38	4052706.50	63.70	63.70
DISCCART	733296.38	4052731.50	63.59	63.59
DISCCART	733296.38	4052756.50	63.50	63.50
DISCCART	733296.38	4052781.50	63.39	63.39
DISCCART	733296.38	4052806.50	63.34	63.34
DISCCART	733296.38	4052831.50	63.24	63.24
DISCCART	733296.38	4052856.50	63.24	63.24
DISCCART	733296.38	4052881.50	63.14	63.14
DISCCART	733296.38	4052906.50	63.14	63.14
DISCCART	733296.38	4054031.50	61.53	61.53
DISCCART	733296.38	4054056.50	61.44	61.44
DISCCART	733296.38	4054081.50	61.44	61.44
DISCCART	733296.38	4054106.50	61.44	61.44
DISCCART	733296.38	4055256.50	60.66	60.66
DISCCART	733296.38	4055281.50	60.65	60.65
DISCCART	733296.38	4055306.50	60.65	60.65
DISCCART	733296.38	4055331.50	60.64	60.64
DISCCART	733321.38	4052331.50	64.84	64.84
DISCCART	733321.38	4052356.50	64.74	64.74
DISCCART	733321.38	4052381.50	64.70	64.70
DISCCART	733321.38	4052406.50	64.62	64.62
DISCCART	733321.38	4052431.50	64.54	64.54
DISCCART	733321.38	4052456.50	64.46	64.46
DISCCART	733321.38	4052481.50	64.40	64.40
DISCCART	733321.38	4052506.50	64.32	64.32
DISCCART	733321.38	4052531.50	64.24	64.24
DISCCART	733321.38	4052556.50	64.15	64.15
DISCCART	733321.38	4052581.50	64.05	64.05
DISCCART	733321.38	4052606.50	63.97	63.97
DISCCART	733321.38	4052631.50	63.90	63.90
DISCCART	733321.38	4052656.50	63.83	63.83
DISCCART	733321.38	4052681.50	63.73	63.73
DISCCART	733321.38	4052706.50	63.64	63.64
DISCCART	733321.38	4052731.50	63.53	63.53
DISCCART	733321.38	4052756.50	63.45	63.45
DISCCART	733321.38	4052781.50	63.34	63.34
DISCCART	733321.38	4052806.50	63.27	63.27
DISCCART	733321.38	4052831.50	63.24	63.24
DISCCART	733321.38	4052856.50	63.17	63.17
DISCCART	733321.38	4052881.50	63.14	63.14
DISCCART	733321.38	4052906.50	63.12	63.12
DISCCART	733321.38	4054031.50	61.44	61.44
DISCCART	733321.38	4054056.50	61.44	61.44
DISCCART	733321.38	4054081.50	61.44	61.44
DISCCART	733321.38	4054106.50	61.37	61.37
DISCCART	733321.38	4055256.50	60.64	60.64
DISCCART	733321.38	4055281.50	60.64	60.64
DISCCART	733321.38	4055306.50	60.64	60.64
DISCCART	733321.38	4055331.50	60.64	60.64
DISCCART	733346.38	4052331.50	64.78	64.78
DISCCART	733346.38	4052356.50	64.71	64.71
DISCCART	733346.38	4052381.50	64.64	64.64
DISCCART	733346.38	4052406.50	64.56	64.56
DISCCART	733346.38	4052431.50	64.52	64.52
DISCCART	733346.38	4052456.50	64.43	64.43
DISCCART	733346.38	4052481.50	64.34	64.34
DISCCART	733346.38	4052506.50	64.26	64.26
DISCCART	733346.38	4052531.50	64.17	64.17
DISCCART	733346.38	4052556.50	64.12	64.12
DISCCART	733346.38	4052581.50	64.03	64.03
DISCCART	733346.38	4052606.50	63.94	63.94
DISCCART	733346.38	4052631.50	63.84	63.84
DISCCART	733346.38	4052656.50	63.74	63.74
DISCCART	733346.38	4052681.50	63.68	63.68
DISCCART	733346.38	4052706.50	63.60	63.60
DISCCART	733346.38	4052731.50	63.49	63.49

DISCCART	733346.38	4052756.50	63.39	63.39
DISCCART	733346.38	4052781.50	63.33	63.33
DISCCART	733346.38	4052806.50	63.24	63.24
DISCCART	733346.38	4052831.50	63.23	63.23
DISCCART	733346.38	4052856.50	63.14	63.14
DISCCART	733346.38	4052881.50	63.14	63.14
DISCCART	733346.38	4052906.50	63.04	63.04
DISCCART	733346.38	4054031.50	61.44	61.44
DISCCART	733346.38	4054056.50	61.35	61.35
DISCCART	733346.38	4054081.50	61.35	61.35
DISCCART	733346.38	4054106.50	61.34	61.34
DISCCART	733346.38	4055256.50	60.62	60.62
DISCCART	733346.38	4055281.50	60.55	60.55
DISCCART	733346.38	4055306.50	60.55	60.55
DISCCART	733346.38	4055331.50	60.54	60.54
DISCCART	733371.38	4052331.50	64.74	64.74
DISCCART	733371.38	4052356.50	64.65	64.65
DISCCART	733371.38	4052381.50	64.60	64.60
DISCCART	733371.38	4052406.50	64.52	64.52
DISCCART	733371.38	4052431.50	64.44	64.44
DISCCART	733371.38	4052456.50	64.37	64.37
DISCCART	733371.38	4052481.50	64.30	64.30
DISCCART	733371.38	4052506.50	64.22	64.22
DISCCART	733371.38	4052531.50	64.14	64.14
DISCCART	733371.38	4052556.50	64.04	64.04
DISCCART	733371.38	4052581.50	63.95	63.95
DISCCART	733371.38	4052606.50	63.87	63.87
DISCCART	733371.38	4052631.50	63.80	63.80
DISCCART	733371.38	4052656.50	63.73	63.73
DISCCART	733371.38	4052681.50	63.64	63.64
DISCCART	733371.38	4052706.50	63.55	63.55
DISCCART	733371.38	4052731.50	63.44	63.44
DISCCART	733371.38	4052756.50	63.36	63.36
DISCCART	733371.38	4052781.50	63.27	63.27
DISCCART	733371.38	4052806.50	63.24	63.24
DISCCART	733371.38	4052831.50	63.15	63.15
DISCCART	733371.38	4052856.50	63.14	63.14
DISCCART	733371.38	4052881.50	63.05	63.05
DISCCART	733371.38	4052906.50	63.04	63.04
DISCCART	733371.38	4054031.50	61.38	61.38
DISCCART	733371.38	4054056.50	61.34	61.34
DISCCART	733371.38	4054081.50	61.34	61.34
DISCCART	733371.38	4054106.50	61.34	61.34
DISCCART	733371.38	4055256.50	60.54	60.54
DISCCART	733371.38	4055281.50	60.54	60.54
DISCCART	733371.38	4055306.50	60.54	60.54
DISCCART	733371.38	4055331.50	60.54	60.54
DISCCART	733396.38	4052331.50	64.68	64.68
DISCCART	733396.38	4052356.50	64.61	64.61
DISCCART	733396.38	4052381.50	64.54	64.54
DISCCART	733396.38	4052406.50	64.46	64.46
DISCCART	733396.38	4052431.50	64.38	64.38
DISCCART	733396.38	4052456.50	64.34	64.34
DISCCART	733396.38	4052481.50	64.25	64.25
DISCCART	733396.38	4052506.50	64.15	64.15
DISCCART	733396.38	4052531.50	64.08	64.08
DISCCART	733396.38	4052556.50	64.03	64.03
DISCCART	733396.38	4052581.50	63.94	63.94
DISCCART	733396.38	4052606.50	63.84	63.84
DISCCART	733396.38	4052631.50	63.74	63.74
DISCCART	733396.38	4052656.50	63.66	63.66
DISCCART	733396.38	4052681.50	63.59	63.59
DISCCART	733396.38	4052706.50	63.49	63.49
DISCCART	733396.38	4052731.50	63.42	63.42
DISCCART	733396.38	4052756.50	63.33	63.33
DISCCART	733396.38	4052781.50	63.24	63.24
DISCCART	733396.38	4052806.50	63.21	63.21
DISCCART	733396.38	4052831.50	63.14	63.14
DISCCART	733396.38	4052856.50	63.11	63.11
DISCCART	733396.38	4052881.50	63.04	63.04
DISCCART	733396.38	4052906.50	63.02	63.02
DISCCART	733396.38	4054031.50	61.34	61.34
DISCCART	733396.38	4054056.50	61.34	61.34
DISCCART	733396.38	4054081.50	61.34	61.34
DISCCART	733396.38	4054106.50	61.25	61.25
DISCCART	733396.38	4055256.50	60.52	60.52
DISCCART	733396.38	4055281.50	60.52	60.52
DISCCART	733396.38	4055306.50	60.46	60.46
DISCCART	733396.38	4055331.50	60.44	60.44
DISCCART	733421.38	4052331.50	64.64	64.64
DISCCART	733421.38	4052356.50	64.56	64.56
DISCCART	733421.38	4052381.50	64.50	64.50
DISCCART	733421.38	4052406.50	64.42	64.42
DISCCART	733421.38	4052431.50	64.34	64.34
DISCCART	733421.38	4052456.50	64.25	64.25
DISCCART	733421.38	4052481.50	64.20	64.20
DISCCART	733421.38	4052506.50	64.14	64.14
DISCCART	733421.38	4052531.50	64.04	64.04
DISCCART	733421.38	4052556.50	63.94	63.94
DISCCART	733421.38	4052581.50	63.88	63.88
DISCCART	733421.38	4052606.50	63.82	63.82
DISCCART	733421.38	4052631.50	63.73	63.73
DISCCART	733421.38	4052656.50	63.63	63.63
DISCCART	733421.38	4052681.50	63.54	63.54
DISCCART	733421.38	4052706.50	63.45	63.45
DISCCART	733421.38	4052731.50	63.36	63.36
DISCCART	733421.38	4052756.50	63.30	63.30
DISCCART	733421.38	4052781.50	63.24	63.24
DISCCART	733421.38	4052806.50	63.17	63.17
DISCCART	733421.38	4052831.50	63.14	63.14
DISCCART	733421.38	4052856.50	63.04	63.04
DISCCART	733421.38	4052881.50	63.04	63.04
DISCCART	733421.38	4052906.50	62.94	62.94
DISCCART	733421.38	4054031.50	61.34	61.34
DISCCART	733421.38	4054056.50	61.25	61.25
DISCCART	733421.38	4054081.50	61.24	61.24
DISCCART	733421.38	4054106.50	61.24	61.24
DISCCART	733421.38	4055256.50	60.44	60.44
DISCCART	733421.38	4055281.50	60.44	60.44
DISCCART	733421.38	4055306.50	60.44	60.44
DISCCART	733421.38	4055331.50	60.44	60.44
DISCCART	733446.38	4052331.50	64.57	64.57
DISCCART	733446.38	4052356.50	64.54	64.54
DISCCART	733446.38	4052381.50	64.44	64.44
DISCCART	733446.38	4052406.50	64.36	64.36
DISCCART	733446.38	4052431.50	64.32	64.32
DISCCART	733446.38	4052456.50	64.24	64.24
DISCCART	733446.38	4052481.50	64.15	64.15
DISCCART	733446.38	4052506.50	64.05	64.05
DISCCART	733446.38	4052531.50	64.03	64.03
DISCCART	733446.38	4052556.50	63.92	63.92
DISCCART	733446.38	4052581.50	63.84	63.84
DISCCART	733446.38	4052606.50	63.75	63.75
DISCCART	733446.38	4052631.50	63.68	63.68

DISCCART	733446.38	4052656.50	63.56	63.56
DISCCART	733446.38	4052681.50	63.49	63.49
DISCCART	733446.38	4052706.50	63.41	63.41
DISCCART	733446.38	4052731.50	63.34	63.34
DISCCART	733446.38	4052756.50	63.25	63.25
DISCCART	733446.38	4052781.50	63.24	63.24
DISCCART	733446.38	4052806.50	63.14	63.14
DISCCART	733446.38	4052831.50	63.13	63.13
DISCCART	733446.38	4052856.50	63.04	63.04
DISCCART	733446.38	4052881.50	62.98	62.98
DISCCART	733446.38	4052906.50	62.94	62.94
DISCCART	733446.38	4054031.50	61.26	61.26
DISCCART	733446.38	4054056.50	61.24	61.24
DISCCART	733446.38	4054081.50	61.24	61.24
DISCCART	733446.38	4054106.50	61.24	61.24
DISCCART	733446.38	4055256.50	60.44	60.44
DISCCART	733446.38	4055281.50	60.42	60.42
DISCCART	733446.38	4055306.50	60.43	60.43
DISCCART	733446.38	4055331.50	60.43	60.43
DISCCART	733471.38	4052331.50	64.54	64.54
DISCCART	733471.38	4052356.50	64.45	64.45
DISCCART	733471.38	4052381.50	64.40	64.40
DISCCART	733471.38	4052406.50	64.34	64.34
DISCCART	733471.38	4052431.50	64.25	64.25
DISCCART	733471.38	4052456.50	64.22	64.22
DISCCART	733471.38	4052481.50	64.14	64.14
DISCCART	733471.38	4052506.50	64.04	64.04
DISCCART	733471.38	4052531.50	63.94	63.94
DISCCART	733471.38	4052556.50	63.87	63.87
DISCCART	733471.38	4052581.50	63.78	63.78
DISCCART	733471.38	4052606.50	63.73	63.73
DISCCART	733471.38	4052631.50	63.63	63.63
DISCCART	733471.38	4052656.50	63.54	63.54
DISCCART	733471.38	4052681.50	63.44	63.44
DISCCART	733471.38	4052706.50	63.35	63.35
DISCCART	733471.38	4052731.50	63.30	63.30
DISCCART	733471.38	4052756.50	63.24	63.24
DISCCART	733471.38	4052781.50	63.16	63.16
DISCCART	733471.38	4052806.50	63.14	63.14
DISCCART	733471.38	4052831.50	63.05	63.05
DISCCART	733471.38	4052856.50	63.04	63.04
DISCCART	733471.38	4052881.50	62.94	62.94
DISCCART	733471.38	4052906.50	62.93	62.93
DISCCART	733471.38	4054031.50	61.24	61.24
DISCCART	733471.38	4054056.50	61.24	61.24
DISCCART	733471.38	4054081.50	61.24	61.24
DISCCART	733471.38	4054106.50	61.19	61.19
DISCCART	733471.38	4055231.50	60.36	60.36
DISCCART	733471.38	4055256.50	60.34	60.34
DISCCART	733471.38	4055281.50	60.34	60.34
DISCCART	733471.38	4055306.50	60.34	60.34
DISCCART	733471.38	4055331.50	60.34	60.34
DISCCART	733496.38	4052331.50	64.47	64.47
DISCCART	733496.38	4052356.50	64.44	64.44
DISCCART	733496.38	4052381.50	64.35	64.35
DISCCART	733496.38	4052406.50	64.30	64.30
DISCCART	733496.38	4052431.50	64.22	64.22
DISCCART	733496.38	4052456.50	64.14	64.14
DISCCART	733496.38	4052481.50	64.07	64.07
DISCCART	733496.38	4052506.50	64.01	64.01
DISCCART	733496.38	4052531.50	63.92	63.92
DISCCART	733496.38	4052556.50	63.84	63.84
DISCCART	733496.38	4052581.50	63.74	63.74
DISCCART	733496.38	4052606.50	63.66	63.66
DISCCART	733496.38	4052631.50	63.58	63.58
DISCCART	733496.38	4052656.50	63.50	63.50
DISCCART	733496.38	4052681.50	63.44	63.44
DISCCART	733496.38	4052706.50	63.34	63.34
DISCCART	733496.38	4052731.50	63.25	63.25
DISCCART	733496.38	4052756.50	63.24	63.24
DISCCART	733496.38	4052781.50	63.14	63.14
DISCCART	733496.38	4052806.50	63.11	63.11
DISCCART	733496.38	4052831.50	63.04	63.04
DISCCART	733496.38	4052856.50	63.01	63.01
DISCCART	733496.38	4052881.50	62.94	62.94
DISCCART	733496.38	4052906.50	62.85	62.85
DISCCART	733496.38	4053981.50	61.25	61.25
DISCCART	733496.38	4054006.50	61.24	61.24
DISCCART	733496.38	4054031.50	61.24	61.24
DISCCART	733496.38	4054056.50	61.16	61.16
DISCCART	733496.38	4054081.50	61.14	61.14
DISCCART	733496.38	4054106.50	61.14	61.14
DISCCART	733496.38	4054906.50	60.54	60.54
DISCCART	733496.38	4054931.50	60.54	60.54
DISCCART	733496.38	4054956.50	60.54	60.54
DISCCART	733496.38	4054981.50	60.54	60.54
DISCCART	733496.38	4055006.50	60.54	60.54
DISCCART	733496.38	4055031.50	60.52	60.52
DISCCART	733496.38	4055056.50	60.45	60.45
DISCCART	733496.38	4055081.50	60.44	60.44
DISCCART	733496.38	4055106.50	60.44	60.44
DISCCART	733496.38	4055131.50	60.44	60.44
DISCCART	733496.38	4055156.50	60.44	60.44
DISCCART	733496.38	4055181.50	60.43	60.43
DISCCART	733496.38	4055206.50	60.35	60.35
DISCCART	733496.38	4055231.50	60.34	60.34
DISCCART	733496.38	4055256.50	60.34	60.34
DISCCART	733496.38	4055281.50	60.33	60.33
DISCCART	733496.38	4055306.50	60.33	60.33
DISCCART	733496.38	4055331.50	60.33	60.33
DISCCART	733521.38	4052331.50	64.44	64.44
DISCCART	733521.38	4052356.50	64.41	64.41
DISCCART	733521.38	4052381.50	64.34	64.34
DISCCART	733521.38	4052406.50	64.24	64.24
DISCCART	733521.38	4052431.50	64.16	64.16
DISCCART	733521.38	4052456.50	64.13	64.13
DISCCART	733521.38	4052481.50	64.04	64.04
DISCCART	733521.38	4052506.50	63.94	63.94
DISCCART	733521.38	4052531.50	63.86	63.86
DISCCART	733521.38	4052556.50	63.81	63.81
DISCCART	733521.38	4052581.50	63.73	63.73
DISCCART	733521.38	4052606.50	63.64	63.64
DISCCART	733521.38	4052631.50	63.54	63.54
DISCCART	733521.38	4052656.50	63.45	63.45
DISCCART	733521.38	4052681.50	63.36	63.36
DISCCART	733521.38	4052706.50	63.31	63.31
DISCCART	733521.38	4052731.50	63.24	63.24
DISCCART	733521.38	4052756.50	63.17	63.17
DISCCART	733521.38	4052781.50	63.14	63.14
DISCCART	733521.38	4052806.50	63.04	63.04
DISCCART	733521.38	4052831.50	63.04	63.04
DISCCART	733521.38	4052856.50	62.94	62.94
DISCCART	733521.38	4052881.50	62.90	62.90
DISCCART	733521.38	4052906.50	62.84	62.84

DISCCART	733521.38	4052931.50	62.84	62.84
DISCCART	733521.38	4053481.50	61.80	61.80
DISCCART	733521.38	4053506.50	61.74	61.74
DISCCART	733521.38	4053531.50	61.74	61.74
DISCCART	733521.38	4053556.50	61.74	61.74
DISCCART	733521.38	4053581.50	61.66	61.66
DISCCART	733521.38	4053606.50	61.64	61.64
DISCCART	733521.38	4053631.50	61.64	61.64
DISCCART	733521.38	4053656.50	61.57	61.57
DISCCART	733521.38	4053681.50	61.54	61.54
DISCCART	733521.38	4053706.50	61.54	61.54
DISCCART	733521.38	4053731.50	61.54	61.54
DISCCART	733521.38	4053756.50	61.45	61.45
DISCCART	733521.38	4053781.50	61.44	61.44
DISCCART	733521.38	4053806.50	61.44	61.44
DISCCART	733521.38	4053831.50	61.35	61.35
DISCCART	733521.38	4053856.50	61.34	61.34
DISCCART	733521.38	4053881.50	61.34	61.34
DISCCART	733521.38	4053906.50	61.34	61.34
DISCCART	733521.38	4053931.50	61.26	61.26
DISCCART	733521.38	4053956.50	61.24	61.24
DISCCART	733521.38	4053981.50	61.24	61.24
DISCCART	733521.38	4054006.50	61.24	61.24
DISCCART	733521.38	4054031.50	61.16	61.16
DISCCART	733521.38	4054056.50	61.14	61.14
DISCCART	733521.38	4054081.50	61.14	61.14
DISCCART	733521.38	4054106.50	61.14	61.14
DISCCART	733521.38	4054131.50	61.09	61.09
DISCCART	733521.38	4054156.50	61.04	61.04
DISCCART	733521.38	4054181.50	61.04	61.04
DISCCART	733521.38	4054206.50	61.04	61.04
DISCCART	733521.38	4054231.50	60.99	60.99
DISCCART	733521.38	4054256.50	60.94	60.94
DISCCART	733521.38	4054281.50	60.94	60.94
DISCCART	733521.38	4054306.50	60.94	60.94
DISCCART	733521.38	4054331.50	60.91	60.91
DISCCART	733521.38	4054356.50	60.85	60.85
DISCCART	733521.38	4054381.50	60.84	60.84
DISCCART	733521.38	4054406.50	60.84	60.84
DISCCART	733521.38	4054431.50	60.84	60.84
DISCCART	733521.38	4054456.50	60.80	60.80
DISCCART	733521.38	4054481.50	60.74	60.74
DISCCART	733521.38	4054506.50	60.74	60.74
DISCCART	733521.38	4054531.50	60.74	60.74
DISCCART	733521.38	4054556.50	60.74	60.74
DISCCART	733521.38	4054581.50	60.74	60.74
DISCCART	733521.38	4054606.50	60.68	60.68
DISCCART	733521.38	4054631.50	60.66	60.66
DISCCART	733521.38	4054656.50	60.64	60.64
DISCCART	733521.38	4054681.50	60.64	60.64
DISCCART	733521.38	4054706.50	60.64	60.64
DISCCART	733521.38	4054731.50	60.64	60.64
DISCCART	733521.38	4054756.50	60.64	60.64
DISCCART	733521.38	4054781.50	60.58	60.58
DISCCART	733521.38	4054806.50	60.54	60.54
DISCCART	733521.38	4054831.50	60.54	60.54
DISCCART	733521.38	4054856.50	60.54	60.54
DISCCART	733521.38	4054881.50	60.54	60.54
DISCCART	733521.38	4054906.50	60.54	60.54
DISCCART	733521.38	4054931.50	60.54	60.54
DISCCART	733521.38	4054956.50	60.48	60.48
DISCCART	733521.38	4054981.50	60.45	60.45
DISCCART	733521.38	4055006.50	60.44	60.44
DISCCART	733521.38	4055031.50	60.44	60.44
DISCCART	733521.38	4055056.50	60.44	60.44
DISCCART	733521.38	4055081.50	60.44	60.44
DISCCART	733521.38	4055106.50	60.44	60.44
DISCCART	733521.38	4055131.50	60.43	60.43
DISCCART	733521.38	4055156.50	60.38	60.38
DISCCART	733521.38	4055181.50	60.36	60.36
DISCCART	733521.38	4055206.50	60.34	60.34
DISCCART	733521.38	4055231.50	60.25	60.25
DISCCART	733521.38	4055256.50	60.24	60.24
DISCCART	733521.38	4055281.50	60.24	60.24
DISCCART	733521.38	4055306.50	60.24	60.24
DISCCART	733521.38	4055331.50	60.24	60.24
DISCCART	733546.38	4052331.50	64.44	64.44
DISCCART	733546.38	4052356.50	64.34	64.34
DISCCART	733546.38	4052381.50	64.26	64.26
DISCCART	733546.38	4052406.50	64.21	64.21
DISCCART	733546.38	4052431.50	64.14	64.14
DISCCART	733546.38	4052456.50	64.04	64.04
DISCCART	733546.38	4052481.50	63.97	63.97
DISCCART	733546.38	4052506.50	63.90	63.90
DISCCART	733546.38	4052531.50	63.83	63.83
DISCCART	733546.38	4052556.50	63.74	63.74
DISCCART	733546.38	4052581.50	63.67	63.67
DISCCART	733546.38	4052606.50	63.60	63.60
DISCCART	733546.38	4052631.50	63.54	63.54
DISCCART	733546.38	4052656.50	63.44	63.44
DISCCART	733546.38	4052681.50	63.34	63.34
DISCCART	733546.38	4052706.50	63.26	63.26
DISCCART	733546.38	4052731.50	63.24	63.24
DISCCART	733546.38	4052756.50	63.14	63.14
DISCCART	733546.38	4052781.50	63.08	63.08
DISCCART	733546.38	4052806.50	63.04	63.04
DISCCART	733546.38	4052831.50	62.98	62.98
DISCCART	733546.38	4052856.50	62.94	62.94
DISCCART	733546.38	4052881.50	62.84	62.84
DISCCART	733546.38	4052906.50	62.84	62.84
DISCCART	733546.38	4052931.50	62.77	62.77
DISCCART	733546.38	4052956.50	62.74	62.74
DISCCART	733546.38	4052981.50	62.66	62.66
DISCCART	733546.38	4053006.50	62.64	62.64
DISCCART	733546.38	4053031.50	62.57	62.57
DISCCART	733546.38	4053056.50	62.54	62.54
DISCCART	733546.38	4053081.50	62.47	62.47
DISCCART	733546.38	4053106.50	62.44	62.44
DISCCART	733546.38	4053131.50	62.37	62.37
DISCCART	733546.38	4053156.50	62.34	62.34
DISCCART	733546.38	4053181.50	62.33	62.33
DISCCART	733546.38	4053206.50	62.24	62.24
DISCCART	733546.38	4053231.50	62.24	62.24
DISCCART	733546.38	4053256.50	62.16	62.16
DISCCART	733546.38	4053281.50	62.14	62.14
DISCCART	733546.38	4053306.50	62.10	62.10
DISCCART	733546.38	4053331.50	62.04	62.04
DISCCART	733546.38	4053356.50	62.04	62.04
DISCCART	733546.38	4053381.50	61.94	61.94
DISCCART	733546.38	4053406.50	61.94	61.94
DISCCART	733546.38	4053431.50	61.84	61.84
DISCCART	733546.38	4053456.50	61.82	61.82
DISCCART	733546.38	4053481.50	61.74	61.74
DISCCART	733546.38	4053506.50	61.74	61.74

DISCCART	733546.38	4053531.50	61.73	61.73
DISCCART	733546.38	4053556.50	61.65	61.65
DISCCART	733546.38	4053581.50	61.64	61.64
DISCCART	733546.38	4053606.50	61.64	61.64
DISCCART	733546.38	4053631.50	61.58	61.58
DISCCART	733546.38	4053656.50	61.54	61.54
DISCCART	733546.38	4053681.50	61.54	61.54
DISCCART	733546.38	4053706.50	61.49	61.49
DISCCART	733546.38	4053731.50	61.44	61.44
DISCCART	733546.38	4053756.50	61.44	61.44
DISCCART	733546.38	4053781.50	61.44	61.44
DISCCART	733546.38	4053806.50	61.35	61.35
DISCCART	733546.38	4053831.50	61.34	61.34
DISCCART	733546.38	4053856.50	61.34	61.34
DISCCART	733546.38	4053881.50	61.25	61.25
DISCCART	733546.38	4053906.50	61.25	61.25
DISCCART	733546.38	4053931.50	61.24	61.24
DISCCART	733546.38	4053956.50	61.24	61.24
DISCCART	733546.38	4053981.50	61.22	61.22
DISCCART	733546.38	4054006.50	61.15	61.15
DISCCART	733546.38	4054031.50	61.14	61.14
DISCCART	733546.38	4054056.50	61.06	61.06
DISCCART	733546.38	4054081.50	61.14	61.14
DISCCART	733546.38	4054106.50	61.05	61.05
DISCCART	733546.38	4054131.50	61.04	61.04
DISCCART	733546.38	4054156.50	61.04	61.04
DISCCART	733546.38	4054181.50	61.03	61.03
DISCCART	733546.38	4054206.50	60.95	60.95
DISCCART	733546.38	4054231.50	60.94	60.94
DISCCART	733546.38	4054256.50	60.92	60.92
DISCCART	733546.38	4054281.50	60.91	60.91
DISCCART	733546.38	4054306.50	60.85	60.85
DISCCART	733546.38	4054331.50	60.84	60.84
DISCCART	733546.38	4054356.50	60.84	60.84
DISCCART	733546.38	4054381.50	60.84	60.84
DISCCART	733546.38	4054406.50	60.83	60.83
DISCCART	733546.38	4054431.50	60.74	60.74
DISCCART	733546.38	4054456.50	60.74	60.74
DISCCART	733546.38	4054481.50	60.74	60.74
DISCCART	733546.38	4054506.50	60.74	60.74
DISCCART	733546.38	4054531.50	60.74	60.74
DISCCART	733546.38	4054556.50	60.70	60.70
DISCCART	733546.38	4054581.50	60.65	60.65
DISCCART	733546.38	4054606.50	60.64	60.64
DISCCART	733546.38	4054631.50	60.64	60.64
DISCCART	733546.38	4054656.50	60.64	60.64
DISCCART	733546.38	4054681.50	60.64	60.64
DISCCART	733546.38	4054706.50	60.63	60.63
DISCCART	733546.38	4054731.50	60.55	60.55
DISCCART	733546.38	4054756.50	60.54	60.54
DISCCART	733546.38	4054781.50	60.54	60.54
DISCCART	733546.38	4054806.50	60.54	60.54
DISCCART	733546.38	4054831.50	60.54	60.54
DISCCART	733546.38	4054856.50	60.53	60.53
DISCCART	733546.38	4054881.50	60.52	60.52
DISCCART	733546.38	4054906.50	60.46	60.46
DISCCART	733546.38	4054931.50	60.44	60.44
DISCCART	733546.38	4054956.50	60.44	60.44
DISCCART	733546.38	4054981.50	60.44	60.44
DISCCART	733546.38	4055006.50	60.44	60.44
DISCCART	733546.38	4055031.50	60.44	60.44
DISCCART	733546.38	4055056.50	60.43	60.43
DISCCART	733546.38	4055081.50	60.38	60.38
DISCCART	733546.38	4055106.50	60.36	60.36
DISCCART	733546.38	4055131.50	60.34	60.34
DISCCART	733546.38	4055156.50	60.34	60.34
DISCCART	733546.38	4055181.50	60.34	60.34
DISCCART	733546.38	4055206.50	60.34	60.34
DISCCART	733546.38	4055231.50	60.34	60.34
DISCCART	733546.38	4055256.50	60.26	60.26
DISCCART	733546.38	4055281.50	60.24	60.24
DISCCART	733546.38	4055306.50	60.24	60.24
DISCCART	733546.38	4055331.50	60.24	60.24
DISCCART	733571.38	4052331.50	64.35	64.35
DISCCART	733571.38	4052356.50	64.32	64.32
DISCCART	733571.38	4052381.50	64.24	64.24
DISCCART	733571.38	4052406.50	64.14	64.14
DISCCART	733571.38	4052431.50	64.08	64.08
DISCCART	733571.38	4052456.50	64.02	64.02
DISCCART	733571.38	4052481.50	63.94	63.94
DISCCART	733571.38	4052506.50	63.85	63.85
DISCCART	733571.38	4052531.50	63.78	63.78
DISCCART	733571.38	4052556.50	63.72	63.72
DISCCART	733571.38	4052581.50	63.64	63.64
DISCCART	733571.38	4052606.50	63.55	63.55
DISCCART	733571.38	4052631.50	63.50	63.50
DISCCART	733571.38	4052656.50	63.41	63.41
DISCCART	733571.38	4052681.50	63.34	63.34
DISCCART	733571.38	4052706.50	63.24	63.24
DISCCART	733571.38	4052731.50	63.17	63.17
DISCCART	733571.38	4052756.50	63.14	63.14
DISCCART	733571.38	4052781.50	63.04	63.04
DISCCART	733571.38	4052806.50	63.04	63.04
DISCCART	733571.38	4052831.50	62.94	62.94
DISCCART	733571.38	4052856.50	62.94	62.94
DISCCART	733571.38	4052881.50	62.84	62.84
DISCCART	733571.38	4052906.50	62.80	62.80
DISCCART	733571.38	4052931.50	62.74	62.74
DISCCART	733571.38	4052956.50	62.70	62.70
DISCCART	733571.38	4052981.50	62.64	62.64
DISCCART	733571.38	4053006.50	62.60	62.60
DISCCART	733571.38	4053031.50	62.54	62.54
DISCCART	733571.38	4053056.50	62.47	62.47
DISCCART	733571.38	4053081.50	62.44	62.44
DISCCART	733571.38	4053106.50	62.43	62.43
DISCCART	733571.38	4053131.50	62.34	62.34
DISCCART	733571.38	4053156.50	62.34	62.34
DISCCART	733571.38	4053181.50	62.24	62.24
DISCCART	733571.38	4053206.50	62.24	62.24
DISCCART	733571.38	4053231.50	62.16	62.16
DISCCART	733571.38	4053256.50	62.14	62.14
DISCCART	733571.38	4053281.50	62.10	62.10
DISCCART	733571.38	4053306.50	62.04	62.04
DISCCART	733571.38	4053331.50	62.04	62.04
DISCCART	733571.38	4053356.50	61.95	61.95
DISCCART	733571.38	4053381.50	61.94	61.94
DISCCART	733571.38	4053406.50	61.87	61.87
DISCCART	733571.38	4053431.50	61.84	61.84
DISCCART	733571.38	4053456.50	61.74	61.74
DISCCART	733571.38	4053481.50	61.74	61.74
DISCCART	733571.38	4053506.50	61.74	61.74
DISCCART	733571.38	4053531.50	61.64	61.64
DISCCART	733571.38	4053556.50	61.64	61.64
DISCCART	733571.38	4053581.50	61.64	61.64

DISCCART	733571.38	4053606.50	61.58	61.58
DISCCART	733571.38	4053631.50	61.54	61.54
DISCCART	733571.38	4053656.50	61.54	61.54
DISCCART	733571.38	4053681.50	61.45	61.45
DISCCART	733571.38	4053706.50	61.44	61.44
DISCCART	733571.38	4053731.50	61.44	61.44
DISCCART	733571.38	4053756.50	61.44	61.44
DISCCART	733571.38	4053781.50	61.35	61.35
DISCCART	733571.38	4053806.50	61.34	61.34
DISCCART	733571.38	4053831.50	61.34	61.34
DISCCART	733571.38	4053856.50	61.24	61.24
DISCCART	733571.38	4053881.50	61.24	61.24
DISCCART	733571.38	4053906.50	61.24	61.24
DISCCART	733571.38	4053931.50	61.24	61.24
DISCCART	733571.38	4053956.50	61.19	61.19
DISCCART	733571.38	4053981.50	61.14	61.14
DISCCART	733571.38	4054006.50	61.14	61.14
DISCCART	733571.38	4054031.50	61.14	61.14
DISCCART	733571.38	4054056.50	61.06	61.06
DISCCART	733571.38	4054081.50	61.04	61.04
DISCCART	733571.38	4054106.50	61.04	61.04
DISCCART	733571.38	4054131.50	61.04	61.04
DISCCART	733571.38	4054156.50	60.99	60.99
DISCCART	733571.38	4054181.50	60.94	60.94
DISCCART	733571.38	4054206.50	60.94	60.94
DISCCART	733571.38	4054231.50	60.84	60.84
DISCCART	733571.38	4054256.50	60.84	60.84
DISCCART	733571.38	4054281.50	60.84	60.84
DISCCART	733571.38	4054306.50	60.84	60.84
DISCCART	733571.38	4054331.50	60.84	60.84
DISCCART	733571.38	4054356.50	60.84	60.84
DISCCART	733571.38	4054381.50	60.75	60.75
DISCCART	733571.38	4054406.50	60.74	60.74
DISCCART	733571.38	4054431.50	60.74	60.74
DISCCART	733571.38	4054456.50	60.74	60.74
DISCCART	733571.38	4054481.50	60.74	60.74
DISCCART	733571.38	4054506.50	60.67	60.67
DISCCART	733571.38	4054531.50	60.64	60.64
DISCCART	733571.38	4054556.50	60.64	60.64
DISCCART	733571.38	4054581.50	60.64	60.64
DISCCART	733571.38	4054606.50	60.64	60.64
DISCCART	733571.38	4054631.50	60.64	60.64
DISCCART	733571.38	4054656.50	60.58	60.58
DISCCART	733571.38	4054681.50	60.54	60.54
DISCCART	733571.38	4054706.50	60.54	60.54
DISCCART	733571.38	4054731.50	60.54	60.54
DISCCART	733571.38	4054756.50	60.54	60.54
DISCCART	733571.38	4054781.50	60.54	60.54
DISCCART	733571.38	4054806.50	60.52	60.52
DISCCART	733571.38	4054831.50	60.49	60.49
DISCCART	733571.38	4054856.50	60.44	60.44
DISCCART	733571.38	4054881.50	60.44	60.44
DISCCART	733571.38	4054906.50	60.44	60.44
DISCCART	733571.38	4054931.50	60.44	60.44
DISCCART	733571.38	4054956.50	60.44	60.44
DISCCART	733571.38	4054981.50	60.44	60.44
DISCCART	733571.38	4055006.50	60.39	60.39
DISCCART	733571.38	4055031.50	60.34	60.34
DISCCART	733571.38	4055056.50	60.34	60.34
DISCCART	733571.38	4055081.50	60.34	60.34
DISCCART	733571.38	4055106.50	60.34	60.34
DISCCART	733571.38	4055131.50	60.34	60.34
DISCCART	733571.38	4055156.50	60.34	60.34
DISCCART	733571.38	4055181.50	60.30	60.30
DISCCART	733571.38	4055206.50	60.28	60.28
DISCCART	733571.38	4055231.50	60.25	60.25
DISCCART	733571.38	4055256.50	60.24	60.24
DISCCART	733571.38	4055281.50	60.24	60.24
DISCCART	733571.38	4055306.50	60.24	60.24
DISCCART	733571.38	4055331.50	60.24	60.24
DISCCART	733596.38	4052331.50	64.36	64.36
DISCCART	733596.38	4052356.50	64.32	64.32
DISCCART	733596.38	4052381.50	64.24	64.24
DISCCART	733596.38	4052406.50	64.14	64.14
DISCCART	733596.38	4052431.50	64.04	64.04
DISCCART	733596.38	4052456.50	63.96	63.96
DISCCART	733596.38	4052481.50	63.92	63.92
DISCCART	733596.38	4052506.50	63.84	63.84
DISCCART	733596.38	4052531.50	63.74	63.74
DISCCART	733596.38	4052556.50	63.70	63.70
DISCCART	733596.38	4052581.50	63.63	63.63
DISCCART	733596.38	4052606.50	63.54	63.54
DISCCART	733596.38	4052631.50	63.45	63.45
DISCCART	733596.38	4052656.50	63.40	63.40
DISCCART	733596.38	4052681.50	63.34	63.34
DISCCART	733596.38	4052706.50	63.24	63.24
DISCCART	733596.38	4052731.50	63.18	63.18
DISCCART	733596.38	4052756.50	63.14	63.14
DISCCART	733596.38	4052781.50	63.04	63.04
DISCCART	733596.38	4052806.50	63.02	63.02
DISCCART	733596.38	4052831.50	62.94	62.94
DISCCART	733596.38	4052856.50	62.90	62.90
DISCCART	733596.38	4052881.50	62.84	62.84
DISCCART	733596.38	4052906.50	62.76	62.76
DISCCART	733596.38	4052931.50	62.74	62.74
DISCCART	733596.38	4052956.50	62.66	62.66
DISCCART	733596.38	4052981.50	62.64	62.64
DISCCART	733596.38	4053006.50	62.55	62.55
DISCCART	733596.38	4053031.50	62.53	62.53
DISCCART	733596.38	4053056.50	62.44	62.44
DISCCART	733596.38	4053081.50	62.43	62.43
DISCCART	733596.38	4053106.50	62.34	62.34
DISCCART	733596.38	4053131.50	62.33	62.33
DISCCART	733596.38	4053156.50	62.24	62.24
DISCCART	733596.38	4053181.50	62.24	62.24
DISCCART	733596.38	4053206.50	62.15	62.15
DISCCART	733596.38	4053231.50	62.14	62.14
DISCCART	733596.38	4053256.50	62.10	62.10
DISCCART	733596.38	4053281.50	62.04	62.04
DISCCART	733596.38	4053306.50	62.04	62.04
DISCCART	733596.38	4053331.50	61.94	61.94
DISCCART	733596.38	4053356.50	61.94	61.94
DISCCART	733596.38	4053381.50	61.87	61.87
DISCCART	733596.38	4053406.50	61.84	61.84
DISCCART	733596.38	4053431.50	61.83	61.83
DISCCART	733596.38	4053456.50	61.74	61.74
DISCCART	733596.38	4053481.50	61.74	61.74
DISCCART	733596.38	4053506.50	61.65	61.65
DISCCART	733596.38	4053531.50	61.64	61.64
DISCCART	733596.38	4053556.50	61.64	61.64
DISCCART	733596.38	4053581.50	61.58	61.58
DISCCART	733596.38	4053606.50	61.54	61.54
DISCCART	733596.38	4053631.50	61.54	61.54
DISCCART	733596.38	4053656.50	61.46	61.46

DISCCART	733596.38	4053681.50	61.44	61.44
DISCCART	733596.38	4053706.50	61.44	61.44
DISCCART	733596.38	4053731.50	61.36	61.36
DISCCART	733596.38	4053756.50	61.34	61.34
DISCCART	733596.38	4053781.50	61.34	61.34
DISCCART	733596.38	4053806.50	61.34	61.34
DISCCART	733596.38	4053831.50	61.28	61.28
DISCCART	733596.38	4053856.50	61.24	61.24
DISCCART	733596.38	4053881.50	61.22	61.22
DISCCART	733596.38	4053906.50	61.16	61.16
DISCCART	733596.38	4053931.50	61.18	61.18
DISCCART	733596.38	4053956.50	61.14	61.14
DISCCART	733596.38	4053981.50	61.14	61.14
DISCCART	733596.38	4054006.50	61.14	61.14
DISCCART	733596.38	4054031.50	61.05	61.05
DISCCART	733596.38	4054056.50	60.96	60.96
DISCCART	733596.38	4054081.50	61.04	61.04
DISCCART	733596.38	4054106.50	61.03	61.03
DISCCART	733596.38	4054131.50	60.94	60.94
DISCCART	733596.38	4054156.50	60.94	60.94
DISCCART	733596.38	4054181.50	60.94	60.94
DISCCART	733596.38	4054206.50	60.90	60.90
DISCCART	733596.38	4054231.50	60.84	60.84
DISCCART	733596.38	4054256.50	60.84	60.84
DISCCART	733596.38	4054281.50	60.84	60.84
DISCCART	733596.38	4054306.50	60.84	60.84
DISCCART	733596.38	4054331.50	60.78	60.78
DISCCART	733596.38	4054356.50	60.74	60.74
DISCCART	733596.38	4054381.50	60.74	60.74
DISCCART	733596.38	4054406.50	60.74	60.74
DISCCART	733596.38	4054431.50	60.73	60.73
DISCCART	733596.38	4054456.50	60.66	60.66
DISCCART	733596.38	4054481.50	60.64	60.64
DISCCART	733596.38	4054506.50	60.64	60.64
DISCCART	733596.38	4054531.50	60.64	60.64
DISCCART	733596.38	4054556.50	60.64	60.64
DISCCART	733596.38	4054581.50	60.62	60.62
DISCCART	733596.38	4054606.50	60.55	60.55
DISCCART	733596.38	4054631.50	60.54	60.54
DISCCART	733596.38	4054656.50	60.54	60.54
DISCCART	733596.38	4054681.50	60.54	60.54
DISCCART	733596.38	4054706.50	60.54	60.54
DISCCART	733596.38	4054731.50	60.54	60.54
DISCCART	733596.38	4054756.50	60.50	60.50
DISCCART	733596.38	4054781.50	60.46	60.46
DISCCART	733596.38	4054806.50	60.44	60.44
DISCCART	733596.38	4054831.50	60.44	60.44
DISCCART	733596.38	4054856.50	60.44	60.44
DISCCART	733596.38	4054881.50	60.44	60.44
DISCCART	733596.38	4054906.50	60.42	60.42
DISCCART	733596.38	4054931.50	60.38	60.38
DISCCART	733596.38	4054956.50	60.35	60.35
DISCCART	733596.38	4054981.50	60.34	60.34
DISCCART	733596.38	4055006.50	60.34	60.34
DISCCART	733596.38	4055031.50	60.34	60.34
DISCCART	733596.38	4055056.50	60.34	60.34
DISCCART	733596.38	4055081.50	60.34	60.34
DISCCART	733596.38	4055106.50	60.32	60.32
DISCCART	733596.38	4055131.50	60.26	60.26
DISCCART	733596.38	4055156.50	60.24	60.24
DISCCART	733596.38	4055181.50	60.24	60.24
DISCCART	733596.38	4055206.50	60.24	60.24
DISCCART	733596.38	4055231.50	60.24	60.24
DISCCART	733596.38	4055256.50	60.24	60.24
DISCCART	733596.38	4055281.50	60.24	60.24
DISCCART	733596.38	4055306.50	60.24	60.24
DISCCART	733596.38	4055331.50	60.24	60.24
DISCCART	733621.38	4052331.50	64.34	64.34
DISCCART	733621.38	4052356.50	64.24	64.24
DISCCART	733621.38	4052381.50	64.16	64.16
DISCCART	733621.38	4052406.50	64.07	64.07
DISCCART	733621.38	4052431.50	64.00	64.00
DISCCART	733621.38	4052456.50	63.94	63.94
DISCCART	733621.38	4052481.50	63.84	63.84
DISCCART	733621.38	4052506.50	63.77	63.77
DISCCART	733621.38	4052531.50	63.74	63.74
DISCCART	733621.38	4052556.50	63.64	63.64
DISCCART	733621.38	4052581.50	63.55	63.55
DISCCART	733621.38	4052606.50	63.48	63.48
DISCCART	733621.38	4052631.50	63.44	63.44
DISCCART	733621.38	4052656.50	63.34	63.34
DISCCART	733621.38	4052681.50	63.30	63.30
DISCCART	733621.38	4052706.50	63.24	63.24
DISCCART	733621.38	4052731.50	63.16	63.16
DISCCART	733621.38	4052756.50	63.13	63.13
DISCCART	733621.38	4052781.50	63.04	63.04
DISCCART	733621.38	4052806.50	62.95	62.95
DISCCART	733621.38	4052831.50	62.93	62.93
DISCCART	733621.38	4052856.50	62.84	62.84
DISCCART	733621.38	4052881.50	62.80	62.80
DISCCART	733621.38	4052906.50	62.74	62.74
DISCCART	733621.38	4052931.50	62.66	62.66
DISCCART	733621.38	4052956.50	62.64	62.64
DISCCART	733621.38	4052981.50	62.55	62.55
DISCCART	733621.38	4053006.50	62.54	62.54
DISCCART	733621.38	4053031.50	62.44	62.44
DISCCART	733621.38	4053056.50	62.43	62.43
DISCCART	733621.38	4053081.50	62.34	62.34
DISCCART	733621.38	4053106.50	62.34	62.34
DISCCART	733621.38	4053131.50	62.26	62.26
DISCCART	733621.38	4053156.50	62.24	62.24
DISCCART	733621.38	4053181.50	62.16	62.16
DISCCART	733621.38	4053206.50	62.14	62.14
DISCCART	733621.38	4053231.50	62.10	62.10
DISCCART	733621.38	4053256.50	62.04	62.04
DISCCART	733621.38	4053281.50	62.04	62.04
DISCCART	733621.38	4053306.50	61.95	61.95
DISCCART	733621.38	4053331.50	61.94	61.94
DISCCART	733621.38	4053356.50	61.87	61.87
DISCCART	733621.38	4053381.50	61.84	61.84
DISCCART	733621.38	4053406.50	61.83	61.83
DISCCART	733621.38	4053431.50	61.74	61.74
DISCCART	733621.38	4053456.50	61.74	61.74
DISCCART	733621.38	4053481.50	61.68	61.68
DISCCART	733621.38	4053506.50	61.64	61.64
DISCCART	733621.38	4053531.50	61.64	61.64
DISCCART	733621.38	4053556.50	61.58	61.58
DISCCART	733621.38	4053581.50	61.54	61.54
DISCCART	733621.38	4053606.50	61.54	61.54
DISCCART	733621.38	4053631.50	61.45	61.45
DISCCART	733621.38	4053656.50	61.44	61.44
DISCCART	733621.38	4053681.50	61.44	61.44
DISCCART	733621.38	4053706.50	61.37	61.37
DISCCART	733621.38	4053731.50	61.34	61.34

DISCCART	733621.38	4053756.50	61.34	61.34
DISCCART	733621.38	4053781.50	61.29	61.29
DISCCART	733621.38	4053806.50	61.28	61.28
DISCCART	733621.38	4053831.50	61.24	61.24
DISCCART	733621.38	4053856.50	61.24	61.24
DISCCART	733621.38	4053881.50	61.16	61.16
DISCCART	733621.38	4053906.50	61.14	61.14
DISCCART	733621.38	4053931.50	61.12	61.12
DISCCART	733621.38	4053956.50	61.14	61.14
DISCCART	733621.38	4053981.50	61.10	61.10
DISCCART	733621.38	4054006.50	61.05	61.05
DISCCART	733621.38	4054031.50	61.04	61.04
DISCCART	733621.38	4054056.50	60.95	60.95
DISCCART	733621.38	4054081.50	60.99	60.99
DISCCART	733621.38	4054106.50	60.94	60.94
DISCCART	733621.38	4054131.50	60.94	60.94
DISCCART	733621.38	4054156.50	60.94	60.94
DISCCART	733621.38	4054181.50	60.88	60.88
DISCCART	733621.38	4054206.50	60.84	60.84
DISCCART	733621.38	4054231.50	60.84	60.84
DISCCART	733621.38	4054256.50	60.94	60.84
DISCCART	733621.38	4054281.50	60.78	60.78
DISCCART	733621.38	4054306.50	60.75	60.75
DISCCART	733621.38	4054331.50	60.74	60.74
DISCCART	733621.38	4054356.50	60.74	60.74
DISCCART	733621.38	4054381.50	60.74	60.74
DISCCART	733621.38	4054406.50	60.67	60.67
DISCCART	733621.38	4054431.50	60.64	60.64
DISCCART	733621.38	4054456.50	60.64	60.64
DISCCART	733621.38	4054481.50	60.64	60.64
DISCCART	733621.38	4054506.50	60.64	60.64
DISCCART	733621.38	4054531.50	60.60	60.60
DISCCART	733621.38	4054556.50	60.54	60.54
DISCCART	733621.38	4054581.50	60.54	60.54
DISCCART	733621.38	4054606.50	60.54	60.54
DISCCART	733621.38	4054631.50	60.54	60.54
DISCCART	733621.38	4054656.50	60.54	60.54
DISCCART	733621.38	4054681.50	60.53	60.53
DISCCART	733621.38	4054706.50	60.47	60.47
DISCCART	733621.38	4054731.50	60.44	60.44
DISCCART	733621.38	4054756.50	60.44	60.44
DISCCART	733621.38	4054781.50	60.44	60.44
DISCCART	733621.38	4054806.50	60.44	60.44
DISCCART	733621.38	4054831.50	60.44	60.44
DISCCART	733621.38	4054856.50	60.38	60.38
DISCCART	733621.38	4054881.50	60.36	60.36
DISCCART	733621.38	4054906.50	60.34	60.34
DISCCART	733621.38	4054931.50	60.34	60.34
DISCCART	733621.38	4054956.50	60.34	60.34
DISCCART	733621.38	4054981.50	60.34	60.34
DISCCART	733621.38	4055006.50	60.34	60.34
DISCCART	733621.38	4055031.50	60.31	60.31
DISCCART	733621.38	4055056.50	60.29	60.29
DISCCART	733621.38	4055081.50	60.24	60.24
DISCCART	733621.38	4055106.50	60.24	60.24
DISCCART	733621.38	4055131.50	60.24	60.24
DISCCART	733621.38	4055156.50	60.24	60.24
DISCCART	733621.38	4055181.50	60.24	60.24
DISCCART	733621.38	4055206.50	60.24	60.24
DISCCART	733621.38	4055231.50	60.25	60.25
DISCCART	733621.38	4055256.50	60.18	60.18
DISCCART	733621.38	4055281.50	60.18	60.18
DISCCART	733621.38	4055306.50	60.19	60.19
DISCCART	733621.38	4055331.50	60.18	60.18
DISCCART	733646.38	4052331.50	64.28	64.28
DISCCART	733646.38	4052356.50	64.20	64.20
DISCCART	733646.38	4052381.50	64.12	64.12
DISCCART	733646.38	4052406.50	64.04	64.04
DISCCART	733646.38	4052431.50	63.95	63.95
DISCCART	733646.38	4052456.50	63.86	63.86
DISCCART	733646.38	4052481.50	63.82	63.82
DISCCART	733646.38	4052506.50	63.74	63.74
DISCCART	733646.38	4052531.50	63.64	63.64
DISCCART	733646.38	4052556.50	63.60	63.60
DISCCART	733646.38	4052581.50	63.54	63.54
DISCCART	733646.38	4052606.50	63.44	63.44
DISCCART	733646.38	4052631.50	63.36	63.36
DISCCART	733646.38	4052656.50	63.31	63.31
DISCCART	733646.38	4052681.50	63.24	63.24
DISCCART	733646.38	4052706.50	63.20	63.20
DISCCART	733646.38	4052731.50	63.14	63.14
DISCCART	733646.38	4052756.50	63.05	63.05
DISCCART	733646.38	4052781.50	63.02	63.02
DISCCART	733646.38	4052806.50	62.94	62.94
DISCCART	733646.38	4052831.50	62.88	62.88
DISCCART	733646.38	4052856.50	62.84	62.84
DISCCART	733646.38	4052881.50	62.74	62.74
DISCCART	733646.38	4052906.50	62.71	62.71
DISCCART	733646.38	4052931.50	62.64	62.64
DISCCART	733646.38	4052956.50	62.59	62.59
DISCCART	733646.38	4052981.50	62.54	62.54
DISCCART	733646.38	4053006.50	62.45	62.45
DISCCART	733646.38	4053031.50	62.44	62.44
DISCCART	733646.38	4053056.50	62.35	62.35
DISCCART	733646.38	4053081.50	62.34	62.34
DISCCART	733646.38	4053106.50	62.25	62.25
DISCCART	733646.38	4053131.50	62.24	62.24
DISCCART	733646.38	4053156.50	62.15	62.15
DISCCART	733646.38	4053181.50	62.14	62.14
DISCCART	733646.38	4053206.50	62.10	62.10
DISCCART	733646.38	4053231.50	62.04	62.04
DISCCART	733646.38	4053256.50	62.04	62.04
DISCCART	733646.38	4053281.50	61.94	61.94
DISCCART	733646.38	4053306.50	61.94	61.94
DISCCART	733646.38	4053331.50	61.87	61.87
DISCCART	733646.38	4053356.50	61.84	61.84
DISCCART	733646.38	4053381.50	61.83	61.83
DISCCART	733646.38	4053406.50	61.74	61.74
DISCCART	733646.38	4053431.50	61.74	61.74
DISCCART	733646.38	4053456.50	61.71	61.71
DISCCART	733646.38	4053481.50	61.64	61.64
DISCCART	733646.38	4053506.50	61.64	61.64
DISCCART	733646.38	4053531.50	61.55	61.55
DISCCART	733646.38	4053556.50	61.54	61.54
DISCCART	733646.38	4053581.50	61.54	61.54
DISCCART	733646.38	4053606.50	61.46	61.46
DISCCART	733646.38	4053631.50	61.44	61.44
DISCCART	733646.38	4053656.50	61.44	61.44
DISCCART	733646.38	4053681.50	61.37	61.37
DISCCART	733646.38	4053706.50	61.34	61.34
DISCCART	733646.38	4053731.50	61.34	61.34
DISCCART	733646.38	4053756.50	61.24	61.24
DISCCART	733646.38	4053781.50	61.24	61.24
DISCCART	733646.38	4053806.50	61.24	61.24

DISCCART	733646.38	4053831.50	61.24	61.24
DISCCART	733646.38	4053856.50	61.15	61.15
DISCCART	733646.38	4053881.50	61.14	61.14
DISCCART	733646.38	4053906.50	61.09	61.09
DISCCART	733646.38	4053931.50	61.05	61.05
DISCCART	733646.38	4053956.50	61.07	61.07
DISCCART	733646.38	4053981.50	61.04	61.04
DISCCART	733646.38	4054006.50	61.04	61.04
DISCCART	733646.38	4054031.50	61.03	61.03
DISCCART	733646.38	4054056.50	60.85	60.85
DISCCART	733646.38	4054081.50	60.94	60.94
DISCCART	733646.38	4054106.50	60.94	60.94
DISCCART	733646.38	4054131.50	60.93	60.93
DISCCART	733646.38	4054156.50	60.85	60.85
DISCCART	733646.38	4054181.50	60.82	60.82
DISCCART	733646.38	4054206.50	60.76	60.76
DISCCART	733646.38	4054231.50	60.76	60.76
DISCCART	733646.38	4054256.50	60.74	60.74
DISCCART	733646.38	4054281.50	60.74	60.74
DISCCART	733646.38	4054306.50	60.74	60.74
DISCCART	733646.38	4054331.50	60.73	60.73
DISCCART	733646.38	4054356.50	60.65	60.65
DISCCART	733646.38	4054381.50	60.64	60.64
DISCCART	733646.38	4054406.50	60.64	60.64
DISCCART	733646.38	4054431.50	60.64	60.64
DISCCART	733646.38	4054456.50	60.64	60.64
DISCCART	733646.38	4054481.50	60.62	60.62
DISCCART	733646.38	4054506.50	60.56	60.56
DISCCART	733646.38	4054531.50	60.54	60.54
DISCCART	733646.38	4054556.50	60.54	60.54
DISCCART	733646.38	4054581.50	60.54	60.54
DISCCART	733646.38	4054606.50	60.54	60.54
DISCCART	733646.38	4054631.50	60.52	60.52
DISCCART	733646.38	4054656.50	60.44	60.44
DISCCART	733646.38	4054681.50	60.44	60.44
DISCCART	733646.38	4054706.50	60.44	60.44
DISCCART	733646.38	4054731.50	60.44	60.44
DISCCART	733646.38	4054756.50	60.44	60.44
DISCCART	733646.38	4054781.50	60.42	60.42
DISCCART	733646.38	4054806.50	60.40	60.40
DISCCART	733646.38	4054831.50	60.34	60.34
DISCCART	733646.38	4054856.50	60.34	60.34
DISCCART	733646.38	4054881.50	60.34	60.34
DISCCART	733646.38	4054906.50	60.34	60.34
DISCCART	733646.38	4054931.50	60.34	60.34
DISCCART	733646.38	4054956.50	60.33	60.33
DISCCART	733646.38	4054981.50	60.24	60.24
DISCCART	733646.38	4055006.50	60.24	60.24
DISCCART	733646.38	4055031.50	60.24	60.24
DISCCART	733646.38	4055056.50	60.24	60.24
DISCCART	733646.38	4055081.50	60.24	60.24
DISCCART	733646.38	4055106.50	60.24	60.24
DISCCART	733646.38	4055131.50	60.22	60.22
DISCCART	733646.38	4055156.50	60.20	60.20
DISCCART	733646.38	4055181.50	60.16	60.16
DISCCART	733646.38	4055206.50	60.14	60.14
DISCCART	733646.38	4055231.50	60.14	60.14
DISCCART	733646.38	4055256.50	60.14	60.14
DISCCART	733646.38	4055281.50	60.14	60.14
DISCCART	733646.38	4055306.50	60.14	60.14
DISCCART	733646.38	4055331.50	60.14	60.14
DISCCART	733671.38	4052331.50	64.26	64.26
DISCCART	733671.38	4052356.50	64.18	64.18
DISCCART	733671.38	4052381.50	64.09	64.09
DISCCART	733671.38	4052406.50	63.97	63.97
DISCCART	733671.38	4052431.50	63.93	63.93
DISCCART	733671.38	4052456.50	63.84	63.84
DISCCART	733671.38	4052481.50	63.75	63.75
DISCCART	733671.38	4052506.50	63.70	63.70
DISCCART	733671.38	4052531.50	63.64	63.64
DISCCART	733671.38	4052556.50	63.55	63.55
DISCCART	733671.38	4052581.50	63.46	63.46
DISCCART	733671.38	4052606.50	63.42	63.42
DISCCART	733671.38	4052631.50	63.34	63.34
DISCCART	733671.38	4052656.50	63.24	63.24
DISCCART	733671.38	4052681.50	63.23	63.23
DISCCART	733671.38	4052706.50	63.14	63.14
DISCCART	733671.38	4052731.50	63.09	63.09
DISCCART	733671.38	4052756.50	63.04	63.04
DISCCART	733671.38	4052781.50	62.96	62.96
DISCCART	733671.38	4052806.50	62.92	62.92
DISCCART	733671.38	4052831.50	62.84	62.84
DISCCART	733671.38	4052856.50	62.80	62.80
DISCCART	733671.38	4052881.50	62.74	62.74
DISCCART	733671.38	4052906.50	62.65	62.65
DISCCART	733671.38	4052931.50	62.64	62.64
DISCCART	733671.38	4052956.50	62.54	62.54
DISCCART	733671.38	4052981.50	62.46	62.46
DISCCART	733671.38	4053006.50	62.44	62.44
DISCCART	733671.38	4053031.50	62.36	62.36
DISCCART	733671.38	4053056.50	62.34	62.34
DISCCART	733671.38	4053081.50	62.26	62.26
DISCCART	733671.38	4053106.50	62.24	62.24
DISCCART	733671.38	4053131.50	62.19	62.19
DISCCART	733671.38	4053156.50	62.14	62.14
DISCCART	733671.38	4053181.50	62.10	62.10
DISCCART	733671.38	4053206.50	62.04	62.04
DISCCART	733671.38	4053231.50	62.04	62.04
DISCCART	733671.38	4053256.50	61.95	61.95
DISCCART	733671.38	4053281.50	61.94	61.94
DISCCART	733671.38	4053306.50	61.87	61.87
DISCCART	733671.38	4053331.50	61.84	61.84
DISCCART	733671.38	4053356.50	61.83	61.83
DISCCART	733671.38	4053381.50	61.74	61.74
DISCCART	733671.38	4053406.50	61.74	61.74
DISCCART	733671.38	4053431.50	61.70	61.70
DISCCART	733671.38	4053456.50	61.64	61.64
DISCCART	733671.38	4053481.50	61.64	61.64
DISCCART	733671.38	4053506.50	61.55	61.55
DISCCART	733671.38	4053531.50	61.54	61.54
DISCCART	733671.38	4053556.50	61.52	61.52
DISCCART	733671.38	4053581.50	61.44	61.44
DISCCART	733671.38	4053606.50	61.44	61.44
DISCCART	733671.38	4053631.50	61.44	61.44
DISCCART	733671.38	4053656.50	61.37	61.37
DISCCART	733671.38	4053681.50	61.34	61.34
DISCCART	733671.38	4053706.50	61.34	61.34
DISCCART	733671.38	4053731.50	61.25	61.25
DISCCART	733671.38	4053756.50	61.24	61.24
DISCCART	733671.38	4053781.50	61.24	61.24
DISCCART	733671.38	4053806.50	61.14	61.14
DISCCART	733671.38	4053831.50	61.14	61.14
DISCCART	733671.38	4053856.50	61.14	61.14
DISCCART	733671.38	4053881.50	61.13	61.13

DISCCART	733671.38	4053906.50	61.04	61.04
DISCCART	733671.38	4053931.50	60.98	60.98
DISCCART	733671.38	4053956.50	61.00	61.00
DISCCART	733671.38	4053981.50	61.04	61.04
DISCCART	733671.38	4054006.50	60.99	60.99
DISCCART	733671.38	4054031.50	60.94	60.94
DISCCART	733671.38	4054056.50	60.85	60.85
DISCCART	733671.38	4054081.50	60.94	60.94
DISCCART	733671.38	4054106.50	60.88	60.88
DISCCART	733671.38	4054131.50	60.84	60.84
DISCCART	733671.38	4054156.50	60.84	60.84
DISCCART	733671.38	4054181.50	60.74	60.74
DISCCART	733671.38	4054206.50	60.74	60.74
DISCCART	733671.38	4054231.50	60.74	60.74
DISCCART	733671.38	4054256.50	60.74	60.74
DISCCART	733671.38	4054281.50	60.74	60.74
DISCCART	733671.38	4054306.50	60.67	60.67
DISCCART	733671.38	4054331.50	60.64	60.64
DISCCART	733671.38	4054356.50	60.64	60.64
DISCCART	733671.38	4054381.50	60.64	60.64
DISCCART	733671.38	4054406.50	60.64	60.64
DISCCART	733671.38	4054431.50	60.60	60.60
DISCCART	733671.38	4054456.50	60.54	60.54
DISCCART	733671.38	4054481.50	60.54	60.54
DISCCART	733671.38	4054506.50	60.54	60.54
DISCCART	733671.38	4054531.50	60.54	60.54
DISCCART	733671.38	4054556.50	60.53	60.53
DISCCART	733671.38	4054581.50	60.48	60.48
DISCCART	733671.38	4054606.50	60.44	60.44
DISCCART	733671.38	4054631.50	60.44	60.44
DISCCART	733671.38	4054656.50	60.44	60.44
DISCCART	733671.38	4054681.50	60.44	60.44
DISCCART	733671.38	4054706.50	60.44	60.44
DISCCART	733671.38	4054731.50	60.40	60.40
DISCCART	733671.38	4054756.50	60.34	60.34
DISCCART	733671.38	4054781.50	60.34	60.34
DISCCART	733671.38	4054806.50	60.34	60.34
DISCCART	733671.38	4054831.50	60.34	60.34
DISCCART	733671.38	4054856.50	60.34	60.34
DISCCART	733671.38	4054881.50	60.34	60.34
DISCCART	733671.38	4054906.50	60.27	60.27
DISCCART	733671.38	4054931.50	60.24	60.24
DISCCART	733671.38	4054956.50	60.24	60.24
DISCCART	733671.38	4054981.50	60.24	60.24
DISCCART	733671.38	4055006.50	60.24	60.24
DISCCART	733671.38	4055031.50	60.24	60.24
DISCCART	733671.38	4055056.50	60.24	60.24
DISCCART	733671.38	4055081.50	60.19	60.19
DISCCART	733671.38	4055106.50	60.15	60.15
DISCCART	733671.38	4055131.50	60.14	60.14
DISCCART	733671.38	4055156.50	60.14	60.14
DISCCART	733671.38	4055181.50	60.14	60.14
DISCCART	733671.38	4055206.50	60.14	60.14
DISCCART	733671.38	4055231.50	60.14	60.14
DISCCART	733671.38	4055256.50	60.14	60.14
DISCCART	733671.38	4055281.50	60.14	60.14
DISCCART	733671.38	4055306.50	60.13	60.13
DISCCART	733671.38	4055331.50	60.12	60.12
DISCCART	733696.38	4052331.50	64.19	64.19
DISCCART	733696.38	4052356.50	64.14	64.14
DISCCART	733696.38	4052381.50	64.05	64.05
DISCCART	733696.38	4052406.50	63.95	63.95
DISCCART	733696.38	4052431.50	63.88	63.88
DISCCART	733696.38	4052456.50	63.80	63.80
DISCCART	733696.38	4052481.50	63.74	63.74
DISCCART	733696.38	4052506.50	63.65	63.65
DISCCART	733696.38	4052531.50	63.56	63.56
DISCCART	733696.38	4052556.50	63.51	63.51
DISCCART	733696.38	4052581.50	63.44	63.44
DISCCART	733696.38	4052606.50	63.34	63.34
DISCCART	733696.38	4052631.50	63.28	63.28
DISCCART	733696.38	4052656.50	63.24	63.24
DISCCART	733696.38	4052681.50	63.15	63.15
DISCCART	733696.38	4052706.50	63.12	63.12
DISCCART	733696.38	4052731.50	63.04	63.04
DISCCART	733696.38	4052756.50	62.96	62.96
DISCCART	733696.38	4052781.50	62.94	62.94
DISCCART	733696.38	4052806.50	62.85	62.85
DISCCART	733696.38	4052831.50	62.83	62.83
DISCCART	733696.38	4052856.50	62.74	62.74
DISCCART	733696.38	4052881.50	62.73	62.73
DISCCART	733696.38	4052906.50	62.64	62.64
DISCCART	733696.38	4052931.50	62.54	62.54
DISCCART	733696.38	4052956.50	62.52	62.52
DISCCART	733696.38	4052981.50	62.44	62.44
DISCCART	733696.38	4053006.50	62.41	62.41
DISCCART	733696.38	4053031.50	62.34	62.34
DISCCART	733696.38	4053056.50	62.31	62.31
DISCCART	733696.38	4053081.50	62.24	62.24
DISCCART	733696.38	4053106.50	62.20	62.20
DISCCART	733696.38	4053131.50	62.14	62.14
DISCCART	733696.38	4053156.50	62.10	62.10
DISCCART	733696.38	4053181.50	62.04	62.04
DISCCART	733696.38	4053206.50	62.04	62.04
DISCCART	733696.38	4053231.50	61.94	61.94
DISCCART	733696.38	4053256.50	61.94	61.94
DISCCART	733696.38	4053281.50	61.86	61.86
DISCCART	733696.38	4053306.50	61.84	61.84
DISCCART	733696.38	4053331.50	61.82	61.82
DISCCART	733696.38	4053356.50	61.74	61.74
DISCCART	733696.38	4053381.50	61.74	61.74
DISCCART	733696.38	4053406.50	61.71	61.71
DISCCART	733696.38	4053431.50	61.64	61.64
DISCCART	733696.38	4053456.50	61.64	61.64
DISCCART	733696.38	4053481.50	61.58	61.58
DISCCART	733696.38	4053506.50	61.54	61.54
DISCCART	733696.38	4053531.50	61.54	61.54
DISCCART	733696.38	4053556.50	61.45	61.45
DISCCART	733696.38	4053581.50	61.44	61.44
DISCCART	733696.38	4053606.50	61.40	61.40
DISCCART	733696.38	4053631.50	61.36	61.36
DISCCART	733696.38	4053656.50	61.34	61.34
DISCCART	733696.38	4053681.50	61.34	61.34
DISCCART	733696.38	4053706.50	61.31	61.31
DISCCART	733696.38	4053731.50	61.24	61.24
DISCCART	733696.38	4053756.50	61.24	61.24
DISCCART	733696.38	4053781.50	61.18	61.18
DISCCART	733696.38	4053806.50	61.14	61.14
DISCCART	733696.38	4053831.50	61.09	61.09
DISCCART	733696.38	4053856.50	61.08	61.08
DISCCART	733696.38	4053881.50	61.07	61.07
DISCCART	733696.38	4053906.50	61.03	61.03
DISCCART	733696.38	4053931.50	60.94	60.94
DISCCART	733696.38	4053956.50	60.90	60.90

DISCCART	733696.38	4053981.50	60.95	60.95
DISCCART	733696.38	4054006.50	60.94	60.94
DISCCART	733696.38	4054031.50	60.94	60.94
DISCCART	733696.38	4054056.50	60.75	60.75
DISCCART	733696.38	4054081.50	60.84	60.84
DISCCART	733696.38	4054106.50	60.84	60.84
DISCCART	733696.38	4054131.50	60.84	60.84
DISCCART	733696.38	4054156.50	60.80	60.80
DISCCART	733696.38	4054181.50	60.74	60.74
DISCCART	733696.38	4054206.50	60.74	60.74
DISCCART	733696.38	4054231.50	60.74	60.74
DISCCART	733696.38	4054256.50	60.74	60.74
DISCCART	733696.38	4054281.50	60.65	60.65
DISCCART	733696.38	4054306.50	60.64	60.64
DISCCART	733696.38	4054331.50	60.64	60.64
DISCCART	733696.38	4054356.50	60.64	60.64
DISCCART	733696.38	4054381.50	60.63	60.63
DISCCART	733696.38	4054406.50	60.55	60.55
DISCCART	733696.38	4054431.50	60.54	60.54
DISCCART	733696.38	4054456.50	60.54	60.54
DISCCART	733696.38	4054481.50	60.54	60.54
DISCCART	733696.38	4054506.50	60.51	60.51
DISCCART	733696.38	4054531.50	60.46	60.46
DISCCART	733696.38	4054556.50	60.44	60.44
DISCCART	733696.38	4054581.50	60.44	60.44
DISCCART	733696.38	4054606.50	60.44	60.44
DISCCART	733696.38	4054631.50	60.44	60.44
DISCCART	733696.38	4054656.50	60.43	60.43
DISCCART	733696.38	4054681.50	60.35	60.35
DISCCART	733696.38	4054706.50	60.34	60.34
DISCCART	733696.38	4054731.50	60.34	60.34
DISCCART	733696.38	4054756.50	60.34	60.34
DISCCART	733696.38	4054781.50	60.34	60.34
DISCCART	733696.38	4054806.50	60.34	60.34
DISCCART	733696.38	4054831.50	60.32	60.32
DISCCART	733696.38	4054856.50	60.26	60.26
DISCCART	733696.38	4054881.50	60.24	60.24
DISCCART	733696.38	4054906.50	60.24	60.24
DISCCART	733696.38	4054931.50	60.24	60.24
DISCCART	733696.38	4054956.50	60.24	60.24
DISCCART	733696.38	4054981.50	60.23	60.23
DISCCART	733696.38	4055006.50	60.16	60.16
DISCCART	733696.38	4055031.50	60.15	60.15
DISCCART	733696.38	4055056.50	60.14	60.14
DISCCART	733696.38	4055081.50	60.14	60.14
DISCCART	733696.38	4055106.50	60.14	60.14
DISCCART	733696.38	4055131.50	60.14	60.14
DISCCART	733696.38	4055156.50	60.14	60.14
DISCCART	733696.38	4055181.50	60.12	60.12
DISCCART	733696.38	4055206.50	60.11	60.11
DISCCART	733696.38	4055231.50	60.05	60.05
DISCCART	733696.38	4055256.50	60.04	60.04
DISCCART	733696.38	4055281.50	60.04	60.04
DISCCART	733696.38	4055306.50	60.04	60.04
DISCCART	733696.38	4055331.50	60.04	60.04
DISCCART	733721.38	4052331.50	64.18	64.18
DISCCART	733721.38	4052356.50	64.05	64.05
DISCCART	733721.38	4052381.50	63.98	63.98
DISCCART	733721.38	4052406.50	63.92	63.92
DISCCART	733721.38	4052431.50	63.84	63.84
DISCCART	733721.38	4052456.50	63.76	63.76
DISCCART	733721.38	4052481.50	63.66	63.66
DISCCART	733721.38	4052506.50	63.62	63.62
DISCCART	733721.38	4052531.50	63.54	63.54
DISCCART	733721.38	4052556.50	63.44	63.44
DISCCART	733721.38	4052581.50	63.40	63.40
DISCCART	733721.38	4052606.50	63.34	63.34
DISCCART	733721.38	4052631.50	63.24	63.24
DISCCART	733721.38	4052656.50	63.22	63.22
DISCCART	733721.38	4052681.50	63.14	63.14
DISCCART	733721.38	4052706.50	63.05	63.05
DISCCART	733721.38	4052731.50	63.03	63.03
DISCCART	733721.38	4052756.50	62.94	62.94
DISCCART	733721.38	4052781.50	62.88	62.88
DISCCART	733721.38	4052806.50	62.84	62.84
DISCCART	733721.38	4052831.50	62.75	62.75
DISCCART	733721.38	4052856.50	62.72	62.72
DISCCART	733721.38	4052881.50	62.64	62.64
DISCCART	733721.38	4052906.50	62.58	62.58
DISCCART	733721.38	4052931.50	62.54	62.54
DISCCART	733721.38	4052956.50	62.44	62.44
DISCCART	733721.38	4052981.50	62.44	62.44
DISCCART	733721.38	4053006.50	62.34	62.34
DISCCART	733721.38	4053031.50	62.33	62.33
DISCCART	733721.38	4053056.50	62.24	62.24
DISCCART	733721.38	4053081.50	62.20	62.20
DISCCART	733721.38	4053106.50	62.14	62.14
DISCCART	733721.38	4053131.50	62.10	62.10
DISCCART	733721.38	4053156.50	62.04	62.04
DISCCART	733721.38	4053181.50	62.04	62.04
DISCCART	733721.38	4053206.50	61.95	61.95
DISCCART	733721.38	4053231.50	61.94	61.94
DISCCART	733721.38	4053256.50	61.84	61.84
DISCCART	733721.38	4053281.50	61.84	61.84
DISCCART	733721.38	4053306.50	61.78	61.78
DISCCART	733721.38	4053331.50	61.74	61.74
DISCCART	733721.38	4053356.50	61.74	61.74
DISCCART	733721.38	4053381.50	61.70	61.70
DISCCART	733721.38	4053406.50	61.64	61.64
DISCCART	733721.38	4053431.50	61.64	61.64
DISCCART	733721.38	4053456.50	61.57	61.57
DISCCART	733721.38	4053481.50	61.54	61.54
DISCCART	733721.38	4053506.50	61.54	61.54
DISCCART	733721.38	4053531.50	61.45	61.45
DISCCART	733721.38	4053556.50	61.44	61.44
DISCCART	733721.38	4053581.50	61.44	61.44
DISCCART	733721.38	4053606.50	61.34	61.34
DISCCART	733721.38	4053631.50	61.34	61.34
DISCCART	733721.38	4053656.50	61.27	61.27
DISCCART	733721.38	4053681.50	61.25	61.25
DISCCART	733721.38	4053706.50	61.24	61.24
DISCCART	733721.38	4053731.50	61.24	61.24
DISCCART	733721.38	4053756.50	61.17	61.17
DISCCART	733721.38	4053781.50	61.14	61.14
DISCCART	733721.38	4053806.50	61.13	61.13
DISCCART	733721.38	4053831.50	61.04	61.04
DISCCART	733721.38	4053856.50	61.02	61.02
DISCCART	733721.38	4053881.50	60.97	60.97
DISCCART	733721.38	4053906.50	60.98	60.98
DISCCART	733721.38	4053931.50	60.94	60.94
DISCCART	733721.38	4053956.50	60.84	60.84
DISCCART	733721.38	4053981.50	60.93	60.93
DISCCART	733721.38	4054006.50	60.94	60.94
DISCCART	733721.38	4054031.50	60.85	60.85

DISCCART	733721.38	4054056.50	60.74	60.74
DISCCART	733721.38	4054081.50	60.84	60.84
DISCCART	733721.38	4054106.50	60.84	60.84
DISCCART	733721.38	4054131.50	60.78	60.78
DISCCART	733721.38	4054156.50	60.69	60.69
DISCCART	733721.38	4054181.50	60.74	60.74
DISCCART	733721.38	4054206.50	60.72	60.72
DISCCART	733721.38	4054231.50	60.68	60.68
DISCCART	733721.38	4054256.50	60.64	60.64
DISCCART	733721.38	4054281.50	60.64	60.64
DISCCART	733721.38	4054306.50	60.64	60.64
DISCCART	733721.38	4054331.50	60.64	60.64
DISCCART	733721.38	4054356.50	60.57	60.57
DISCCART	733721.38	4054381.50	60.54	60.54
DISCCART	733721.38	4054406.50	60.54	60.54
DISCCART	733721.38	4054431.50	60.54	60.54
DISCCART	733721.38	4054456.50	60.53	60.53
DISCCART	733721.38	4054481.50	60.46	60.46
DISCCART	733721.38	4054506.50	60.44	60.44
DISCCART	733721.38	4054531.50	60.44	60.44
DISCCART	733721.38	4054556.50	60.44	60.44
DISCCART	733721.38	4054581.50	60.44	60.44
DISCCART	733721.38	4054606.50	60.38	60.38
DISCCART	733721.38	4054631.50	60.34	60.34
DISCCART	733721.38	4054656.50	60.34	60.34
DISCCART	733721.38	4054681.50	60.34	60.34
DISCCART	733721.38	4054706.50	60.34	60.34
DISCCART	733721.38	4054731.50	60.34	60.34
DISCCART	733721.38	4054756.50	60.32	60.32
DISCCART	733721.38	4054781.50	60.28	60.28
DISCCART	733721.38	4054806.50	60.24	60.24
DISCCART	733721.38	4054831.50	60.24	60.24
DISCCART	733721.38	4054856.50	60.24	60.24
DISCCART	733721.38	4054881.50	60.24	60.24
DISCCART	733721.38	4054906.50	60.24	60.24
DISCCART	733721.38	4054931.50	60.18	60.18
DISCCART	733721.38	4054956.50	60.15	60.15
DISCCART	733721.38	4054981.50	60.14	60.14
DISCCART	733721.38	4055006.50	60.14	60.14
DISCCART	733721.38	4055031.50	60.14	60.14
DISCCART	733721.38	4055056.50	60.14	60.14
DISCCART	733721.38	4055081.50	60.14	60.14
DISCCART	733721.38	4055106.50	60.09	60.09
DISCCART	733721.38	4055131.50	60.05	60.05
DISCCART	733721.38	4055156.50	60.04	60.04
DISCCART	733721.38	4055181.50	60.04	60.04
DISCCART	733721.38	4055206.50	60.04	60.04
DISCCART	733721.38	4055231.50	60.04	60.04
DISCCART	733721.38	4055256.50	60.04	60.04
DISCCART	733721.38	4055281.50	60.04	60.04
DISCCART	733721.38	4055306.50	60.04	60.04
DISCCART	733721.38	4055331.50	60.04	60.04
DISCCART	733746.38	4052331.50	64.12	64.12
DISCCART	733746.38	4052356.50	64.04	64.04
DISCCART	733746.38	4052381.50	63.94	63.94
DISCCART	733746.38	4052406.50	63.86	63.86
DISCCART	733746.38	4052431.50	63.78	63.78
DISCCART	733746.38	4052456.50	63.74	63.74
DISCCART	733746.38	4052481.50	63.64	63.64
DISCCART	733746.38	4052506.50	63.55	63.55
DISCCART	733746.38	4052531.50	63.47	63.47
DISCCART	733746.38	4052556.50	63.44	63.44
DISCCART	733746.38	4052581.50	63.34	63.34
DISCCART	733746.38	4052606.50	63.25	63.25
DISCCART	733746.38	4052631.50	63.24	63.24
DISCCART	733746.38	4052656.50	63.14	63.14
DISCCART	733746.38	4052681.50	63.09	63.09
DISCCART	733746.38	4052706.50	63.04	63.04
DISCCART	733746.38	4052731.50	62.95	62.95
DISCCART	733746.38	4052756.50	62.94	62.94
DISCCART	733746.38	4052781.50	62.84	62.84
DISCCART	733746.38	4052806.50	62.80	62.80
DISCCART	733746.38	4052831.50	62.74	62.74
DISCCART	733746.38	4052856.50	62.65	62.65
DISCCART	733746.38	4052881.50	62.63	62.63
DISCCART	733746.38	4052906.50	62.54	62.54
DISCCART	733746.38	4052931.50	62.47	62.47
DISCCART	733746.38	4052956.50	62.44	62.44
DISCCART	733746.38	4052981.50	62.35	62.35
DISCCART	733746.38	4053006.50	62.34	62.34
DISCCART	733746.38	4053031.50	62.25	62.25
DISCCART	733746.38	4053056.50	62.24	62.24
DISCCART	733746.38	4053081.50	62.14	62.14
DISCCART	733746.38	4053106.50	62.14	62.14
DISCCART	733746.38	4053131.50	62.04	62.04
DISCCART	733746.38	4053156.50	62.04	62.04
DISCCART	733746.38	4053181.50	61.94	61.94
DISCCART	733746.38	4053206.50	61.94	61.94
DISCCART	733746.38	4053231.50	61.84	61.84
DISCCART	733746.38	4053256.50	61.84	61.84
DISCCART	733746.38	4053281.50	61.77	61.77
DISCCART	733746.38	4053306.50	61.74	61.74
DISCCART	733746.38	4053331.50	61.74	61.74
DISCCART	733746.38	4053356.50	61.71	61.71
DISCCART	733746.38	4053381.50	61.64	61.64
DISCCART	733746.38	4053406.50	61.64	61.64
DISCCART	733746.38	4053431.50	61.58	61.58
DISCCART	733746.38	4053456.50	61.54	61.54
DISCCART	733746.38	4053481.50	61.54	61.54
DISCCART	733746.38	4053506.50	61.46	61.46
DISCCART	733746.38	4053531.50	61.44	61.44
DISCCART	733746.38	4053556.50	61.43	61.43
DISCCART	733746.38	4053581.50	61.34	61.34
DISCCART	733746.38	4053606.50	61.34	61.34
DISCCART	733746.38	4053631.50	61.33	61.33
DISCCART	733746.38	4053656.50	61.24	61.24
DISCCART	733746.38	4053681.50	61.24	61.24
DISCCART	733746.38	4053706.50	61.21	61.21
DISCCART	733746.38	4053731.50	61.14	61.14
DISCCART	733746.38	4053756.50	61.14	61.14
DISCCART	733746.38	4053781.50	61.14	61.14
DISCCART	733746.38	4053806.50	61.06	61.06
DISCCART	733746.38	4053831.50	61.04	61.04
DISCCART	733746.38	4053856.50	60.95	60.95
DISCCART	733746.38	4053881.50	60.94	60.94
DISCCART	733746.38	4053906.50	60.88	60.88
DISCCART	733746.38	4053931.50	60.93	60.93
DISCCART	733746.38	4053956.50	60.84	60.84
DISCCART	733746.38	4053981.50	60.74	60.74
DISCCART	733746.38	4054006.50	60.84	60.84
DISCCART	733746.38	4054031.50	60.84	60.84
DISCCART	733746.38	4054056.50	60.74	60.74
DISCCART	733746.38	4054081.50	60.82	60.82
DISCCART	733746.38	4054106.50	60.74	60.74

DISCCART	733746.38	4054131.50	60.69	60.69
DISCCART	733746.38	4054156.50	60.64	60.64
DISCCART	733746.38	4054181.50	60.64	60.64
DISCCART	733746.38	4054206.50	60.64	60.64
DISCCART	733746.38	4054231.50	60.64	60.64
DISCCART	733746.38	4054256.50	60.64	60.64
DISCCART	733746.38	4054281.50	60.63	60.63
DISCCART	733746.38	4054306.50	60.56	60.56
DISCCART	733746.38	4054331.50	60.54	60.54
DISCCART	733746.38	4054356.50	60.54	60.54
DISCCART	733746.38	4054381.50	60.54	60.54
DISCCART	733746.38	4054406.50	60.52	60.52
DISCCART	733746.38	4054431.50	60.45	60.45
DISCCART	733746.38	4054456.50	60.44	60.44
DISCCART	733746.38	4054481.50	60.44	60.44
DISCCART	733746.38	4054506.50	60.44	60.44
DISCCART	733746.38	4054531.50	60.43	60.43
DISCCART	733746.38	4054556.50	60.36	60.36
DISCCART	733746.38	4054581.50	60.34	60.34
DISCCART	733746.38	4054606.50	60.34	60.34
DISCCART	733746.38	4054631.50	60.34	60.34
DISCCART	733746.38	4054656.50	60.34	60.34
DISCCART	733746.38	4054681.50	60.33	60.33
DISCCART	733746.38	4054706.50	60.26	60.26
DISCCART	733746.38	4054731.50	60.24	60.24
DISCCART	733746.38	4054756.50	60.24	60.24
DISCCART	733746.38	4054781.50	60.24	60.24
DISCCART	733746.38	4054806.50	60.24	60.24
DISCCART	733746.38	4054831.50	60.24	60.24
DISCCART	733746.38	4054856.50	60.22	60.22
DISCCART	733746.38	4054881.50	60.15	60.15
DISCCART	733746.38	4054906.50	60.14	60.14
DISCCART	733746.38	4054931.50	60.14	60.14
DISCCART	733746.38	4054956.50	60.14	60.14
DISCCART	733746.38	4054981.50	60.14	60.14
DISCCART	733746.38	4055006.50	60.14	60.14
DISCCART	733746.38	4055031.50	60.12	60.12
DISCCART	733746.38	4055056.50	60.06	60.06
DISCCART	733746.38	4055081.50	60.04	60.04
DISCCART	733746.38	4055106.50	60.04	60.04
DISCCART	733746.38	4055131.50	60.04	60.04
DISCCART	733746.38	4055156.50	60.04	60.04
DISCCART	733746.38	4055181.50	60.04	60.04
DISCCART	733746.38	4055206.50	60.04	60.04
DISCCART	733746.38	4055231.50	60.03	60.03
DISCCART	733746.38	4055256.50	59.97	59.97
DISCCART	733746.38	4055281.50	59.98	59.98
DISCCART	733746.38	4055306.50	59.95	59.95
DISCCART	733746.38	4055331.50	59.95	59.95
DISCCART	733771.38	4052331.50	64.04	64.04
DISCCART	733771.38	4052356.50	63.98	63.98
DISCCART	733771.38	4052381.50	63.93	63.93
DISCCART	733771.38	4052406.50	63.82	63.82
DISCCART	733771.38	4052431.50	63.74	63.74
DISCCART	733771.38	4052456.50	63.67	63.67
DISCCART	733771.38	4052481.50	63.60	63.60
DISCCART	733771.38	4052506.50	63.54	63.54
DISCCART	733771.38	4052531.50	63.44	63.44
DISCCART	733771.38	4052556.50	63.38	63.38
DISCCART	733771.38	4052581.50	63.34	63.34
DISCCART	733771.38	4052606.50	63.24	63.24
DISCCART	733771.38	4052631.50	63.16	63.16
DISCCART	733771.38	4052656.50	63.13	63.13
DISCCART	733771.38	4052681.50	63.04	63.04
DISCCART	733771.38	4052706.50	62.97	62.97
DISCCART	733771.38	4052731.50	62.94	62.94
DISCCART	733771.38	4052756.50	62.85	62.85
DISCCART	733771.38	4052781.50	62.84	62.84
DISCCART	733771.38	4052806.50	62.74	62.74
DISCCART	733771.38	4052831.50	62.66	62.66
DISCCART	733771.38	4052856.50	62.64	62.64
DISCCART	733771.38	4052881.50	62.54	62.54
DISCCART	733771.38	4052906.50	62.48	62.48
DISCCART	733771.38	4052931.50	62.44	62.44
DISCCART	733771.38	4052956.50	62.38	62.38
DISCCART	733771.38	4052981.50	62.34	62.34
DISCCART	733771.38	4053006.50	62.27	62.27
DISCCART	733771.38	4053031.50	62.24	62.24
DISCCART	733771.38	4053056.50	62.17	62.17
DISCCART	733771.38	4053081.50	62.14	62.14
DISCCART	733771.38	4053106.50	62.05	62.05
DISCCART	733771.38	4053131.50	62.04	62.04
DISCCART	733771.38	4053156.50	61.95	61.95
DISCCART	733771.38	4053181.50	61.94	61.94
DISCCART	733771.38	4053206.50	61.84	61.84
DISCCART	733771.38	4053231.50	61.84	61.84
DISCCART	733771.38	4053256.50	61.78	61.78
DISCCART	733771.38	4053281.50	61.74	61.74
DISCCART	733771.38	4053306.50	61.74	61.74
DISCCART	733771.38	4053331.50	61.66	61.66
DISCCART	733771.38	4053356.50	61.64	61.64
DISCCART	733771.38	4053381.50	61.64	61.64
DISCCART	733771.38	4053406.50	61.57	61.57
DISCCART	733771.38	4053431.50	61.54	61.54
DISCCART	733771.38	4053456.50	61.54	61.54
DISCCART	733771.38	4053481.50	61.45	61.45
DISCCART	733771.38	4053506.50	61.44	61.44
DISCCART	733771.38	4053531.50	61.44	61.44
DISCCART	733771.38	4053556.50	61.35	61.35
DISCCART	733771.38	4053581.50	61.34	61.34
DISCCART	733771.38	4053606.50	61.33	61.33
DISCCART	733771.38	4053631.50	61.24	61.24
DISCCART	733771.38	4053656.50	61.24	61.24
DISCCART	733771.38	4053681.50	61.20	61.20
DISCCART	733771.38	4053706.50	61.14	61.14
DISCCART	733771.38	4053731.50	61.14	61.14
DISCCART	733771.38	4053756.50	61.05	61.05
DISCCART	733771.38	4053781.50	61.04	61.04
DISCCART	733771.38	4053806.50	61.01	61.01
DISCCART	733771.38	4053831.50	61.00	61.00
DISCCART	733771.38	4053856.50	60.94	60.94
DISCCART	733771.38	4053881.50	60.87	60.87
DISCCART	733771.38	4053906.50	60.84	60.84
DISCCART	733771.38	4053931.50	60.78	60.78
DISCCART	733771.38	4053956.50	60.81	60.81
DISCCART	733771.38	4053981.50	60.74	60.74
DISCCART	733771.38	4054006.50	60.75	60.75
DISCCART	733771.38	4054031.50	60.84	60.84
DISCCART	733771.38	4054056.50	60.74	60.74
DISCCART	733771.38	4054081.50	60.74	60.74
DISCCART	733771.38	4054106.50	60.74	60.74
DISCCART	733771.38	4054131.50	60.64	60.64
DISCCART	733771.38	4054156.50	60.64	60.64
DISCCART	733771.38	4054181.50	60.64	60.64

DISCCART	733771.38	4054206.50	60.64	60.64
DISCCART	733771.38	4054231.50	60.64	60.64
DISCCART	733771.38	4054256.50	60.57	60.57
DISCCART	733771.38	4054281.50	60.54	60.54
DISCCART	733771.38	4054306.50	60.54	60.54
DISCCART	733771.38	4054331.50	60.54	60.54
DISCCART	733771.38	4054356.50	60.54	60.54
DISCCART	733771.38	4054381.50	60.49	60.49
DISCCART	733771.38	4054406.50	60.44	60.44
DISCCART	733771.38	4054431.50	60.44	60.44
DISCCART	733771.38	4054456.50	60.44	60.44
DISCCART	733771.38	4054481.50	60.43	60.43
DISCCART	733771.38	4054506.50	60.37	60.37
DISCCART	733771.38	4054531.50	60.34	60.34
DISCCART	733771.38	4054556.50	60.34	60.34
DISCCART	733771.38	4054581.50	60.34	60.34
DISCCART	733771.38	4054606.50	60.34	60.34
DISCCART	733771.38	4054631.50	60.29	60.29
DISCCART	733771.38	4054656.50	60.24	60.24
DISCCART	733771.38	4054681.50	60.24	60.24
DISCCART	733771.38	4054706.50	60.24	60.24
DISCCART	733771.38	4054731.50	60.24	60.24
DISCCART	733771.38	4054756.50	60.24	60.24
DISCCART	733771.38	4054781.50	60.24	60.24
DISCCART	733771.38	4054806.50	60.19	60.19
DISCCART	733771.38	4054831.50	60.14	60.14
DISCCART	733771.38	4054856.50	60.14	60.14
DISCCART	733771.38	4054881.50	60.14	60.14
DISCCART	733771.38	4054906.50	60.14	60.14
DISCCART	733771.38	4054931.50	60.14	60.14
DISCCART	733771.38	4054956.50	60.09	60.09
DISCCART	733771.38	4054981.50	60.05	60.05
DISCCART	733771.38	4055006.50	60.04	60.04
DISCCART	733771.38	4055031.50	60.04	60.04
DISCCART	733771.38	4055056.50	60.04	60.04
DISCCART	733771.38	4055081.50	60.04	60.04
DISCCART	733771.38	4055106.50	60.04	60.04
DISCCART	733771.38	4055131.50	60.00	60.00
DISCCART	733771.38	4055156.50	59.98	59.98
DISCCART	733771.38	4055181.50	59.95	59.95
DISCCART	733771.38	4055206.50	59.94	59.94
DISCCART	733771.38	4055231.50	59.94	59.94
DISCCART	733771.38	4055256.50	59.94	59.94
DISCCART	733771.38	4055281.50	59.94	59.94
DISCCART	733771.38	4055306.50	59.94	59.94
DISCCART	733771.38	4055331.50	59.94	59.94
DISCCART	733796.38	4052331.50	64.02	64.02
DISCCART	733796.38	4052356.50	63.94	63.94
DISCCART	733796.38	4052381.50	63.85	63.85
DISCCART	733796.38	4052406.50	63.79	63.79
DISCCART	733796.38	4052431.50	63.73	63.73
DISCCART	733796.38	4052456.50	63.64	63.64
DISCCART	733796.38	4052481.50	63.54	63.54
DISCCART	733796.38	4052506.50	63.51	63.51
DISCCART	733796.38	4052531.50	63.43	63.43
DISCCART	733796.38	4052556.50	63.34	63.34
DISCCART	733796.38	4052581.50	63.25	63.25
DISCCART	733796.38	4052606.50	63.22	63.22
DISCCART	733796.38	4052631.50	63.14	63.14
DISCCART	733796.38	4052656.50	63.06	63.06
DISCCART	733796.38	4052681.50	63.02	63.02
DISCCART	733796.38	4052706.50	62.94	62.94
DISCCART	733796.38	4052731.50	62.87	62.87
DISCCART	733796.38	4052756.50	62.84	62.84
DISCCART	733796.38	4052781.50	62.74	62.74
DISCCART	733796.38	4052806.50	62.70	62.70
DISCCART	733796.38	4052831.50	62.64	62.64
DISCCART	733796.38	4052856.50	62.55	62.55
DISCCART	733796.38	4052881.50	62.53	62.53
DISCCART	733796.38	4052906.50	62.44	62.44
DISCCART	733796.38	4052931.50	62.38	62.38
DISCCART	733796.38	4052956.50	62.34	62.34
DISCCART	733796.38	4052981.50	62.28	62.28
DISCCART	733796.38	4053006.50	62.24	62.24
DISCCART	733796.38	4053031.50	62.18	62.18
DISCCART	733796.38	4053056.50	62.14	62.14
DISCCART	733796.38	4053081.50	62.07	62.07
DISCCART	733796.38	4053106.50	62.04	62.04
DISCCART	733796.38	4053131.50	61.97	61.97
DISCCART	733796.38	4053156.50	61.94	61.94
DISCCART	733796.38	4053181.50	61.87	61.87
DISCCART	733796.38	4053206.50	61.84	61.84
DISCCART	733796.38	4053231.50	61.77	61.77
DISCCART	733796.38	4053256.50	61.74	61.74
DISCCART	733796.38	4053281.50	61.74	61.74
DISCCART	733796.38	4053306.50	61.65	61.65
DISCCART	733796.38	4053331.50	61.64	61.64
DISCCART	733796.38	4053356.50	61.64	61.64
DISCCART	733796.38	4053381.50	61.58	61.58
DISCCART	733796.38	4053406.50	61.54	61.54
DISCCART	733796.38	4053431.50	61.54	61.54
DISCCART	733796.38	4053456.50	61.46	61.46
DISCCART	733796.38	4053481.50	61.44	61.44
DISCCART	733796.38	4053506.50	61.44	61.44
DISCCART	733796.38	4053531.50	61.34	61.34
DISCCART	733796.38	4053556.50	61.34	61.34
DISCCART	733796.38	4053581.50	61.32	61.32
DISCCART	733796.38	4053606.50	61.24	61.24
DISCCART	733796.38	4053631.50	61.24	61.24
DISCCART	733796.38	4053656.50	61.23	61.23
DISCCART	733796.38	4053681.50	61.14	61.14
DISCCART	733796.38	4053706.50	61.14	61.14
DISCCART	733796.38	4053731.50	61.08	61.08
DISCCART	733796.38	4053756.50	61.04	61.04
DISCCART	733796.38	4053781.50	61.02	61.02
DISCCART	733796.38	4053806.50	60.94	60.94
DISCCART	733796.38	4053831.50	60.92	60.92
DISCCART	733796.38	4053856.50	60.91	60.91
DISCCART	733796.38	4053881.50	60.85	60.85
DISCCART	733796.38	4053906.50	60.81	60.81
DISCCART	733796.38	4053931.50	60.74	60.74
DISCCART	733796.38	4053956.50	60.73	60.73
DISCCART	733796.38	4053981.50	60.68	60.68
DISCCART	733796.38	4054006.50	60.65	60.65
DISCCART	733796.38	4054031.50	60.73	60.73
DISCCART	733796.38	4054056.50	60.65	60.65
DISCCART	733796.38	4054081.50	60.74	60.74
DISCCART	733796.38	4054106.50	60.66	60.66
DISCCART	733796.38	4054131.50	60.56	60.56
DISCCART	733796.38	4054156.50	60.64	60.64
DISCCART	733796.38	4054181.50	60.55	60.55
DISCCART	733796.38	4054206.50	60.54	60.54
DISCCART	733796.38	4054231.50	60.54	60.54
DISCCART	733796.38	4054256.50	60.54	60.54

DISCCART	733796.38	4054281.50	60.54	60.54
DISCCART	733796.38	4054306.50	60.54	60.54
DISCCART	733796.38	4054331.50	60.47	60.47
DISCCART	733796.38	4054356.50	60.44	60.44
DISCCART	733796.38	4054381.50	60.44	60.44
DISCCART	733796.38	4054406.50	60.44	60.44
DISCCART	733796.38	4054431.50	60.43	60.43
DISCCART	733796.38	4054456.50	60.36	60.36
DISCCART	733796.38	4054481.50	60.34	60.34
DISCCART	733796.38	4054506.50	60.34	60.34
DISCCART	733796.38	4054531.50	60.34	60.34
DISCCART	733796.38	4054556.50	60.33	60.33
DISCCART	733796.38	4054581.50	60.25	60.25
DISCCART	733796.38	4054606.50	60.24	60.24
DISCCART	733796.38	4054631.50	60.24	60.24
DISCCART	733796.38	4054656.50	60.24	60.24
DISCCART	733796.38	4054681.50	60.24	60.24
DISCCART	733796.38	4054706.50	60.24	60.24
DISCCART	733796.38	4054731.50	60.22	60.22
DISCCART	733796.38	4054756.50	60.16	60.16
DISCCART	733796.38	4054781.50	60.14	60.14
DISCCART	733796.38	4054806.50	60.14	60.14
DISCCART	733796.38	4054831.50	60.14	60.14
DISCCART	733796.38	4054856.50	60.14	60.14
DISCCART	733796.38	4054881.50	60.13	60.13
DISCCART	733796.38	4054906.50	60.06	60.06
DISCCART	733796.38	4054931.50	60.04	60.04
DISCCART	733796.38	4054956.50	60.04	60.04
DISCCART	733796.38	4054981.50	60.04	60.04
DISCCART	733796.38	4055006.50	60.04	60.04
DISCCART	733796.38	4055031.50	60.04	60.04
DISCCART	733796.38	4055056.50	60.02	60.02
DISCCART	733796.38	4055081.50	59.96	59.96
DISCCART	733796.38	4055106.50	59.94	59.94
DISCCART	733796.38	4055131.50	59.94	59.94
DISCCART	733796.38	4055156.50	59.94	59.94
DISCCART	733796.38	4055181.50	59.94	59.94
DISCCART	733796.38	4055206.50	59.94	59.94
DISCCART	733796.38	4055231.50	59.94	59.94
DISCCART	733796.38	4055256.50	59.94	59.94
DISCCART	733796.38	4055281.50	59.94	59.94
DISCCART	733796.38	4055306.50	59.93	59.93
DISCCART	733796.38	4055331.50	59.92	59.92
DISCCART	733821.38	4052331.50	63.96	63.96
DISCCART	733821.38	4052356.50	63.88	63.88
DISCCART	733821.38	4052381.50	63.84	63.84
DISCCART	733821.38	4052406.50	63.74	63.74
DISCCART	733821.38	4052431.50	63.65	63.65
DISCCART	733821.38	4052456.50	63.57	63.57
DISCCART	733821.38	4052481.50	63.55	63.55
DISCCART	733821.38	4052506.50	63.44	63.44
DISCCART	733821.38	4052531.50	63.36	63.36
DISCCART	733821.38	4052556.50	63.32	63.32
DISCCART	733821.38	4052581.50	63.24	63.24
DISCCART	733821.38	4052606.50	63.14	63.14
DISCCART	733821.38	4052631.50	63.10	63.10
DISCCART	733821.38	4052656.50	63.04	63.04
DISCCART	733821.38	4052681.50	62.96	62.96
DISCCART	733821.38	4052706.50	62.92	62.92
DISCCART	733821.38	4052731.50	62.84	62.84
DISCCART	733821.38	4052756.50	62.77	62.77
DISCCART	733821.38	4052781.50	62.74	62.74
DISCCART	733821.38	4052806.50	62.65	62.65
DISCCART	733821.38	4052831.50	62.56	62.56
DISCCART	733821.38	4052856.50	62.54	62.54
DISCCART	733821.38	4052881.50	62.46	62.46
DISCCART	733821.38	4052906.50	62.43	62.43
DISCCART	733821.38	4052931.50	62.34	62.34
DISCCART	733821.38	4052956.50	62.33	62.33
DISCCART	733821.38	4052981.50	62.24	62.24
DISCCART	733821.38	4053006.50	62.22	62.22
DISCCART	733821.38	4053031.50	62.14	62.14
DISCCART	733821.38	4053056.50	62.10	62.10
DISCCART	733821.38	4053081.50	62.04	62.04
DISCCART	733821.38	4053106.50	61.97	61.97
DISCCART	733821.38	4053131.50	61.94	61.94
DISCCART	733821.38	4053156.50	61.87	61.87
DISCCART	733821.38	4053181.50	61.84	61.84
DISCCART	733821.38	4053206.50	61.78	61.78
DISCCART	733821.38	4053231.50	61.74	61.74
DISCCART	733821.38	4053256.50	61.74	61.74
DISCCART	733821.38	4053281.50	61.66	61.66
DISCCART	733821.38	4053306.50	61.64	61.64
DISCCART	733821.38	4053331.50	61.64	61.64
DISCCART	733821.38	4053356.50	61.55	61.55
DISCCART	733821.38	4053381.50	61.54	61.54
DISCCART	733821.38	4053406.50	61.54	61.54
DISCCART	733821.38	4053431.50	61.45	61.45
DISCCART	733821.38	4053456.50	61.44	61.44
DISCCART	733821.38	4053481.50	61.44	61.44
DISCCART	733821.38	4053506.50	61.35	61.35
DISCCART	733821.38	4053531.50	61.34	61.34
DISCCART	733821.38	4053556.50	61.34	61.34
DISCCART	733821.38	4053581.50	61.24	61.24
DISCCART	733821.38	4053606.50	61.24	61.24
DISCCART	733821.38	4053631.50	61.24	61.24
DISCCART	733821.38	4053656.50	61.14	61.14
DISCCART	733821.38	4053681.50	61.14	61.14
DISCCART	733821.38	4053706.50	61.12	61.12
DISCCART	733821.38	4053731.50	61.04	61.04
DISCCART	733821.38	4053756.50	61.04	61.04
DISCCART	733821.38	4053781.50	60.94	60.94
DISCCART	733821.38	4053806.50	60.94	60.94
DISCCART	733821.38	4053831.50	60.85	60.85
DISCCART	733821.38	4053856.50	60.84	60.84
DISCCART	733821.38	4053881.50	60.75	60.75
DISCCART	733821.38	4053906.50	60.77	60.77
DISCCART	733821.38	4053931.50	60.74	60.74
DISCCART	733821.38	4053956.50	60.64	60.64
DISCCART	733821.38	4053981.50	60.60	60.60
DISCCART	733821.38	4054006.50	60.54	60.54
DISCCART	733821.38	4054031.50	60.60	60.60
DISCCART	733821.38	4054056.50	60.54	60.54
DISCCART	733821.38	4054081.50	60.61	60.61
DISCCART	733821.38	4054106.50	60.55	60.55
DISCCART	733821.38	4054131.50	60.54	60.54
DISCCART	733821.38	4054156.50	60.54	60.54
DISCCART	733821.38	4054181.50	60.54	60.54
DISCCART	733821.38	4054206.50	60.54	60.54
DISCCART	733821.38	4054231.50	60.54	60.54
DISCCART	733821.38	4054256.50	60.54	60.54
DISCCART	733821.38	4054281.50	60.50	60.50
DISCCART	733821.38	4054306.50	60.44	60.44
DISCCART	733821.38	4054331.50	60.44	60.44

DISCCART	733821.38	4054356.50	60.44	60.44
DISCCART	733821.38	4054381.50	60.44	60.44
DISCCART	733821.38	4054406.50	60.38	60.38
DISCCART	733821.38	4054431.50	60.34	60.34
DISCCART	733821.38	4054456.50	60.34	60.34
DISCCART	733821.38	4054481.50	60.34	60.34
DISCCART	733821.38	4054506.50	60.32	60.32
DISCCART	733821.38	4054531.50	60.26	60.26
DISCCART	733821.38	4054556.50	60.24	60.24
DISCCART	733821.38	4054581.50	60.24	60.24
DISCCART	733821.38	4054606.50	60.24	60.24
DISCCART	733821.38	4054631.50	60.24	60.24
DISCCART	733821.38	4054656.50	60.19	60.19
DISCCART	733821.38	4054681.50	60.16	60.16
DISCCART	733821.38	4054706.50	60.14	60.14
DISCCART	733821.38	4054731.50	60.14	60.14
DISCCART	733821.38	4054756.50	60.14	60.14
DISCCART	733821.38	4054781.50	60.14	60.14
DISCCART	733821.38	4054806.50	60.14	60.14
DISCCART	733821.38	4054831.50	60.08	60.08
DISCCART	733821.38	4054856.50	60.05	60.05
DISCCART	733821.38	4054881.50	60.04	60.04
DISCCART	733821.38	4054906.50	60.04	60.04
DISCCART	733821.38	4054931.50	60.04	60.04
DISCCART	733821.38	4054956.50	60.04	60.04
DISCCART	733821.38	4054981.50	60.00	60.00
DISCCART	733821.38	4055006.50	59.97	59.97
DISCCART	733821.38	4055031.50	59.94	59.94
DISCCART	733821.38	4055056.50	59.94	59.94
DISCCART	733821.38	4055081.50	59.94	59.94
DISCCART	733821.38	4055106.50	59.94	59.94
DISCCART	733821.38	4055131.50	59.94	59.94
DISCCART	733821.38	4055156.50	59.94	59.94
DISCCART	733821.38	4055181.50	59.91	59.91
DISCCART	733821.38	4055206.50	59.88	59.88
DISCCART	733821.38	4055231.50	59.88	59.88
DISCCART	733821.38	4055256.50	59.84	59.84
DISCCART	733821.38	4055281.50	59.84	59.84
DISCCART	733821.38	4055306.50	59.84	59.84
DISCCART	733821.38	4055331.50	59.84	59.84
DISCCART	733846.38	4052331.50	63.94	63.94
DISCCART	733846.38	4052356.50	63.85	63.85
DISCCART	733846.38	4052381.50	63.74	63.74
DISCCART	733846.38	4052406.50	63.70	63.70
DISCCART	733846.38	4052431.50	63.64	63.64
DISCCART	733846.38	4052456.50	63.54	63.54
DISCCART	733846.38	4052481.50	63.47	63.47
DISCCART	733846.38	4052506.50	63.41	63.41
DISCCART	733846.38	4052531.50	63.33	63.33
DISCCART	733846.38	4052556.50	63.24	63.24
DISCCART	733846.38	4052581.50	63.19	63.19
DISCCART	733846.38	4052606.50	63.14	63.14
DISCCART	733846.38	4052631.50	63.05	63.05
DISCCART	733846.38	4052656.50	62.99	62.99
DISCCART	733846.38	4052681.50	62.94	62.94
DISCCART	733846.38	4052706.50	62.85	62.85
DISCCART	733846.38	4052731.50	62.83	62.83
DISCCART	733846.38	4052756.50	62.74	62.74
DISCCART	733846.38	4052781.50	62.64	62.64
DISCCART	733846.38	4052806.50	62.64	62.64
DISCCART	733846.38	4052831.50	62.54	62.54
DISCCART	733846.38	4052856.50	62.45	62.45
DISCCART	733846.38	4052881.50	62.44	62.44
DISCCART	733846.38	4052906.50	62.34	62.34
DISCCART	733846.38	4052931.50	62.32	62.32
DISCCART	733846.38	4052956.50	62.24	62.24
DISCCART	733846.38	4052981.50	62.22	62.22
DISCCART	733846.38	4053006.50	62.14	62.14
DISCCART	733846.38	4053031.50	62.13	62.13
DISCCART	733846.38	4053056.50	62.04	62.04
DISCCART	733846.38	4053081.50	62.03	62.03
DISCCART	733846.38	4053106.50	61.94	61.94
DISCCART	733846.38	4053131.50	61.93	61.93
DISCCART	733846.38	4053156.50	61.84	61.84
DISCCART	733846.38	4053181.50	61.83	61.83
DISCCART	733846.38	4053206.50	61.74	61.74
DISCCART	733846.38	4053231.50	61.74	61.74
DISCCART	733846.38	4053256.50	61.65	61.65
DISCCART	733846.38	4053281.50	61.64	61.64
DISCCART	733846.38	4053306.50	61.64	61.64
DISCCART	733846.38	4053331.50	61.55	61.55
DISCCART	733846.38	4053356.50	61.54	61.54
DISCCART	733846.38	4053381.50	61.53	61.53
DISCCART	733846.38	4053406.50	61.46	61.46
DISCCART	733846.38	4053431.50	61.44	61.44
DISCCART	733846.38	4053456.50	61.44	61.44
DISCCART	733846.38	4053481.50	61.34	61.34
DISCCART	733846.38	4053506.50	61.34	61.34
DISCCART	733846.38	4053531.50	61.32	61.32
DISCCART	733846.38	4053556.50	61.25	61.25
DISCCART	733846.38	4053581.50	61.24	61.24
DISCCART	733846.38	4053606.50	61.24	61.24
DISCCART	733846.38	4053631.50	61.15	61.15
DISCCART	733846.38	4053656.50	61.14	61.14
DISCCART	733846.38	4053681.50	61.12	61.12
DISCCART	733846.38	4053706.50	61.04	61.04
DISCCART	733846.38	4053731.50	61.04	61.04
DISCCART	733846.38	4053756.50	60.96	60.96
DISCCART	733846.38	4053781.50	60.94	60.94
DISCCART	733846.38	4053806.50	60.91	60.91
DISCCART	733846.38	4053831.50	60.84	60.84
DISCCART	733846.38	4053856.50	60.81	60.81
DISCCART	733846.38	4053881.50	60.74	60.74
DISCCART	733846.38	4053906.50	60.72	60.72
DISCCART	733846.38	4053931.50	60.65	60.65
DISCCART	733846.38	4053956.50	60.62	60.62
DISCCART	733846.38	4053981.50	60.54	60.54
DISCCART	733846.38	4054006.50	60.53	60.53
DISCCART	733846.38	4054031.50	60.45	60.45
DISCCART	733846.38	4054056.50	60.44	60.44
DISCCART	733846.38	4054081.50	60.49	60.49
DISCCART	733846.38	4054106.50	60.48	60.48
DISCCART	733846.38	4054131.50	60.45	60.45
DISCCART	733846.38	4054156.50	60.52	60.52
DISCCART	733846.38	4054181.50	60.51	60.51
DISCCART	733846.38	4054206.50	60.52	60.52
DISCCART	733846.38	4054231.50	60.52	60.52
DISCCART	733846.38	4054256.50	60.45	60.45
DISCCART	733846.38	4054281.50	60.44	60.44
DISCCART	733846.38	4054306.50	60.44	60.44
DISCCART	733846.38	4054331.50	60.44	60.44
DISCCART	733846.38	4054356.50	60.41	60.41
DISCCART	733846.38	4054381.50	60.35	60.35
DISCCART	733846.38	4054406.50	60.34	60.34

DISCCART	733846.38	4054431.50	60.34	60.34
DISCCART	733846.38	4054456.50	60.32	60.32
DISCCART	733846.38	4054481.50	60.26	60.26
DISCCART	733846.38	4054506.50	60.24	60.24
DISCCART	733846.38	4054531.50	60.24	60.24
DISCCART	733846.38	4054556.50	60.24	60.24
DISCCART	733846.38	4054581.50	60.23	60.23
DISCCART	733846.38	4054606.50	60.15	60.15
DISCCART	733846.38	4054631.50	60.14	60.14
DISCCART	733846.38	4054656.50	60.14	60.14
DISCCART	733846.38	4054681.50	60.14	60.14
DISCCART	733846.38	4054706.50	60.14	60.14
DISCCART	733846.38	4054731.50	60.14	60.14
DISCCART	733846.38	4054756.50	60.10	60.10
DISCCART	733846.38	4054781.50	60.06	60.06
DISCCART	733846.38	4054806.50	60.04	60.04
DISCCART	733846.38	4054831.50	60.04	60.04
DISCCART	733846.38	4054856.50	60.04	60.04
DISCCART	733846.38	4054881.50	60.04	60.04
DISCCART	733846.38	4054906.50	60.03	60.03
DISCCART	733846.38	4054931.50	59.96	59.96
DISCCART	733846.38	4054956.50	59.94	59.94
DISCCART	733846.38	4054981.50	59.94	59.94
DISCCART	733846.38	4055006.50	59.94	59.94
DISCCART	733846.38	4055031.50	59.94	59.94
DISCCART	733846.38	4055056.50	59.94	59.94
DISCCART	733846.38	4055081.50	59.92	59.92
DISCCART	733846.38	4055106.50	59.86	59.86
DISCCART	733846.38	4055131.50	59.85	59.85
DISCCART	733846.38	4055156.50	59.84	59.84
DISCCART	733846.38	4055181.50	59.84	59.84
DISCCART	733846.38	4055206.50	59.84	59.84
DISCCART	733846.38	4055231.50	59.84	59.84
DISCCART	733846.38	4055256.50	59.84	59.84
DISCCART	733846.38	4055281.50	59.84	59.84
DISCCART	733846.38	4055306.50	59.84	59.84
DISCCART	733846.38	4055331.50	59.84	59.84
DISCCART	733871.38	4052331.50	63.85	63.85
DISCCART	733871.38	4052356.50	63.80	63.80
DISCCART	733871.38	4052381.50	63.74	63.74
DISCCART	733871.38	4052406.50	63.64	63.64
DISCCART	733871.38	4052431.50	63.57	63.57
DISCCART	733871.38	4052456.50	63.53	63.53
DISCCART	733871.38	4052481.50	63.44	63.44
DISCCART	733871.38	4052506.50	63.34	63.34
DISCCART	733871.38	4052531.50	63.28	63.28
DISCCART	733871.38	4052556.50	63.23	63.23
DISCCART	733871.38	4052581.50	63.14	63.14
DISCCART	733871.38	4052606.50	63.08	63.08
DISCCART	733871.38	4052631.50	63.03	63.03
DISCCART	733871.38	4052656.50	62.94	62.94
DISCCART	733871.38	4052681.50	62.87	62.87
DISCCART	733871.38	4052706.50	62.82	62.82
DISCCART	733871.38	4052731.50	62.74	62.74
DISCCART	733871.38	4052756.50	62.67	62.67
DISCCART	733871.38	4052781.50	62.64	62.64
DISCCART	733871.38	4052806.50	62.54	62.54
DISCCART	733871.38	4052831.50	62.48	62.48
DISCCART	733871.38	4052856.50	62.44	62.44
DISCCART	733871.38	4052881.50	62.36	62.36
DISCCART	733871.38	4052906.50	62.33	62.33
DISCCART	733871.38	4052931.50	62.24	62.24
DISCCART	733871.38	4052956.50	62.24	62.24
DISCCART	733871.38	4052981.50	62.14	62.14
DISCCART	733871.38	4053006.50	62.12	62.12
DISCCART	733871.38	4053031.50	62.04	62.04
DISCCART	733871.38	4053056.50	62.02	62.02
DISCCART	733871.38	4053081.50	61.94	61.94
DISCCART	733871.38	4053106.50	61.92	61.92
DISCCART	733871.38	4053131.50	61.84	61.84
DISCCART	733871.38	4053156.50	61.83	61.83
DISCCART	733871.38	4053181.50	61.74	61.74
DISCCART	733871.38	4053206.50	61.74	61.74
DISCCART	733871.38	4053231.50	61.66	61.66
DISCCART	733871.38	4053256.50	61.64	61.64
DISCCART	733871.38	4053281.50	61.64	61.64
DISCCART	733871.38	4053306.50	61.55	61.55
DISCCART	733871.38	4053331.50	61.54	61.54
DISCCART	733871.38	4053356.50	61.52	61.52
DISCCART	733871.38	4053381.50	61.44	61.44
DISCCART	733871.38	4053406.50	61.44	61.44
DISCCART	733871.38	4053431.50	61.44	61.44
DISCCART	733871.38	4053456.50	61.34	61.34
DISCCART	733871.38	4053481.50	61.34	61.34
DISCCART	733871.38	4053506.50	61.32	61.32
DISCCART	733871.38	4053531.50	61.24	61.24
DISCCART	733871.38	4053556.50	61.24	61.24
DISCCART	733871.38	4053581.50	61.24	61.24
DISCCART	733871.38	4053606.50	61.14	61.14
DISCCART	733871.38	4053631.50	61.14	61.14
DISCCART	733871.38	4053656.50	61.13	61.13
DISCCART	733871.38	4053681.50	61.04	61.04
DISCCART	733871.38	4053706.50	61.04	61.04
DISCCART	733871.38	4053731.50	61.00	61.00
DISCCART	733871.38	4053756.50	60.94	60.94
DISCCART	733871.38	4053781.50	60.94	60.94
DISCCART	733871.38	4053806.50	60.85	60.85
DISCCART	733871.38	4053831.50	60.84	60.84
DISCCART	733871.38	4053856.50	60.78	60.78
DISCCART	733871.38	4053881.50	60.74	60.74
DISCCART	733871.38	4053906.50	60.67	60.67
DISCCART	733871.38	4053931.50	60.64	60.64
DISCCART	733871.38	4053956.50	60.54	60.54
DISCCART	733871.38	4053981.50	60.50	60.50
DISCCART	733871.38	4054006.50	60.45	60.45
DISCCART	733871.38	4054031.50	60.41	60.41
DISCCART	733871.38	4054056.50	60.35	60.35
DISCCART	733871.38	4054081.50	60.36	60.36
DISCCART	733871.38	4054106.50	60.41	60.41
DISCCART	733871.38	4054131.50	60.44	60.44
DISCCART	733871.38	4054156.50	60.44	60.44
DISCCART	733871.38	4054181.50	60.44	60.44
DISCCART	733871.38	4054206.50	60.44	60.44
DISCCART	733871.38	4054231.50	60.44	60.44
DISCCART	733871.38	4054256.50	60.44	60.44
DISCCART	733871.38	4054281.50	60.44	60.44
DISCCART	733871.38	4054306.50	60.44	60.44
DISCCART	733871.38	4054331.50	60.36	60.36
DISCCART	733871.38	4054356.50	60.34	60.34
DISCCART	733871.38	4054381.50	60.34	60.34
DISCCART	733871.38	4054406.50	60.34	60.34
DISCCART	733871.38	4054431.50	60.28	60.28
DISCCART	733871.38	4054456.50	60.24	60.24
DISCCART	733871.38	4054481.50	60.24	60.24

DISCCART	733871.38	4054506.50	60.24	60.24
DISCCART	733871.38	4054531.50	60.24	60.24
DISCCART	733871.38	4054556.50	60.17	60.17
DISCCART	733871.38	4054581.50	60.14	60.14
DISCCART	733871.38	4054606.50	60.14	60.14
DISCCART	733871.38	4054631.50	60.14	60.14
DISCCART	733871.38	4054656.50	60.14	60.14
DISCCART	733871.38	4054681.50	60.11	60.11
DISCCART	733871.38	4054706.50	60.08	60.08
DISCCART	733871.38	4054731.50	60.04	60.04
DISCCART	733871.38	4054756.50	60.04	60.04
DISCCART	733871.38	4054781.50	60.04	60.04
DISCCART	733871.38	4054806.50	60.04	60.04
DISCCART	733871.38	4054831.50	60.04	60.04
DISCCART	733871.38	4054856.50	59.99	59.99
DISCCART	733871.38	4054881.50	59.95	59.95
DISCCART	733871.38	4054906.50	59.94	59.94
DISCCART	733871.38	4054931.50	59.94	59.94
DISCCART	733871.38	4054956.50	59.94	59.94
DISCCART	733871.38	4054981.50	59.94	59.94
DISCCART	733871.38	4055006.50	59.93	59.93
DISCCART	733871.38	4055031.50	59.89	59.89
DISCCART	733871.38	4055056.50	59.84	59.84
DISCCART	733871.38	4055081.50	59.84	59.84
DISCCART	733871.38	4055106.50	59.84	59.84
DISCCART	733871.38	4055131.50	59.84	59.84
DISCCART	733871.38	4055156.50	59.84	59.84
DISCCART	733871.38	4055181.50	59.84	59.84
DISCCART	733871.38	4055206.50	59.84	59.84
DISCCART	733871.38	4055231.50	59.84	59.84
DISCCART	733871.38	4055256.50	59.79	59.79
DISCCART	733871.38	4055281.50	59.79	59.79
DISCCART	733871.38	4055306.50	59.74	59.74
DISCCART	733871.38	4055331.50	59.74	59.74
DISCCART	730871.38	4055381.50	65.09	65.09
DISCCART	730871.38	4055431.50	65.14	65.14
DISCCART	730871.38	4055481.50	65.16	65.16
DISCCART	730921.38	4055381.50	64.95	64.95
DISCCART	730921.38	4055431.50	65.04	65.04
DISCCART	730921.38	4055481.50	65.04	65.04
DISCCART	730971.38	4055381.50	64.84	64.84
DISCCART	730971.38	4055431.50	64.89	64.89
DISCCART	730971.38	4055481.50	64.94	64.94
DISCCART	731021.38	4055381.50	64.74	64.74
DISCCART	731021.38	4055431.50	64.78	64.78
DISCCART	731021.38	4055481.50	64.84	64.84
DISCCART	731071.38	4055381.50	64.64	64.64
DISCCART	731071.38	4055431.50	64.68	64.68
DISCCART	731071.38	4055481.50	64.74	64.74
DISCCART	731121.38	4055381.50	64.54	64.54
DISCCART	731121.38	4055431.50	64.63	64.63
DISCCART	731121.38	4055481.50	64.65	64.65
DISCCART	731171.38	4055381.50	64.48	64.48
DISCCART	731171.38	4055431.50	64.54	64.54
DISCCART	731171.38	4055481.50	64.64	64.64
DISCCART	731221.38	4055381.50	64.44	64.44
DISCCART	731221.38	4055431.50	64.44	64.44
DISCCART	731221.38	4055481.50	64.52	64.52
DISCCART	731271.38	4055381.50	64.29	64.29
DISCCART	731271.38	4055431.50	64.34	64.34
DISCCART	731271.38	4055481.50	64.44	64.44
DISCCART	731321.38	4055381.50	64.19	64.19
DISCCART	731321.38	4055431.50	64.24	64.24
DISCCART	731321.38	4055481.50	64.33	64.33
DISCCART	731371.38	4055381.50	64.07	64.07
DISCCART	731371.38	4055431.50	64.14	64.14
DISCCART	731371.38	4055481.50	64.19	64.19
DISCCART	731421.38	4055381.50	63.98	63.98
DISCCART	731421.38	4055431.50	64.04	64.04
DISCCART	731421.38	4055481.50	64.04	64.04
DISCCART	731471.38	4055381.50	63.93	63.93
DISCCART	731471.38	4055431.50	63.94	63.94
DISCCART	731471.38	4055481.50	63.94	63.94
DISCCART	731521.38	4055381.50	63.78	63.78
DISCCART	731521.38	4055431.50	63.84	63.84
DISCCART	731521.38	4055481.50	63.84	63.84
DISCCART	731571.38	4055381.50	63.68	63.68
DISCCART	731571.38	4055431.50	63.74	63.74
DISCCART	731571.38	4055481.50	63.74	63.74
DISCCART	731621.38	4055381.50	63.54	63.54
DISCCART	731621.38	4055431.50	63.64	63.64
DISCCART	731621.38	4055481.50	63.64	63.64
DISCCART	731671.38	4055381.50	63.44	63.44
DISCCART	731671.38	4055431.50	63.54	63.54
DISCCART	731671.38	4055481.50	63.54	63.54
DISCCART	731721.38	4055381.50	63.35	63.35
DISCCART	731721.38	4055431.50	63.44	63.44
DISCCART	731721.38	4055481.50	63.44	63.44
DISCCART	731771.38	4055381.50	63.27	63.27
DISCCART	731771.38	4055431.50	63.34	63.34
DISCCART	731771.38	4055481.50	63.34	63.34
DISCCART	731821.38	4055381.50	63.23	63.23
DISCCART	731821.38	4055431.50	63.24	63.24
DISCCART	731821.38	4055481.50	63.24	63.24
DISCCART	731871.38	4055381.50	63.14	63.14
DISCCART	731871.38	4055431.50	63.14	63.14
DISCCART	731871.38	4055481.50	63.14	63.14
DISCCART	731921.38	4055381.50	63.04	63.04
DISCCART	731921.38	4055431.50	63.04	63.04
DISCCART	731921.38	4055481.50	63.09	63.09
DISCCART	731971.38	4055381.50	62.94	62.94
DISCCART	731971.38	4055431.50	62.95	62.95
DISCCART	731971.38	4055481.50	63.04	63.04
DISCCART	732021.38	4055381.50	62.84	62.84
DISCCART	732021.38	4055431.50	62.88	62.88
DISCCART	732021.38	4055481.50	62.94	62.94
DISCCART	732071.38	4055381.50	62.77	62.77
DISCCART	732071.38	4055431.50	62.84	62.84
DISCCART	732071.38	4055481.50	62.84	62.84
DISCCART	732121.38	4055381.50	62.69	62.69
DISCCART	732121.38	4055431.50	62.74	62.74
DISCCART	732121.38	4055481.50	62.74	62.74
DISCCART	732171.38	4055381.50	62.64	62.64
DISCCART	732171.38	4055431.50	62.64	62.64
DISCCART	732171.38	4055481.50	62.64	62.64
DISCCART	732221.38	4055381.50	62.54	62.54
DISCCART	732221.38	4055431.50	62.54	62.54
DISCCART	732221.38	4055481.50	62.54	62.54
DISCCART	732271.38	4055381.50	62.44	62.44
DISCCART	732271.38	4055431.50	62.44	62.44
DISCCART	732271.38	4055481.50	62.47	62.47
DISCCART	732321.38	4055381.50	62.34	62.34
DISCCART	732321.38	4055431.50	62.34	62.34
DISCCART	732321.38	4055481.50	62.35	62.35

DISCCART	732371.38	4055381.50	62.24	62.24
DISCCART	732371.38	4055431.50	62.24	62.24
DISCCART	732371.38	4055481.50	62.27	62.27
DISCCART	732421.38	4055381.50	62.14	62.14
DISCCART	732421.38	4055431.50	62.14	62.14
DISCCART	732421.38	4055481.50	62.17	62.17
DISCCART	732471.38	4055381.50	62.04	62.04
DISCCART	732471.38	4055431.50	62.04	62.04
DISCCART	732471.38	4055481.50	62.07	62.07
DISCCART	732521.38	4055381.50	61.94	61.94
DISCCART	732521.38	4055431.50	61.94	61.94
DISCCART	732521.38	4055481.50	61.94	61.94
DISCCART	732571.38	4055381.50	61.84	61.84
DISCCART	732571.38	4055431.50	61.84	61.84
DISCCART	732571.38	4055481.50	61.84	61.84
DISCCART	732621.38	4055381.50	61.74	61.74
DISCCART	732621.38	4055431.50	61.74	61.74
DISCCART	732621.38	4055481.50	61.77	61.77
DISCCART	732671.38	4055381.50	61.64	61.64
DISCCART	732671.38	4055431.50	61.68	61.68
DISCCART	732671.38	4055481.50	61.74	61.74
DISCCART	732721.38	4055381.50	61.64	61.64
DISCCART	732721.38	4055431.50	61.64	61.64
DISCCART	732721.38	4055481.50	61.64	61.64
DISCCART	732771.38	4055381.50	61.54	61.54
DISCCART	732771.38	4055431.50	61.54	61.54
DISCCART	732771.38	4055481.50	61.54	61.54
DISCCART	732821.38	4055381.50	61.44	61.44
DISCCART	732821.38	4055431.50	61.44	61.44
DISCCART	732821.38	4055481.50	61.47	61.47
DISCCART	732871.38	4055381.50	61.38	61.38
DISCCART	732871.38	4055431.50	61.39	61.39
DISCCART	732871.38	4055481.50	61.44	61.44
DISCCART	732921.38	4055381.50	61.34	61.34
DISCCART	732921.38	4055431.50	61.34	61.34
DISCCART	732921.38	4055481.50	61.34	61.34
DISCCART	732971.38	4055381.50	61.24	61.24
DISCCART	732971.38	4055431.50	61.24	61.24
DISCCART	732971.38	4055481.50	61.24	61.24
DISCCART	733021.38	4055381.50	61.14	61.14
DISCCART	733021.38	4055431.50	61.14	61.14
DISCCART	733021.38	4055481.50	61.19	61.19
DISCCART	733071.38	4055381.50	61.08	61.08
DISCCART	733071.38	4055431.50	61.09	61.09
DISCCART	733071.38	4055481.50	61.09	61.09
DISCCART	733121.38	4055381.50	60.99	60.99
DISCCART	733121.38	4055431.50	60.99	60.99
DISCCART	733121.38	4055481.50	60.99	60.99
DISCCART	733171.38	4055381.50	60.94	60.94
DISCCART	733171.38	4055431.50	60.89	60.89
DISCCART	733171.38	4055481.50	60.91	60.91
DISCCART	733221.38	4055381.50	60.84	60.84
DISCCART	733221.38	4055431.50	60.84	60.84
DISCCART	733221.38	4055481.50	60.84	60.84
DISCCART	733271.38	4055381.50	60.74	60.74
DISCCART	733271.38	4055431.50	60.74	60.74
DISCCART	733271.38	4055481.50	60.74	60.74
DISCCART	733321.38	4055381.50	60.64	60.64
DISCCART	733321.38	4055431.50	60.64	60.64
DISCCART	733321.38	4055481.50	60.64	60.64
DISCCART	733371.38	4055381.50	60.54	60.54
DISCCART	733371.38	4055431.50	60.54	60.54
DISCCART	733371.38	4055481.50	60.54	60.54
DISCCART	733421.38	4055381.50	60.44	60.44
DISCCART	733421.38	4055431.50	60.44	60.44
DISCCART	733421.38	4055481.50	60.44	60.44
DISCCART	733471.38	4055381.50	60.34	60.34
DISCCART	733471.38	4055431.50	60.34	60.34
DISCCART	733471.38	4055481.50	60.34	60.34
DISCCART	733521.38	4055381.50	60.24	60.24
DISCCART	733521.38	4055431.50	60.24	60.24
DISCCART	733521.38	4055481.50	60.24	60.24
DISCCART	733571.38	4055381.50	60.24	60.24
DISCCART	733571.38	4055431.50	60.24	60.24
DISCCART	733571.38	4055481.50	60.24	60.24
DISCCART	733621.38	4055381.50	60.14	60.14
DISCCART	733621.38	4055431.50	60.14	60.14
DISCCART	733621.38	4055481.50	60.14	60.14
DISCCART	733671.38	4055381.50	60.09	60.09
DISCCART	733671.38	4055431.50	60.09	60.09
DISCCART	733671.38	4055481.50	60.08	60.08
DISCCART	733721.38	4055381.50	60.04	60.04
DISCCART	733721.38	4055431.50	60.04	60.04
DISCCART	733721.38	4055481.50	60.04	60.04
DISCCART	733771.38	4055381.50	59.94	59.94
DISCCART	733771.38	4055431.50	59.94	59.94
DISCCART	733771.38	4055481.50	59.94	59.94
DISCCART	733821.38	4055381.50	59.84	59.84
DISCCART	733821.38	4055431.50	59.84	59.84
DISCCART	733821.38	4055481.50	59.84	59.84
DISCCART	733871.38	4055381.50	59.74	59.74
DISCCART	733871.38	4055431.50	59.74	59.74
DISCCART	733871.38	4055481.50	59.74	59.74
DISCCART	733921.38	4055381.50	59.64	59.64
DISCCART	733921.38	4055431.50	59.64	59.64
DISCCART	733921.38	4055481.50	59.64	59.64
DISCCART	733971.38	4055381.50	59.54	59.54
DISCCART	733971.38	4055431.50	59.54	59.54
DISCCART	733971.38	4055481.50	59.54	59.54
DISCCART	734021.38	4055381.50	59.44	59.44
DISCCART	734021.38	4055431.50	59.44	59.44
DISCCART	734021.38	4055481.50	59.44	59.44
DISCCART	733921.38	4055331.50	59.69	59.69
DISCCART	733921.38	4055281.50	59.74	59.74
DISCCART	733921.38	4055231.50	59.74	59.74
DISCCART	733921.38	4055181.50	59.74	59.74
DISCCART	733921.38	4055131.50	59.74	59.74
DISCCART	733921.38	4055081.50	59.74	59.74
DISCCART	733921.38	4055031.50	59.83	59.83
DISCCART	733921.38	4054981.50	59.84	59.84
DISCCART	733921.38	4054931.50	59.84	59.84
DISCCART	733921.38	4054881.50	59.88	59.88
DISCCART	733921.38	4054831.50	59.94	59.94
DISCCART	733921.38	4054781.50	59.94	59.94
DISCCART	733921.38	4054731.50	59.98	59.98
DISCCART	733921.38	4054681.50	60.04	60.04
DISCCART	733921.38	4054631.50	60.04	60.04
DISCCART	733921.38	4054581.50	60.08	60.08
DISCCART	733921.38	4054531.50	60.14	60.14
DISCCART	733921.38	4054481.50	60.14	60.14
DISCCART	733921.38	4054431.50	60.24	60.24
DISCCART	733921.38	4054381.50	60.24	60.24
DISCCART	733921.38	4054331.50	60.34	60.34
DISCCART	733921.38	4054281.50	60.34	60.34

DISCCART	733921.38	4054231.50	60.36	60.36
DISCCART	733921.38	4054181.50	60.44	60.44
DISCCART	733921.38	4054131.50	60.44	60.44
DISCCART	733921.38	4054081.50	60.31	60.31
DISCCART	733921.38	4054031.50	60.34	60.34
DISCCART	733921.38	4053981.50	60.44	60.44
DISCCART	733921.38	4053931.50	60.54	60.54
DISCCART	733921.38	4053881.50	60.64	60.64
DISCCART	733921.38	4053831.50	60.74	60.74
DISCCART	733921.38	4053781.50	60.84	60.84
DISCCART	733921.38	4053731.50	60.90	60.90
DISCCART	733921.38	4053681.50	60.94	60.94
DISCCART	733921.38	4053631.50	61.04	61.04
DISCCART	733921.38	4053581.50	61.14	61.14
DISCCART	733921.38	4053531.50	61.16	61.16
DISCCART	733921.38	4053481.50	61.24	61.24
DISCCART	733921.38	4053431.50	61.34	61.34
DISCCART	733921.38	4053381.50	61.35	61.35
DISCCART	733921.38	4053331.50	61.44	61.44
DISCCART	733921.38	4053281.50	61.54	61.54
DISCCART	733921.38	4053231.50	61.64	61.64
DISCCART	733921.38	4053181.50	61.70	61.70
DISCCART	733921.38	4053131.50	61.76	61.76
DISCCART	733921.38	4053081.50	61.85	61.85
DISCCART	733921.38	4053031.50	61.95	61.95
DISCCART	733921.38	4052981.50	62.05	62.05
DISCCART	733921.38	4052931.50	62.14	62.14
DISCCART	733921.38	4052881.50	62.26	62.26
DISCCART	733921.38	4052831.50	62.40	62.40
DISCCART	733921.38	4052781.50	62.54	62.54
DISCCART	733921.38	4052731.50	62.65	62.65
DISCCART	733921.38	4052681.50	62.80	62.80
DISCCART	733921.38	4052631.50	62.94	62.94
DISCCART	733921.38	4052581.50	63.06	63.06
DISCCART	733921.38	4052531.50	63.20	63.20
DISCCART	733921.38	4052481.50	63.34	63.34
DISCCART	733921.38	4052431.50	63.50	63.50
DISCCART	733921.38	4052381.50	63.64	63.64
DISCCART	733921.38	4052331.50	63.76	63.76
DISCCART	733921.38	4052281.50	63.94	63.94
DISCCART	733921.38	4052231.50	64.04	64.04
DISCCART	733921.38	4052181.50	64.20	64.20
DISCCART	733971.38	4055331.50	59.59	59.59
DISCCART	733971.38	4055281.50	59.64	59.64
DISCCART	733971.38	4055231.50	59.64	59.64
DISCCART	733971.38	4055181.50	59.64	59.64
DISCCART	733971.38	4055131.50	59.64	59.64
DISCCART	733971.38	4055081.50	59.73	59.73
DISCCART	733971.38	4055031.50	59.74	59.74
DISCCART	733971.38	4054981.50	59.74	59.74
DISCCART	733971.38	4054931.50	59.74	59.74
DISCCART	733971.38	4054881.50	59.84	59.84
DISCCART	733971.38	4054831.50	59.84	59.84
DISCCART	733971.38	4054781.50	59.84	59.84
DISCCART	733971.38	4054731.50	59.93	59.93
DISCCART	733971.38	4054681.50	59.94	59.94
DISCCART	733971.38	4054631.50	59.94	59.94
DISCCART	733971.38	4054581.50	60.04	60.04
DISCCART	733971.38	4054531.50	60.04	60.04
DISCCART	733971.38	4054481.50	60.09	60.09
DISCCART	733971.38	4054431.50	60.14	60.14
DISCCART	733971.38	4054381.50	60.16	60.16
DISCCART	733971.38	4054331.50	60.24	60.24
DISCCART	733971.38	4054281.50	60.24	60.24
DISCCART	733971.38	4054231.50	60.31	60.31
DISCCART	733971.38	4054181.50	60.34	60.34
DISCCART	733971.38	4054131.50	60.34	60.34
DISCCART	733971.38	4054081.50	60.24	60.24
DISCCART	733971.38	4054031.50	60.34	60.34
DISCCART	733971.38	4053981.50	60.44	60.44
DISCCART	733971.38	4053931.50	60.54	60.54
DISCCART	733971.38	4053881.50	60.64	60.64
DISCCART	733971.38	4053831.50	60.74	60.74
DISCCART	733971.38	4053781.50	60.74	60.74
DISCCART	733971.38	4053731.50	60.84	60.84
DISCCART	733971.38	4053681.50	60.90	60.90
DISCCART	733971.38	4053631.50	60.94	60.94
DISCCART	733971.38	4053581.50	61.04	61.04
DISCCART	733971.38	4053531.50	61.14	61.14
DISCCART	733971.38	4053481.50	61.14	61.14
DISCCART	733971.38	4053431.50	61.24	61.24
DISCCART	733971.38	4053381.50	61.34	61.34
DISCCART	733971.38	4053331.50	61.40	61.40
DISCCART	733971.38	4053281.50	61.44	61.44
DISCCART	733971.38	4053231.50	61.54	61.54
DISCCART	733971.38	4053181.50	61.64	61.64
DISCCART	733971.38	4053131.50	61.74	61.74
DISCCART	733971.38	4053081.50	61.75	61.75
DISCCART	733971.38	4053031.50	61.85	61.85
DISCCART	733971.38	4052981.50	61.94	61.94
DISCCART	733971.38	4052931.50	62.04	62.04
DISCCART	733971.38	4052881.50	62.16	62.16
DISCCART	733971.38	4052831.50	62.26	62.26
DISCCART	733971.38	4052781.50	62.43	62.43
DISCCART	733971.38	4052731.50	62.55	62.55
DISCCART	733971.38	4052681.50	62.74	62.74
DISCCART	733971.38	4052631.50	62.84	62.84
DISCCART	733971.38	4052581.50	62.97	62.97
DISCCART	733971.38	4052531.50	63.14	63.14
DISCCART	733971.38	4052481.50	63.26	63.26
DISCCART	733971.38	4052431.50	63.40	63.40
DISCCART	733971.38	4052381.50	63.54	63.54
DISCCART	733971.38	4052331.50	63.70	63.70
DISCCART	733971.38	4052281.50	63.84	63.84
DISCCART	733971.38	4052231.50	63.95	63.95
DISCCART	733971.38	4052181.50	64.13	64.13
DISCCART	734021.38	4055331.50	59.51	59.51
DISCCART	734021.38	4055281.50	59.54	59.54
DISCCART	734021.38	4055231.50	59.54	59.54
DISCCART	734021.38	4055181.50	59.54	59.54
DISCCART	734021.38	4055131.50	59.58	59.58
DISCCART	734021.38	4055081.50	59.64	59.64
DISCCART	734021.38	4055031.50	59.64	59.64
DISCCART	734021.38	4054981.50	59.64	59.64
DISCCART	734021.38	4054931.50	59.69	59.69
DISCCART	734021.38	4054881.50	59.74	59.74
DISCCART	734021.38	4054831.50	59.74	59.74
DISCCART	734021.38	4054781.50	59.79	59.79
DISCCART	734021.38	4054731.50	59.84	59.84
DISCCART	734021.38	4054681.50	59.84	59.84
DISCCART	734021.38	4054631.50	59.91	59.91
DISCCART	734021.38	4054581.50	59.94	59.94
DISCCART	734021.38	4054531.50	59.94	59.94
DISCCART	734021.38	4054481.50	60.04	60.04

DISCCART	734021.38	4054431.50	60.04	60.04
DISCCART	734021.38	4054381.50	60.10	60.10
DISCCART	734021.38	4054331.50	60.14	60.14
DISCCART	734021.38	4054281.50	60.16	60.16
DISCCART	734021.38	4054231.50	60.24	60.24
DISCCART	734021.38	4054181.50	60.24	60.24
DISCCART	734021.38	4054131.50	60.34	60.34
DISCCART	734021.38	4054081.50	60.24	60.24
DISCCART	734021.38	4054031.50	60.34	60.34
DISCCART	734021.38	4053981.50	60.44	60.44
DISCCART	734021.38	4053931.50	60.50	60.50
DISCCART	734021.38	4053881.50	60.54	60.54
DISCCART	734021.38	4053831.50	60.64	60.64
DISCCART	734021.38	4053781.50	60.74	60.74
DISCCART	734021.38	4053731.50	60.74	60.74
DISCCART	734021.38	4053681.50	60.84	60.84
DISCCART	734021.38	4053631.50	60.90	60.90
DISCCART	734021.38	4053581.50	60.94	60.94
DISCCART	734021.38	4053531.50	61.04	61.04
DISCCART	734021.38	4053481.50	61.13	61.13
DISCCART	734021.38	4053431.50	61.14	61.14
DISCCART	734021.38	4053381.50	61.24	61.24
DISCCART	734021.38	4053331.50	61.34	61.34
DISCCART	734021.38	4053281.50	61.40	61.40
DISCCART	734021.38	4053231.50	61.46	61.46
DISCCART	734021.38	4053181.50	61.54	61.54
DISCCART	734021.38	4053131.50	61.64	61.64
DISCCART	734021.38	4053081.50	61.74	61.74
DISCCART	734021.38	4053031.50	61.76	61.76
DISCCART	734021.38	4052981.50	61.84	61.84
DISCCART	734021.38	4052931.50	61.94	61.94
DISCCART	734021.38	4052881.50	62.04	62.04
DISCCART	734021.38	4052831.50	62.16	62.16
DISCCART	734021.38	4052781.50	62.33	62.33
DISCCART	734021.38	4052731.50	62.46	62.46
DISCCART	734021.38	4052681.50	62.64	62.64
DISCCART	734021.38	4052631.50	62.74	62.74
DISCCART	734021.38	4052581.50	62.90	62.90
DISCCART	734021.38	4052531.50	63.04	63.04
DISCCART	734021.38	4052481.50	63.18	63.18
DISCCART	734021.38	4052431.50	63.34	63.34
DISCCART	734021.38	4052381.50	63.49	63.49
DISCCART	734021.38	4052331.50	63.64	63.64
DISCCART	734021.38	4052281.50	63.74	63.74
DISCCART	734021.38	4052231.50	63.90	63.90
DISCCART	734021.38	4052181.50	64.04	64.04
DISCCART	733871.38	4052281.50	64.03	64.03
DISCCART	733871.38	4052231.50	64.14	64.14
DISCCART	733871.38	4052181.50	64.30	64.30
DISCCART	733821.38	4052281.50	64.14	64.14
DISCCART	733821.38	4052231.50	64.26	64.26
DISCCART	733821.38	4052181.50	64.40	64.40
DISCCART	733771.38	4052281.50	64.24	64.24
DISCCART	733771.38	4052231.50	64.36	64.36
DISCCART	733771.38	4052181.50	64.54	64.54
DISCCART	733721.38	4052281.50	64.34	64.34
DISCCART	733721.38	4052231.50	64.45	64.45
DISCCART	733721.38	4052181.50	64.64	64.64
DISCCART	733671.38	4052281.50	64.44	64.44
DISCCART	733671.38	4052231.50	64.60	64.60
DISCCART	733671.38	4052181.50	64.74	64.74
DISCCART	733621.38	4052281.50	64.51	64.51
DISCCART	733621.38	4052231.50	64.74	64.74
DISCCART	733621.38	4052181.50	64.84	64.84
DISCCART	733571.38	4052281.50	64.54	64.54
DISCCART	733571.38	4052231.50	64.72	64.72
DISCCART	733571.38	4052181.50	64.84	64.84
DISCCART	733521.38	4052281.50	64.60	64.60
DISCCART	733521.38	4052231.50	64.74	64.74
DISCCART	733521.38	4052181.50	64.89	64.89
DISCCART	733471.38	4052281.50	64.68	64.68
DISCCART	733471.38	4052231.50	64.84	64.84
DISCCART	733471.38	4052181.50	65.00	65.00
DISCCART	733421.38	4052281.50	64.76	64.76
DISCCART	733421.38	4052231.50	64.94	64.94
DISCCART	733421.38	4052181.50	65.14	65.14
DISCCART	733371.38	4052281.50	64.89	64.89
DISCCART	733371.38	4052231.50	65.08	65.08
DISCCART	733371.38	4052181.50	65.25	65.25
DISCCART	733321.38	4052281.50	65.04	65.04
DISCCART	733321.38	4052231.50	65.24	65.24
DISCCART	733321.38	4052181.50	65.40	65.40
DISCCART	733271.38	4052281.50	65.15	65.15
DISCCART	733271.38	4052231.50	65.35	65.35
DISCCART	733271.38	4052181.50	65.55	65.55
DISCCART	733221.38	4052281.50	65.34	65.34
DISCCART	733221.38	4052231.50	65.55	65.55
DISCCART	733221.38	4052181.50	65.73	65.73
DISCCART	733171.38	4052281.50	65.45	65.45
DISCCART	733171.38	4052231.50	65.65	65.65
DISCCART	733171.38	4052181.50	65.88	65.88
DISCCART	733121.38	4052281.50	65.64	65.64
DISCCART	733121.38	4052231.50	65.83	65.83
DISCCART	733121.38	4052181.50	66.03	66.03
DISCCART	733071.38	4052281.50	65.76	65.76
DISCCART	733071.38	4052231.50	65.96	65.96
DISCCART	733071.38	4052181.50	66.16	66.16
DISCCART	733021.38	4052281.50	65.93	65.93
DISCCART	733021.38	4052231.50	66.10	66.10
DISCCART	733021.38	4052181.50	66.30	66.30
DISCCART	732971.38	4052281.50	66.06	66.06
DISCCART	732971.38	4052231.50	66.26	66.26
DISCCART	732971.38	4052181.50	66.44	66.44
DISCCART	732921.38	4052281.50	66.24	66.24
DISCCART	732921.38	4052231.50	66.40	66.40
DISCCART	732921.38	4052181.50	66.60	66.60
DISCCART	732871.38	4052281.50	66.34	66.34
DISCCART	732871.38	4052231.50	66.54	66.54
DISCCART	732871.38	4052181.50	66.74	66.74
DISCCART	732821.38	4052281.50	66.45	66.45
DISCCART	732821.38	4052231.50	66.65	66.65
DISCCART	732821.38	4052181.50	66.86	66.86
DISCCART	732771.38	4052281.50	66.60	66.60
DISCCART	732771.38	4052231.50	66.80	66.80
DISCCART	732771.38	4052181.50	67.00	67.00
DISCCART	732721.38	4052281.50	66.74	66.74
DISCCART	732721.38	4052231.50	66.93	66.93
DISCCART	732721.38	4052181.50	67.13	67.13
DISCCART	732671.38	4052281.50	66.86	66.86
DISCCART	732671.38	4052231.50	67.06	67.06
DISCCART	732671.38	4052181.50	67.26	67.26
DISCCART	732621.38	4052281.50	67.00	67.00
DISCCART	732621.38	4052231.50	67.20	67.20
DISCCART	732621.38	4052181.50	67.40	67.40

DISCCART	732571.38	4052281.50	67.15	67.15
DISCCART	732571.38	4052231.50	67.36	67.36
DISCCART	732571.38	4052181.50	67.56	67.56
DISCCART	732521.38	4052281.50	67.30	67.30
DISCCART	732521.38	4052231.50	67.50	67.50
DISCCART	732521.38	4052181.50	67.70	67.70
DISCCART	732471.38	4052281.50	67.45	67.45
DISCCART	732471.38	4052231.50	67.65	67.65
DISCCART	732471.38	4052181.50	67.85	67.85
DISCCART	732421.38	4052281.50	67.56	67.56
DISCCART	732421.38	4052231.50	67.80	67.80
DISCCART	732421.38	4052181.50	68.05	68.05
DISCCART	732371.38	4052281.50	67.73	67.73
DISCCART	732371.38	4052231.50	67.95	67.95
DISCCART	732371.38	4052181.50	68.23	68.23
DISCCART	732321.38	4052281.50	67.86	67.86
DISCCART	732321.38	4052231.50	68.13	68.13
DISCCART	732321.38	4052181.50	68.40	68.40
DISCCART	732271.38	4052281.50	68.05	68.05
DISCCART	732271.38	4052231.50	68.30	68.30
DISCCART	732271.38	4052181.50	68.55	68.55
DISCCART	732221.38	4052281.50	68.18	68.18
DISCCART	732221.38	4052231.50	68.45	68.45
DISCCART	732221.38	4052181.50	68.74	68.74
DISCCART	732171.38	4052281.50	68.30	68.30
DISCCART	732171.38	4052231.50	68.56	68.56
DISCCART	732171.38	4052181.50	68.86	68.86
DISCCART	732121.38	4052281.50	68.44	68.44
DISCCART	732121.38	4052231.50	68.70	68.70
DISCCART	732121.38	4052181.50	69.00	69.00
DISCCART	732071.38	4052281.50	68.54	68.54
DISCCART	732071.38	4052231.50	68.84	68.84
DISCCART	732071.38	4052181.50	69.13	69.13
DISCCART	732021.38	4052281.50	68.60	68.60
DISCCART	732021.38	4052231.50	68.93	68.93
DISCCART	732021.38	4052181.50	69.23	69.23
DISCCART	731971.38	4052281.50	68.70	68.70
DISCCART	731971.38	4052231.50	69.00	69.00
DISCCART	731971.38	4052181.50	69.30	69.30
DISCCART	731921.38	4052281.50	68.78	68.78
DISCCART	731921.38	4052231.50	69.08	69.08
DISCCART	731921.38	4052181.50	69.37	69.37
DISCCART	731871.38	4052281.50	68.83	68.83
DISCCART	731871.38	4052231.50	69.13	69.13
DISCCART	731871.38	4052181.50	69.45	69.45
DISCCART	731821.38	4052281.50	68.87	68.87
DISCCART	731821.38	4052231.50	69.17	69.17
DISCCART	731821.38	4052181.50	69.55	69.55
DISCCART	731771.38	4052281.50	68.87	68.87
DISCCART	731771.38	4052231.50	69.27	69.27
DISCCART	731771.38	4052181.50	69.56	69.56
DISCCART	731721.38	4052281.50	68.97	68.97
DISCCART	731721.38	4052231.50	69.30	69.30
DISCCART	731721.38	4052181.50	69.67	69.67
DISCCART	731671.38	4052281.50	69.00	69.00
DISCCART	731671.38	4052231.50	69.37	69.37
DISCCART	731671.38	4052181.50	69.73	69.73
DISCCART	731621.38	4052281.50	69.10	69.10
DISCCART	731621.38	4052231.50	69.48	69.48
DISCCART	731621.38	4052181.50	69.80	69.80
DISCCART	731571.38	4052281.50	69.21	69.21
DISCCART	731571.38	4052231.50	69.58	69.58
DISCCART	731571.38	4052181.50	69.88	69.88
DISCCART	731521.38	4052281.50	69.35	69.35
DISCCART	731521.38	4052231.50	69.68	69.68
DISCCART	731521.38	4052181.50	69.97	69.97
DISCCART	731471.38	4052281.50	69.44	69.44
DISCCART	731471.38	4052231.50	69.74	69.74
DISCCART	731471.38	4052181.50	70.04	70.04
DISCCART	731421.38	4052281.50	69.54	69.54
DISCCART	731421.38	4052231.50	69.84	69.84
DISCCART	731421.38	4052181.50	70.06	70.06
DISCCART	731371.38	4052281.50	69.65	69.65
DISCCART	731371.38	4052231.50	69.86	69.86
DISCCART	731371.38	4052181.50	70.17	70.17
DISCCART	731321.38	4052281.50	69.66	69.66
DISCCART	731321.38	4052231.50	69.94	69.94
DISCCART	731321.38	4052181.50	70.18	70.18
DISCCART	731271.38	4052281.50	69.74	69.74
DISCCART	731271.38	4052231.50	69.94	69.94
DISCCART	731271.38	4052181.50	70.11	70.11
DISCCART	731221.38	4052281.50	69.62	69.62
DISCCART	731221.38	4052231.50	69.70	69.70
DISCCART	731221.38	4052181.50	69.79	69.79
DISCCART	731171.38	4052281.50	69.44	69.44
DISCCART	731171.38	4052231.50	69.44	69.44
DISCCART	731171.38	4052181.50	69.44	69.44
DISCCART	731121.38	4052281.50	69.64	69.64
DISCCART	731121.38	4052231.50	69.68	69.68
DISCCART	731121.38	4052181.50	69.80	69.80
DISCCART	731071.38	4052281.50	69.84	69.84
DISCCART	731071.38	4052231.50	69.95	69.95
DISCCART	731071.38	4052181.50	70.16	70.16
DISCCART	731021.38	4052281.50	69.94	69.94
DISCCART	731021.38	4052231.50	70.10	70.10
DISCCART	731021.38	4052181.50	70.36	70.36
DISCCART	730971.38	4052281.50	69.97	69.97
DISCCART	730971.38	4052231.50	70.16	70.16
DISCCART	730971.38	4052181.50	70.44	70.44
DISCCART	730921.38	4052281.50	69.96	69.96
DISCCART	730921.38	4052231.50	70.24	70.24
DISCCART	730921.38	4052181.50	70.48	70.48
DISCCART	730871.38	4052281.50	70.04	70.04
DISCCART	730871.38	4052231.50	70.28	70.28
DISCCART	730871.38	4052181.50	70.53	70.53
DISCCART	730821.38	4052281.50	70.03	70.03
DISCCART	730821.38	4052231.50	70.33	70.33
DISCCART	730821.38	4052181.50	70.58	70.58
DISCCART	730771.38	4052281.50	70.08	70.08
DISCCART	730771.38	4052231.50	70.40	70.40
DISCCART	730771.38	4052181.50	70.65	70.65
DISCCART	730721.38	4052281.50	70.17	70.17
DISCCART	730721.38	4052231.50	70.43	70.43
DISCCART	730721.38	4052181.50	70.67	70.67
DISCCART	730821.38	4052331.50	69.77	69.77
DISCCART	730821.38	4052381.50	69.46	69.46
DISCCART	730821.38	4052431.50	69.44	69.44
DISCCART	730821.38	4052481.50	69.54	69.54
DISCCART	730821.38	4052531.50	69.48	69.48
DISCCART	730821.38	4052581.50	69.34	69.34
DISCCART	730821.38	4052631.50	69.18	69.18
DISCCART	730821.38	4052681.50	69.04	69.04
DISCCART	730821.38	4052731.50	68.85	68.85
DISCCART	730821.38	4052781.50	68.74	68.74

DISCCART	730821.38	4052831.50	68.54	68.54
DISCCART	730821.38	4052881.50	68.43	68.43
DISCCART	730821.38	4052931.50	68.26	68.26
DISCCART	730821.38	4052981.50	68.14	68.14
DISCCART	730821.38	4053031.50	67.98	67.98
DISCCART	730821.38	4053081.50	67.84	67.84
DISCCART	730821.38	4053131.50	67.74	67.74
DISCCART	730821.38	4053181.50	67.64	67.64
DISCCART	730821.38	4053231.50	67.50	67.50
DISCCART	730821.38	4053281.50	67.36	67.36
DISCCART	730821.38	4053331.50	67.24	67.24
DISCCART	730821.38	4053381.50	67.14	67.14
DISCCART	730821.38	4053431.50	67.04	67.04
DISCCART	730821.38	4053481.50	66.90	66.90
DISCCART	730821.38	4053531.50	66.80	66.80
DISCCART	730821.38	4053581.50	66.66	66.66
DISCCART	730821.38	4053631.50	66.56	66.56
DISCCART	730821.38	4053681.50	66.45	66.45
DISCCART	730821.38	4053731.50	66.36	66.36
DISCCART	730821.38	4053781.50	66.30	66.30
DISCCART	730821.38	4053831.50	66.24	66.24
DISCCART	730821.38	4053881.50	66.14	66.14
DISCCART	730821.38	4053931.50	66.04	66.04
DISCCART	730821.38	4053981.50	66.00	66.00
DISCCART	730821.38	4054031.50	65.94	65.94
DISCCART	730821.38	4054081.50	65.86	65.86
DISCCART	730821.38	4054131.50	65.80	65.80
DISCCART	730821.38	4054181.50	65.74	65.74
DISCCART	730821.38	4054231.50	65.64	65.64
DISCCART	730821.38	4054281.50	65.64	65.64
DISCCART	730821.38	4054331.50	65.58	65.58
DISCCART	730821.38	4054381.50	65.54	65.54
DISCCART	730821.38	4054431.50	65.54	65.54
DISCCART	730821.38	4054481.50	65.44	65.44
DISCCART	730821.38	4054531.50	65.44	65.44
DISCCART	730821.38	4054581.50	65.44	65.44
DISCCART	730821.38	4054631.50	65.34	65.34
DISCCART	730821.38	4054681.50	65.24	65.24
DISCCART	730821.38	4054731.50	65.13	65.13
DISCCART	730821.38	4054781.50	64.96	64.96
DISCCART	730821.38	4054831.50	64.88	64.88
DISCCART	730821.38	4054881.50	64.88	64.88
DISCCART	730821.38	4054931.50	64.94	64.94
DISCCART	730821.38	4054981.50	64.94	64.94
DISCCART	730821.38	4055031.50	64.98	64.98
DISCCART	730821.38	4055081.50	65.04	65.04
DISCCART	730821.38	4055131.50	65.04	65.04
DISCCART	730821.38	4055181.50	65.08	65.08
DISCCART	730821.38	4055231.50	65.14	65.14
DISCCART	730821.38	4055281.50	65.14	65.14
DISCCART	730821.38	4055331.50	65.19	65.19
DISCCART	730821.38	4055381.50	65.24	65.24
DISCCART	730821.38	4055431.50	65.28	65.28
DISCCART	730821.38	4055481.50	65.34	65.34
DISCCART	730771.38	4052331.50	69.78	69.78
DISCCART	730771.38	4052381.50	69.47	69.47
DISCCART	730771.38	4052431.50	69.44	69.44
DISCCART	730771.38	4052481.50	69.64	69.64
DISCCART	730771.38	4052531.50	69.54	69.54
DISCCART	730771.38	4052581.50	69.43	69.43
DISCCART	730771.38	4052631.50	69.24	69.24
DISCCART	730771.38	4052681.50	69.10	69.10
DISCCART	730771.38	4052731.50	68.94	68.94
DISCCART	730771.38	4052781.50	68.80	68.80
DISCCART	730771.38	4052831.50	68.64	68.64
DISCCART	730771.38	4052881.50	68.50	68.50
DISCCART	730771.38	4052931.50	68.34	68.34
DISCCART	730771.38	4052981.50	68.24	68.24
DISCCART	730771.38	4053031.50	68.08	68.08
DISCCART	730771.38	4053081.50	67.95	67.95
DISCCART	730771.38	4053131.50	67.84	67.84
DISCCART	730771.38	4053181.50	67.74	67.74
DISCCART	730771.38	4053231.50	67.64	67.64
DISCCART	730771.38	4053281.50	67.50	67.50
DISCCART	730771.38	4053331.50	67.36	67.36
DISCCART	730771.38	4053381.50	67.24	67.24
DISCCART	730771.38	4053431.50	67.14	67.14
DISCCART	730771.38	4053481.50	67.04	67.04
DISCCART	730771.38	4053531.50	66.94	66.94
DISCCART	730771.38	4053581.50	66.80	66.80
DISCCART	730771.38	4053631.50	66.70	66.70
DISCCART	730771.38	4053681.50	66.60	66.60
DISCCART	730771.38	4053731.50	66.50	66.50
DISCCART	730771.38	4053781.50	66.40	66.40
DISCCART	730771.38	4053831.50	66.34	66.34
DISCCART	730771.38	4053881.50	66.24	66.24
DISCCART	730771.38	4053931.50	66.14	66.14
DISCCART	730771.38	4053981.50	66.05	66.05
DISCCART	730771.38	4054031.50	66.04	66.04
DISCCART	730771.38	4054081.50	65.94	65.94
DISCCART	730771.38	4054131.50	65.90	65.90
DISCCART	730771.38	4054181.50	65.84	65.84
DISCCART	730771.38	4054231.50	65.80	65.80
DISCCART	730771.38	4054281.50	65.74	65.74
DISCCART	730771.38	4054331.50	65.69	65.69
DISCCART	730771.38	4054381.50	65.64	65.64
DISCCART	730771.38	4054431.50	65.58	65.58
DISCCART	730771.38	4054481.50	65.54	65.54
DISCCART	730771.38	4054531.50	65.54	65.54
DISCCART	730771.38	4054581.50	65.44	65.44
DISCCART	730771.38	4054631.50	65.35	65.35
DISCCART	730771.38	4054681.50	65.24	65.24
DISCCART	730771.38	4054731.50	65.16	65.16
DISCCART	730771.38	4054781.50	65.06	65.06
DISCCART	730771.38	4054831.50	65.04	65.04
DISCCART	730771.38	4054881.50	65.04	65.04
DISCCART	730771.38	4054931.50	65.04	65.04
DISCCART	730771.38	4054981.50	65.09	65.09
DISCCART	730771.38	4055031.50	65.14	65.14
DISCCART	730771.38	4055081.50	65.14	65.14
DISCCART	730771.38	4055131.50	65.19	65.19
DISCCART	730771.38	4055181.50	65.24	65.24
DISCCART	730771.38	4055231.50	65.25	65.25
DISCCART	730771.38	4055281.50	65.34	65.34
DISCCART	730771.38	4055331.50	65.36	65.34
DISCCART	730771.38	4055381.50	65.39	65.39
DISCCART	730771.38	4055431.50	65.44	65.44
DISCCART	730771.38	4055481.50	65.44	65.44
DISCCART	730721.38	4052331.50	69.80	69.80
DISCCART	730721.38	4052381.50	69.48	69.48
DISCCART	730721.38	4052431.50	69.44	69.44
DISCCART	730721.38	4052481.50	69.73	69.73
DISCCART	730721.38	4052531.50	69.64	69.64
DISCCART	730721.38	4052581.50	69.46	69.46

DISCCART	730721.38	4052631.50	69.34	69.34
DISCCART	730721.38	4052681.50	69.19	69.19
DISCCART	730721.38	4052731.50	69.04	69.04
DISCCART	730721.38	4052781.50	68.87	68.87
DISCCART	730721.38	4052831.50	68.74	68.74
DISCCART	730721.38	4052881.50	68.56	68.56
DISCCART	730721.38	4052931.50	68.44	68.44
DISCCART	730721.38	4052981.50	68.33	68.33
DISCCART	730721.38	4053031.50	68.19	68.19
DISCCART	730721.38	4053081.50	68.06	68.06
DISCCART	730721.38	4053131.50	67.94	67.94
DISCCART	730721.38	4053181.50	67.84	67.84
DISCCART	730721.38	4053231.50	67.74	67.74
DISCCART	730721.38	4053281.50	67.60	67.60
DISCCART	730721.38	4053331.50	67.46	67.46
DISCCART	730721.38	4053381.50	67.34	67.34
DISCCART	730721.38	4053431.50	67.24	67.24
DISCCART	730721.38	4053481.50	67.14	67.14
DISCCART	730721.38	4053531.50	67.04	67.04
DISCCART	730721.38	4053581.50	66.94	66.94
DISCCART	730721.38	4053631.50	66.84	66.84
DISCCART	730721.38	4053681.50	66.74	66.74
DISCCART	730721.38	4053731.50	66.61	66.61
DISCCART	730721.38	4053781.50	66.50	66.50
DISCCART	730721.38	4053831.50	66.40	66.40
DISCCART	730721.38	4053881.50	66.34	66.34
DISCCART	730721.38	4053931.50	66.24	66.24
DISCCART	730721.38	4053981.50	66.14	66.14
DISCCART	730721.38	4054031.50	66.14	66.14
DISCCART	730721.38	4054081.50	66.04	66.04
DISCCART	730721.38	4054131.50	65.94	65.94
DISCCART	730721.38	4054181.50	65.94	65.94
DISCCART	730721.38	4054231.50	65.84	65.84
DISCCART	730721.38	4054281.50	65.84	65.84
DISCCART	730721.38	4054331.50	65.74	65.74
DISCCART	730721.38	4054381.50	65.74	65.74
DISCCART	730721.38	4054431.50	65.64	65.64
DISCCART	730721.38	4054481.50	65.64	65.64
DISCCART	730721.38	4054531.50	65.54	65.54
DISCCART	730721.38	4054581.50	65.54	65.54
DISCCART	730721.38	4054631.50	65.44	65.44
DISCCART	730721.38	4054681.50	65.40	65.40
DISCCART	730721.38	4054731.50	65.30	65.30
DISCCART	730721.38	4054781.50	65.24	65.24
DISCCART	730721.38	4054831.50	65.24	65.24
DISCCART	730721.38	4054881.50	65.24	65.24
DISCCART	730721.38	4054931.50	65.24	65.24
DISCCART	730721.38	4054981.50	65.24	65.24
DISCCART	730721.38	4055031.50	65.29	65.29
DISCCART	730721.38	4055081.50	65.34	65.34
DISCCART	730721.38	4055131.50	65.34	65.34
DISCCART	730721.38	4055181.50	65.38	65.38
DISCCART	730721.38	4055231.50	65.44	65.44
DISCCART	730721.38	4055281.50	65.44	65.44
DISCCART	730721.38	4055331.50	65.53	65.53
DISCCART	730721.38	4055381.50	65.54	65.54
DISCCART	730721.38	4055431.50	65.58	65.58
DISCCART	730721.38	4055481.50	65.67	65.67
DISCCART	730721.38	4055564.75	65.70	65.70
DISCCART	730721.38	4055648.25	65.84	65.84
DISCCART	730721.38	4055731.50	65.94	65.94
DISCCART	730820.00	4055664.75	65.34	65.34
DISCCART	730820.00	4055648.25	65.46	65.46
DISCCART	730820.00	4055731.50	65.62	65.62
DISCCART	730918.63	4055664.75	64.95	64.95
DISCCART	730918.63	4055648.25	65.14	65.14
DISCCART	730918.63	4055731.50	65.35	65.35
DISCCART	731017.19	4055664.75	64.85	64.85
DISCCART	731017.19	4055648.25	65.14	65.14
DISCCART	731017.19	4055731.50	65.14	65.14
DISCCART	731115.81	4055664.75	64.84	64.84
DISCCART	731115.81	4055648.25	64.93	64.93
DISCCART	731115.81	4055731.50	64.86	64.86
DISCCART	731214.44	4055664.75	64.64	64.64
DISCCART	731214.44	4055648.25	64.65	64.65
DISCCART	731214.44	4055731.50	64.66	64.66
DISCCART	731313.06	4055664.75	64.37	64.37
DISCCART	731313.06	4055648.25	64.44	64.44
DISCCART	731313.06	4055731.50	64.44	64.44
DISCCART	731411.63	4055664.75	64.14	64.14
DISCCART	731411.63	4055648.25	64.24	64.24
DISCCART	731411.63	4055731.50	64.28	64.28
DISCCART	731510.25	4055664.75	63.94	63.94
DISCCART	731510.25	4055648.25	64.04	64.04
DISCCART	731510.25	4055731.50	64.05	64.05
DISCCART	731608.88	4055664.75	63.74	63.74
DISCCART	731608.88	4055648.25	63.84	63.84
DISCCART	731608.88	4055731.50	63.85	63.85
DISCCART	731707.50	4055664.75	63.54	63.54
DISCCART	731707.50	4055648.25	63.64	63.64
DISCCART	731707.50	4055731.50	63.69	63.69
DISCCART	731806.13	4055664.75	63.34	63.34
DISCCART	731806.13	4055648.25	63.44	63.44
DISCCART	731806.13	4055731.50	63.50	63.50
DISCCART	731904.69	4055664.75	63.14	63.14
DISCCART	731904.69	4055648.25	63.24	63.24
DISCCART	731904.69	4055731.50	63.34	63.34
DISCCART	732003.31	4055664.75	63.02	63.02
DISCCART	732003.31	4055648.25	63.04	63.04
DISCCART	732003.31	4055731.50	63.14	63.14
DISCCART	732101.94	4055664.75	62.84	62.84
DISCCART	732101.94	4055648.25	62.88	62.88
DISCCART	732101.94	4055731.50	62.94	62.94
DISCCART	732200.56	4055664.75	62.64	62.64
DISCCART	732200.56	4055648.25	62.74	62.74
DISCCART	732200.56	4055731.50	62.77	62.77
DISCCART	732299.13	4055664.75	62.44	62.44
DISCCART	732299.13	4055648.25	62.54	62.54
DISCCART	732299.13	4055731.50	62.60	62.60
DISCCART	732397.75	4055664.75	62.25	62.25
DISCCART	732397.75	4055648.25	62.34	62.34
DISCCART	732397.75	4055731.50	62.43	62.43
DISCCART	732496.38	4055664.75	62.05	62.05
DISCCART	732496.38	4055648.25	62.14	62.14
DISCCART	732496.38	4055731.50	62.24	62.24
DISCCART	732595.00	4055664.75	61.87	61.87
DISCCART	732595.00	4055648.25	61.94	61.94
DISCCART	732595.00	4055731.50	62.04	62.04
DISCCART	732693.63	4055664.75	61.74	61.74
DISCCART	732693.63	4055648.25	61.74	61.74
DISCCART	732693.63	4055731.50	61.84	61.84
DISCCART	732792.19	4055664.75	61.54	61.54
DISCCART	732792.19	4055648.25	61.64	61.64
DISCCART	732792.19	4055731.50	61.69	61.69

DISCCART	732890.81	4055564.75	61.44	61.44
DISCCART	732890.81	4055648.25	61.44	61.44
DISCCART	732890.81	4055731.50	61.54	61.54
DISCCART	732989.44	4055564.75	61.24	61.24
DISCCART	732989.44	4055648.25	61.32	61.32
DISCCART	732989.44	4055731.50	61.34	61.34
DISCCART	733088.06	4055564.75	61.09	61.09
DISCCART	733088.06	4055648.25	61.11	61.11
DISCCART	733088.06	4055731.50	61.14	61.14
DISCCART	733186.63	4055564.75	60.92	60.92
DISCCART	733186.63	4055648.25	60.92	60.92
DISCCART	733186.63	4055731.50	60.93	60.93
DISCCART	733285.25	4055564.75	60.74	60.74
DISCCART	733285.25	4055648.25	60.74	60.74
DISCCART	733285.25	4055731.50	60.73	60.73
DISCCART	733383.88	4055564.75	60.54	60.54
DISCCART	733383.88	4055648.25	60.54	60.54
DISCCART	733383.88	4055731.50	60.54	60.54
DISCCART	733482.50	4055564.75	60.40	60.40
DISCCART	733482.50	4055648.25	60.38	60.38
DISCCART	733482.50	4055731.50	60.34	60.34
DISCCART	733581.13	4055564.75	60.24	60.24
DISCCART	733581.13	4055648.25	60.24	60.24
DISCCART	733581.13	4055731.50	60.16	60.16
DISCCART	733679.69	4055564.75	60.04	60.04
DISCCART	733679.69	4055648.25	60.04	60.04
DISCCART	733679.69	4055731.50	60.04	60.04
DISCCART	733778.31	4055564.75	59.85	59.85
DISCCART	733778.31	4055648.25	59.84	59.84
DISCCART	733778.31	4055731.50	59.84	59.84
DISCCART	733876.94	4055564.75	59.72	59.72
DISCCART	733876.94	4055648.25	59.64	59.64
DISCCART	733876.94	4055731.50	59.64	59.64
DISCCART	733975.56	4055564.75	59.53	59.53
DISCCART	733975.56	4055648.25	59.45	59.45
DISCCART	733975.56	4055731.50	59.46	59.46
DISCCART	734074.13	4055564.75	59.34	59.34
DISCCART	734074.13	4055648.25	59.34	59.34
DISCCART	734074.13	4055731.50	59.26	59.26
DISCCART	734172.75	4055564.75	59.14	59.14
DISCCART	734172.75	4055648.25	59.14	59.14
DISCCART	734172.75	4055731.50	59.14	59.14
DISCCART	734271.38	4055564.75	58.94	58.94
DISCCART	734271.38	4055648.25	58.94	58.94
DISCCART	734271.38	4055731.50	58.94	58.94
DISCCART	734104.69	4055481.50	59.26	59.26
DISCCART	734104.69	4055383.00	59.34	59.34
DISCCART	734104.69	4055284.25	59.34	59.34
DISCCART	734104.69	4055185.75	59.44	59.44
DISCCART	734104.69	4055087.00	59.44	59.44
DISCCART	734104.69	4054988.50	59.54	59.54
DISCCART	734104.69	4054889.75	59.55	59.55
DISCCART	734104.69	4054791.25	59.64	59.64
DISCCART	734104.69	4054692.50	59.74	59.74
DISCCART	734104.69	4054594.00	59.78	59.78
DISCCART	734104.69	4054495.50	59.84	59.84
DISCCART	734104.69	4054396.75	59.94	59.94
DISCCART	734104.69	4054298.25	60.04	60.04
DISCCART	734104.69	4054199.50	60.14	60.14
DISCCART	734104.69	4054101.00	60.22	60.22
DISCCART	734104.69	4054002.25	60.34	60.34
DISCCART	734104.69	4053903.75	60.44	60.44
DISCCART	734104.69	4053805.00	60.54	60.54
DISCCART	734104.69	4053706.50	60.66	60.66
DISCCART	734104.69	4053608.00	60.84	60.84
DISCCART	734104.69	4053509.25	60.94	60.94
DISCCART	734104.69	4053410.75	61.05	61.05
DISCCART	734104.69	4053312.00	61.24	61.24
DISCCART	734104.69	4053213.50	61.34	61.34
DISCCART	734104.69	4053114.75	61.54	61.54
DISCCART	734104.69	4053016.25	61.64	61.64
DISCCART	734104.69	4052917.50	61.76	61.76
DISCCART	734104.69	4052819.00	62.04	62.04
DISCCART	734104.69	4052720.50	62.33	62.33
DISCCART	734104.69	4052621.75	62.64	62.64
DISCCART	734104.69	4052523.25	62.94	62.94
DISCCART	734104.69	4052424.50	63.24	63.24
DISCCART	734104.69	4052326.00	63.54	63.54
DISCCART	734104.69	4052227.25	63.76	63.76
DISCCART	734104.69	4052128.75	64.04	64.04
DISCCART	734104.69	4052030.00	64.24	64.24
DISCCART	734104.69	4051931.50	64.49	64.49
DISCCART	734188.06	4055481.50	59.14	59.14
DISCCART	734188.06	4055383.00	59.14	59.14
DISCCART	734188.06	4055284.25	59.24	59.24
DISCCART	734188.06	4055185.75	59.24	59.24
DISCCART	734188.06	4055087.00	59.34	59.34
DISCCART	734188.06	4054988.50	59.35	59.35
DISCCART	734188.06	4054889.75	59.44	59.44
DISCCART	734188.06	4054791.25	59.52	59.52
DISCCART	734188.06	4054692.50	59.55	59.55
DISCCART	734188.06	4054594.00	59.64	59.64
DISCCART	734188.06	4054495.50	59.74	59.74
DISCCART	734188.06	4054396.75	59.84	59.84
DISCCART	734188.06	4054298.25	59.93	59.93
DISCCART	734188.06	4054199.50	60.01	60.01
DISCCART	734188.06	4054101.00	60.12	60.12
DISCCART	734188.06	4054002.25	60.22	60.22
DISCCART	734188.06	4053903.75	60.31	60.31
DISCCART	734188.06	4053805.00	60.44	60.44
DISCCART	734188.06	4053706.50	60.54	60.54
DISCCART	734188.06	4053608.00	60.65	60.65
DISCCART	734188.06	4053509.25	60.82	60.82
DISCCART	734188.06	4053410.75	60.94	60.94
DISCCART	734188.06	4053312.00	61.10	61.10
DISCCART	734188.06	4053213.50	61.24	61.24
DISCCART	734188.06	4053114.75	61.36	61.36
DISCCART	734188.06	4053016.25	61.54	61.54
DISCCART	734188.06	4052917.50	61.69	61.69
DISCCART	734188.06	4052819.00	61.88	61.88
DISCCART	734188.06	4052720.50	62.17	62.17
DISCCART	734188.06	4052621.75	62.49	62.49
DISCCART	734188.06	4052523.25	62.84	62.84
DISCCART	734188.06	4052424.50	63.14	63.14
DISCCART	734188.06	4052326.00	63.41	63.41
DISCCART	734188.06	4052227.25	63.64	63.64
DISCCART	734188.06	4052128.75	63.90	63.90
DISCCART	734188.06	4052030.00	64.14	64.14
DISCCART	734188.06	4051931.50	64.39	64.39
DISCCART	734271.38	4055481.50	58.98	58.98
DISCCART	734271.38	4055383.00	59.04	59.04
DISCCART	734271.38	4055284.25	59.04	59.04
DISCCART	734271.38	4055185.75	59.14	59.14
DISCCART	734271.38	4055087.00	59.15	59.15

DISCCART	734271.38	4054988.50	59.24	59.24
DISCCART	734271.38	4054889.75	59.29	59.29
DISCCART	734271.38	4054791.25	59.34	59.34
DISCCART	734271.38	4054692.50	59.44	59.44
DISCCART	734271.38	4054594.00	59.54	59.54
DISCCART	734271.38	4054495.50	59.59	59.59
DISCCART	734271.38	4054396.75	59.67	59.67
DISCCART	734271.38	4054298.25	59.74	59.74
DISCCART	734271.38	4054199.50	59.84	59.84
DISCCART	734271.38	4054101.00	59.96	59.96
DISCCART	734271.38	4054002.25	60.06	60.06
DISCCART	734271.38	4053903.75	60.18	60.18
DISCCART	734271.38	4053805.00	60.33	60.33
DISCCART	734271.38	4053706.50	60.44	60.44
DISCCART	734271.38	4053608.00	60.54	60.54
DISCCART	734271.38	4053509.25	60.64	60.64
DISCCART	734271.38	4053410.75	60.84	60.84
DISCCART	734271.38	4053312.00	60.94	60.94
DISCCART	734271.38	4053213.50	61.14	61.14
DISCCART	734271.38	4053114.75	61.24	61.24
DISCCART	734271.38	4053016.25	61.44	61.44
DISCCART	734271.38	4052917.50	61.57	61.57
DISCCART	734271.38	4052819.00	61.74	61.74
DISCCART	734271.38	4052720.50	62.04	62.04
DISCCART	734271.38	4052621.75	62.36	62.36
DISCCART	734271.38	4052523.25	62.67	62.67
DISCCART	734271.38	4052424.50	62.98	62.98
DISCCART	734271.38	4052326.00	63.25	63.25
DISCCART	734271.38	4052227.25	63.54	63.54
DISCCART	734271.38	4052128.75	63.77	63.77
DISCCART	734271.38	4052030.00	64.04	64.04
DISCCART	734271.38	4051931.50	64.25	64.25
DISCCART	734021.38	4052098.25	64.24	64.24
DISCCART	734021.38	4052014.75	64.43	64.43
DISCCART	734021.38	4051931.50	64.64	64.64
DISCCART	733922.75	4052098.25	64.42	64.42
DISCCART	733922.75	4052014.75	64.57	64.57
DISCCART	733922.75	4051931.50	64.74	64.74
DISCCART	733824.13	4052098.25	64.60	64.60
DISCCART	733824.13	4052014.75	64.77	64.77
DISCCART	733824.13	4051931.50	65.03	65.03
DISCCART	733725.56	4052098.25	64.84	64.84
DISCCART	733725.56	4052014.75	65.04	65.04
DISCCART	733725.56	4051931.50	65.33	65.33
DISCCART	733626.94	4052098.25	65.05	65.05
DISCCART	733626.94	4052014.75	65.34	65.34
DISCCART	733626.94	4051931.50	65.57	65.57
DISCCART	733528.31	4052098.25	65.23	65.23
DISCCART	733528.31	4052014.75	65.54	65.54
DISCCART	733528.31	4051931.50	65.82	65.82
DISCCART	733429.69	4052098.25	65.42	65.42
DISCCART	733429.69	4052014.75	65.74	65.74
DISCCART	733429.69	4051931.50	66.01	66.01
DISCCART	733331.13	4052098.25	65.71	65.71
DISCCART	733331.13	4052014.75	65.99	65.99
DISCCART	733331.13	4051931.50	66.24	66.24
DISCCART	733232.50	4052098.25	66.02	66.02
DISCCART	733232.50	4052014.75	66.28	66.28
DISCCART	733232.50	4051931.50	66.55	66.55
DISCCART	733133.88	4052098.25	66.34	66.34
DISCCART	733133.88	4052014.75	66.64	66.64
DISCCART	733133.88	4051931.50	66.94	66.94
DISCCART	733035.25	4052098.25	66.59	66.59
DISCCART	733035.25	4052014.75	66.94	66.94
DISCCART	733035.25	4051931.50	67.29	67.29
DISCCART	732936.63	4052098.25	66.85	66.85
DISCCART	732936.63	4052014.75	67.22	67.22
DISCCART	732936.63	4051931.50	67.58	67.58
DISCCART	732838.06	4052098.25	67.14	67.14
DISCCART	732838.06	4052014.75	67.45	67.45
DISCCART	732838.06	4051931.50	67.84	67.84
DISCCART	732739.44	4052098.25	67.41	67.41
DISCCART	732739.44	4052014.75	67.73	67.73
DISCCART	732739.44	4051931.50	68.18	68.18
DISCCART	732640.81	4052098.25	67.67	67.67
DISCCART	732640.81	4052014.75	68.04	68.04
DISCCART	732640.81	4051931.50	68.60	68.60
DISCCART	732542.19	4052098.25	67.97	67.97
DISCCART	732542.19	4052014.75	68.48	68.48
DISCCART	732542.19	4051931.50	69.05	69.05
DISCCART	732443.63	4052098.25	68.41	68.41
DISCCART	732443.63	4052014.75	68.93	68.93
DISCCART	732443.63	4051931.50	69.38	69.38
DISCCART	732345.00	4052098.25	68.75	68.75
DISCCART	732345.00	4052014.75	69.24	69.24
DISCCART	732345.00	4051931.50	69.77	69.77
DISCCART	732246.38	4052098.25	69.10	69.10
DISCCART	732246.38	4052014.75	69.60	69.60
DISCCART	732246.38	4051931.50	70.12	70.12
DISCCART	732147.75	4052098.25	69.43	69.43
DISCCART	732147.75	4052014.75	69.95	69.95
DISCCART	732147.75	4051931.50	70.56	70.56
DISCCART	732049.13	4052098.25	69.71	69.71
DISCCART	732049.13	4052014.75	70.24	70.24
DISCCART	732049.13	4051931.50	70.87	70.87
DISCCART	731950.56	4052098.25	69.90	69.90
DISCCART	731950.56	4052014.75	70.52	70.52
DISCCART	731950.56	4051931.50	71.08	71.08
DISCCART	731851.94	4052098.25	70.07	70.07
DISCCART	731851.94	4052014.75	70.68	70.68
DISCCART	731851.94	4051931.50	71.18	71.18
DISCCART	731753.31	4052098.25	70.20	70.20
DISCCART	731753.31	4052014.75	70.83	70.83
DISCCART	731753.31	4051931.50	71.27	71.27
DISCCART	731654.69	4052098.25	70.31	70.31
DISCCART	731654.69	4052014.75	70.86	70.86
DISCCART	731654.69	4051931.50	71.35	71.35
DISCCART	731556.13	4052098.25	70.45	70.45
DISCCART	731556.13	4052014.75	70.96	70.96
DISCCART	731556.13	4051931.50	71.43	71.43
DISCCART	731457.50	4052098.25	70.56	70.56
DISCCART	731457.50	4052014.75	71.05	71.05
DISCCART	731457.50	4051931.50	71.48	71.48
DISCCART	731358.88	4052098.25	70.65	70.65
DISCCART	731358.88	4052014.75	71.13	71.13
DISCCART	731358.88	4051931.50	71.54	71.54
DISCCART	731260.25	4052098.25	70.71	70.71
DISCCART	731260.25	4052014.75	71.14	71.14
DISCCART	731260.25	4051931.50	71.40	71.40
DISCCART	731161.63	4052098.25	70.74	70.74
DISCCART	731161.63	4052014.75	70.95	70.95
DISCCART	731161.63	4051931.50	70.99	70.99
DISCCART	731063.06	4052098.25	70.80	70.80
DISCCART	731063.06	4052014.75	71.25	71.25

DISCCART	731063.06	4051931.50	71.47	71.47
DISCCART	730964.44	4052098.25	70.90	70.90
DISCCART	730964.44	4052014.75	71.33	71.33
DISCCART	730964.44	4051931.50	71.66	71.66
DISCCART	730865.81	4052098.25	70.95	70.95
DISCCART	730865.81	4052014.75	71.35	71.35
DISCCART	730865.81	4051931.50	71.77	71.77
DISCCART	730767.19	4052098.25	71.05	71.05
DISCCART	730767.19	4052014.75	71.46	71.46
DISCCART	730767.19	4051931.50	71.83	71.83
DISCCART	730668.63	4052098.25	71.15	71.15
DISCCART	730668.63	4052014.75	71.52	71.52
DISCCART	730668.63	4051931.50	71.94	71.94
DISCCART	730570.00	4052098.25	71.20	71.20
DISCCART	730570.00	4052014.75	71.55	71.55
DISCCART	730570.00	4051931.50	71.96	71.96
DISCCART	730471.38	4052098.25	71.24	71.24
DISCCART	730471.38	4052014.75	71.40	71.40
DISCCART	730471.38	4051931.50	71.98	71.98
DISCCART	730638.06	4052181.50	70.76	70.76
DISCCART	730638.06	4052280.00	70.32	70.32
DISCCART	730638.06	4052378.75	69.75	69.75
DISCCART	730638.06	4052477.25	69.84	69.84
DISCCART	730638.06	4052576.00	69.62	69.62
DISCCART	730638.06	4052674.50	69.34	69.34
DISCCART	730638.06	4052773.25	69.04	69.04
DISCCART	730638.06	4052871.75	68.74	68.74
DISCCART	730638.06	4052970.50	68.47	68.47
DISCCART	730638.06	4053069.00	68.24	68.24
DISCCART	730638.06	4053167.50	68.04	68.04
DISCCART	730638.06	4053266.25	67.83	67.83
DISCCART	730638.06	4053364.75	67.55	67.55
DISCCART	730638.06	4053463.50	67.34	67.34
DISCCART	730638.06	4053562.00	67.15	67.15
DISCCART	730638.06	4053660.75	66.94	66.94
DISCCART	730638.06	4053759.25	66.74	66.74
DISCCART	730638.06	4053858.00	66.53	66.53
DISCCART	730638.06	4053956.50	66.37	66.37
DISCCART	730638.06	4054055.00	66.22	66.22
DISCCART	730638.06	4054153.75	66.06	66.06
DISCCART	730638.06	4054252.25	65.95	65.95
DISCCART	730638.06	4054351.00	65.84	65.84
DISCCART	730638.06	4054449.50	65.75	65.75
DISCCART	730638.06	4054548.25	65.69	65.69
DISCCART	730638.06	4054646.75	65.64	65.64
DISCCART	730638.06	4054745.50	65.55	65.55
DISCCART	730638.06	4054844.00	65.54	65.54
DISCCART	730638.06	4054942.50	65.53	65.53
DISCCART	730638.06	4055041.25	65.55	65.55
DISCCART	730638.06	4055139.75	65.63	65.63
DISCCART	730638.06	4055238.50	65.64	65.64
DISCCART	730638.06	4055337.00	65.75	65.75
DISCCART	730638.06	4055435.75	65.85	65.85
DISCCART	730638.06	4055534.25	65.95	65.95
DISCCART	730638.06	4055633.00	66.05	66.05
DISCCART	730638.06	4055731.50	66.14	66.14
DISCCART	730554.69	4052181.50	70.84	70.84
DISCCART	730554.69	4052280.00	70.53	70.53
DISCCART	730554.69	4052378.75	70.27	70.27
DISCCART	730554.69	4052477.25	69.91	69.91
DISCCART	730554.69	4052576.00	69.72	69.72
DISCCART	730554.69	4052674.50	69.44	69.44
DISCCART	730554.69	4052773.25	69.15	69.15
DISCCART	730554.69	4052871.75	68.89	68.89
DISCCART	730554.69	4052970.50	68.64	68.64
DISCCART	730554.69	4053069.00	68.40	68.40
DISCCART	730554.69	4053167.50	68.15	68.15
DISCCART	730554.69	4053266.25	67.97	67.97
DISCCART	730554.69	4053364.75	67.74	67.74
DISCCART	730554.69	4053463.50	67.54	67.54
DISCCART	730554.69	4053562.00	67.33	67.33
DISCCART	730554.69	4053660.75	67.14	67.14
DISCCART	730554.69	4053759.25	66.89	66.89
DISCCART	730554.69	4053858.00	66.74	66.74
DISCCART	730554.69	4053956.50	66.55	66.55
DISCCART	730554.69	4054055.00	66.34	66.34
DISCCART	730554.69	4054153.75	66.25	66.25
DISCCART	730554.69	4054252.25	66.14	66.14
DISCCART	730554.69	4054351.00	66.04	66.04
DISCCART	730554.69	4054449.50	65.94	65.94
DISCCART	730554.69	4054548.25	65.84	65.84
DISCCART	730554.69	4054646.75	65.74	65.74
DISCCART	730554.69	4054745.50	65.84	65.84
DISCCART	730554.69	4054844.00	65.84	65.84
DISCCART	730554.69	4054942.50	65.84	65.84
DISCCART	730554.69	4055041.25	65.84	65.84
DISCCART	730554.69	4055139.75	65.84	65.84
DISCCART	730554.69	4055238.50	65.94	65.94
DISCCART	730554.69	4055337.00	66.03	66.03
DISCCART	730554.69	4055435.75	66.13	66.13
DISCCART	730554.69	4055534.25	66.24	66.24
DISCCART	730554.69	4055633.00	66.28	66.28
DISCCART	730554.69	4055731.50	66.43	66.43
DISCCART	730471.38	4052181.50	70.88	70.88
DISCCART	730471.38	4052280.00	70.58	70.58
DISCCART	730471.38	4052378.75	70.34	70.34
DISCCART	730471.38	4052477.25	70.07	70.07
DISCCART	730471.38	4052576.00	69.81	69.81
DISCCART	730471.38	4052674.50	69.54	69.54
DISCCART	730471.38	4052773.25	69.24	69.24
DISCCART	730471.38	4052871.75	69.03	69.03
DISCCART	730471.38	4052970.50	68.76	68.76
DISCCART	730471.38	4053069.00	68.54	68.54
DISCCART	730471.38	4053167.50	68.34	68.34
DISCCART	730471.38	4053266.25	68.14	68.14
DISCCART	730471.38	4053364.75	67.94	67.94
DISCCART	730471.38	4053463.50	67.74	67.74
DISCCART	730471.38	4053562.00	67.50	67.50
DISCCART	730471.38	4053660.75	67.34	67.34
DISCCART	730471.38	4053759.25	67.08	67.08
DISCCART	730471.38	4053858.00	66.92	66.92
DISCCART	730471.38	4053956.50	66.73	66.73
DISCCART	730471.38	4054055.00	66.50	66.50
DISCCART	730471.38	4054153.75	66.34	66.34
DISCCART	730471.38	4054252.25	66.24	66.24
DISCCART	730471.38	4054351.00	66.14	66.14
DISCCART	730471.38	4054449.50	66.04	66.04
DISCCART	730471.38	4054548.25	65.94	65.94
DISCCART	730471.38	4054646.75	65.88	65.88
DISCCART	730471.38	4054745.50	66.03	66.03
DISCCART	730471.38	4054844.00	66.05	66.05
DISCCART	730471.38	4054942.50	66.08	66.08
DISCCART	730471.38	4055041.25	66.04	66.04
DISCCART	730471.38	4055139.75	66.14	66.14

DISCCART	730471.38	4055238.50	66.14	66.14
DISCCART	730471.38	4055337.00	66.24	66.24
DISCCART	730471.38	4055435.75	66.34	66.34
DISCCART	730471.38	4055534.25	66.37	66.37
DISCCART	730471.38	4055633.00	66.54	66.54
DISCCART	730471.38	4055731.50	66.64	66.64
DISCCART	730471.38	4055981.50	66.84	66.84
DISCCART	730471.38	4056231.50	67.02	67.02
DISCCART	730710.25	4055981.50	66.14	66.14
DISCCART	730710.25	4056231.50	66.26	66.26
DISCCART	730949.13	4055981.50	65.53	65.53
DISCCART	730949.13	4056231.50	65.73	65.73
DISCCART	731188.06	4055981.50	64.94	64.94
DISCCART	731188.06	4056231.50	65.20	65.20
DISCCART	731426.94	4055981.50	64.44	64.44
DISCCART	731426.94	4056231.50	64.71	64.71
DISCCART	731665.81	4055981.50	64.02	64.02
DISCCART	731665.81	4056231.50	64.23	64.23
DISCCART	731904.69	4055981.50	63.54	63.54
DISCCART	731904.69	4056231.50	63.74	63.74
DISCCART	732143.63	4055981.50	63.07	63.07
DISCCART	732143.63	4056231.50	63.33	63.33
DISCCART	732382.50	4055981.50	62.64	62.64
DISCCART	732382.50	4056231.50	62.81	62.81
DISCCART	732621.38	4055981.50	62.15	62.15
DISCCART	732621.38	4056231.50	62.24	62.24
DISCCART	732860.25	4055981.50	61.74	61.74
DISCCART	732860.25	4056231.50	61.73	61.73
DISCCART	733099.13	4055981.50	61.14	61.14
DISCCART	733099.13	4056231.50	61.14	61.14
DISCCART	733338.06	4055981.50	60.54	60.54
DISCCART	733338.06	4056231.50	60.54	60.54
DISCCART	733576.94	4055981.50	60.15	60.15
DISCCART	733576.94	4056231.50	60.14	60.14
DISCCART	733815.81	4055981.50	59.74	59.74
DISCCART	733815.81	4056231.50	59.74	59.74
DISCCART	734054.69	4055981.50	59.27	59.27
DISCCART	734054.69	4056231.50	59.24	59.24
DISCCART	734293.63	4055981.50	58.84	58.84
DISCCART	734293.63	4056231.50	58.77	58.77
DISCCART	734532.50	4055981.50	58.42	58.42
DISCCART	734532.50	4056231.50	58.34	58.34
DISCCART	734771.38	4055981.50	57.92	57.92
DISCCART	734771.38	4056231.50	57.82	57.82
DISCCART	734521.38	4055731.50	58.44	58.44
DISCCART	734521.38	4055492.50	58.54	58.54
DISCCART	734521.38	4055253.75	58.64	58.64
DISCCART	734521.38	4055014.75	58.77	58.77
DISCCART	734521.38	4054776.00	58.94	58.94
DISCCART	734521.38	4054537.00	59.14	59.14
DISCCART	734521.38	4054298.25	59.39	59.39
DISCCART	734521.38	4054059.25	59.64	59.64
DISCCART	734521.38	4053820.50	59.94	59.94
DISCCART	734521.38	4053581.50	60.14	60.14
DISCCART	734521.38	4053342.50	60.54	60.54
DISCCART	734521.38	4053103.75	60.94	60.94
DISCCART	734521.38	4052864.75	61.44	61.44
DISCCART	734521.38	4052626.00	61.97	61.97
DISCCART	734521.38	4052387.00	62.65	62.65
DISCCART	734521.38	4052148.25	63.24	63.24
DISCCART	734521.38	4051909.25	63.92	63.92
DISCCART	734521.38	4051670.50	64.64	64.64
DISCCART	734521.38	4051431.50	65.44	65.44
DISCCART	734771.38	4055731.50	58.01	58.01
DISCCART	734771.38	4055492.50	58.12	58.12
DISCCART	734771.38	4055253.75	58.32	58.32
DISCCART	734771.38	4055014.75	58.42	58.42
DISCCART	734771.38	4054776.00	58.52	58.52
DISCCART	734771.38	4054537.00	58.72	58.72
DISCCART	734771.38	4054298.25	59.02	59.02
DISCCART	734771.38	4054059.25	59.32	59.32
DISCCART	734771.38	4053820.50	59.52	59.52
DISCCART	734771.38	4053581.50	59.82	59.82
DISCCART	734771.38	4053342.50	60.13	60.13
DISCCART	734771.38	4053103.75	60.63	60.63
DISCCART	734771.38	4052864.75	61.13	61.13
DISCCART	734771.38	4052626.00	61.61	61.61
DISCCART	734771.38	4052387.00	62.21	62.21
DISCCART	734771.38	4052148.25	62.83	62.83
DISCCART	734771.38	4051909.25	63.36	63.36
DISCCART	734771.38	4051670.50	64.22	64.22
DISCCART	734771.38	4051431.50	64.95	64.95
DISCCART	734271.38	4051681.50	65.04	65.04
DISCCART	734271.38	4051431.50	65.93	65.93
DISCCART	734032.50	4051681.50	65.53	65.53
DISCCART	734032.50	4051431.50	66.54	66.54
DISCCART	733793.63	4051681.50	66.08	66.08
DISCCART	733793.63	4051431.50	67.04	67.04
DISCCART	733554.69	4051681.50	66.64	66.64
DISCCART	733554.69	4051431.50	67.55	67.55
DISCCART	733315.81	4051681.50	67.29	67.29
DISCCART	733315.81	4051431.50	68.38	68.38
DISCCART	733076.94	4051681.50	68.23	68.23
DISCCART	733076.94	4051431.50	69.52	69.52
DISCCART	732838.06	4051681.50	69.46	69.46
DISCCART	732838.06	4051431.50	70.52	70.52
DISCCART	732599.13	4051681.50	70.26	70.26
DISCCART	732599.13	4051431.50	71.52	71.52
DISCCART	732360.25	4051681.50	71.11	71.11
DISCCART	732360.25	4051431.50	72.48	72.48
DISCCART	732121.38	4051681.50	72.05	72.05
DISCCART	732121.38	4051431.50	73.14	73.14
DISCCART	731882.50	4051681.50	72.54	72.54
DISCCART	731882.50	4051431.50	73.64	73.64
DISCCART	731643.63	4051681.50	72.74	72.74
DISCCART	731643.63	4051431.50	73.93	73.93
DISCCART	731404.69	4051681.50	72.73	72.73
DISCCART	731404.69	4051431.50	74.04	74.04
DISCCART	731165.81	4051681.50	72.53	72.53
DISCCART	731165.81	4051431.50	74.05	74.05
DISCCART	730926.94	4051681.50	72.93	72.93
DISCCART	730926.94	4051431.50	74.13	74.13
DISCCART	730688.06	4051681.50	73.03	73.03
DISCCART	730688.06	4051431.50	74.16	74.16
DISCCART	730449.13	4051681.50	72.78	72.78
DISCCART	730449.13	4051431.50	74.18	74.18
DISCCART	730210.25	4051681.50	73.13	73.13
DISCCART	730210.25	4051431.50	74.27	74.27
DISCCART	729971.38	4051681.50	73.34	73.34
DISCCART	729971.38	4051431.50	74.40	74.40
DISCCART	730221.38	4051931.50	72.17	72.17
DISCCART	730221.38	4052170.50	71.17	71.17
DISCCART	730221.38	4052409.25	70.46	70.46
DISCCART	730221.38	4052648.25	69.90	69.90

DISCCART	730221.38	4052887.00	69.32	69.32
DISCCART	730221.38	4053126.00	68.84	68.84
DISCCART	730221.38	4053364.75	68.34	68.34
DISCCART	730221.38	4053603.75	67.92	67.92
DISCCART	730221.38	4053842.50	67.44	67.44
DISCCART	730221.38	4054081.50	67.04	67.04
DISCCART	730221.38	4054320.50	66.66	66.66
DISCCART	730221.38	4054559.25	66.34	66.34
DISCCART	730221.38	4054798.25	66.39	66.39
DISCCART	730221.38	4055037.00	66.58	66.58
DISCCART	730221.38	4055276.00	66.68	66.68
DISCCART	730221.38	4055514.75	67.14	67.14
DISCCART	730221.38	4055753.75	67.39	67.39
DISCCART	730221.38	4055992.50	67.64	67.64
DISCCART	730221.38	4056231.50	67.83	67.83
DISCCART	729971.38	4051931.50	72.34	72.34
DISCCART	729971.38	4052170.50	71.51	71.51
DISCCART	729971.38	4052409.25	70.75	70.75
DISCCART	729971.38	4052648.25	70.24	70.24
DISCCART	729971.38	4052887.00	69.74	69.74
DISCCART	729971.38	4053126.00	69.24	69.24
DISCCART	729971.38	4053364.75	68.83	68.83
DISCCART	729971.38	4053603.75	68.39	68.39
DISCCART	729971.38	4053842.50	67.94	67.94
DISCCART	729971.38	4054081.50	67.61	67.61
DISCCART	729971.38	4054320.50	67.34	67.34
DISCCART	729971.38	4054559.25	67.19	67.19
DISCCART	729971.38	4054798.25	67.24	67.24
DISCCART	729971.38	4055037.00	67.46	67.46
DISCCART	729971.38	4055276.00	67.74	67.74
DISCCART	729971.38	4055514.75	68.03	68.03
DISCCART	729971.38	4055753.75	68.24	68.24
DISCCART	729971.38	4055992.50	68.44	68.44
DISCCART	729971.38	4056231.50	68.66	68.66
DISCCART	729971.38	4056731.50	68.95	68.95
DISCCART	729971.38	4057231.50	69.46	69.46
DISCCART	730454.69	4056731.50	67.64	67.64
DISCCART	730454.69	4057231.50	67.94	67.94
DISCCART	730938.06	4056731.50	66.06	66.06
DISCCART	730938.06	4057231.50	66.26	66.26
DISCCART	731421.38	4056731.50	64.96	64.96
DISCCART	731421.38	4057231.50	65.26	65.26
DISCCART	731904.69	4056731.50	63.84	63.84
DISCCART	731904.69	4057231.50	63.84	63.84
DISCCART	732388.06	4056731.50	62.96	62.96
DISCCART	732388.06	4057231.50	63.17	63.17
DISCCART	732871.38	4056731.50	61.70	61.70
DISCCART	732871.38	4057231.50	61.76	61.76
DISCCART	733354.69	4056731.50	60.56	60.56
DISCCART	733354.69	4057231.50	60.45	60.45
DISCCART	733838.06	4056731.50	59.56	59.56
DISCCART	733838.06	4057231.50	59.46	59.46
DISCCART	734321.38	4056731.50	58.86	58.86
DISCCART	734321.38	4057231.50	58.65	58.65
DISCCART	734804.69	4056731.50	57.76	57.76
DISCCART	734804.69	4057231.50	57.66	57.66
DISCCART	735288.06	4056731.50	56.56	56.56
DISCCART	735288.06	4057231.50	56.92	56.92
DISCCART	735771.38	4056731.50	55.46	55.46
DISCCART	735771.38	4057231.50	55.96	55.96
DISCCART	735271.38	4056231.50	56.81	56.81
DISCCART	735271.38	4055748.25	57.16	57.16
DISCCART	735271.38	4055264.75	57.61	57.61
DISCCART	735271.38	4054781.50	58.01	58.01
DISCCART	735271.38	4054298.25	58.41	58.41
DISCCART	735271.38	4053814.75	58.71	58.71
DISCCART	735271.38	4053331.50	59.51	59.51
DISCCART	735271.38	4052848.25	60.48	60.48
DISCCART	735271.38	4052364.75	61.62	61.62
DISCCART	735271.38	4051881.50	63.00	63.00
DISCCART	735271.38	4051398.25	64.46	64.46
DISCCART	735271.38	4050914.75	66.23	66.23
DISCCART	735271.38	4050431.50	68.75	68.75
DISCCART	735771.38	4056231.50	55.61	55.61
DISCCART	735771.38	4055748.25	56.31	56.31
DISCCART	735771.38	4055264.75	56.99	56.99
DISCCART	735771.38	4054781.50	57.40	57.40
DISCCART	735771.38	4054298.25	57.71	57.71
DISCCART	735771.38	4053814.75	58.15	58.15
DISCCART	735771.38	4053331.50	58.91	58.91
DISCCART	735771.38	4052848.25	59.81	59.81
DISCCART	735771.38	4052364.75	61.00	61.00
DISCCART	735771.38	4051881.50	62.34	62.34
DISCCART	735771.38	4051398.25	63.80	63.80
DISCCART	735771.38	4050914.75	65.59	65.59
DISCCART	735771.38	4050431.50	67.74	67.74
DISCCART	734771.38	4050931.50	66.99	66.99
DISCCART	734771.38	4050431.50	69.49	69.49
DISCCART	734288.06	4050931.50	67.82	67.82
DISCCART	734288.06	4050431.50	70.92	70.92
DISCCART	733804.69	4050931.50	68.98	68.98
DISCCART	733804.69	4050431.50	72.19	72.19
DISCCART	733321.38	4050931.50	71.02	71.02
DISCCART	733321.38	4050431.50	73.75	73.75
DISCCART	732838.06	4050931.50	73.22	73.22
DISCCART	732838.06	4050431.50	75.57	75.57
DISCCART	732354.69	4050931.50	74.65	74.65
DISCCART	732354.69	4050431.50	77.39	77.39
DISCCART	731871.38	4050931.50	75.97	75.97
DISCCART	731871.38	4050431.50	78.64	78.64
DISCCART	731388.06	4050931.50	76.83	76.83
DISCCART	731388.06	4050431.50	80.02	80.02
DISCCART	730904.69	4050931.50	77.27	77.27
DISCCART	730904.69	4050431.50	80.78	80.78
DISCCART	730421.38	4050931.50	76.86	76.86
DISCCART	730421.38	4050431.50	80.10	80.10
DISCCART	729938.06	4050931.50	77.28	77.28
DISCCART	729938.06	4050431.50	80.37	80.37
DISCCART	729454.69	4050931.50	77.29	77.29
DISCCART	729454.69	4050431.50	80.75	80.75
DISCCART	728971.38	4050931.50	78.35	78.35
DISCCART	728971.38	4050431.50	81.77	81.77
DISCCART	729471.38	4051431.50	74.90	74.90
DISCCART	729471.38	4051914.75	72.98	72.98
DISCCART	729471.38	4052398.25	71.78	71.78
DISCCART	729471.38	4052881.50	70.79	70.79
DISCCART	729471.38	4053364.75	69.94	69.94
DISCCART	729471.38	4053848.25	69.17	69.17
DISCCART	729471.38	4054331.50	68.79	68.79
DISCCART	729471.38	4054814.75	68.98	68.98
DISCCART	729471.38	4055298.25	69.54	69.54
DISCCART	729471.38	4055781.50	69.84	69.84
DISCCART	729471.38	4056264.75	70.16	70.16
DISCCART	729471.38	4056748.25	70.46	70.46

DISCCART	729471.38	4057231.50	70.90	70.90
DISCCART	728971.38	4051431.50	76.34	76.34
DISCCART	728971.38	4051914.75	74.79	74.79
DISCCART	728971.38	4052398.25	73.44	73.44
DISCCART	728971.38	4052881.50	72.43	72.43
DISCCART	728971.38	4053364.75	71.79	71.79
DISCCART	728971.38	4053848.25	71.09	71.09
DISCCART	728971.38	4054331.50	70.58	70.58
DISCCART	728971.38	4054814.75	70.64	70.64
DISCCART	728971.38	4055298.25	70.99	70.99
DISCCART	728971.38	4055781.50	71.38	71.38
DISCCART	728971.38	4056264.75	71.71	71.71
DISCCART	728971.38	4056748.25	72.16	72.16
DISCCART	728971.38	4057231.50	72.96	72.96
** DESCRREC "FENCEINT" "Cartesian plant boundary Intermediate Receptors"				
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
** DESCRREC "FENCEPR1" "Cartesian plant boundary Primary Receptors"				
DISCCART	731816.90	4054769.34	64.74	64.74
DISCCART	731900.30	4054798.88	62.94	62.94
DISCCART	731929.72	4054094.66	63.24	63.24
DISCCART	731216.10	4054065.49	64.94	64.94
** DESCRREC "FENCEINT" "Cartesian plant boundary Intermediate Receptors"				
DISCCART	731211.50	4054770.36	64.64	64.64
DISCCART	731236.10	4054771.38	64.56	64.56
DISCCART	731260.70	4054772.40	64.47	64.47
DISCCART	731285.30	4054773.41	64.38	64.38
DISCCART	731309.90	4054774.43	64.24	64.24
DISCCART	731334.50	4054775.45	64.16	64.16
DISCCART	731359.10	4054776.47	64.08	64.08
DISCCART	731383.70	4054777.49	63.96	63.96
DISCCART	731408.30	4054778.51	63.84	63.84
DISCCART	731432.90	4054779.53	63.75	63.75
DISCCART	731457.50	4054780.54	63.65	63.65
DISCCART	731482.10	4054781.56	63.64	63.64
DISCCART	731506.70	4054782.58	63.54	63.54
DISCCART	731531.30	4054783.60	63.54	63.54
DISCCART	731555.90	4054784.62	63.44	63.44
DISCCART	731580.50	4054785.64	63.34	63.34
DISCCART	731605.10	4054786.66	63.34	63.34
DISCCART	731629.70	4054787.68	63.24	63.24
DISCCART	731654.30	4054788.69	63.24	63.24
DISCCART	731678.90	4054789.71	63.24	63.24
DISCCART	731703.50	4054790.73	63.15	63.15
DISCCART	731728.10	4054791.75	63.14	63.14
DISCCART	731752.70	4054792.77	63.14	63.14
DISCCART	731777.30	4054793.79	63.12	63.12
DISCCART	731801.90	4054794.81	63.04	63.04
DISCCART	731826.50	4054795.82	63.04	63.04
DISCCART	731851.10	4054796.84	62.98	62.98
DISCCART	731875.70	4054797.86	62.94	62.94
DISCCART	731901.31	4054774.60	62.94	62.94
DISCCART	731902.33	4054750.31	62.94	62.94
DISCCART	731903.34	4054726.03	62.94	62.94
DISCCART	731904.36	4054701.75	62.94	62.94
DISCCART	731905.37	4054677.46	62.94	62.94
DISCCART	731906.39	4054653.18	62.94	62.94
DISCCART	731907.40	4054628.90	62.94	62.94
DISCCART	731908.42	4054604.61	62.95	62.95
DISCCART	731909.43	4054580.33	63.00	63.00
DISCCART	731910.44	4054556.05	63.04	63.04
DISCCART	731911.46	4054531.76	63.04	63.04
DISCCART	731912.47	4054507.48	63.04	63.04
DISCCART	731913.49	4054483.20	63.04	63.04
DISCCART	731914.50	4054458.91	63.04	63.04
DISCCART	731915.52	4054434.63	63.04	63.04
DISCCART	731916.53	4054410.34	63.04	63.04
DISCCART	731917.55	4054386.06	63.05	63.05
DISCCART	731918.56	4054361.78	63.12	63.12
DISCCART	731919.58	4054337.49	63.14	63.14
DISCCART	731920.59	4054313.21	63.14	63.14
DISCCART	731921.60	4054288.93	63.14	63.14
DISCCART	731922.62	4054264.64	63.14	63.14
DISCCART	731923.63	4054240.36	63.14	63.14
DISCCART	731924.65	4054216.08	63.16	63.16
DISCCART	731925.66	4054191.79	63.23	63.23
DISCCART	731926.68	4054167.51	63.24	63.24
DISCCART	731927.69	4054143.23	63.24	63.24
DISCCART	731928.71	4054118.94	63.24	63.24
DISCCART	731905.11	4054093.65	63.34	63.34
DISCCART	731880.50	4054092.65	63.36	63.36
DISCCART	731855.90	4054091.64	63.53	63.53
DISCCART	731831.29	4054090.64	63.71	63.71
DISCCART	731806.68	4054089.63	63.83	63.83
DISCCART	731782.07	4054088.62	63.96	63.96
DISCCART	731757.47	4054087.62	64.13	64.13
DISCCART	731732.86	4054086.61	64.21	64.21
DISCCART	731708.25	4054085.61	64.33	64.33
DISCCART	731683.64	4054084.60	64.42	64.42
DISCCART	731659.04	4054083.60	64.47	64.47
DISCCART	731634.43	4054082.59	64.49	64.49
DISCCART	731609.82	4054081.58	64.53	64.53
DISCCART	731585.21	4054080.58	64.54	64.54
DISCCART	731560.61	4054079.57	64.54	64.54
DISCCART	731536.00	4054078.57	64.61	64.61
DISCCART	731511.39	4054077.56	64.61	64.61
DISCCART	731486.78	4054076.55	64.61	64.61
DISCCART	731462.18	4054075.55	64.54	64.54

DISCCART	733498.26	4054848.17	60.55	60.55
DISCCART	733499.31	4054825.02	60.61	60.61
DISCCART	733500.79	4054777.17	60.64	60.64
DISCCART	733501.21	4054752.47	60.64	60.64
DISCCART	733501.64	4054727.76	60.64	60.64
DISCCART	733502.06	4054703.06	60.64	60.64
DISCCART	733502.49	4054678.35	60.64	60.64
DISCCART	733502.92	4054653.64	60.68	60.68
DISCCART	733503.34	4054628.94	60.74	60.74
DISCCART	733503.77	4054604.23	60.74	60.74
DISCCART	733504.19	4054579.53	60.74	60.74
DISCCART	733504.62	4054554.82	60.74	60.74
DISCCART	733505.05	4054530.11	60.74	60.74
DISCCART	733505.47	4054505.41	60.76	60.76
DISCCART	733505.90	4054480.70	60.82	60.82
DISCCART	733506.33	4054455.99	60.84	60.84
DISCCART	733506.75	4054431.29	60.84	60.84
DISCCART	733507.18	4054406.58	60.84	60.84
DISCCART	733507.60	4054381.88	60.85	60.85
DISCCART	733508.03	4054357.17	60.91	60.91
DISCCART	733508.46	4054332.46	60.94	60.94
DISCCART	733508.88	4054307.76	60.94	60.94
DISCCART	733509.31	4054283.05	60.94	60.94
DISCCART	733509.73	4054258.35	60.94	60.94
DISCCART	733507.48	4054211.67	61.04	61.04
DISCCART	733504.80	4054189.70	61.04	61.04
DISCCART	733502.13	4054167.72	61.08	61.08
DISCCART	733499.45	4054145.75	61.14	61.14
DISCCART	733471.91	4054122.75	61.15	61.15
DISCCART	733447.04	4054121.71	61.23	61.23
DISCCART	733422.18	4054120.68	61.24	61.24
DISCCART	733397.32	4054119.64	61.24	61.24
DISCCART	733372.45	4054118.61	61.33	61.33
DISCCART	733347.59	4054117.57	61.34	61.34
DISCCART	733322.73	4054116.54	61.34	61.34
DISCCART	733297.86	4054115.50	61.44	61.44
DISCCART	733273.00	4054114.47	61.44	61.44
DISCCART	733248.14	4054113.43	61.45	61.45
DISCCART	733223.28	4054112.40	61.54	61.54
DISCCART	733198.41	4054111.36	61.54	61.54
DISCCART	733173.55	4054110.33	61.59	61.59
DISCCART	733148.69	4054109.29	61.64	61.64
DISCCART	733123.82	4054108.26	61.64	61.64
DISCCART	733098.96	4054107.23	61.73	61.73
DISCCART	733074.10	4054106.19	61.74	61.74
DISCCART	733049.23	4054105.16	61.74	61.74
DISCCART	733024.37	4054104.12	61.82	61.82
DISCCART	732999.51	4054103.09	61.84	61.84
DISCCART	732974.64	4054102.05	61.85	61.85
DISCCART	732949.78	4054101.02	61.94	61.94
DISCCART	732924.92	4054099.98	61.94	61.94
DISCCART	732900.05	4054098.95	61.94	61.94
DISCCART	732875.19	4054097.91	62.04	62.04
DISCCART	732850.33	4054096.88	62.04	62.04
DISCCART	732825.46	4054095.84	62.06	62.06
DISCCART	732800.60	4054094.81	62.14	62.14
DISCCART	732775.74	4054093.77	62.14	62.14
DISCCART	732750.88	4054092.74	62.20	62.20
DISCCART	732726.01	4054091.71	62.24	62.24
DISCCART	732701.15	4054090.67	62.24	62.24
DISCCART	732676.29	4054089.64	62.29	62.29
DISCCART	732651.42	4054088.60	62.34	62.34
DISCCART	732626.56	4054087.57	62.34	62.34
DISCCART	732601.70	4054086.53	62.43	62.43
DISCCART	732576.83	4054085.50	62.44	62.44
DISCCART	732551.97	4054084.46	62.44	62.44
DISCCART	732527.11	4054083.43	62.45	62.45
DISCCART	732502.24	4054082.39	62.54	62.54
DISCCART	732477.38	4054081.36	62.54	62.54
DISCCART	732452.52	4054080.32	62.58	62.58
DISCCART	732427.65	4054079.29	62.64	62.64
DISCCART	732402.79	4054078.25	62.64	62.64
DISCCART	732377.93	4054077.22	62.68	62.68
DISCCART	732353.06	4054076.19	62.74	62.74
DISCCART	732328.20	4054075.15	62.74	62.74
DISCCART	732303.34	4054074.12	62.83	62.83
DISCCART	732278.47	4054073.08	62.84	62.84
DISCCART	732253.61	4054072.05	62.84	62.84
DISCCART	732228.75	4054071.01	62.92	62.92
DISCCART	732203.89	4054069.98	62.94	62.94
DISCCART	732179.02	4054068.94	62.94	62.94
DISCCART	732154.16	4054067.91	63.04	63.04
DISCCART	732129.30	4054066.87	63.04	63.04
DISCCART	732104.43	4054065.84	63.06	63.06
DISCCART	732079.57	4054064.80	63.14	63.14
DISCCART	732054.71	4054063.77	63.14	63.14
DISCCART	732029.84	4054062.73	63.24	63.24
DISCCART	732000.73	4054083.22	63.24	63.24
DISCCART	731996.48	4054104.74	63.17	63.17
DISCCART	731992.23	4054126.27	63.14	63.14
DISCCART	731987.98	4054147.79	63.14	63.14
DISCCART	731982.61	4054193.68	63.14	63.14
DISCCART	731981.50	4054218.05	63.14	63.14
DISCCART	731980.38	4054242.42	63.10	63.10
DISCCART	731979.27	4054266.79	63.05	63.05
DISCCART	731978.15	4054291.16	63.04	63.04
DISCCART	731977.04	4054315.53	63.04	63.04
DISCCART	731975.92	4054339.90	63.04	63.04
DISCCART	731974.81	4054364.28	63.04	63.04
DISCCART	731973.69	4054388.65	63.04	63.04
DISCCART	731972.58	4054413.02	63.02	63.02
DISCCART	731971.46	4054437.39	62.97	62.97
DISCCART	731970.35	4054461.76	62.94	62.94
DISCCART	731969.23	4054486.13	62.94	62.94
DISCCART	731968.12	4054510.50	62.94	62.94
DISCCART	731967.00	4054534.87	62.94	62.94
DISCCART	731965.89	4054559.24	62.94	62.94
DISCCART	731964.77	4054583.61	62.94	62.94
DISCCART	731963.65	4054607.98	62.94	62.94
DISCCART	731962.54	4054632.35	62.94	62.94
DISCCART	731961.42	4054656.72	62.88	62.88
DISCCART	731960.31	4054681.09	62.85	62.85
DISCCART	731959.19	4054705.46	62.84	62.84
DISCCART	731958.08	4054729.83	62.84	62.84
DISCCART	731956.96	4054754.21	62.84	62.84
DISCCART	731955.85	4054778.58	62.84	62.84
DISCCART	731954.73	4054802.95	62.84	62.84
DISCCART	731953.62	4054827.32	62.84	62.84
DISCCART	731952.50	4054851.69	62.84	62.84
DISCCART	731951.39	4054876.06	62.84	62.84
DISCCART	731950.27	4054900.43	62.84	62.84
DISCCART	731949.16	4054924.80	62.84	62.84
DISCCART	731947.61	4054973.19	62.84	62.84
DISCCART	731947.17	4054997.20	62.84	62.84

DISCCART	731946.74	4055021.22	62.84	62.84
DISCCART	731946.30	4055045.24	62.85	62.85
DISCCART	731945.87	4055069.26	62.93	62.93
DISCCART	731945.43	4055093.27	62.93	62.93
DISCCART	731945.00	4055117.29	62.94	62.94
DISCCART	731944.56	4055141.31	62.94	62.94
DISCCART	731944.13	4055165.32	62.94	62.94
** DESCRREC	"FENCEPRI"	"Cartesian plant boundary Primary Receptors"		
DISCCART	731215.24	4053954.55	65.04	65.04
DISCCART	731932.86	4053984.58	65.04	65.04
DISCCART	731968.42	4053126.00	65.43	65.43
DISCCART	731771.32	4053117.96	65.84	65.84
DISCCART	731777.42	4052972.13	66.14	66.14
DISCCART	731957.15	4052979.60	65.93	65.93
DISCCART	731962.24	4052851.84	66.34	66.34
DISCCART	731262.36	4052816.32	67.74	67.74
** DESCRREC	"FENCEINT"	"Cartesian plant boundary Intermediate Receptors"		
DISCCART	731239.99	4053955.59	65.02	65.02
DISCCART	731264.73	4053956.62	65.02	65.02
DISCCART	731289.48	4053957.66	65.01	65.01
DISCCART	731314.22	4053958.69	64.94	64.94
DISCCART	731338.97	4053959.73	64.94	64.94
DISCCART	731363.71	4053960.76	64.94	64.94
DISCCART	731388.46	4053961.80	64.94	64.94
DISCCART	731413.20	4053962.83	64.94	64.94
DISCCART	731437.95	4053963.87	64.94	64.94
DISCCART	731462.70	4053964.91	64.94	64.94
DISCCART	731487.44	4053965.94	64.94	64.94
DISCCART	731512.19	4053966.98	64.94	64.94
DISCCART	731536.93	4053968.01	64.94	64.94
DISCCART	731561.68	4053969.05	64.94	64.94
DISCCART	731586.42	4053970.08	64.94	64.94
DISCCART	731611.17	4053971.12	64.94	64.94
DISCCART	731635.91	4053972.15	64.94	64.94
DISCCART	731660.66	4053973.19	64.94	64.94
DISCCART	731685.40	4053974.22	64.94	64.94
DISCCART	731710.15	4053975.26	64.94	64.94
DISCCART	731734.90	4053976.30	64.94	64.94
DISCCART	731759.64	4053977.33	64.94	64.94
DISCCART	731784.39	4053978.37	64.94	64.94
DISCCART	731809.13	4053979.40	64.94	64.94
DISCCART	731833.88	4053980.44	64.94	64.94
DISCCART	731858.62	4053981.47	64.94	64.94
DISCCART	731883.37	4053982.51	64.94	64.94
DISCCART	731908.11	4053983.54	64.94	64.94
DISCCART	731933.88	4053984.58	64.94	64.94
DISCCART	731934.89	4053985.52	64.93	64.93
DISCCART	731935.91	4053986.46	64.92	64.92
DISCCART	731936.92	4053886.46	64.92	64.92
DISCCART	731937.94	4053861.93	64.91	64.91
DISCCART	731938.96	4053837.39	64.91	64.91
DISCCART	731939.97	4053812.86	64.90	64.90
DISCCART	731940.99	4053788.33	64.89	64.89
DISCCART	731942.00	4053763.80	64.88	64.88
DISCCART	731943.02	4053739.27	64.87	64.87
DISCCART	731944.04	4053714.74	64.93	64.93
DISCCART	731945.05	4053690.21	64.93	64.93
DISCCART	731946.07	4053665.68	64.92	64.92
DISCCART	731947.08	4053641.15	64.91	64.91
DISCCART	731948.10	4053616.62	64.91	64.91
DISCCART	731949.12	4053592.09	64.90	64.90
DISCCART	731950.13	4053567.56	64.89	64.89
DISCCART	731951.15	4053543.02	64.88	64.88
DISCCART	731952.16	4053518.49	64.87	64.87
DISCCART	731953.18	4053493.96	64.87	64.87
DISCCART	731954.20	4053469.43	64.94	64.94
DISCCART	731955.21	4053444.90	64.94	64.94
DISCCART	731956.23	4053420.37	64.93	64.93
DISCCART	731957.24	4053395.84	64.92	64.92
DISCCART	731958.26	4053371.31	64.94	64.94
DISCCART	731959.28	4053346.78	64.94	64.94
DISCCART	731960.29	4053322.25	64.94	64.94
DISCCART	731961.31	4053297.72	65.02	65.02
DISCCART	731962.32	4053273.19	65.04	65.04
DISCCART	731963.34	4053248.65	65.11	65.11
DISCCART	731964.36	4053224.12	65.15	65.15
DISCCART	731965.37	4053199.59	65.23	65.23
DISCCART	731966.39	4053175.06	65.26	65.26
DISCCART	731967.40	4053150.53	65.35	65.35
DISCCART	731968.42	4053125.00	65.44	65.44
DISCCART	731919.15	4053103.99	65.54	65.54
DISCCART	731894.51	4053122.99	65.56	65.56
DISCCART	731869.87	4053121.98	65.64	65.64
DISCCART	731845.23	4053120.98	65.73	65.73
DISCCART	731820.60	4053119.97	65.74	65.74
DISCCART	731795.96	4053118.97	65.84	65.84
DISCCART	731772.34	4053093.66	65.88	65.88
DISCCART	731773.35	4053069.35	65.94	65.94
DISCCART	731774.37	4053045.05	65.96	65.96
DISCCART	731775.39	4053020.74	66.04	66.04
DISCCART	731776.40	4052996.44	66.11	66.11
DISCCART	731799.89	4052973.06	66.10	66.10
DISCCART	731822.35	4052974.00	66.04	66.04
DISCCART	731844.82	4052974.93	66.04	66.04
DISCCART	731867.29	4052975.87	65.95	65.95
DISCCART	731889.75	4052976.80	65.94	65.94
DISCCART	731912.22	4052977.73	65.94	65.94
DISCCART	731934.68	4052978.67	65.84	65.84
DISCCART	731958.00	4052958.31	65.93	65.93
DISCCART	731958.85	4052937.01	66.04	66.04
DISCCART	731959.70	4052915.72	66.13	66.13
DISCCART	731960.54	4052894.43	66.19	66.19
DISCCART	731961.39	4052873.13	66.34	66.34
DISCCART	731938.11	4052850.65	66.27	66.27
DISCCART	731913.97	4052849.39	66.24	66.24
DISCCART	731889.84	4052848.17	66.24	66.24
DISCCART	731865.70	4052846.94	66.31	66.31
DISCCART	731841.57	4052845.72	66.34	66.34
DISCCART	731817.44	4052844.49	66.37	66.37
DISCCART	731793.30	4052843.27	66.44	66.44
DISCCART	731769.17	4052842.04	66.51	66.51
DISCCART	731745.04	4052840.82	66.58	66.58
DISCCART	731720.90	4052839.59	66.64	66.64
DISCCART	731696.77	4052838.37	66.71	66.71
DISCCART	731672.63	4052837.14	66.76	66.76
DISCCART	731648.50	4052835.92	66.84	66.84
DISCCART	731624.37	4052834.69	66.93	66.93
DISCCART	731600.23	4052833.47	66.95	66.95
DISCCART	731576.10	4052832.24	67.04	67.04
DISCCART	731551.97	4052831.02	67.07	67.07
DISCCART	731527.83	4052829.79	67.15	67.15
DISCCART	731503.70	4052828.57	67.21	67.21
DISCCART	731479.56	4052827.34	67.25	67.25
DISCCART	731455.43	4052826.12	67.34	67.34

DISCCART	731431.30	4052824.89	67.36	67.36
DISCCART	731407.16	4052823.67	67.44	67.44
DISCCART	731383.03	4052822.44	67.49	67.49
DISCCART	731358.90	4052821.22	67.54	67.54
DISCCART	731334.76	4052819.99	67.60	67.60
DISCCART	731310.63	4052818.77	67.64	67.64
DISCCART	731286.49	4052817.54	67.70	67.70
DISCCART	731261.34	4052841.06	67.66	67.66
DISCCART	731260.31	4052865.81	67.62	67.62
DISCCART	731259.29	4052890.55	67.53	67.53
DISCCART	731258.26	4052915.30	67.44	67.44
DISCCART	731257.24	4052940.04	67.38	67.38
DISCCART	731256.21	4052964.78	67.31	67.31
DISCCART	731255.19	4052989.53	67.24	67.24
DISCCART	731254.17	4053014.27	67.14	67.14
DISCCART	731253.14	4053039.02	67.05	67.05
DISCCART	731252.12	4053063.76	67.03	67.03
DISCCART	731251.09	4053088.51	66.94	66.94
DISCCART	731250.07	4053113.25	66.84	66.84
DISCCART	731249.04	4053137.99	66.78	66.78
DISCCART	731248.02	4053162.74	66.74	66.74
DISCCART	731246.99	4053187.48	66.65	66.65
DISCCART	731245.97	4053212.23	66.59	66.59
DISCCART	731244.95	4053236.97	66.54	66.54
DISCCART	731243.92	4053261.71	66.45	66.45
DISCCART	731242.90	4053286.46	66.42	66.42
DISCCART	731241.87	4053311.20	66.34	66.34
DISCCART	731240.85	4053335.95	66.34	66.34
DISCCART	731239.82	4053360.69	66.26	66.26
DISCCART	731238.80	4053385.43	66.24	66.24
DISCCART	731237.78	4053410.18	66.24	66.24
DISCCART	731236.75	4053434.92	66.16	66.16
DISCCART	731235.73	4053459.67	66.14	66.14
DISCCART	731234.70	4053484.41	66.14	66.14
DISCCART	731233.68	4053509.16	66.05	66.05
DISCCART	731232.65	4053533.90	66.04	66.04
DISCCART	731231.63	4053558.64	66.02	66.02
DISCCART	731230.61	4053583.39	65.94	65.94
DISCCART	731229.58	4053608.13	65.94	65.94
DISCCART	731228.56	4053632.88	65.86	65.86
DISCCART	731227.53	4053657.62	65.84	65.84
DISCCART	731226.51	4053682.36	65.78	65.78
DISCCART	731225.48	4053707.11	65.74	65.74
DISCCART	731224.46	4053731.85	65.65	65.65
DISCCART	731223.43	4053756.60	65.60	65.60
DISCCART	731222.41	4053781.34	65.54	65.54
DISCCART	731221.39	4053806.09	65.45	65.45
DISCCART	731220.36	4053830.83	65.37	65.37
DISCCART	731219.34	4053855.57	65.34	65.34
DISCCART	731218.31	4053880.32	65.24	65.24
DISCCART	731217.29	4053905.06	65.15	65.15
DISCCART	731216.26	4053929.81	65.14	65.14
** BESSRREC	"FENCEPRI"	"Cartesian plant boundary Primary Receptors"		
DISCCART	731989.89	4053830.29	64.42	64.42
DISCCART	732108.41	4053834.79	63.25	63.25
DISCCART	732102.96	4053963.08	63.14	63.14
DISCCART	732488.46	4054020.60	61.24	61.24
DISCCART	733508.70	4053885.13	61.34	61.34
DISCCART	733535.65	4053006.59	62.64	62.64
DISCCART	733514.28	4052920.63	62.84	62.84
DISCCART	732831.80	4052891.60	64.35	64.35
DISCCART	732813.81	4053250.67	63.34	63.34
DISCCART	732785.59	4053256.36	63.34	63.34
DISCCART	732021.24	4053223.41	65.04	65.04
DISCCART	732011.35	4053237.47	65.03	65.03
DISCCART	731987.64	4053809.79	64.51	64.51
** BESSRREC	"FENCEINT"	"Cartesian plant boundary Intermediate Receptors"		
DISCCART	732013.59	4053831.19	63.98	63.98
DISCCART	732037.30	4053832.09	63.64	63.64
DISCCART	732061.00	4053832.99	63.40	63.40
DISCCART	732084.71	4053833.89	63.34	63.34
DISCCART	732107.50	4053856.17	63.24	63.24
DISCCART	732106.59	4053877.55	63.24	63.24
DISCCART	732105.69	4053898.94	63.24	63.24
DISCCART	732104.78	4053920.32	63.19	63.19
DISCCART	732103.87	4053941.70	63.15	63.15
DISCCART	732127.70	4053964.11	63.14	63.14
DISCCART	732152.44	4053965.13	63.09	63.09
DISCCART	732177.18	4053966.16	63.04	63.04
DISCCART	732201.92	4053967.19	63.04	63.04
DISCCART	732226.67	4053968.22	63.03	63.03
DISCCART	732251.41	4053969.24	62.94	62.94
DISCCART	732276.15	4053970.27	62.94	62.94
DISCCART	732300.89	4053971.30	62.94	62.94
DISCCART	732325.63	4053972.32	62.84	62.84
DISCCART	732350.37	4053973.35	62.84	62.84
DISCCART	732375.11	4053974.38	62.82	62.82
DISCCART	732399.85	4053975.41	62.74	62.74
DISCCART	732424.59	4053976.43	62.74	62.74
DISCCART	732449.34	4053977.46	62.73	62.73
DISCCART	732474.08	4053978.49	62.64	62.64
DISCCART	732498.82	4053979.51	62.64	62.64
DISCCART	732523.56	4053980.54	62.64	62.64
DISCCART	732548.30	4053981.57	62.54	62.54
DISCCART	732573.04	4053982.60	62.54	62.54
DISCCART	732597.78	4053983.62	62.54	62.54
DISCCART	732622.52	4053984.65	62.53	62.53
DISCCART	732647.26	4053985.68	62.44	62.44
DISCCART	732672.00	4053986.70	62.44	62.44
DISCCART	732696.75	4053987.73	62.40	62.40
DISCCART	732721.49	4053988.76	62.34	62.34
DISCCART	732746.23	4053989.79	62.34	62.34
DISCCART	732770.97	4053990.81	62.26	62.26
DISCCART	732795.71	4053991.84	62.24	62.24
DISCCART	732820.45	4053992.87	62.24	62.24
DISCCART	732845.19	4053993.89	62.17	62.17
DISCCART	732869.93	4053994.92	62.14	62.14
DISCCART	732894.67	4053995.95	62.14	62.14
DISCCART	732919.42	4053996.98	62.05	62.05
DISCCART	732944.16	4053998.00	62.04	62.04
DISCCART	732968.90	4053999.03	62.02	62.02
DISCCART	732993.64	4054000.06	61.94	61.94
DISCCART	733018.38	4054001.08	61.94	61.94
DISCCART	733043.12	4054002.11	61.89	61.89
DISCCART	733067.86	4054003.14	61.84	61.84
DISCCART	733092.60	4054004.17	61.84	61.84
DISCCART	733117.34	4054005.19	61.75	61.75
DISCCART	733142.09	4054006.22	61.74	61.74
DISCCART	733166.83	4054007.25	61.74	61.74
DISCCART	733191.57	4054008.27	61.64	61.64
DISCCART	733216.31	4054009.30	61.64	61.64
DISCCART	733241.05	4054010.33	61.61	61.61
DISCCART	733265.79	4054011.36	61.54	61.54
DISCCART	733290.53	4054012.38	61.54	61.54

DISCCART	733315.27	4054013.41	61.46	61.46
DISCCART	733340.01	4054014.44	61.44	61.44
DISCCART	733364.75	4054015.46	61.44	61.44
DISCCART	733389.50	4054016.49	61.35	61.35
DISCCART	733414.24	4054017.52	61.34	61.34
DISCCART	733438.98	4054018.55	61.33	61.33
DISCCART	733463.72	4054019.57	61.26	61.26
DISCCART	733491.83	4053998.02	61.24	61.24
DISCCART	733495.21	4053975.44	61.26	61.26
DISCCART	733498.58	4053952.87	61.31	61.31
DISCCART	733501.95	4053930.29	61.34	61.34
DISCCART	733505.33	4053907.71	61.34	61.34
DISCCART	733509.45	4053860.73	61.34	61.34
DISCCART	733510.20	4053836.32	61.38	61.38
DISCCART	733510.95	4053811.92	61.44	61.44
DISCCART	733511.69	4053787.51	61.44	61.44
DISCCART	733512.44	4053763.11	61.45	61.45
DISCCART	733513.19	4053738.71	61.54	61.54
DISCCART	733513.94	4053714.30	61.54	61.54
DISCCART	733514.69	4053689.90	61.54	61.54
DISCCART	733515.44	4053665.50	61.56	61.56
DISCCART	733516.19	4053641.10	61.64	61.64
DISCCART	733516.93	4053616.69	61.64	61.64
DISCCART	733517.68	4053592.28	61.64	61.64
DISCCART	733518.43	4053567.88	61.74	61.74
DISCCART	733519.18	4053543.48	61.74	61.74
DISCCART	733519.93	4053519.07	61.74	61.74
DISCCART	733520.68	4053494.67	61.79	61.79
DISCCART	733521.43	4053470.26	61.84	61.84
DISCCART	733522.18	4053445.86	61.84	61.84
DISCCART	733522.92	4053421.46	61.94	61.94
DISCCART	733523.67	4053397.05	61.94	61.94
DISCCART	733524.42	4053372.65	62.03	62.03
DISCCART	733525.17	4053348.24	62.04	62.04
DISCCART	733525.92	4053323.84	62.11	62.11
DISCCART	733526.67	4053299.44	62.14	62.14
DISCCART	733527.42	4053275.03	62.16	62.16
DISCCART	733528.16	4053250.63	62.24	62.24
DISCCART	733528.91	4053226.22	62.24	62.24
DISCCART	733529.66	4053201.82	62.31	62.31
DISCCART	733530.41	4053177.42	62.34	62.34
DISCCART	733531.16	4053153.01	62.35	62.35
DISCCART	733531.91	4053128.61	62.44	62.44
DISCCART	733532.66	4053104.21	62.44	62.44
DISCCART	733533.40	4053079.80	62.54	62.54
DISCCART	733534.15	4053055.40	62.54	62.54
DISCCART	733534.90	4053030.99	62.64	62.64
DISCCART	733530.31	4052985.10	62.69	62.69
DISCCART	733524.97	4052963.61	62.74	62.74
DISCCART	733519.62	4052942.12	62.81	62.81
DISCCART	733489.91	4052919.59	62.84	62.84
DISCCART	733465.53	4052918.56	62.90	62.90
DISCCART	733441.16	4052917.52	62.94	62.94
DISCCART	733416.78	4052916.48	62.94	62.94
DISCCART	733392.41	4052915.45	62.97	62.97
DISCCART	733368.03	4052914.41	63.04	63.04
DISCCART	733343.66	4052913.37	63.04	63.04
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DISCCART	733294.91	4052911.30	63.14	63.14
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DISCCART	733221.79	4052908.19	63.24	63.24
DISCCART	733197.41	4052907.15	63.29	63.29
DISCCART	733173.04	4052906.12	63.35	63.35
DISCCART	733148.67	4052905.08	63.43	63.43
DISCCART	733124.29	4052904.04	63.52	63.52
DISCCART	733099.92	4052903.00	63.60	63.60
DISCCART	733075.54	4052901.97	63.68	63.68
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DISCCART	732978.05	4052897.82	63.95	63.95
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DISCCART	732904.92	4052894.71	64.17	64.17
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DISCCART	732856.17	4052892.64	64.32	64.32
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DISCCART	732822.21	4053083.10	63.75	63.75
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DISCCART	732637.65	4053249.98	63.69	63.69
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DISCCART	732588.34	4053247.86	63.83	63.83
DISCCART	732563.68	4053246.79	63.85	63.85
DISCCART	732539.03	4053245.73	63.93	63.93
DISCCART	732514.37	4053244.67	63.96	63.96
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DISCCART	732415.74	4053240.42	64.19	64.19
DISCCART	732391.09	4053239.35	64.24	64.24
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DISCCART	732045.90	4053224.47	64.97	64.97
DISCCART	732010.32	4053223.41	64.94	64.94
DISCCART	732009.29	4053222.34	64.93	64.93

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DISCCART 731997.95 4053560.96 64.71 64.71
DISCCART 731996.92 4053585.84 64.71 64.71
DISCCART 731995.89 4053610.72 64.69 64.69
DISCCART 731994.86 4053635.61 64.66 64.66
DISCCART 731993.83 4053660.49 64.66 64.66
DISCCART 731992.79 4053685.37 64.67 64.67
DISCCART 731991.76 4053710.26 64.64 64.64
DISCCART 731990.73 4053735.14 64.59 64.59
DISCCART 731989.70 4053760.02 64.60 64.60
DISCCART 731988.67 4053784.91 64.52 64.52
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 731988.98 4052754.41 67.23 67.23
DISCCART 731970.56 4052769.07 66.44 66.44
DISCCART 731984.67 4052430.30 67.94 67.94
DISCCART 731630.89 4052415.47 67.94 67.94
DISCCART 731622.73 4052615.08 67.78 67.78
DISCCART 731617.25 4052630.86 67.74 67.74
DISCCART 731615.97 4052668.93 67.55 67.55
DISCCART 731621.54 4052690.04 67.46 67.46
** DESCRREC "FENCEINT" "Cartesian plant boundary Intermediate Receptors"
DISCCART 731642.42 4052755.39 67.14 67.14
DISCCART 731665.86 4052756.36 67.11 67.11
DISCCART 731689.30 4052757.34 67.04 67.04
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DISCCART 731736.17 4052759.30 66.93 66.93
DISCCART 731759.61 4052760.27 66.84 66.84
DISCCART 731783.05 4052761.25 66.83 66.83
DISCCART 731806.49 4052762.23 66.74 66.74
DISCCART 731829.93 4052763.21 66.70 66.70
DISCCART 731853.37 4052764.18 66.63 66.63
DISCCART 731876.81 4052765.16 66.56 66.56
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DISCCART 731923.68 4052767.12 66.41 66.41
DISCCART 731947.12 4052768.09 66.34 66.34
DISCCART 731971.57 4052744.87 66.44 66.44
DISCCART 731972.58 4052720.67 66.44 66.44
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DISCCART 731983.66 4052454.50 67.77 67.77
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DISCCART 731937.50 4052428.32 67.89 67.89
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DISCCART 731890.33 4052426.35 67.94 67.94
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DISCCART 731748.82 4052420.41 67.94 67.94
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DISCCART 731678.06 4052417.45 67.94 67.94
DISCCART 731654.48 4052416.46 67.94 67.94
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DISCCART 731627.83 4052490.32 68.00 68.00
DISCCART 731626.81 4052515.28 68.14 68.14
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DISCCART 731620.69 4052711.50 67.36 67.36
DISCCART 731619.83 4052732.95 67.31 67.31
RE FINISHED
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** AERMOD Meteorology Pathway
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** Surface File Path: C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\
SURFFILE Lemoore_2012-2016.SFC
** Profile File Path: C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\
PROFFILE Lemoore_2012-2016.PFL
SURFDATA 23110 2012
UAIRDATA 23230 2012 OAKLAND\WSO_AP
PROFBASE 72.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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OU STARTING
RECTABLE ALLAVE 8TH
RECTABLE 1 8TH
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 8TH "C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\LVS_NO2_1HR_100220.AD\01H8GALL.PLT" 31
MXDYBYR ALL "C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\LVS_NO2_1HR_100220.AD\MXDYBYR_ALL_NO2.DAT" 32
MAXDAILY ALL "C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\LVS_NO2_1HR_100220.AD\MAXDAILY_ALL_NO2.DAT" 33
SUMMFILE "C:\Users\tiffanie.amos\Documents\Working (Laptop)\Luna Valley Solar\AERMOD\LVS_NO2_1HR_100220.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0

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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 9.9.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 10/4/2020
** FILE: C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR\AERMOD\LVS_NO2_1HR_100220.ADI
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*****
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**
*****
** AERMOD CONTROL PATHWAY
*****
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**
CO STARTING
TITLEONE C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR
MODELOPT DEFAULT CONC ARM2
AVERTIME 1
POLLUTID NO2
RUNORNOT RUN
** NO2 CONVERSION OPTIONS
ARMRATIO 0.500 0.900
ERRORFIL LVS_NO2_1HR_100220.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
LOCATION AREAL AREA 732835.014 4052897.482 63.000
** SOURCE PARAMETERS **
SRCPARAM AREAL 2.3063E-06 5.000 696.870 696.870 -2.000 1.000

** VARIABLE EMISSIONS TYPE: "BY HOUR-OF-DAY (HROFDY)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 2"
EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREAL HROFDY 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT AREAL HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT AREAL HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
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*****
** AERMOD RECEPTOR PATHWAY
*****
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RE STARTING
** DESCRREC "RISK" "RECEPTORS GENERATED FROM RISK GRID"
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DISCCART 730871.38 4052481.50 69.53 69.53
DISCCART 730871.38 4052506.50 69.48 69.48
DISCCART 730871.38 4052531.50 69.44 69.44
DISCCART 730871.38 4052556.50 69.35 69.35
DISCCART 730871.38 4052581.50 69.28 69.28
DISCCART 730871.38 4052606.50 69.20 69.20
DISCCART 730871.38 4052631.50 69.14 69.14
DISCCART 730871.38 4052656.50 69.04 69.04
DISCCART 730871.38 4052681.50 68.94 68.94
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DISCCART 730871.38 4053181.50 67.53 67.53
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DISCCART	730896.38	4052681.50	68.93	68.93
DISCCART	730896.38	4052706.50	68.84	68.84
DISCCART	730896.38	4052731.50	68.74	68.74
DISCCART	730896.38	4052756.50	68.64	68.64
DISCCART	730896.38	4052781.50	68.57	68.57
DISCCART	730896.38	4052806.50	68.51	68.51
DISCCART	730896.38	4052831.50	68.43	68.43
DISCCART	730896.38	4052856.50	68.34	68.34
DISCCART	730896.38	4052881.50	68.27	68.27
DISCCART	730896.38	4052906.50	68.20	68.20
DISCCART	730896.38	4052931.50	68.13	68.13
DISCCART	730896.38	4052956.50	68.04	68.04
DISCCART	730896.38	4052981.50	67.97	67.97
DISCCART	730896.38	4053006.50	67.94	67.94
DISCCART	730896.38	4053031.50	67.84	67.84
DISCCART	730896.38	4053056.50	67.75	67.75
DISCCART	730896.38	4053081.50	67.73	67.73
DISCCART	730896.38	4053106.50	67.64	67.64
DISCCART	730896.38	4053131.50	67.58	67.58
DISCCART	730896.38	4053156.50	67.54	67.54
DISCCART	730896.38	4053181.50	67.45	67.45
DISCCART	730896.38	4053206.50	67.40	67.40
DISCCART	730896.38	4053231.50	67.34	67.34
DISCCART	730896.38	4053256.50	67.26	67.26
DISCCART	730896.38	4053281.50	67.24	67.24
DISCCART	730896.38	4053306.50	67.15	67.15
DISCCART	730896.38	4053331.50	67.13	67.13
DISCCART	730896.38	4053356.50	67.04	67.04
DISCCART	730896.38	4053381.50	66.96	66.96
DISCCART	730896.38	4053406.50	66.94	66.94
DISCCART	730896.38	4053431.50	66.84	66.84
DISCCART	730896.38	4053456.50	66.80	66.80
DISCCART	730896.38	4053481.50	66.74	66.74
DISCCART	730896.38	4053506.50	66.65	66.65
DISCCART	730896.38	4053531.50	66.63	66.63
DISCCART	730896.38	4053556.50	66.55	66.55
DISCCART	730896.38	4053581.50	66.52	66.52
DISCCART	730896.38	4053606.50	66.44	66.44

DISCCART	730896.38	4053631.50	66.38	66.38
DISCCART	730896.38	4053656.50	66.34	66.34
DISCCART	730896.38	4053681.50	66.33	66.33
DISCCART	730896.38	4053706.50	66.25	66.25
DISCCART	730896.38	4053731.50	66.24	66.24
DISCCART	730896.38	4053756.50	66.20	66.20
DISCCART	730896.38	4053781.50	66.14	66.14
DISCCART	730896.38	4053806.50	66.14	66.14
DISCCART	730896.38	4053831.50	66.04	66.04
DISCCART	730896.38	4053856.50	66.04	66.04
DISCCART	730896.38	4053881.50	66.02	66.02
DISCCART	730896.38	4053906.50	65.95	65.95
DISCCART	730896.38	4053931.50	65.94	65.94
DISCCART	730896.38	4053956.50	65.91	65.91
DISCCART	730896.38	4053981.50	65.84	65.84
DISCCART	730896.38	4054006.50	65.81	65.81
DISCCART	730896.38	4054031.50	65.74	65.74
DISCCART	730896.38	4054056.50	65.74	65.74
DISCCART	730896.38	4054081.50	65.74	65.74
DISCCART	730896.38	4054106.50	65.70	65.70
DISCCART	730896.38	4054131.50	65.64	65.64
DISCCART	730896.38	4054156.50	65.64	65.64
DISCCART	730896.38	4054181.50	65.54	65.54
DISCCART	730896.38	4054206.50	65.54	65.54
DISCCART	730896.38	4054231.50	65.54	65.54
DISCCART	730896.38	4054256.50	65.52	65.52
DISCCART	730896.38	4054281.50	65.45	65.45
DISCCART	730896.38	4054306.50	65.44	65.44
DISCCART	730896.38	4054331.50	65.44	65.44
DISCCART	730896.38	4054356.50	65.44	65.44
DISCCART	730896.38	4054381.50	65.41	65.41
DISCCART	730896.38	4054406.50	65.36	65.36
DISCCART	730896.38	4054431.50	65.35	65.35
DISCCART	730896.38	4054456.50	65.34	65.34
DISCCART	730896.38	4054481.50	65.34	65.34
DISCCART	730896.38	4054506.50	65.34	65.34
DISCCART	730896.38	4054531.50	65.34	65.34
DISCCART	730896.38	4054556.50	65.34	65.34
DISCCART	730896.38	4054581.50	65.34	65.34
DISCCART	730896.38	4054606.50	65.24	65.24
DISCCART	730896.38	4054631.50	65.24	65.24
DISCCART	730896.38	4054656.50	65.24	65.24
DISCCART	730896.38	4054681.50	65.14	65.14
DISCCART	730896.38	4054706.50	65.14	65.14
DISCCART	730896.38	4054731.50	65.04	65.04
DISCCART	730896.38	4054756.50	65.00	65.00
DISCCART	730896.38	4054781.50	64.94	64.94
DISCCART	730896.38	4054806.50	64.90	64.90
DISCCART	730896.38	4054831.50	64.84	64.84
DISCCART	730896.38	4054856.50	64.77	64.77
DISCCART	730896.38	4054881.50	64.74	64.74
DISCCART	730896.38	4054906.50	64.74	64.74
DISCCART	730896.38	4054931.50	64.74	64.74
DISCCART	730896.38	4054956.50	64.74	64.74
DISCCART	730896.38	4054981.50	64.75	64.75
DISCCART	730896.38	4055006.50	64.76	64.76
DISCCART	730896.38	4055031.50	64.79	64.79
DISCCART	730896.38	4055056.50	64.82	64.82
DISCCART	730896.38	4055081.50	64.84	64.84
DISCCART	730896.38	4055106.50	64.84	64.84
DISCCART	730896.38	4055131.50	64.84	64.84
DISCCART	730896.38	4055156.50	64.84	64.84
DISCCART	730896.38	4055181.50	64.84	64.84
DISCCART	730896.38	4055206.50	64.85	64.85
DISCCART	730896.38	4055231.50	64.85	64.85
DISCCART	730896.38	4055256.50	64.92	64.92
DISCCART	730896.38	4055281.50	64.92	64.92
DISCCART	730896.38	4055306.50	64.94	64.94
DISCCART	730896.38	4055331.50	64.95	64.95
DISCCART	730921.38	4052331.50	69.74	69.74
DISCCART	730921.38	4052356.50	69.62	69.62
DISCCART	730921.38	4052381.50	69.48	69.48
DISCCART	730921.38	4052406.50	69.44	69.44
DISCCART	730921.38	4052431.50	69.44	69.44
DISCCART	730921.38	4052456.50	69.44	69.44
DISCCART	730921.38	4052481.50	69.44	69.44
DISCCART	730921.38	4052506.50	69.44	69.44
DISCCART	730921.38	4052531.50	69.36	69.36
DISCCART	730921.38	4052556.50	69.28	69.28
DISCCART	730921.38	4052581.50	69.20	69.20
DISCCART	730921.38	4052606.50	69.12	69.12
DISCCART	730921.38	4052631.50	69.04	69.04
DISCCART	730921.38	4052656.50	68.95	68.95
DISCCART	730921.38	4052681.50	68.85	68.85
DISCCART	730921.38	4052706.50	68.77	68.77
DISCCART	730921.38	4052731.50	68.70	68.70
DISCCART	730921.38	4052756.50	68.63	68.63
DISCCART	730921.38	4052781.50	68.54	68.54
DISCCART	730921.38	4052806.50	68.44	68.44
DISCCART	730921.38	4052831.50	68.36	68.36
DISCCART	730921.38	4052856.50	68.31	68.31
DISCCART	730921.38	4052881.50	68.24	68.24
DISCCART	730921.38	4052906.50	68.15	68.15
DISCCART	730921.38	4052931.50	68.06	68.06
DISCCART	730921.38	4052956.50	68.02	68.02
DISCCART	730921.38	4052981.50	67.94	67.94
DISCCART	730921.38	4053006.50	67.84	67.84
DISCCART	730921.38	4053031.50	67.80	67.80
DISCCART	730921.38	4053056.50	67.74	67.74
DISCCART	730921.38	4053081.50	67.64	67.64
DISCCART	730921.38	4053106.50	67.58	67.58
DISCCART	730921.38	4053131.50	67.54	67.54
DISCCART	730921.38	4053156.50	67.44	67.44
DISCCART	730921.38	4053181.50	67.43	67.43
DISCCART	730921.38	4053206.50	67.34	67.34
DISCCART	730921.38	4053231.50	67.30	67.30
DISCCART	730921.38	4053256.50	67.24	67.24
DISCCART	730921.38	4053281.50	67.15	67.15
DISCCART	730921.38	4053306.50	67.12	67.12
DISCCART	730921.38	4053331.50	67.04	67.04
DISCCART	730921.38	4053356.50	66.97	66.97
DISCCART	730921.38	4053381.50	66.94	66.94
DISCCART	730921.38	4053406.50	66.84	66.84
DISCCART	730921.38	4053431.50	66.80	66.80
DISCCART	730921.38	4053456.50	66.74	66.74

DISCCART	730921.38	4053481.50	66.66	66.66
DISCCART	730921.38	4053506.50	66.63	66.63
DISCCART	730921.38	4053531.50	66.54	66.54
DISCCART	730921.38	4053556.50	66.53	66.53
DISCCART	730921.38	4053581.50	66.44	66.44
DISCCART	730921.38	4053606.50	66.37	66.37
DISCCART	730921.38	4053631.50	66.34	66.34
DISCCART	730921.38	4053656.50	66.32	66.32
DISCCART	730921.38	4053681.50	66.24	66.24
DISCCART	730921.38	4053706.50	66.24	66.24
DISCCART	730921.38	4053731.50	66.15	66.15
DISCCART	730921.38	4053756.50	66.14	66.14
DISCCART	730921.38	4053781.50	66.14	66.14
DISCCART	730921.38	4053806.50	66.04	66.04
DISCCART	730921.38	4053831.50	66.04	66.04
DISCCART	730921.38	4053856.50	65.97	65.97
DISCCART	730921.38	4053881.50	65.94	65.94
DISCCART	730921.38	4053906.50	65.94	65.94
DISCCART	730921.38	4053931.50	65.90	65.90
DISCCART	730921.38	4053956.50	65.84	65.84
DISCCART	730921.38	4053981.50	65.84	65.84
DISCCART	730921.38	4054006.50	65.75	65.75
DISCCART	730921.38	4054031.50	65.72	65.72
DISCCART	730921.38	4054056.50	65.70	65.70
DISCCART	730921.38	4054081.50	65.64	65.64
DISCCART	730921.38	4054106.50	65.64	65.64
DISCCART	730921.38	4054131.50	65.60	65.60
DISCCART	730921.38	4054156.50	65.54	65.54
DISCCART	730921.38	4054181.50	65.48	65.48
DISCCART	730921.38	4054206.50	65.47	65.47
DISCCART	730921.38	4054231.50	65.44	65.44
DISCCART	730921.38	4054256.50	65.44	65.44
DISCCART	730921.38	4054281.50	65.44	65.44
DISCCART	730921.38	4054306.50	65.43	65.43
DISCCART	730921.38	4054331.50	65.36	65.36
DISCCART	730921.38	4054356.50	65.34	65.34
DISCCART	730921.38	4054381.50	65.34	65.34
DISCCART	730921.38	4054406.50	65.34	65.34
DISCCART	730921.38	4054431.50	65.34	65.34
DISCCART	730921.38	4054456.50	65.34	65.34
DISCCART	730921.38	4054481.50	65.34	65.34
DISCCART	730921.38	4054506.50	65.34	65.34
DISCCART	730921.38	4054531.50	65.34	65.34
DISCCART	730921.38	4054556.50	65.28	65.28
DISCCART	730921.38	4054581.50	65.26	65.26
DISCCART	730921.38	4054606.50	65.24	65.24
DISCCART	730921.38	4054631.50	65.24	65.24
DISCCART	730921.38	4054656.50	65.23	65.23
DISCCART	730921.38	4054681.50	65.14	65.14
DISCCART	730921.38	4054706.50	65.14	65.14
DISCCART	730921.38	4054731.50	65.04	65.04
DISCCART	730921.38	4054756.50	65.00	65.00
DISCCART	730921.38	4054781.50	64.94	64.94
DISCCART	730921.38	4054806.50	64.90	64.90
DISCCART	730921.38	4054831.50	64.84	64.84
DISCCART	730921.38	4054856.50	64.75	64.75
DISCCART	730921.38	4054881.50	64.74	64.74
DISCCART	730921.38	4054906.50	64.74	64.74
DISCCART	730921.38	4054931.50	64.74	64.74
DISCCART	730921.38	4054956.50	64.74	64.74
DISCCART	730921.38	4054981.50	64.74	64.74
DISCCART	730921.38	4055006.50	64.74	64.74
DISCCART	730921.38	4055031.50	64.74	64.74
DISCCART	730921.38	4055056.50	64.74	64.74
DISCCART	730921.38	4055081.50	64.74	64.74
DISCCART	730921.38	4055106.50	64.74	64.74
DISCCART	730921.38	4055131.50	64.78	64.78
DISCCART	730921.38	4055156.50	64.78	64.78
DISCCART	730921.38	4055181.50	64.83	64.83
DISCCART	730921.38	4055206.50	64.84	64.84
DISCCART	730921.38	4055231.50	64.84	64.84
DISCCART	730921.38	4055256.50	64.84	64.84
DISCCART	730921.38	4055281.50	64.84	64.84
DISCCART	730921.38	4055306.50	64.84	64.84
DISCCART	730921.38	4055331.50	64.89	64.89
DISCCART	730946.38	4052331.50	69.74	69.74
DISCCART	730946.38	4052356.50	69.62	69.62
DISCCART	730946.38	4052381.50	69.48	69.48
DISCCART	730946.38	4052406.50	69.44	69.44
DISCCART	730946.38	4052431.50	69.44	69.44
DISCCART	730946.38	4052456.50	69.44	69.44
DISCCART	730946.38	4052481.50	69.44	69.44
DISCCART	730946.38	4052506.50	69.41	69.41
DISCCART	730946.38	4052531.50	69.34	69.34
DISCCART	730946.38	4052556.50	69.25	69.25
DISCCART	730946.38	4052581.50	69.15	69.15
DISCCART	730946.38	4052606.50	69.06	69.06
DISCCART	730946.38	4052631.50	68.97	68.97
DISCCART	730946.38	4052656.50	68.92	68.92
DISCCART	730946.38	4052681.50	68.83	68.83
DISCCART	730946.38	4052706.50	68.74	68.74
DISCCART	730946.38	4052731.50	68.64	68.64
DISCCART	730946.38	4052756.50	68.54	68.54
DISCCART	730946.38	4052781.50	68.48	68.48
DISCCART	730946.38	4052806.50	68.42	68.42
DISCCART	730946.38	4052831.50	68.33	68.33
DISCCART	730946.38	4052856.50	68.24	68.24
DISCCART	730946.38	4052881.50	68.17	68.17
DISCCART	730946.38	4052906.50	68.10	68.10
DISCCART	730946.38	4052931.50	68.04	68.04
DISCCART	730946.38	4052956.50	67.95	67.95
DISCCART	730946.38	4052981.50	67.87	67.87
DISCCART	730946.38	4053006.50	67.84	67.84
DISCCART	730946.38	4053031.50	67.74	67.74
DISCCART	730946.38	4053056.50	67.65	67.65
DISCCART	730946.38	4053081.50	67.63	67.63
DISCCART	730946.38	4053106.50	67.54	67.54
DISCCART	730946.38	4053131.50	67.48	67.48
DISCCART	730946.38	4053156.50	67.44	67.44
DISCCART	730946.38	4053181.50	67.35	67.35
DISCCART	730946.38	4053206.50	67.30	67.30
DISCCART	730946.38	4053231.50	67.24	67.24
DISCCART	730946.38	4053256.50	67.16	67.16
DISCCART	730946.38	4053281.50	67.13	67.13
DISCCART	730946.38	4053306.50	67.04	67.04

DISCCART	730946.38	4053331.50	66.96	66.96
DISCCART	730946.38	4053356.50	66.94	66.94
DISCCART	730946.38	4053381.50	66.84	66.84
DISCCART	730946.38	4053406.50	66.80	66.80
DISCCART	730946.38	4053431.50	66.74	66.74
DISCCART	730946.38	4053456.50	66.65	66.65
DISCCART	730946.38	4053481.50	66.62	66.62
DISCCART	730946.38	4053506.50	66.54	66.54
DISCCART	730946.38	4053531.50	66.52	66.52
DISCCART	730946.38	4053556.50	66.44	66.44
DISCCART	730946.38	4053581.50	66.38	66.38
DISCCART	730946.38	4053606.50	66.34	66.34
DISCCART	730946.38	4053631.50	66.33	66.33
DISCCART	730946.38	4053656.50	66.24	66.24
DISCCART	730946.38	4053681.50	66.24	66.24
DISCCART	730946.38	4053706.50	66.15	66.15
DISCCART	730946.38	4053731.50	66.14	66.14
DISCCART	730946.38	4053756.50	66.10	66.10
DISCCART	730946.38	4053781.50	66.04	66.04
DISCCART	730946.38	4053806.50	66.04	66.04
DISCCART	730946.38	4053831.50	65.98	65.98
DISCCART	730946.38	4053856.50	65.94	65.94
DISCCART	730946.38	4053881.50	65.88	65.88
DISCCART	730946.38	4053906.50	65.85	65.85
DISCCART	730946.38	4053931.50	65.84	65.84
DISCCART	730946.38	4053956.50	65.83	65.83
DISCCART	730946.38	4053981.50	65.74	65.74
DISCCART	730946.38	4054006.50	65.70	65.70
DISCCART	730946.38	4054031.50	65.64	65.64
DISCCART	730946.38	4054056.50	65.64	65.64
DISCCART	730946.38	4054081.50	65.62	65.62
DISCCART	730946.38	4054106.50	65.56	65.56
DISCCART	730946.38	4054131.50	65.54	65.54
DISCCART	730946.38	4054156.50	65.44	65.44
DISCCART	730946.38	4054181.50	65.44	65.44
DISCCART	730946.38	4054206.50	65.44	65.44
DISCCART	730946.38	4054231.50	65.42	65.42
DISCCART	730946.38	4054256.50	65.35	65.35
DISCCART	730946.38	4054281.50	65.34	65.34
DISCCART	730946.38	4054306.50	65.34	65.34
DISCCART	730946.38	4054331.50	65.34	65.34
DISCCART	730946.38	4054356.50	65.34	65.34
DISCCART	730946.38	4054381.50	65.32	65.32
DISCCART	730946.38	4054406.50	65.30	65.30
DISCCART	730946.38	4054431.50	65.26	65.26
DISCCART	730946.38	4054456.50	65.25	65.25
DISCCART	730946.38	4054481.50	65.24	65.24
DISCCART	730946.38	4054506.50	65.24	65.24
DISCCART	730946.38	4054531.50	65.24	65.24
DISCCART	730946.38	4054556.50	65.24	65.24
DISCCART	730946.38	4054581.50	65.24	65.24
DISCCART	730946.38	4054606.50	65.24	65.24
DISCCART	730946.38	4054631.50	65.24	65.24
DISCCART	730946.38	4054656.50	65.20	65.20
DISCCART	730946.38	4054681.50	65.14	65.14
DISCCART	730946.38	4054706.50	65.14	65.14
DISCCART	730946.38	4054731.50	65.04	65.04
DISCCART	730946.38	4054756.50	65.00	65.00
DISCCART	730946.38	4054781.50	64.94	64.94
DISCCART	730946.38	4054806.50	64.91	64.91
DISCCART	730946.38	4054831.50	64.84	64.84
DISCCART	730946.38	4054856.50	64.75	64.75
DISCCART	730946.38	4054881.50	64.67	64.67
DISCCART	730946.38	4054906.50	64.64	64.64
DISCCART	730946.38	4054931.50	64.64	64.64
DISCCART	730946.38	4054956.50	64.64	64.64
DISCCART	730946.38	4054981.50	64.66	64.66
DISCCART	730946.38	4055006.50	64.67	64.67
DISCCART	730946.38	4055031.50	64.72	64.72
DISCCART	730946.38	4055056.50	64.74	64.74
DISCCART	730946.38	4055081.50	64.74	64.74
DISCCART	730946.38	4055106.50	64.74	64.74
DISCCART	730946.38	4055131.50	64.74	64.74
DISCCART	730946.38	4055156.50	64.74	64.74
DISCCART	730946.38	4055181.50	64.74	64.74
DISCCART	730946.38	4055206.50	64.74	64.74
DISCCART	730946.38	4055231.50	64.75	64.75
DISCCART	730946.38	4055256.50	64.75	64.75
DISCCART	730946.38	4055281.50	64.82	64.82
DISCCART	730946.38	4055306.50	64.82	64.82
DISCCART	730946.38	4055331.50	64.84	64.84
DISCCART	730971.38	4052331.50	69.74	69.74
DISCCART	730971.38	4052356.50	69.62	69.62
DISCCART	730971.38	4052381.50	69.48	69.48
DISCCART	730971.38	4052406.50	69.44	69.44
DISCCART	730971.38	4052431.50	69.44	69.44
DISCCART	730971.38	4052456.50	69.44	69.44
DISCCART	730971.38	4052481.50	69.44	69.44
DISCCART	730971.38	4052506.50	69.36	69.36
DISCCART	730971.38	4052531.50	69.27	69.27
DISCCART	730971.38	4052556.50	69.20	69.20
DISCCART	730971.38	4052581.50	69.14	69.14
DISCCART	730971.38	4052606.50	69.04	69.04
DISCCART	730971.38	4052631.50	68.94	68.94
DISCCART	730971.38	4052656.50	68.84	68.84
DISCCART	730971.38	4052681.50	68.75	68.75
DISCCART	730971.38	4052706.50	68.67	68.67
DISCCART	730971.38	4052731.50	68.60	68.60
DISCCART	730971.38	4052756.50	68.53	68.53
DISCCART	730971.38	4052781.50	68.44	68.44
DISCCART	730971.38	4052806.50	68.35	68.35
DISCCART	730971.38	4052831.50	68.28	68.28
DISCCART	730971.38	4052856.50	68.20	68.20
DISCCART	730971.38	4052881.50	68.14	68.14
DISCCART	730971.38	4052906.50	68.05	68.05
DISCCART	730971.38	4052931.50	67.97	67.97
DISCCART	730971.38	4052956.50	67.92	67.92
DISCCART	730971.38	4052981.50	67.84	67.84
DISCCART	730971.38	4053006.50	67.74	67.74
DISCCART	730971.38	4053031.50	67.70	67.70
DISCCART	730971.38	4053056.50	67.64	67.64
DISCCART	730971.38	4053081.50	67.56	67.56
DISCCART	730971.38	4053106.50	67.52	67.52
DISCCART	730971.38	4053131.50	67.44	67.44
DISCCART	730971.38	4053156.50	67.34	67.34

DISCCART	730971.38	4053181.50	67.30	67.30
DISCCART	730971.38	4053206.50	67.24	67.24
DISCCART	730971.38	4053231.50	67.16	67.16
DISCCART	730971.38	4053256.50	67.12	67.12
DISCCART	730971.38	4053281.50	67.05	67.05
DISCCART	730971.38	4053306.50	66.97	66.97
DISCCART	730971.38	4053331.50	66.94	66.94
DISCCART	730971.38	4053356.50	66.84	66.84
DISCCART	730971.38	4053381.50	66.84	66.84
DISCCART	730971.38	4053406.50	66.74	66.74
DISCCART	730971.38	4053431.50	66.70	66.70
DISCCART	730971.38	4053456.50	66.64	66.64
DISCCART	730971.38	4053481.50	66.56	66.56
DISCCART	730971.38	4053506.50	66.53	66.53
DISCCART	730971.38	4053531.50	66.44	66.44
DISCCART	730971.38	4053556.50	66.37	66.37
DISCCART	730971.38	4053581.50	66.34	66.34
DISCCART	730971.38	4053606.50	66.32	66.32
DISCCART	730971.38	4053631.50	66.24	66.24
DISCCART	730971.38	4053656.50	66.24	66.24
DISCCART	730971.38	4053681.50	66.15	66.15
DISCCART	730971.38	4053706.50	66.14	66.14
DISCCART	730971.38	4053731.50	66.10	66.10
DISCCART	730971.38	4053756.50	66.04	66.04
DISCCART	730971.38	4053781.50	66.00	66.00
DISCCART	730971.38	4053806.50	65.98	65.98
DISCCART	730971.38	4053831.50	65.94	65.94
DISCCART	730971.38	4053856.50	65.87	65.87
DISCCART	730971.38	4053881.50	65.84	65.84
DISCCART	730971.38	4053906.50	65.81	65.81
DISCCART	730971.38	4053931.50	65.80	65.80
DISCCART	730971.38	4053956.50	65.74	65.74
DISCCART	730971.38	4053981.50	65.74	65.74
DISCCART	730971.38	4054006.50	65.63	65.63
DISCCART	730971.38	4054031.50	65.58	65.58
DISCCART	730971.38	4054056.50	65.55	65.55
DISCCART	730971.38	4054081.50	65.54	65.54
DISCCART	730971.38	4054106.50	65.52	65.52
DISCCART	730971.38	4054131.50	65.48	65.48
DISCCART	730971.38	4054156.50	65.44	65.44
DISCCART	730971.38	4054181.50	65.44	65.44
DISCCART	730971.38	4054206.50	65.34	65.34
DISCCART	730971.38	4054231.50	65.34	65.34
DISCCART	730971.38	4054256.50	65.34	65.34
DISCCART	730971.38	4054281.50	65.34	65.34
DISCCART	730971.38	4054306.50	65.32	65.32
DISCCART	730971.38	4054331.50	65.29	65.29
DISCCART	730971.38	4054356.50	65.25	65.25
DISCCART	730971.38	4054381.50	65.24	65.24
DISCCART	730971.38	4054406.50	65.24	65.24
DISCCART	730971.38	4054431.50	65.24	65.24
DISCCART	730971.38	4054456.50	65.24	65.24
DISCCART	730971.38	4054481.50	65.24	65.24
DISCCART	730971.38	4054506.50	65.24	65.24
DISCCART	730971.38	4054531.50	65.24	65.24
DISCCART	730971.38	4054556.50	65.24	65.24
DISCCART	730971.38	4054581.50	65.21	65.21
DISCCART	730971.38	4054606.50	65.19	65.19
DISCCART	730971.38	4054631.50	65.16	65.16
DISCCART	730971.38	4054656.50	65.14	65.14
DISCCART	730971.38	4054681.50	65.14	65.14
DISCCART	730971.38	4054706.50	65.14	65.14
DISCCART	730971.38	4054731.50	65.04	65.04
DISCCART	730971.38	4054756.50	65.00	65.00
DISCCART	730971.38	4054781.50	64.94	64.94
DISCCART	730971.38	4054806.50	64.91	64.91
DISCCART	730971.38	4054831.50	64.84	64.84
DISCCART	730971.38	4054856.50	64.74	64.74
DISCCART	730971.38	4054881.50	64.68	64.68
DISCCART	730971.38	4054906.50	64.64	64.64
DISCCART	730971.38	4054931.50	64.64	64.64
DISCCART	730971.38	4054956.50	64.64	64.64
DISCCART	730971.38	4054981.50	64.64	64.64
DISCCART	730971.38	4055006.50	64.64	64.64
DISCCART	730971.38	4055031.50	64.64	64.64
DISCCART	730971.38	4055056.50	64.64	64.64
DISCCART	730971.38	4055081.50	64.64	64.64
DISCCART	730971.38	4055106.50	64.68	64.68
DISCCART	730971.38	4055131.50	64.68	64.68
DISCCART	730971.38	4055156.50	64.68	64.68
DISCCART	730971.38	4055181.50	64.74	64.74
DISCCART	730971.38	4055206.50	64.74	64.74
DISCCART	730971.38	4055231.50	64.74	64.74
DISCCART	730971.38	4055256.50	64.74	64.74
DISCCART	730971.38	4055281.50	64.74	64.74
DISCCART	730971.38	4055306.50	64.74	64.74
DISCCART	730971.38	4055331.50	64.77	64.77
DISCCART	730996.38	4052331.50	69.74	69.74
DISCCART	730996.38	4052356.50	69.62	69.62
DISCCART	730996.38	4052381.50	69.48	69.48
DISCCART	730996.38	4052406.50	69.44	69.44
DISCCART	730996.38	4052431.50	69.44	69.44
DISCCART	730996.38	4052456.50	69.44	69.44
DISCCART	730996.38	4052481.50	69.42	69.42
DISCCART	730996.38	4052506.50	69.34	69.34
DISCCART	730996.38	4052531.50	69.24	69.24
DISCCART	730996.38	4052556.50	69.15	69.15
DISCCART	730996.38	4052581.50	69.06	69.06
DISCCART	730996.38	4052606.50	69.00	69.00
DISCCART	730996.38	4052631.50	68.88	68.88
DISCCART	730996.38	4052656.50	68.83	68.83
DISCCART	730996.38	4052681.50	68.73	68.73
DISCCART	730996.38	4052706.50	68.64	68.64
DISCCART	730996.38	4052731.50	68.54	68.54
DISCCART	730996.38	4052756.50	68.45	68.45
DISCCART	730996.38	4052781.50	68.39	68.39
DISCCART	730996.38	4052806.50	68.31	68.31
DISCCART	730996.38	4052831.50	68.24	68.24
DISCCART	730996.38	4052856.50	68.15	68.15
DISCCART	730996.38	4052881.50	68.06	68.06
DISCCART	730996.38	4052906.50	68.00	68.00
DISCCART	730996.38	4052931.50	67.94	67.94
DISCCART	730996.38	4052956.50	67.85	67.85
DISCCART	730996.38	4052981.50	67.77	67.77
DISCCART	730996.38	4053006.50	67.74	67.74

DISCCART	730996.38	4053031.50	67.64	67.64
DISCCART	730996.38	4053056.50	67.55	67.55
DISCCART	730996.38	4053081.50	67.53	67.53
DISCCART	730996.38	4053106.50	67.44	67.44
DISCCART	730996.38	4053131.50	67.38	67.38
DISCCART	730996.38	4053156.50	67.34	67.34
DISCCART	730996.38	4053181.50	67.25	67.25
DISCCART	730996.38	4053206.50	67.20	67.20
DISCCART	730996.38	4053231.50	67.14	67.14
DISCCART	730996.38	4053256.50	67.06	67.06
DISCCART	730996.38	4053281.50	67.03	67.03
DISCCART	730996.38	4053306.50	66.94	66.94
DISCCART	730996.38	4053331.50	66.86	66.86
DISCCART	730996.38	4053356.50	66.84	66.84
DISCCART	730996.38	4053381.50	66.74	66.74
DISCCART	730996.38	4053406.50	66.71	66.71
DISCCART	730996.38	4053431.50	66.64	66.64
DISCCART	730996.38	4053456.50	66.55	66.55
DISCCART	730996.38	4053481.50	66.52	66.52
DISCCART	730996.38	4053506.50	66.44	66.44
DISCCART	730996.38	4053531.50	66.38	66.38
DISCCART	730996.38	4053556.50	66.34	66.34
DISCCART	730996.38	4053581.50	66.33	66.33
DISCCART	730996.38	4053606.50	66.24	66.24
DISCCART	730996.38	4053631.50	66.24	66.24
DISCCART	730996.38	4053656.50	66.15	66.15
DISCCART	730996.38	4053681.50	66.14	66.14
DISCCART	730996.38	4053706.50	66.12	66.12
DISCCART	730996.38	4053731.50	66.04	66.04
DISCCART	730996.38	4053756.50	66.04	66.04
DISCCART	730996.38	4053781.50	65.94	65.94
DISCCART	730996.38	4053806.50	65.94	65.94
DISCCART	730996.38	4053831.50	65.88	65.88
DISCCART	730996.38	4053856.50	65.84	65.84
DISCCART	730996.38	4053881.50	65.79	65.79
DISCCART	730996.38	4053906.50	65.74	65.74
DISCCART	730996.38	4053931.50	65.74	65.74
DISCCART	730996.38	4053956.50	65.70	65.70
DISCCART	730996.38	4053981.50	65.64	65.64
DISCCART	730996.38	4054006.50	65.59	65.59
DISCCART	730996.38	4054031.50	65.54	65.54
DISCCART	730996.38	4054056.50	65.52	65.52
DISCCART	730996.38	4054081.50	65.46	65.46
DISCCART	730996.38	4054106.50	65.44	65.44
DISCCART	730996.38	4054131.50	65.35	65.35
DISCCART	730996.38	4054156.50	65.34	65.34
DISCCART	730996.38	4054181.50	65.34	65.34
DISCCART	730996.38	4054206.50	65.34	65.34
DISCCART	730996.38	4054231.50	65.28	65.28
DISCCART	730996.38	4054256.50	65.25	65.25
DISCCART	730996.38	4054281.50	65.24	65.24
DISCCART	730996.38	4054306.50	65.24	65.24
DISCCART	730996.38	4054331.50	65.24	65.24
DISCCART	730996.38	4054356.50	65.24	65.24
DISCCART	730996.38	4054381.50	65.22	65.22
DISCCART	730996.38	4054406.50	65.22	65.22
DISCCART	730996.38	4054431.50	65.17	65.17
DISCCART	730996.38	4054456.50	65.16	65.16
DISCCART	730996.38	4054481.50	65.16	65.16
DISCCART	730996.38	4054506.50	65.15	65.15
DISCCART	730996.38	4054531.50	65.15	65.15
DISCCART	730996.38	4054556.50	65.14	65.14
DISCCART	730996.38	4054581.50	65.14	65.14
DISCCART	730996.38	4054606.50	65.14	65.14
DISCCART	730996.38	4054631.50	65.14	65.14
DISCCART	730996.38	4054656.50	65.14	65.14
DISCCART	730996.38	4054681.50	65.14	65.14
DISCCART	730996.38	4054706.50	65.11	65.11
DISCCART	730996.38	4054731.50	65.04	65.04
DISCCART	730996.38	4054756.50	65.04	65.04
DISCCART	730996.38	4054781.50	64.94	64.94
DISCCART	730996.38	4054806.50	64.91	64.91
DISCCART	730996.38	4054831.50	64.84	64.84
DISCCART	730996.38	4054856.50	64.82	64.82
DISCCART	730996.38	4054881.50	64.68	64.68
DISCCART	730996.38	4054906.50	64.64	64.64
DISCCART	730996.38	4054931.50	64.63	64.63
DISCCART	730996.38	4054956.50	64.56	64.56
DISCCART	730996.38	4054981.50	64.56	64.56
DISCCART	730996.38	4055006.50	64.62	64.62
DISCCART	730996.38	4055031.50	64.64	64.64
DISCCART	730996.38	4055056.50	64.64	64.64
DISCCART	730996.38	4055081.50	64.64	64.64
DISCCART	730996.38	4055106.50	64.64	64.64
DISCCART	730996.38	4055131.50	64.64	64.64
DISCCART	730996.38	4055156.50	64.64	64.64
DISCCART	730996.38	4055181.50	64.64	64.64
DISCCART	730996.38	4055206.50	64.64	64.64
DISCCART	730996.38	4055231.50	64.65	64.65
DISCCART	730996.38	4055256.50	64.72	64.72
DISCCART	730996.38	4055281.50	64.73	64.73
DISCCART	730996.38	4055306.50	64.74	64.74
DISCCART	730996.38	4055331.50	64.74	64.74
DISCCART	731021.38	4052331.50	69.73	69.73
DISCCART	731021.38	4052356.50	69.62	69.62
DISCCART	731021.38	4052381.50	69.49	69.49
DISCCART	731021.38	4052406.50	69.44	69.44
DISCCART	731021.38	4052431.50	69.44	69.44
DISCCART	731021.38	4052456.50	69.44	69.44
DISCCART	731021.38	4052481.50	69.37	69.37
DISCCART	731021.38	4052506.50	69.28	69.28
DISCCART	731021.38	4052531.50	69.20	69.20
DISCCART	731021.38	4052556.50	69.12	69.12
DISCCART	731021.38	4052581.50	69.04	69.04
DISCCART	731021.38	4052606.50	68.94	68.94
DISCCART	731021.38	4052631.50	68.84	68.84
DISCCART	731021.38	4052656.50	68.74	68.74
DISCCART	731021.38	4052681.50	68.66	68.66
DISCCART	731021.38	4052706.50	68.57	68.57
DISCCART	731021.38	4052731.50	68.50	68.50
DISCCART	731021.38	4052756.50	68.44	68.44
DISCCART	731021.38	4052781.50	68.34	68.34
DISCCART	731021.38	4052806.50	68.26	68.26
DISCCART	731021.38	4052831.50	68.17	68.17
DISCCART	731021.38	4052856.50	68.12	68.12

DISCCART	731021.38	4052881.50	68.04	68.04
DISCCART	731021.38	4052906.50	67.95	67.95
DISCCART	731021.38	4052931.50	67.85	67.85
DISCCART	731021.38	4052956.50	67.83	67.83
DISCCART	731021.38	4052981.50	67.74	67.74
DISCCART	731021.38	4053006.50	67.64	67.64
DISCCART	731021.38	4053031.50	67.60	67.60
DISCCART	731021.38	4053056.50	67.54	67.54
DISCCART	731021.38	4053081.50	67.44	67.44
DISCCART	731021.38	4053106.50	67.38	67.38
DISCCART	731021.38	4053131.50	67.34	67.34
DISCCART	731021.38	4053156.50	67.25	67.25
DISCCART	731021.38	4053181.50	67.20	67.20
DISCCART	731021.38	4053206.50	67.14	67.14
DISCCART	731021.38	4053231.50	67.05	67.05
DISCCART	731021.38	4053256.50	67.02	67.02
DISCCART	731021.38	4053281.50	66.94	66.94
DISCCART	731021.38	4053306.50	66.87	66.87
DISCCART	731021.38	4053331.50	66.84	66.84
DISCCART	731021.38	4053356.50	66.74	66.74
DISCCART	731021.38	4053381.50	66.70	66.70
DISCCART	731021.38	4053406.50	66.64	66.64
DISCCART	731021.38	4053431.50	66.56	66.56
DISCCART	731021.38	4053456.50	66.53	66.53
DISCCART	731021.38	4053481.50	66.44	66.44
DISCCART	731021.38	4053506.50	66.38	66.38
DISCCART	731021.38	4053531.50	66.34	66.34
DISCCART	731021.38	4053556.50	66.32	66.32
DISCCART	731021.38	4053581.50	66.24	66.24
DISCCART	731021.38	4053606.50	66.24	66.24
DISCCART	731021.38	4053631.50	66.15	66.15
DISCCART	731021.38	4053656.50	66.14	66.14
DISCCART	731021.38	4053681.50	66.14	66.14
DISCCART	731021.38	4053706.50	66.04	66.04
DISCCART	731021.38	4053731.50	66.04	66.04
DISCCART	731021.38	4053756.50	65.94	65.94
DISCCART	731021.38	4053781.50	65.94	65.94
DISCCART	731021.38	4053806.50	65.84	65.84
DISCCART	731021.38	4053831.50	65.83	65.83
DISCCART	731021.38	4053856.50	65.82	65.82
DISCCART	731021.38	4053881.50	65.74	65.74
DISCCART	731021.38	4053906.50	65.67	65.67
DISCCART	731021.38	4053931.50	65.67	65.67
DISCCART	731021.38	4053956.50	65.64	65.64
DISCCART	731021.38	4053981.50	65.60	65.60
DISCCART	731021.38	4054006.50	65.51	65.51
DISCCART	731021.38	4054031.50	65.44	65.44
DISCCART	731021.38	4054056.50	65.44	65.44
DISCCART	731021.38	4054081.50	65.44	65.44
DISCCART	731021.38	4054106.50	65.38	65.38
DISCCART	731021.38	4054131.50	65.34	65.34
DISCCART	731021.38	4054156.50	65.34	65.34
DISCCART	731021.38	4054181.50	65.31	65.31
DISCCART	731021.38	4054206.50	65.25	65.25
DISCCART	731021.38	4054231.50	65.24	65.24
DISCCART	731021.38	4054256.50	65.24	65.24
DISCCART	731021.38	4054281.50	65.21	65.21
DISCCART	731021.38	4054306.50	65.19	65.19
DISCCART	731021.38	4054331.50	65.14	65.14
DISCCART	731021.38	4054356.50	65.14	65.14
DISCCART	731021.38	4054381.50	65.14	65.14
DISCCART	731021.38	4054406.50	65.14	65.14
DISCCART	731021.38	4054431.50	65.14	65.14
DISCCART	731021.38	4054456.50	65.14	65.14
DISCCART	731021.38	4054481.50	65.14	65.14
DISCCART	731021.38	4054506.50	65.14	65.14
DISCCART	731021.38	4054531.50	65.14	65.14
DISCCART	731021.38	4054556.50	65.14	65.14
DISCCART	731021.38	4054581.50	65.14	65.14
DISCCART	731021.38	4054606.50	65.14	65.14
DISCCART	731021.38	4054631.50	65.13	65.13
DISCCART	731021.38	4054656.50	65.09	65.09
DISCCART	731021.38	4054681.50	65.05	65.05
DISCCART	731021.38	4054706.50	65.04	65.04
DISCCART	731021.38	4054731.50	65.04	65.04
DISCCART	731021.38	4054756.50	65.04	65.04
DISCCART	731021.38	4054781.50	64.94	64.94
DISCCART	731021.38	4054806.50	64.92	64.92
DISCCART	731021.38	4054831.50	64.84	64.84
DISCCART	731021.38	4054856.50	64.82	64.82
DISCCART	731021.38	4054881.50	64.74	64.74
DISCCART	731021.38	4054906.50	64.64	64.64
DISCCART	731021.38	4054931.50	64.54	64.54
DISCCART	731021.38	4054956.50	64.54	64.54
DISCCART	731021.38	4054981.50	64.54	64.54
DISCCART	731021.38	4055006.50	64.54	64.54
DISCCART	731021.38	4055031.50	64.54	64.54
DISCCART	731021.38	4055056.50	64.54	64.54
DISCCART	731021.38	4055081.50	64.57	64.57
DISCCART	731021.38	4055106.50	64.55	64.55
DISCCART	731021.38	4055131.50	64.58	64.58
DISCCART	731021.38	4055156.50	64.65	64.65
DISCCART	731021.38	4055181.50	64.64	64.64
DISCCART	731021.38	4055206.50	64.64	64.64
DISCCART	731021.38	4055231.50	64.64	64.64
DISCCART	731021.38	4055256.50	64.64	64.64
DISCCART	731021.38	4055281.50	64.64	64.64
DISCCART	731021.38	4055306.50	64.65	64.65
DISCCART	731021.38	4055331.50	64.69	64.69
DISCCART	731046.38	4052331.50	69.73	69.73
DISCCART	731046.38	4052356.50	69.61	69.61
DISCCART	731046.38	4052381.50	69.48	69.48
DISCCART	731046.38	4052406.50	69.44	69.44
DISCCART	731046.38	4052431.50	69.44	69.44
DISCCART	731046.38	4052456.50	69.44	69.44
DISCCART	731046.38	4052481.50	69.34	69.34
DISCCART	731046.38	4052506.50	69.24	69.24
DISCCART	731046.38	4052531.50	69.15	69.15
DISCCART	731046.38	4052556.50	69.06	69.06
DISCCART	731046.38	4052581.50	68.96	68.96
DISCCART	731046.38	4052606.50	68.90	68.90
DISCCART	731046.38	4052631.50	68.82	68.82
DISCCART	731046.38	4052656.50	68.73	68.73
DISCCART	731046.38	4052681.50	68.63	68.63
DISCCART	731046.38	4052706.50	68.54	68.54

DISCCART	731046.38	4052731.50	68.44	68.44
DISCCART	731046.38	4052756.50	68.36	68.36
DISCCART	731046.38	4052781.50	68.32	68.32
DISCCART	731046.38	4052806.50	68.24	68.24
DISCCART	731046.38	4052831.50	68.14	68.14
DISCCART	731046.38	4052856.50	68.05	68.05
DISCCART	731046.38	4052881.50	67.97	67.97
DISCCART	731046.38	4052906.50	67.91	67.91
DISCCART	731046.38	4052931.50	67.84	67.84
DISCCART	731046.38	4052956.50	67.74	67.74
DISCCART	731046.38	4052981.50	67.67	67.67
DISCCART	731046.38	4053006.50	67.64	67.64
DISCCART	731046.38	4053031.50	67.54	67.54
DISCCART	731046.38	4053056.50	67.45	67.45
DISCCART	731046.38	4053081.50	67.42	67.42
DISCCART	731046.38	4053106.50	67.34	67.34
DISCCART	731046.38	4053131.50	67.28	67.28
DISCCART	731046.38	4053156.50	67.21	67.21
DISCCART	731046.38	4053181.50	67.14	67.14
DISCCART	731046.38	4053206.50	67.06	67.06
DISCCART	731046.38	4053231.50	67.03	67.03
DISCCART	731046.38	4053256.50	66.94	66.94
DISCCART	731046.38	4053281.50	66.87	66.87
DISCCART	731046.38	4053306.50	66.84	66.84
DISCCART	731046.38	4053331.50	66.74	66.74
DISCCART	731046.38	4053356.50	66.74	66.74
DISCCART	731046.38	4053381.50	66.64	66.64
DISCCART	731046.38	4053406.50	66.61	66.61
DISCCART	731046.38	4053431.50	66.54	66.54
DISCCART	731046.38	4053456.50	66.46	66.46
DISCCART	731046.38	4053481.50	66.42	66.42
DISCCART	731046.38	4053506.50	66.34	66.34
DISCCART	731046.38	4053531.50	66.32	66.32
DISCCART	731046.38	4053556.50	66.24	66.24
DISCCART	731046.38	4053581.50	66.24	66.24
DISCCART	731046.38	4053606.50	66.15	66.15
DISCCART	731046.38	4053631.50	66.14	66.14
DISCCART	731046.38	4053656.50	66.11	66.11
DISCCART	731046.38	4053681.50	66.04	66.04
DISCCART	731046.38	4053706.50	66.04	66.04
DISCCART	731046.38	4053731.50	65.98	65.98
DISCCART	731046.38	4053756.50	65.94	65.94
DISCCART	731046.38	4053781.50	65.88	65.88
DISCCART	731046.38	4053806.50	65.84	65.84
DISCCART	731046.38	4053831.50	65.77	65.77
DISCCART	731046.38	4053856.50	65.71	65.71
DISCCART	731046.38	4053881.50	65.73	65.73
DISCCART	731046.38	4053906.50	65.64	65.64
DISCCART	731046.38	4053931.50	65.54	65.54
DISCCART	731046.38	4053956.50	65.55	65.55
DISCCART	731046.38	4053981.50	65.54	65.54
DISCCART	731046.38	4054006.50	65.43	65.43
DISCCART	731046.38	4054031.50	65.42	65.42
DISCCART	731046.38	4054056.50	65.41	65.41
DISCCART	731046.38	4054081.50	65.35	65.35
DISCCART	731046.38	4054106.50	65.26	65.26
DISCCART	731046.38	4054131.50	65.26	65.26
DISCCART	731046.38	4054156.50	65.24	65.24
DISCCART	731046.38	4054181.50	65.24	65.24
DISCCART	731046.38	4054206.50	65.23	65.23
DISCCART	731046.38	4054231.50	65.15	65.15
DISCCART	731046.38	4054256.50	65.14	65.14
DISCCART	731046.38	4054281.50	65.14	65.14
DISCCART	731046.38	4054306.50	65.14	65.14
DISCCART	731046.38	4054331.50	65.14	65.14
DISCCART	731046.38	4054356.50	65.12	65.12
DISCCART	731046.38	4054381.50	65.12	65.12
DISCCART	731046.38	4054406.50	65.12	65.12
DISCCART	731046.38	4054431.50	65.12	65.12
DISCCART	731046.38	4054456.50	65.06	65.06
DISCCART	731046.38	4054481.50	65.06	65.06
DISCCART	731046.38	4054506.50	65.05	65.05
DISCCART	731046.38	4054531.50	65.05	65.05
DISCCART	731046.38	4054556.50	65.05	65.05
DISCCART	731046.38	4054581.50	65.04	65.04
DISCCART	731046.38	4054606.50	65.04	65.04
DISCCART	731046.38	4054631.50	65.04	65.04
DISCCART	731046.38	4054656.50	65.04	65.04
DISCCART	731046.38	4054681.50	65.04	65.04
DISCCART	731046.38	4054706.50	65.04	65.04
DISCCART	731046.38	4054731.50	65.04	65.04
DISCCART	731046.38	4054756.50	65.00	65.00
DISCCART	731046.38	4054781.50	64.94	64.94
DISCCART	731046.38	4054806.50	64.94	64.94
DISCCART	731046.38	4054831.50	64.84	64.84
DISCCART	731046.38	4054856.50	64.82	64.82
DISCCART	731046.38	4054881.50	64.73	64.73
DISCCART	731046.38	4054906.50	64.64	64.64
DISCCART	731046.38	4054931.50	64.54	64.54
DISCCART	731046.38	4054956.50	64.54	64.54
DISCCART	731046.38	4054981.50	64.54	64.54
DISCCART	731046.38	4055006.50	64.54	64.54
DISCCART	731046.38	4055031.50	64.54	64.54
DISCCART	731046.38	4055056.50	64.54	64.54
DISCCART	731046.38	4055081.50	64.54	64.54
DISCCART	731046.38	4055106.50	64.54	64.54
DISCCART	731046.38	4055131.50	64.54	64.54
DISCCART	731046.38	4055156.50	64.54	64.54
DISCCART	731046.38	4055181.50	64.54	64.54
DISCCART	731046.38	4055206.50	64.55	64.55
DISCCART	731046.38	4055231.50	64.60	64.60
DISCCART	731046.38	4055256.50	64.62	64.62
DISCCART	731046.38	4055281.50	64.64	64.64
DISCCART	731046.38	4055306.50	64.64	64.64
DISCCART	731046.38	4055331.50	64.64	64.64
DISCCART	731071.38	4052331.50	69.73	69.73
DISCCART	731071.38	4052356.50	69.61	69.61
DISCCART	731071.38	4052381.50	69.48	69.48
DISCCART	731071.38	4052406.50	69.44	69.44
DISCCART	731071.38	4052431.50	69.44	69.44
DISCCART	731071.38	4052456.50	69.38	69.38
DISCCART	731071.38	4052481.50	69.30	69.30
DISCCART	731071.38	4052506.50	69.20	69.20
DISCCART	731071.38	4052531.50	69.14	69.14
DISCCART	731071.38	4052556.50	69.03	69.03

DISCCART	731071.38	4052581.50	68.94	68.94
DISCCART	731071.38	4052606.50	68.84	68.84
DISCCART	731071.38	4052631.50	68.76	68.76
DISCCART	731071.38	4052656.50	68.64	68.64
DISCCART	731071.38	4052681.50	68.59	68.59
DISCCART	731071.38	4052706.50	68.51	68.51
DISCCART	731071.38	4052731.50	68.43	68.43
DISCCART	731071.38	4052756.50	68.34	68.34
DISCCART	731071.38	4052781.50	68.24	68.24
DISCCART	731071.38	4052806.50	68.18	68.18
DISCCART	731071.38	4052831.50	68.10	68.10
DISCCART	731071.38	4052856.50	68.02	68.02
DISCCART	731071.38	4052881.50	67.94	67.94
DISCCART	731071.38	4052906.50	67.84	67.84
DISCCART	731071.38	4052931.50	67.77	67.77
DISCCART	731071.38	4052956.50	67.73	67.73
DISCCART	731071.38	4052981.50	67.64	67.64
DISCCART	731071.38	4053006.50	67.54	67.54
DISCCART	731071.38	4053031.50	67.51	67.51
DISCCART	731071.38	4053056.50	67.44	67.44
DISCCART	731071.38	4053081.50	67.34	67.34
DISCCART	731071.38	4053106.50	67.28	67.28
DISCCART	731071.38	4053131.50	67.24	67.24
DISCCART	731071.38	4053156.50	67.15	67.15
DISCCART	731071.38	4053181.50	67.07	67.07
DISCCART	731071.38	4053206.50	67.02	67.02
DISCCART	731071.38	4053231.50	66.94	66.94
DISCCART	731071.38	4053256.50	66.87	66.87
DISCCART	731071.38	4053281.50	66.84	66.84
DISCCART	731071.38	4053306.50	66.77	66.77
DISCCART	731071.38	4053331.50	66.74	66.74
DISCCART	731071.38	4053356.50	66.64	66.64
DISCCART	731071.38	4053381.50	66.60	66.60
DISCCART	731071.38	4053406.50	66.54	66.54
DISCCART	731071.38	4053431.50	66.46	66.46
DISCCART	731071.38	4053456.50	66.42	66.42
DISCCART	731071.38	4053481.50	66.34	66.34
DISCCART	731071.38	4053506.50	66.34	66.34
DISCCART	731071.38	4053531.50	66.25	66.25
DISCCART	731071.38	4053556.50	66.24	66.24
DISCCART	731071.38	4053581.50	66.20	66.20
DISCCART	731071.38	4053606.50	66.14	66.14
DISCCART	731071.38	4053631.50	66.14	66.14
DISCCART	731071.38	4053656.50	66.04	66.04
DISCCART	731071.38	4053681.50	66.04	66.04
DISCCART	731071.38	4053706.50	65.94	65.94
DISCCART	731071.38	4053731.50	65.94	65.94
DISCCART	731071.38	4053756.50	65.89	65.89
DISCCART	731071.38	4053781.50	65.84	65.84
DISCCART	731071.38	4053806.50	65.82	65.82
DISCCART	731071.38	4053831.50	65.74	65.74
DISCCART	731071.38	4053856.50	65.66	65.66
DISCCART	731071.38	4053881.50	65.58	65.58
DISCCART	731071.38	4053906.50	65.60	65.60
DISCCART	731071.38	4053931.50	65.50	65.50
DISCCART	731071.38	4053956.50	65.48	65.48
DISCCART	731071.38	4053981.50	65.45	65.45
DISCCART	731071.38	4054006.50	65.41	65.41
DISCCART	731071.38	4054031.50	65.33	65.33
DISCCART	731071.38	4054056.50	65.34	65.34
DISCCART	731071.38	4054081.50	65.30	65.30
DISCCART	731071.38	4054106.50	65.24	65.24
DISCCART	731071.38	4054131.50	65.24	65.24
DISCCART	731071.38	4054156.50	65.18	65.18
DISCCART	731071.38	4054181.50	65.16	65.16
DISCCART	731071.38	4054206.50	65.14	65.14
DISCCART	731071.38	4054231.50	65.14	65.14
DISCCART	731071.38	4054256.50	65.12	65.12
DISCCART	731071.38	4054281.50	65.09	65.09
DISCCART	731071.38	4054306.50	65.04	65.04
DISCCART	731071.38	4054331.50	65.04	65.04
DISCCART	731071.38	4054356.50	65.04	65.04
DISCCART	731071.38	4054381.50	65.04	65.04
DISCCART	731071.38	4054406.50	65.04	65.04
DISCCART	731071.38	4054431.50	65.04	65.04
DISCCART	731071.38	4054456.50	65.04	65.04
DISCCART	731071.38	4054481.50	65.04	65.04
DISCCART	731071.38	4054506.50	65.04	65.04
DISCCART	731071.38	4054531.50	65.04	65.04
DISCCART	731071.38	4054556.50	65.04	65.04
DISCCART	731071.38	4054581.50	65.04	65.04
DISCCART	731071.38	4054606.50	65.04	65.04
DISCCART	731071.38	4054631.50	65.04	65.04
DISCCART	731071.38	4054656.50	65.04	65.04
DISCCART	731071.38	4054681.50	65.04	65.04
DISCCART	731071.38	4054706.50	64.99	64.99
DISCCART	731071.38	4054731.50	64.99	64.99
DISCCART	731071.38	4054756.50	64.94	64.94
DISCCART	731071.38	4054781.50	64.94	64.94
DISCCART	731071.38	4054806.50	64.94	64.94
DISCCART	731071.38	4054831.50	64.84	64.84
DISCCART	731071.38	4054856.50	64.82	64.82
DISCCART	731071.38	4054881.50	64.68	64.68
DISCCART	731071.38	4054906.50	64.63	64.63
DISCCART	731071.38	4054931.50	64.54	64.54
DISCCART	731071.38	4054956.50	64.54	64.54
DISCCART	731071.38	4054981.50	64.49	64.49
DISCCART	731071.38	4055006.50	64.44	64.44
DISCCART	731071.38	4055031.50	64.44	64.44
DISCCART	731071.38	4055056.50	64.46	64.46
DISCCART	731071.38	4055081.50	64.45	64.45
DISCCART	731071.38	4055106.50	64.46	64.46
DISCCART	731071.38	4055131.50	64.48	64.48
DISCCART	731071.38	4055156.50	64.54	64.54
DISCCART	731071.38	4055181.50	64.54	64.54
DISCCART	731071.38	4055206.50	64.54	64.54
DISCCART	731071.38	4055231.50	64.54	64.54
DISCCART	731071.38	4055256.50	64.54	64.54
DISCCART	731071.38	4055281.50	64.54	64.54
DISCCART	731071.38	4055306.50	64.56	64.56
DISCCART	731071.38	4055331.50	64.62	64.62
DISCCART	731096.38	4052331.50	69.68	69.68
DISCCART	731096.38	4052356.50	69.61	69.61
DISCCART	731096.38	4052381.50	69.48	69.48
DISCCART	731096.38	4052406.50	69.44	69.44

DISCCART	731096.38	4052431.50	69.44	69.44
DISCCART	731096.38	4052456.50	69.34	69.34
DISCCART	731096.38	4052481.50	69.25	69.25
DISCCART	731096.38	4052506.50	69.15	69.15
DISCCART	731096.38	4052531.50	69.06	69.06
DISCCART	731096.38	4052556.50	68.95	68.95
DISCCART	731096.38	4052581.50	68.89	68.89
DISCCART	731096.38	4052606.50	68.83	68.83
DISCCART	731096.38	4052631.50	68.72	68.72
DISCCART	731096.38	4052656.50	68.64	68.64
DISCCART	731096.38	4052681.50	68.54	68.54
DISCCART	731096.38	4052706.50	68.45	68.45
DISCCART	731096.38	4052731.50	68.37	68.37
DISCCART	731096.38	4052756.50	68.30	68.30
DISCCART	731096.38	4052781.50	68.23	68.23
DISCCART	731096.38	4052806.50	68.14	68.14
DISCCART	731096.38	4052831.50	68.04	68.04
DISCCART	731096.38	4052856.50	67.96	67.96
DISCCART	731096.38	4052881.50	67.87	67.87
DISCCART	731096.38	4052906.50	67.82	67.82
DISCCART	731096.38	4052931.50	67.74	67.74
DISCCART	731096.38	4052956.50	67.64	67.64
DISCCART	731096.38	4052981.50	67.58	67.58
DISCCART	731096.38	4053006.50	67.54	67.54
DISCCART	731096.38	4053031.50	67.44	67.44
DISCCART	731096.38	4053056.50	67.35	67.35
DISCCART	731096.38	4053081.50	67.32	67.32
DISCCART	731096.38	4053106.50	67.24	67.24
DISCCART	731096.38	4053131.50	67.15	67.15
DISCCART	731096.38	4053156.50	67.10	67.10
DISCCART	731096.38	4053181.50	67.04	67.04
DISCCART	731096.38	4053206.50	66.96	66.96
DISCCART	731096.38	4053231.50	66.93	66.93
DISCCART	731096.38	4053256.50	66.84	66.84
DISCCART	731096.38	4053281.50	66.77	66.77
DISCCART	731096.38	4053306.50	66.74	66.74
DISCCART	731096.38	4053331.50	66.64	66.64
DISCCART	731096.38	4053356.50	66.61	66.61
DISCCART	731096.38	4053381.50	66.54	66.54
DISCCART	731096.38	4053406.50	66.46	66.46
DISCCART	731096.38	4053431.50	66.43	66.43
DISCCART	731096.38	4053456.50	66.34	66.34
DISCCART	731096.38	4053481.50	66.34	66.34
DISCCART	731096.38	4053506.50	66.26	66.26
DISCCART	731096.38	4053531.50	66.24	66.24
DISCCART	731096.38	4053556.50	66.21	66.21
DISCCART	731096.38	4053581.50	66.14	66.14
DISCCART	731096.38	4053606.50	66.14	66.14
DISCCART	731096.38	4053631.50	66.04	66.04
DISCCART	731096.38	4053656.50	66.04	66.04
DISCCART	731096.38	4053681.50	65.98	65.98
DISCCART	731096.38	4053706.50	65.94	65.94
DISCCART	731096.38	4053731.50	65.89	65.89
DISCCART	731096.38	4053756.50	65.84	65.84
DISCCART	731096.38	4053781.50	65.78	65.78
DISCCART	731096.38	4053806.50	65.74	65.74
DISCCART	731096.38	4053831.50	65.71	65.71
DISCCART	731096.38	4053856.50	65.64	65.64
DISCCART	731096.38	4053881.50	65.54	65.54
DISCCART	731096.38	4053906.50	65.44	65.44
DISCCART	731096.38	4053931.50	65.46	65.46
DISCCART	731096.38	4053956.50	65.35	65.35
DISCCART	731096.38	4053981.50	65.44	65.44
DISCCART	731096.38	4054006.50	65.32	65.32
DISCCART	731096.38	4054031.50	65.30	65.30
DISCCART	731096.38	4054056.50	65.25	65.25
DISCCART	731096.38	4054081.50	65.16	65.16
DISCCART	731096.38	4054106.50	65.21	65.21
DISCCART	731096.38	4054131.50	65.16	65.16
DISCCART	731096.38	4054156.50	65.14	65.14
DISCCART	731096.38	4054181.50	65.14	65.14
DISCCART	731096.38	4054206.50	65.10	65.10
DISCCART	731096.38	4054231.50	65.05	65.05
DISCCART	731096.38	4054256.50	65.04	65.04
DISCCART	731096.38	4054281.50	65.04	65.04
DISCCART	731096.38	4054306.50	65.03	65.03
DISCCART	731096.38	4054331.50	65.02	65.02
DISCCART	731096.38	4054356.50	65.02	65.02
DISCCART	731096.38	4054381.50	64.97	64.97
DISCCART	731096.38	4054406.50	64.96	64.96
DISCCART	731096.38	4054431.50	64.96	64.96
DISCCART	731096.38	4054456.50	64.96	64.96
DISCCART	731096.38	4054481.50	64.95	64.95
DISCCART	731096.38	4054506.50	64.95	64.95
DISCCART	731096.38	4054531.50	64.95	64.95
DISCCART	731096.38	4054556.50	64.95	64.95
DISCCART	731096.38	4054581.50	64.94	64.94
DISCCART	731096.38	4054606.50	64.94	64.94
DISCCART	731096.38	4054631.50	64.94	64.94
DISCCART	731096.38	4054656.50	64.94	64.94
DISCCART	731096.38	4054681.50	64.94	64.94
DISCCART	731096.38	4054706.50	64.94	64.94
DISCCART	731096.38	4054731.50	64.94	64.94
DISCCART	731096.38	4054756.50	64.94	64.94
DISCCART	731096.38	4054781.50	64.94	64.94
DISCCART	731096.38	4054806.50	64.94	64.94
DISCCART	731096.38	4054831.50	64.84	64.84
DISCCART	731096.38	4054856.50	64.82	64.82
DISCCART	731096.38	4054881.50	64.69	64.69
DISCCART	731096.38	4054906.50	64.61	64.61
DISCCART	731096.38	4054931.50	64.54	64.54
DISCCART	731096.38	4054956.50	64.46	64.46
DISCCART	731096.38	4054981.50	64.44	64.44
DISCCART	731096.38	4055006.50	64.44	64.44
DISCCART	731096.38	4055031.50	64.44	64.44
DISCCART	731096.38	4055056.50	64.44	64.44
DISCCART	731096.38	4055081.50	64.44	64.44
DISCCART	731096.38	4055106.50	64.44	64.44
DISCCART	731096.38	4055131.50	64.44	64.44
DISCCART	731096.38	4055156.50	64.44	64.44
DISCCART	731096.38	4055181.50	64.45	64.45
DISCCART	731096.38	4055206.50	64.45	64.45
DISCCART	731096.38	4055231.50	64.52	64.52
DISCCART	731096.38	4055256.50	64.52	64.52
DISCCART	731096.38	4055281.50	64.54	64.54

DISCCART	731096.38	4055306.50	64.54	64.54
DISCCART	731096.38	4055331.50	64.54	64.54
DISCCART	731121.38	4052331.50	69.58	69.58
DISCCART	731121.38	4052356.50	69.55	69.55
DISCCART	731121.38	4052381.50	69.47	69.47
DISCCART	731121.38	4052406.50	69.40	69.40
DISCCART	731121.38	4052431.50	69.34	69.34
DISCCART	731121.38	4052456.50	69.28	69.28
DISCCART	731121.38	4052481.50	69.20	69.20
DISCCART	731121.38	4052506.50	69.11	69.11
DISCCART	731121.38	4052531.50	69.04	69.04
DISCCART	731121.38	4052556.50	68.93	68.93
DISCCART	731121.38	4052581.50	68.84	68.84
DISCCART	731121.38	4052606.50	68.74	68.74
DISCCART	731121.38	4052631.50	68.64	68.64
DISCCART	731121.38	4052656.50	68.55	68.55
DISCCART	731121.38	4052681.50	68.49	68.49
DISCCART	731121.38	4052706.50	68.40	68.40
DISCCART	731121.38	4052731.50	68.33	68.33
DISCCART	731121.38	4052756.50	68.24	68.24
DISCCART	731121.38	4052781.50	68.14	68.14
DISCCART	731121.38	4052806.50	68.08	68.08
DISCCART	731121.38	4052831.50	68.00	68.00
DISCCART	731121.38	4052856.50	67.93	67.93
DISCCART	731121.38	4052881.50	67.84	67.84
DISCCART	731121.38	4052906.50	67.74	67.74
DISCCART	731121.38	4052931.50	67.68	67.68
DISCCART	731121.38	4052956.50	67.63	67.63
DISCCART	731121.38	4052981.50	67.54	67.54
DISCCART	731121.38	4053006.50	67.44	67.44
DISCCART	731121.38	4053031.50	67.41	67.41
DISCCART	731121.38	4053056.50	67.33	67.33
DISCCART	731121.38	4053081.50	67.24	67.24
DISCCART	731121.38	4053106.50	67.18	67.18
DISCCART	731121.38	4053131.50	67.10	67.10
DISCCART	731121.38	4053156.50	67.04	67.04
DISCCART	731121.38	4053181.50	66.95	66.95
DISCCART	731121.38	4053206.50	66.92	66.92
DISCCART	731121.38	4053231.50	66.84	66.84
DISCCART	731121.38	4053256.50	66.77	66.77
DISCCART	731121.38	4053281.50	66.74	66.74
DISCCART	731121.38	4053306.50	66.64	66.64
DISCCART	731121.38	4053331.50	66.60	66.60
DISCCART	731121.38	4053356.50	66.54	66.54
DISCCART	731121.38	4053381.50	66.50	66.50
DISCCART	731121.38	4053406.50	66.44	66.44
DISCCART	731121.38	4053431.50	66.36	66.36
DISCCART	731121.38	4053456.50	66.34	66.34
DISCCART	731121.38	4053481.50	66.30	66.30
DISCCART	731121.38	4053506.50	66.24	66.24
DISCCART	731121.38	4053531.50	66.24	66.24
DISCCART	731121.38	4053556.50	66.15	66.15
DISCCART	731121.38	4053581.50	66.14	66.14
DISCCART	731121.38	4053606.50	66.07	66.07
DISCCART	731121.38	4053631.50	66.04	66.04
DISCCART	731121.38	4053656.50	66.03	66.03
DISCCART	731121.38	4053681.50	65.94	65.94
DISCCART	731121.38	4053706.50	65.94	65.94
DISCCART	731121.38	4053731.50	65.84	65.84
DISCCART	731121.38	4053756.50	65.83	65.83
DISCCART	731121.38	4053781.50	65.74	65.74
DISCCART	731121.38	4053806.50	65.66	65.66
DISCCART	731121.38	4053831.50	65.58	65.58
DISCCART	731121.38	4053856.50	65.54	65.54
DISCCART	731121.38	4053881.50	65.50	65.50
DISCCART	731121.38	4053906.50	65.40	65.40
DISCCART	731121.38	4053931.50	65.34	65.34
DISCCART	731121.38	4053956.50	65.31	65.31
DISCCART	731121.38	4053981.50	65.23	65.23
DISCCART	731121.38	4054006.50	65.31	65.31
DISCCART	731121.38	4054031.50	65.20	65.20
DISCCART	731121.38	4054056.50	65.22	65.22
DISCCART	731121.38	4054081.50	65.14	65.14
DISCCART	731121.38	4054106.50	65.14	65.14
DISCCART	731121.38	4054131.50	65.14	65.14
DISCCART	731121.38	4054156.50	65.09	65.09
DISCCART	731121.38	4054181.50	65.04	65.04
DISCCART	731121.38	4054206.50	65.04	65.04
DISCCART	731121.38	4054231.50	65.04	65.04
DISCCART	731121.38	4054256.50	64.97	64.97
DISCCART	731121.38	4054281.50	64.94	64.94
DISCCART	731121.38	4054306.50	64.94	64.94
DISCCART	731121.38	4054331.50	64.94	64.94
DISCCART	731121.38	4054356.50	64.94	64.94
DISCCART	731121.38	4054381.50	64.94	64.94
DISCCART	731121.38	4054406.50	64.94	64.94
DISCCART	731121.38	4054431.50	64.94	64.94
DISCCART	731121.38	4054456.50	64.94	64.94
DISCCART	731121.38	4054481.50	64.94	64.94
DISCCART	731121.38	4054506.50	64.94	64.94
DISCCART	731121.38	4054531.50	64.94	64.94
DISCCART	731121.38	4054556.50	64.94	64.94
DISCCART	731121.38	4054581.50	64.94	64.94
DISCCART	731121.38	4054606.50	64.94	64.94
DISCCART	731121.38	4054631.50	64.94	64.94
DISCCART	731121.38	4054656.50	64.94	64.94
DISCCART	731121.38	4054681.50	64.94	64.94
DISCCART	731121.38	4054706.50	64.94	64.94
DISCCART	731121.38	4054731.50	64.94	64.94
DISCCART	731121.38	4054756.50	64.93	64.93
DISCCART	731121.38	4054781.50	64.88	64.88
DISCCART	731121.38	4054806.50	64.88	64.88
DISCCART	731121.38	4054831.50	64.84	64.84
DISCCART	731121.38	4054856.50	64.81	64.81
DISCCART	731121.38	4054881.50	64.68	64.68
DISCCART	731121.38	4054906.50	64.60	64.60
DISCCART	731121.38	4054931.50	64.54	64.54
DISCCART	731121.38	4054956.50	64.45	64.45
DISCCART	731121.38	4054981.50	64.44	64.44
DISCCART	731121.38	4055006.50	64.44	64.44
DISCCART	731121.38	4055031.50	64.39	64.39
DISCCART	731121.38	4055056.50	64.34	64.34
DISCCART	731121.38	4055081.50	64.34	64.34
DISCCART	731121.38	4055106.50	64.38	64.38
DISCCART	731121.38	4055131.50	64.44	64.44

DISCCART	731121.38	4055156.50	64.44	64.44
DISCCART	731121.38	4055181.50	64.44	64.44
DISCCART	731121.38	4055206.50	64.44	64.44
DISCCART	731121.38	4055231.50	64.44	64.44
DISCCART	731121.38	4055256.50	64.44	64.44
DISCCART	731121.38	4055281.50	64.44	64.44
DISCCART	731121.38	4055306.50	64.48	64.48
DISCCART	731121.38	4055331.50	64.54	64.54
DISCCART	731146.38	4052331.50	69.45	69.45
DISCCART	731146.38	4052356.50	69.45	69.45
DISCCART	731146.38	4052381.50	69.44	69.44
DISCCART	731146.38	4052406.50	69.40	69.40
DISCCART	731146.38	4052431.50	69.26	69.26
DISCCART	731146.38	4052456.50	69.21	69.21
DISCCART	731146.38	4052481.50	69.14	69.14
DISCCART	731146.38	4052506.50	69.04	69.04
DISCCART	731146.38	4052531.50	68.97	68.97
DISCCART	731146.38	4052556.50	68.90	68.90
DISCCART	731146.38	4052581.50	68.79	68.79
DISCCART	731146.38	4052606.50	68.70	68.70
DISCCART	731146.38	4052631.50	68.62	68.62
DISCCART	731146.38	4052656.50	68.54	68.54
DISCCART	731146.38	4052681.50	68.44	68.44
DISCCART	731146.38	4052706.50	68.36	68.36
DISCCART	731146.38	4052731.50	68.27	68.27
DISCCART	731146.38	4052756.50	68.19	68.19
DISCCART	731146.38	4052781.50	68.13	68.13
DISCCART	731146.38	4052806.50	68.04	68.04
DISCCART	731146.38	4052831.50	67.94	67.94
DISCCART	731146.38	4052856.50	67.85	67.85
DISCCART	731146.38	4052881.50	67.78	67.78
DISCCART	731146.38	4052906.50	67.73	67.73
DISCCART	731146.38	4052931.50	67.64	67.64
DISCCART	731146.38	4052956.50	67.54	67.54
DISCCART	731146.38	4052981.50	67.48	67.48
DISCCART	731146.38	4053006.50	67.41	67.41
DISCCART	731146.38	4053031.50	67.34	67.34
DISCCART	731146.38	4053056.50	67.26	67.26
DISCCART	731146.38	4053081.50	67.18	67.18
DISCCART	731146.38	4053106.50	67.14	67.14
DISCCART	731146.38	4053131.50	67.05	67.05
DISCCART	731146.38	4053156.50	66.96	66.96
DISCCART	731146.38	4053181.50	66.93	66.93
DISCCART	731146.38	4053206.50	66.84	66.84
DISCCART	731146.38	4053231.50	66.77	66.77
DISCCART	731146.38	4053256.50	66.74	66.74
DISCCART	731146.38	4053281.50	66.64	66.64
DISCCART	731146.38	4053306.50	66.61	66.61
DISCCART	731146.38	4053331.50	66.54	66.54
DISCCART	731146.38	4053356.50	66.45	66.45
DISCCART	731146.38	4053381.50	66.44	66.44
DISCCART	731146.38	4053406.50	66.36	66.36
DISCCART	731146.38	4053431.50	66.34	66.34
DISCCART	731146.38	4053456.50	66.30	66.30
DISCCART	731146.38	4053481.50	66.24	66.24
DISCCART	731146.38	4053506.50	66.24	66.24
DISCCART	731146.38	4053531.50	66.16	66.16
DISCCART	731146.38	4053556.50	66.14	66.14
DISCCART	731146.38	4053581.50	66.13	66.13
DISCCART	731146.38	4053606.50	66.04	66.04
DISCCART	731146.38	4053631.50	66.03	66.03
DISCCART	731146.38	4053656.50	65.94	65.94
DISCCART	731146.38	4053681.50	65.94	65.94
DISCCART	731146.38	4053706.50	65.85	65.85
DISCCART	731146.38	4053731.50	65.84	65.84
DISCCART	731146.38	4053756.50	65.76	65.76
DISCCART	731146.38	4053781.50	65.72	65.72
DISCCART	731146.38	4053806.50	65.65	65.65
DISCCART	731146.38	4053831.50	65.55	65.55
DISCCART	731146.38	4053856.50	65.46	65.46
DISCCART	731146.38	4053881.50	65.36	65.36
DISCCART	731146.38	4053906.50	65.34	65.34
DISCCART	731146.38	4053931.50	65.26	65.26
DISCCART	731146.38	4053956.50	65.15	65.15
DISCCART	731146.38	4053981.50	65.15	65.15
DISCCART	731146.38	4054006.50	65.14	65.14
DISCCART	731146.38	4054031.50	65.12	65.12
DISCCART	731146.38	4054056.50	65.05	65.05
DISCCART	731146.38	4054081.50	65.09	65.09
DISCCART	731146.38	4054106.50	65.06	65.06
DISCCART	731146.38	4054131.50	65.04	65.04
DISCCART	731146.38	4054156.50	65.04	65.04
DISCCART	731146.38	4054181.50	65.03	65.03
DISCCART	731146.38	4054206.50	64.96	64.96
DISCCART	731146.38	4054231.50	64.94	64.94
DISCCART	731146.38	4054256.50	64.94	64.94
DISCCART	731146.38	4054281.50	64.93	64.93
DISCCART	731146.38	4054306.50	64.85	64.85
DISCCART	731146.38	4054331.50	64.86	64.86
DISCCART	731146.38	4054356.50	64.86	64.86
DISCCART	731146.38	4054381.50	64.86	64.86
DISCCART	731146.38	4054406.50	64.86	64.86
DISCCART	731146.38	4054431.50	64.86	64.86
DISCCART	731146.38	4054456.50	64.86	64.86
DISCCART	731146.38	4054481.50	64.85	64.85
DISCCART	731146.38	4054506.50	64.85	64.85
DISCCART	731146.38	4054531.50	64.84	64.84
DISCCART	731146.38	4054556.50	64.84	64.84
DISCCART	731146.38	4054581.50	64.84	64.84
DISCCART	731146.38	4054606.50	64.84	64.84
DISCCART	731146.38	4054631.50	64.84	64.84
DISCCART	731146.38	4054656.50	64.84	64.84
DISCCART	731146.38	4054681.50	64.84	64.84
DISCCART	731146.38	4054706.50	64.84	64.84
DISCCART	731146.38	4054731.50	64.84	64.84
DISCCART	731146.38	4054756.50	64.84	64.84
DISCCART	731146.38	4054781.50	64.84	64.84
DISCCART	731146.38	4054806.50	64.84	64.84
DISCCART	731146.38	4054831.50	64.84	64.84
DISCCART	731146.38	4054856.50	64.81	64.81
DISCCART	731146.38	4054881.50	64.68	64.68
DISCCART	731146.38	4054906.50	64.60	64.60
DISCCART	731146.38	4054931.50	64.54	64.54
DISCCART	731146.38	4054956.50	64.44	64.44
DISCCART	731146.38	4054981.50	64.44	64.44

DISCCART	731146.38	4055006.50	64.34	64.34
DISCCART	731146.38	4055031.50	64.34	64.34
DISCCART	731146.38	4055056.50	64.34	64.34
DISCCART	731146.38	4055081.50	64.34	64.34
DISCCART	731146.38	4055106.50	64.34	64.34
DISCCART	731146.38	4055131.50	64.34	64.34
DISCCART	731146.38	4055156.50	64.34	64.34
DISCCART	731146.38	4055181.50	64.35	64.35
DISCCART	731146.38	4055206.50	64.35	64.35
DISCCART	731146.38	4055231.50	64.36	64.36
DISCCART	731146.38	4055256.50	64.43	64.43
DISCCART	731146.38	4055281.50	64.44	64.44
DISCCART	731146.38	4055306.50	64.44	64.44
DISCCART	731146.38	4055331.50	64.44	64.44
DISCCART	731171.38	4052331.50	69.44	69.44
DISCCART	731171.38	4052356.50	69.42	69.42
DISCCART	731171.38	4052381.50	69.35	69.35
DISCCART	731171.38	4052406.50	69.32	69.32
DISCCART	731171.38	4052431.50	69.24	69.24
DISCCART	731171.38	4052456.50	69.14	69.14
DISCCART	731171.38	4052481.50	69.07	69.07
DISCCART	731171.38	4052506.50	69.02	69.02
DISCCART	731171.38	4052531.50	68.90	68.90
DISCCART	731171.38	4052556.50	68.83	68.83
DISCCART	731171.38	4052581.50	68.70	68.70
DISCCART	731171.38	4052606.50	68.62	68.62
DISCCART	731171.38	4052631.50	68.53	68.53
DISCCART	731171.38	4052656.50	68.45	68.45
DISCCART	731171.38	4052681.50	68.35	68.35
DISCCART	731171.38	4052706.50	68.27	68.27
DISCCART	731171.38	4052731.50	68.20	68.20
DISCCART	731171.38	4052756.50	68.14	68.14
DISCCART	731171.38	4052781.50	68.04	68.04
DISCCART	731171.38	4052806.50	67.95	67.95
DISCCART	731171.38	4052831.50	67.90	67.90
DISCCART	731171.38	4052856.50	67.83	67.83
DISCCART	731171.38	4052881.50	67.74	67.74
DISCCART	731171.38	4052906.50	67.64	67.64
DISCCART	731171.38	4052931.50	67.59	67.59
DISCCART	731171.38	4052956.50	67.53	67.53
DISCCART	731171.38	4052981.50	67.44	67.44
DISCCART	731171.38	4053006.50	67.35	67.35
DISCCART	731171.38	4053031.50	67.28	67.28
DISCCART	731171.38	4053056.50	67.22	67.22
DISCCART	731171.38	4053081.50	67.14	67.14
DISCCART	731171.38	4053106.50	67.05	67.05
DISCCART	731171.38	4053131.50	67.00	67.00
DISCCART	731171.38	4053156.50	66.92	66.92
DISCCART	731171.38	4053181.50	66.84	66.84
DISCCART	731171.38	4053206.50	66.77	66.77
DISCCART	731171.38	4053231.50	66.74	66.74
DISCCART	731171.38	4053256.50	66.64	66.64
DISCCART	731171.38	4053281.50	66.60	66.60
DISCCART	731171.38	4053306.50	66.54	66.54
DISCCART	731171.38	4053331.50	66.46	66.46
DISCCART	731171.38	4053356.50	66.44	66.44
DISCCART	731171.38	4053381.50	66.36	66.36
DISCCART	731171.38	4053406.50	66.34	66.34
DISCCART	731171.38	4053431.50	66.30	66.30
DISCCART	731171.38	4053456.50	66.24	66.24
DISCCART	731171.38	4053481.50	66.24	66.24
DISCCART	731171.38	4053506.50	66.15	66.15
DISCCART	731171.38	4053531.50	66.14	66.14
DISCCART	731171.38	4053556.50	66.12	66.12
DISCCART	731171.38	4053581.50	66.04	66.04
DISCCART	731171.38	4053606.50	66.04	66.04
DISCCART	731171.38	4053631.50	65.94	65.94
DISCCART	731171.38	4053656.50	65.94	65.94
DISCCART	731171.38	4053681.50	65.86	65.86
DISCCART	731171.38	4053706.50	65.84	65.84
DISCCART	731171.38	4053731.50	65.76	65.76
DISCCART	731171.38	4053756.50	65.74	65.74
DISCCART	731171.38	4053781.50	65.66	65.66
DISCCART	731171.38	4053806.50	65.60	65.60
DISCCART	731171.38	4053831.50	65.54	65.54
DISCCART	731171.38	4053856.50	65.44	65.44
DISCCART	731171.38	4053881.50	65.34	65.34
DISCCART	731171.38	4053906.50	65.24	65.24
DISCCART	731171.38	4053931.50	65.16	65.16
DISCCART	731171.38	4053956.50	65.13	65.13
DISCCART	731171.38	4053981.50	65.04	65.04
DISCCART	731171.38	4054006.50	64.99	64.99
DISCCART	731171.38	4054031.50	64.99	64.99
DISCCART	731171.38	4054056.50	65.00	65.00
DISCCART	731171.38	4054081.50	65.04	65.04
DISCCART	731171.38	4054106.50	65.04	65.04
DISCCART	731171.38	4054131.50	65.04	65.04
DISCCART	731171.38	4054156.50	64.97	64.97
DISCCART	731171.38	4054181.50	64.94	64.94
DISCCART	731171.38	4054206.50	64.94	64.94
DISCCART	731171.38	4054231.50	64.90	64.90
DISCCART	731171.38	4054256.50	64.84	64.84
DISCCART	731171.38	4054281.50	64.84	64.84
DISCCART	731171.38	4054306.50	64.84	64.84
DISCCART	731171.38	4054331.50	64.84	64.84
DISCCART	731171.38	4054356.50	64.84	64.84
DISCCART	731171.38	4054381.50	64.84	64.84
DISCCART	731171.38	4054406.50	64.84	64.84
DISCCART	731171.38	4054431.50	64.84	64.84
DISCCART	731171.38	4054456.50	64.84	64.84
DISCCART	731171.38	4054481.50	64.84	64.84
DISCCART	731171.38	4054506.50	64.78	64.78
DISCCART	731171.38	4054531.50	64.78	64.78
DISCCART	731171.38	4054556.50	64.79	64.79
DISCCART	731171.38	4054581.50	64.79	64.79
DISCCART	731171.38	4054606.50	64.79	64.79
DISCCART	731171.38	4054631.50	64.79	64.79
DISCCART	731171.38	4054656.50	64.79	64.79
DISCCART	731171.38	4054681.50	64.79	64.79
DISCCART	731171.38	4054706.50	64.79	64.79
DISCCART	731171.38	4054731.50	64.78	64.78
DISCCART	731171.38	4054756.50	64.78	64.78
DISCCART	731171.38	4054781.50	64.78	64.78
DISCCART	731171.38	4054806.50	64.75	64.75
DISCCART	731171.38	4054831.50	64.74	64.74

DISCCART	731171.38	4054856.50	64.74	64.74
DISCCART	731171.38	4054881.50	64.68	64.68
DISCCART	731171.38	4054906.50	64.60	64.60
DISCCART	731171.38	4054931.50	64.54	64.54
DISCCART	731171.38	4054956.50	64.44	64.44
DISCCART	731171.38	4054981.50	64.36	64.36
DISCCART	731171.38	4055006.50	64.34	64.34
DISCCART	731171.38	4055031.50	64.30	64.30
DISCCART	731171.38	4055056.50	64.28	64.28
DISCCART	731171.38	4055081.50	64.32	64.32
DISCCART	731171.38	4055106.50	64.34	64.34
DISCCART	731171.38	4055131.50	64.34	64.34
DISCCART	731171.38	4055156.50	64.34	64.34
DISCCART	731171.38	4055181.50	64.34	64.34
DISCCART	731171.38	4055206.50	64.34	64.34
DISCCART	731171.38	4055231.50	64.34	64.34
DISCCART	731171.38	4055256.50	64.34	64.34
DISCCART	731171.38	4055281.50	64.37	64.37
DISCCART	731171.38	4055306.50	64.44	64.44
DISCCART	731171.38	4055331.50	64.44	64.44
DISCCART	731196.38	4052331.50	69.46	69.46
DISCCART	731196.38	4052356.50	69.45	69.45
DISCCART	731196.38	4052381.50	69.36	69.36
DISCCART	731196.38	4052406.50	69.25	69.25
DISCCART	731196.38	4052431.50	69.16	69.16
DISCCART	731196.38	4052456.50	69.12	69.12
DISCCART	731196.38	4052481.50	69.04	69.04
DISCCART	731196.38	4052506.50	68.94	68.94
DISCCART	731196.38	4052531.50	68.87	68.87
DISCCART	731196.38	4052556.50	68.76	68.76
DISCCART	731196.38	4052581.50	68.67	68.67
DISCCART	731196.38	4052606.50	68.60	68.60
DISCCART	731196.38	4052631.50	68.53	68.53
DISCCART	731196.38	4052656.50	68.44	68.44
DISCCART	731196.38	4052681.50	68.34	68.34
DISCCART	731196.38	4052706.50	68.25	68.25
DISCCART	731196.38	4052731.50	68.16	68.16
DISCCART	731196.38	4052756.50	68.10	68.10
DISCCART	731196.38	4052781.50	68.03	68.03
DISCCART	731196.38	4052806.50	67.94	67.94
DISCCART	731196.38	4052831.50	67.84	67.84
DISCCART	731196.38	4052856.50	67.75	67.75
DISCCART	731196.38	4052881.50	67.68	67.68
DISCCART	731196.38	4052906.50	67.63	67.63
DISCCART	731196.38	4052931.50	67.54	67.54
DISCCART	731196.38	4052956.50	67.45	67.45
DISCCART	731196.38	4052981.50	67.38	67.38
DISCCART	731196.38	4053006.50	67.30	67.30
DISCCART	731196.38	4053031.50	67.24	67.24
DISCCART	731196.38	4053056.50	67.15	67.15
DISCCART	731196.38	4053081.50	67.07	67.07
DISCCART	731196.38	4053106.50	67.01	67.01
DISCCART	731196.38	4053131.50	66.94	66.94
DISCCART	731196.38	4053156.50	66.85	66.85
DISCCART	731196.38	4053181.50	66.78	66.78
DISCCART	731196.38	4053206.50	66.74	66.74
DISCCART	731196.38	4053231.50	66.65	66.65
DISCCART	731196.38	4053256.50	66.61	66.61
DISCCART	731196.38	4053281.50	66.54	66.54
DISCCART	731196.38	4053306.50	66.45	66.45
DISCCART	731196.38	4053331.50	66.43	66.43
DISCCART	731196.38	4053356.50	66.34	66.34
DISCCART	731196.38	4053381.50	66.34	66.34
DISCCART	731196.38	4053406.50	66.30	66.30
DISCCART	731196.38	4053431.50	66.24	66.24
DISCCART	731196.38	4053456.50	66.23	66.23
DISCCART	731196.38	4053481.50	66.17	66.17
DISCCART	731196.38	4053506.50	66.14	66.14
DISCCART	731196.38	4053531.50	66.12	66.12
DISCCART	731196.38	4053556.50	66.04	66.04
DISCCART	731196.38	4053581.50	66.03	66.03
DISCCART	731196.38	4053606.50	65.94	65.94
DISCCART	731196.38	4053631.50	65.94	65.94
DISCCART	731196.38	4053656.50	65.91	65.91
DISCCART	731196.38	4053681.50	65.84	65.84
DISCCART	731196.38	4053706.50	65.80	65.80
DISCCART	731196.38	4053731.50	65.73	65.73
DISCCART	731196.38	4053756.50	65.70	65.70
DISCCART	731196.38	4053781.50	65.62	65.62
DISCCART	731196.38	4053806.50	65.53	65.53
DISCCART	731196.38	4053831.50	65.46	65.46
DISCCART	731196.38	4053856.50	65.40	65.40
DISCCART	731196.38	4053881.50	65.33	65.33
DISCCART	731196.38	4053906.50	65.24	65.24
DISCCART	731196.38	4053931.50	65.17	65.17
DISCCART	731196.38	4053956.50	65.05	65.05
DISCCART	731196.38	4053981.50	64.97	64.97
DISCCART	731196.38	4054006.50	64.91	64.91
DISCCART	731196.38	4054031.50	64.86	64.86
DISCCART	731196.38	4054056.50	64.94	64.94
DISCCART	731196.38	4054081.50	65.00	65.00
DISCCART	731196.38	4054106.50	64.97	64.97
DISCCART	731196.38	4054131.50	64.94	64.94
DISCCART	731196.38	4054156.50	64.94	64.94
DISCCART	731196.38	4054181.50	64.93	64.93
DISCCART	731196.38	4054206.50	64.85	64.85
DISCCART	731196.38	4054231.50	64.84	64.84
DISCCART	731196.38	4054256.50	64.83	64.83
DISCCART	731196.38	4054281.50	64.75	64.75
DISCCART	731196.38	4054306.50	64.74	64.74
DISCCART	731196.38	4054331.50	64.74	64.74
DISCCART	731196.38	4054356.50	64.74	64.74
DISCCART	731196.38	4054381.50	64.74	64.74
DISCCART	731196.38	4054406.50	64.74	64.74
DISCCART	731196.38	4054431.50	64.74	64.74
DISCCART	731196.38	4054456.50	64.74	64.74
DISCCART	731196.38	4054481.50	64.74	64.74
DISCCART	731196.38	4054506.50	64.74	64.74
DISCCART	731196.38	4054531.50	64.74	64.74
DISCCART	731196.38	4054781.50	64.72	64.72
DISCCART	731196.38	4054806.50	64.73	64.73
DISCCART	731196.38	4054831.50	64.73	64.73
DISCCART	731196.38	4054856.50	64.66	64.66
DISCCART	731196.38	4054881.50	64.64	64.64
DISCCART	731196.38	4054906.50	64.60	64.60

DISCCART	731196.38	4054931.50	64.53	64.53
DISCCART	731196.38	4054956.50	64.44	64.44
DISCCART	731196.38	4054981.50	64.34	64.34
DISCCART	731196.38	4055006.50	64.33	64.33
DISCCART	731196.38	4055031.50	64.24	64.24
DISCCART	731196.38	4055056.50	64.24	64.24
DISCCART	731196.38	4055081.50	64.24	64.24
DISCCART	731196.38	4055106.50	64.24	64.24
DISCCART	731196.38	4055131.50	64.24	64.24
DISCCART	731196.38	4055156.50	64.25	64.25
DISCCART	731196.38	4055181.50	64.24	64.24
DISCCART	731196.38	4055206.50	64.25	64.25
DISCCART	731196.38	4055231.50	64.32	64.32
DISCCART	731196.38	4055256.50	64.34	64.34
DISCCART	731196.38	4055281.50	64.34	64.34
DISCCART	731196.38	4055306.50	64.38	64.38
DISCCART	731196.38	4055331.50	64.44	64.44
DISCCART	731221.38	4052331.50	69.54	69.54
DISCCART	731221.38	4052356.50	69.45	69.45
DISCCART	731221.38	4052381.50	69.34	69.34
DISCCART	731221.38	4052406.50	69.24	69.24
DISCCART	731221.38	4052431.50	69.14	69.14
DISCCART	731221.38	4052456.50	69.04	69.04
DISCCART	731221.38	4052481.50	69.00	69.00
DISCCART	731221.38	4052506.50	68.92	68.92
DISCCART	731221.38	4052531.50	68.84	68.84
DISCCART	731221.38	4052556.50	68.73	68.73
DISCCART	731221.38	4052581.50	68.64	68.64
DISCCART	731221.38	4052606.50	68.55	68.55
DISCCART	731221.38	4052631.50	68.45	68.45
DISCCART	731221.38	4052656.50	68.37	68.37
DISCCART	731221.38	4052681.50	68.30	68.30
DISCCART	731221.38	4052706.50	68.20	68.20
DISCCART	731221.38	4052731.50	68.14	68.14
DISCCART	731221.38	4052756.50	68.04	68.04
DISCCART	731221.38	4052781.50	67.94	67.94
DISCCART	731221.38	4052806.50	67.84	67.84
DISCCART	731221.38	4052831.50	67.80	67.80
DISCCART	731221.38	4052856.50	67.73	67.73
DISCCART	731221.38	4052881.50	67.64	67.64
DISCCART	731221.38	4052906.50	67.55	67.55
DISCCART	731221.38	4052931.50	67.46	67.46
DISCCART	731221.38	4052956.50	67.41	67.41
DISCCART	731221.38	4052981.50	67.34	67.34
DISCCART	731221.38	4053006.50	67.25	67.25
DISCCART	731221.38	4053031.50	67.15	67.15
DISCCART	731221.38	4053056.50	67.10	67.10
DISCCART	731221.38	4053081.50	67.04	67.04
DISCCART	731221.38	4053106.50	66.94	66.94
DISCCART	731221.38	4053131.50	66.85	66.85
DISCCART	731221.38	4053156.50	66.83	66.83
DISCCART	731221.38	4053181.50	66.74	66.74
DISCCART	731221.38	4053206.50	66.64	66.64
DISCCART	731221.38	4053231.50	66.60	66.60
DISCCART	731221.38	4053256.50	66.54	66.54
DISCCART	731221.38	4053281.50	66.45	66.45
DISCCART	731221.38	4053306.50	66.43	66.43
DISCCART	731221.38	4053331.50	66.34	66.34
DISCCART	731221.38	4053356.50	66.34	66.34
DISCCART	731221.38	4053381.50	66.30	66.30
DISCCART	731221.38	4053406.50	66.24	66.24
DISCCART	731221.38	4053431.50	66.24	66.24
DISCCART	731221.38	4053456.50	66.15	66.15
DISCCART	731221.38	4053481.50	66.14	66.14
DISCCART	731221.38	4053506.50	66.13	66.13
DISCCART	731221.38	4053531.50	66.04	66.04
DISCCART	731221.38	4053556.50	66.04	66.04
DISCCART	731221.38	4053581.50	65.96	65.96
DISCCART	731221.38	4053606.50	65.94	65.94
DISCCART	731221.38	4053631.50	65.88	65.88
DISCCART	731221.38	4053656.50	65.84	65.84
DISCCART	731221.38	4053681.50	65.81	65.81
DISCCART	731221.38	4053706.50	65.74	65.74
DISCCART	731221.38	4053731.50	65.66	65.66
DISCCART	731221.38	4053756.50	65.60	65.60
DISCCART	731221.38	4053781.50	65.54	65.54
DISCCART	731221.38	4053956.50	65.04	65.04
DISCCART	731221.38	4053981.50	64.94	64.94
DISCCART	731221.38	4054006.50	64.85	64.85
DISCCART	731221.38	4054031.50	64.84	64.84
DISCCART	731221.38	4054056.50	64.93	64.93
DISCCART	731221.38	4054781.50	64.64	64.64
DISCCART	731221.38	4054806.50	64.64	64.64
DISCCART	731221.38	4054831.50	64.64	64.64
DISCCART	731221.38	4054856.50	64.64	64.64
DISCCART	731221.38	4054881.50	64.55	64.55
DISCCART	731221.38	4054906.50	64.54	64.54
DISCCART	731221.38	4054931.50	64.47	64.47
DISCCART	731221.38	4054956.50	64.43	64.43
DISCCART	731221.38	4054981.50	64.34	64.34
DISCCART	731221.38	4055006.50	64.24	64.24
DISCCART	731221.38	4055031.50	64.24	64.24
DISCCART	731221.38	4055056.50	64.24	64.24
DISCCART	731221.38	4055081.50	64.24	64.24
DISCCART	731221.38	4055106.50	64.24	64.24
DISCCART	731221.38	4055131.50	64.21	64.21
DISCCART	731221.38	4055156.50	64.24	64.24
DISCCART	731221.38	4055181.50	64.24	64.24
DISCCART	731221.38	4055206.50	64.24	64.24
DISCCART	731221.38	4055231.50	64.25	64.25
DISCCART	731221.38	4055256.50	64.34	64.34
DISCCART	731221.38	4055281.50	64.34	64.34
DISCCART	731221.38	4055306.50	64.34	64.34
DISCCART	731221.38	4055331.50	64.34	64.34
DISCCART	731246.38	4052331.50	69.54	69.54
DISCCART	731246.38	4052356.50	69.41	69.41
DISCCART	731246.38	4052381.50	69.33	69.33
DISCCART	731246.38	4052406.50	69.22	69.22
DISCCART	731246.38	4052431.50	69.13	69.13
DISCCART	731246.38	4052456.50	69.04	69.04
DISCCART	731246.38	4052481.50	68.93	68.93
DISCCART	731246.38	4052506.50	68.84	68.84
DISCCART	731246.38	4052531.50	68.77	68.77
DISCCART	731246.38	4052556.50	68.65	68.65
DISCCART	731246.38	4052581.50	68.58	68.58

DISCCART	731246.38	4052606.50	68.51	68.51
DISCCART	731246.38	4052631.50	68.44	68.44
DISCCART	731246.38	4052656.50	68.34	68.34
DISCCART	731246.38	4052681.50	68.24	68.24
DISCCART	731246.38	4052706.50	68.15	68.15
DISCCART	731246.38	4052731.50	68.06	68.06
DISCCART	731246.38	4052756.50	67.95	67.95
DISCCART	731246.38	4052781.50	67.88	67.88
DISCCART	731246.38	4052806.50	67.84	67.84
DISCCART	731246.38	4052831.50	67.74	67.74
DISCCART	731246.38	4052856.50	67.64	67.64
DISCCART	731246.38	4052881.50	67.58	67.58
DISCCART	731246.38	4052906.50	67.50	67.50
DISCCART	731246.38	4052931.50	67.43	67.43
DISCCART	731246.38	4052956.50	67.34	67.34
DISCCART	731246.38	4052981.50	67.27	67.27
DISCCART	731246.38	4053006.50	67.20	67.20
DISCCART	731246.38	4053031.50	67.13	67.13
DISCCART	731246.38	4053056.50	67.04	67.04
DISCCART	731246.38	4053081.50	66.94	66.94
DISCCART	731246.38	4053106.50	66.90	66.90
DISCCART	731246.38	4053131.50	66.82	66.82
DISCCART	731246.38	4053156.50	66.74	66.74
DISCCART	731246.38	4053181.50	66.68	66.68
DISCCART	731246.38	4053956.50	65.02	65.02
DISCCART	731246.38	4053981.50	64.94	64.94
DISCCART	731246.38	4054006.50	64.85	64.85
DISCCART	731246.38	4054031.50	64.84	64.84
DISCCART	731246.38	4054056.50	64.93	64.93
DISCCART	731246.38	4054781.50	64.54	64.54
DISCCART	731246.38	4054806.50	64.54	64.54
DISCCART	731246.38	4054831.50	64.54	64.54
DISCCART	731246.38	4054856.50	64.53	64.53
DISCCART	731246.38	4054881.50	64.45	64.45
DISCCART	731246.38	4054906.50	64.50	64.50
DISCCART	731246.38	4054931.50	64.45	64.45
DISCCART	731246.38	4054956.50	64.43	64.43
DISCCART	731246.38	4054981.50	64.32	64.32
DISCCART	731246.38	4055006.50	64.22	64.22
DISCCART	731246.38	4055031.50	64.23	64.23
DISCCART	731246.38	4055056.50	64.24	64.24
DISCCART	731246.38	4055081.50	64.22	64.22
DISCCART	731246.38	4055106.50	64.16	64.16
DISCCART	731246.38	4055131.50	64.14	64.14
DISCCART	731246.38	4055156.50	64.14	64.14
DISCCART	731246.38	4055181.50	64.22	64.22
DISCCART	731246.38	4055206.50	64.24	64.24
DISCCART	731246.38	4055231.50	64.24	64.24
DISCCART	731246.38	4055256.50	64.25	64.25
DISCCART	731246.38	4055281.50	64.31	64.31
DISCCART	731246.38	4055306.50	64.35	64.35
DISCCART	731246.38	4055331.50	64.33	64.33
DISCCART	731271.38	4052331.50	69.46	69.46
DISCCART	731271.38	4052356.50	69.37	69.37
DISCCART	731271.38	4052381.50	69.27	69.27
DISCCART	731271.38	4052406.50	69.22	69.22
DISCCART	731271.38	4052431.50	69.08	69.08
DISCCART	731271.38	4052456.50	69.02	69.02
DISCCART	731271.38	4052481.50	68.91	68.91
DISCCART	731271.38	4052506.50	68.84	68.84
DISCCART	731271.38	4052531.50	68.68	68.68
DISCCART	731271.38	4052556.50	68.62	68.62
DISCCART	731271.38	4052581.50	68.54	68.54
DISCCART	731271.38	4052606.50	68.45	68.45
DISCCART	731271.38	4052631.50	68.35	68.35
DISCCART	731271.38	4052656.50	68.27	68.27
DISCCART	731271.38	4052681.50	68.20	68.20
DISCCART	731271.38	4052706.50	68.11	68.11
DISCCART	731271.38	4052731.50	68.04	68.04
DISCCART	731271.38	4052756.50	67.94	67.94
DISCCART	731271.38	4052781.50	67.84	67.84
DISCCART	731271.38	4052806.50	67.74	67.74
DISCCART	731271.38	4053981.50	64.94	64.94
DISCCART	731271.38	4054006.50	64.86	64.86
DISCCART	731271.38	4054031.50	64.84	64.84
DISCCART	731271.38	4054056.50	64.84	64.84
DISCCART	731271.38	4054781.50	64.44	64.44
DISCCART	731271.38	4054806.50	64.44	64.44
DISCCART	731271.38	4054831.50	64.44	64.44
DISCCART	731271.38	4054856.50	64.44	64.44
DISCCART	731271.38	4054881.50	64.34	64.34
DISCCART	731271.38	4054906.50	64.42	64.42
DISCCART	731271.38	4054931.50	64.39	64.39
DISCCART	731271.38	4054956.50	64.34	64.34
DISCCART	731271.38	4054981.50	64.25	64.25
DISCCART	731271.38	4055006.50	64.19	64.19
DISCCART	731271.38	4055031.50	64.14	64.14
DISCCART	731271.38	4055056.50	64.14	64.14
DISCCART	731271.38	4055081.50	64.11	64.11
DISCCART	731271.38	4055106.50	64.10	64.10
DISCCART	731271.38	4055131.50	64.14	64.14
DISCCART	731271.38	4055156.50	64.14	64.14
DISCCART	731271.38	4055181.50	64.17	64.17
DISCCART	731271.38	4055206.50	64.23	64.23
DISCCART	731271.38	4055231.50	64.24	64.24
DISCCART	731271.38	4055256.50	64.24	64.24
DISCCART	731271.38	4055281.50	64.24	64.24
DISCCART	731271.38	4055306.50	64.24	64.24
DISCCART	731271.38	4055331.50	64.24	64.24
DISCCART	731296.38	4052331.50	69.47	69.47
DISCCART	731296.38	4052356.50	69.34	69.34
DISCCART	731296.38	4052381.50	69.24	69.24
DISCCART	731296.38	4052406.50	69.14	69.14
DISCCART	731296.38	4052431.50	69.04	69.04
DISCCART	731296.38	4052456.50	68.95	68.95
DISCCART	731296.38	4052481.50	68.89	68.89
DISCCART	731296.38	4052506.50	68.75	68.75
DISCCART	731296.38	4052531.50	68.65	68.65
DISCCART	731296.38	4052556.50	68.59	68.59
DISCCART	731296.38	4052581.50	68.47	68.47
DISCCART	731296.38	4052606.50	68.40	68.40
DISCCART	731296.38	4052631.50	68.34	68.34
DISCCART	731296.38	4052656.50	68.24	68.24
DISCCART	731296.38	4052681.50	68.14	68.14
DISCCART	731296.38	4052706.50	68.04	68.04

DISCCART	731296.38	4052731.50	67.97	67.97
DISCCART	731296.38	4052756.50	67.85	67.85
DISCCART	731296.38	4052781.50	67.79	67.79
DISCCART	731296.38	4052806.50	67.73	67.73
DISCCART	731296.38	4053981.50	64.94	64.94
DISCCART	731296.38	4054006.50	64.86	64.86
DISCCART	731296.38	4054031.50	64.83	64.83
DISCCART	731296.38	4054056.50	64.83	64.83
DISCCART	731296.38	4054781.50	64.33	64.33
DISCCART	731296.38	4054806.50	64.35	64.35
DISCCART	731296.38	4054831.50	64.35	64.35
DISCCART	731296.38	4054856.50	64.33	64.33
DISCCART	731296.38	4054881.50	64.22	64.22
DISCCART	731296.38	4054906.50	64.32	64.32
DISCCART	731296.38	4054931.50	64.28	64.28
DISCCART	731296.38	4054956.50	64.24	64.24
DISCCART	731296.38	4054981.50	64.16	64.16
DISCCART	731296.38	4055006.50	64.16	64.16
DISCCART	731296.38	4055031.50	64.15	64.15
DISCCART	731296.38	4055056.50	64.10	64.10
DISCCART	731296.38	4055081.50	64.04	64.04
DISCCART	731296.38	4055106.50	64.05	64.05
DISCCART	731296.38	4055131.50	64.14	64.14
DISCCART	731296.38	4055156.50	64.14	64.14
DISCCART	731296.38	4055181.50	64.14	64.14
DISCCART	731296.38	4055206.50	64.14	64.14
DISCCART	731296.38	4055231.50	64.16	64.16
DISCCART	731296.38	4055256.50	64.16	64.16
DISCCART	731296.38	4055281.50	64.14	64.14
DISCCART	731296.38	4055306.50	64.16	64.16
DISCCART	731296.38	4055331.50	64.20	64.20
DISCCART	731321.38	4052331.50	69.44	69.44
DISCCART	731321.38	4052356.50	69.34	69.34
DISCCART	731321.38	4052381.50	69.24	69.24
DISCCART	731321.38	4052406.50	69.12	69.12
DISCCART	731321.38	4052431.50	69.03	69.03
DISCCART	731321.38	4052456.50	68.94	68.94
DISCCART	731321.38	4052481.50	68.84	68.84
DISCCART	731321.38	4052506.50	68.66	68.66
DISCCART	731321.38	4052531.50	68.61	68.61
DISCCART	731321.38	4052556.50	68.55	68.55
DISCCART	731321.38	4052581.50	68.45	68.45
DISCCART	731321.38	4052606.50	68.35	68.35
DISCCART	731321.38	4052631.50	68.26	68.26
DISCCART	731321.38	4052656.50	68.17	68.17
DISCCART	731321.38	4052681.50	68.10	68.10
DISCCART	731321.38	4052706.50	68.03	68.03
DISCCART	731321.38	4052731.50	67.94	67.94
DISCCART	731321.38	4052756.50	67.84	67.84
DISCCART	731321.38	4052781.50	67.74	67.74
DISCCART	731321.38	4052806.50	67.65	67.65
DISCCART	731321.38	4053981.50	64.93	64.93
DISCCART	731321.38	4054006.50	64.84	64.84
DISCCART	731321.38	4054031.50	64.77	64.77
DISCCART	731321.38	4054056.50	64.74	64.74
DISCCART	731321.38	4054781.50	64.20	64.20
DISCCART	731321.38	4054806.50	64.24	64.24
DISCCART	731321.38	4054831.50	64.24	64.24
DISCCART	731321.38	4054856.50	64.19	64.19
DISCCART	731321.38	4054881.50	64.14	64.14
DISCCART	731321.38	4054906.50	64.19	64.19
DISCCART	731321.38	4054931.50	64.19	64.19
DISCCART	731321.38	4054956.50	64.03	64.03
DISCCART	731321.38	4054981.50	64.05	64.05
DISCCART	731321.38	4055006.50	64.14	64.14
DISCCART	731321.38	4055031.50	64.10	64.10
DISCCART	731321.38	4055056.50	64.04	64.04
DISCCART	731321.38	4055081.50	64.04	64.04
DISCCART	731321.38	4055106.50	64.04	64.04
DISCCART	731321.38	4055131.50	64.04	64.04
DISCCART	731321.38	4055156.50	64.08	64.08
DISCCART	731321.38	4055181.50	64.09	64.09
DISCCART	731321.38	4055206.50	64.07	64.07
DISCCART	731321.38	4055231.50	64.04	64.04
DISCCART	731321.38	4055256.50	64.09	64.09
DISCCART	731321.38	4055281.50	64.14	64.14
DISCCART	731321.38	4055306.50	64.14	64.14
DISCCART	731321.38	4055331.50	64.14	64.14
DISCCART	731346.38	4052331.50	69.38	69.38
DISCCART	731346.38	4052356.50	69.25	69.25
DISCCART	731346.38	4052381.50	69.18	69.18
DISCCART	731346.38	4052406.50	69.12	69.12
DISCCART	731346.38	4052431.50	68.94	68.94
DISCCART	731346.38	4052456.50	68.90	68.90
DISCCART	731346.38	4052481.50	68.80	68.80
DISCCART	731346.38	4052506.50	68.64	68.64
DISCCART	731346.38	4052531.50	68.55	68.55
DISCCART	731346.38	4052556.50	68.50	68.50
DISCCART	731346.38	4052581.50	68.44	68.44
DISCCART	731346.38	4052606.50	68.34	68.34
DISCCART	731346.38	4052631.50	68.24	68.24
DISCCART	731346.38	4052656.50	68.14	68.14
DISCCART	731346.38	4052681.50	68.04	68.04
DISCCART	731346.38	4052706.50	67.94	67.94
DISCCART	731346.38	4052731.50	67.87	67.87
DISCCART	731346.38	4052756.50	67.81	67.81
DISCCART	731346.38	4052781.50	67.69	67.69
DISCCART	731346.38	4052806.50	67.62	67.62
DISCCART	731346.38	4053981.50	64.93	64.93
DISCCART	731346.38	4054006.50	64.84	64.84
DISCCART	731346.38	4054031.50	64.74	64.74
DISCCART	731346.38	4054056.50	64.70	64.70
DISCCART	731346.38	4054781.50	64.13	64.13
DISCCART	731346.38	4054806.50	64.08	64.08
DISCCART	731346.38	4054831.50	64.15	64.15
DISCCART	731346.38	4054856.50	64.05	64.05
DISCCART	731346.38	4054881.50	64.02	64.02
DISCCART	731346.38	4054906.50	64.12	64.12
DISCCART	731346.38	4054931.50	64.10	64.10
DISCCART	731346.38	4054956.50	63.94	63.94
DISCCART	731346.38	4054981.50	64.00	64.00
DISCCART	731346.38	4055006.50	64.00	64.00
DISCCART	731346.38	4055031.50	63.96	63.96
DISCCART	731346.38	4055056.50	64.02	64.02
DISCCART	731346.38	4055081.50	64.04	64.04

DISCCART	731346.38	4055106.50	64.04	64.04
DISCCART	731346.38	4055131.50	64.03	64.03
DISCCART	731346.38	4055156.50	63.97	63.97
DISCCART	731346.38	4055181.50	64.02	64.02
DISCCART	731346.38	4055206.50	64.03	64.03
DISCCART	731346.38	4055231.50	64.04	64.04
DISCCART	731346.38	4055256.50	64.04	64.04
DISCCART	731346.38	4055281.50	64.04	64.04
DISCCART	731346.38	4055306.50	64.06	64.06
DISCCART	731346.38	4055331.50	64.12	64.12
DISCCART	731371.38	4052331.50	69.35	69.35
DISCCART	731371.38	4052356.50	69.22	69.22
DISCCART	731371.38	4052381.50	69.16	69.16
DISCCART	731371.38	4052406.50	69.01	69.01
DISCCART	731371.38	4052431.50	68.89	68.89
DISCCART	731371.38	4052456.50	68.86	68.86
DISCCART	731371.38	4052481.50	68.67	68.67
DISCCART	731371.38	4052506.50	68.62	68.62
DISCCART	731371.38	4052531.50	68.54	68.54
DISCCART	731371.38	4052556.50	68.44	68.44
DISCCART	731371.38	4052581.50	68.35	68.35
DISCCART	731371.38	4052606.50	68.27	68.27
DISCCART	731371.38	4052631.50	68.20	68.20
DISCCART	731371.38	4052656.50	68.12	68.12
DISCCART	731371.38	4052681.50	68.00	68.00
DISCCART	731371.38	4052706.50	67.93	67.93
DISCCART	731371.38	4052731.50	67.83	67.83
DISCCART	731371.38	4052756.50	67.74	67.74
DISCCART	731371.38	4052781.50	67.64	67.64
DISCCART	731371.38	4052806.50	67.55	67.55
DISCCART	731371.38	4053981.50	64.94	64.94
DISCCART	731371.38	4054006.50	64.84	64.84
DISCCART	731371.38	4054031.50	64.74	64.74
DISCCART	731371.38	4054056.50	64.65	64.65
DISCCART	731371.38	4054781.50	64.04	64.04
DISCCART	731371.38	4054806.50	63.94	63.94
DISCCART	731371.38	4054831.50	64.02	64.02
DISCCART	731371.38	4054856.50	63.99	63.99
DISCCART	731371.38	4054881.50	63.88	63.88
DISCCART	731371.38	4054906.50	63.99	63.99
DISCCART	731371.38	4054931.50	63.84	63.84
DISCCART	731371.38	4054956.50	63.87	63.87
DISCCART	731371.38	4054981.50	63.90	63.90
DISCCART	731371.38	4055006.50	63.86	63.86
DISCCART	731371.38	4055031.50	63.94	63.94
DISCCART	731371.38	4055056.50	63.94	63.94
DISCCART	731371.38	4055081.50	63.94	63.94
DISCCART	731371.38	4055106.50	63.94	63.94
DISCCART	731371.38	4055131.50	63.94	63.94
DISCCART	731371.38	4055156.50	63.94	63.94
DISCCART	731371.38	4055181.50	63.94	63.94
DISCCART	731371.38	4055206.50	63.94	63.94
DISCCART	731371.38	4055231.50	63.97	63.97
DISCCART	731371.38	4055256.50	64.00	64.00
DISCCART	731371.38	4055281.50	64.04	64.04
DISCCART	731371.38	4055306.50	64.04	64.04
DISCCART	731371.38	4055331.50	64.04	64.04
DISCCART	731396.38	4052331.50	69.28	69.28
DISCCART	731396.38	4052356.50	69.15	69.15
DISCCART	731396.38	4052381.50	69.04	69.04
DISCCART	731396.38	4052406.50	68.96	68.96
DISCCART	731396.38	4052431.50	68.80	68.80
DISCCART	731396.38	4052456.50	68.77	68.77
DISCCART	731396.38	4052481.50	68.55	68.55
DISCCART	731396.38	4052506.50	68.54	68.54
DISCCART	731396.38	4052531.50	68.48	68.48
DISCCART	731396.38	4052556.50	68.41	68.41
DISCCART	731396.38	4052581.50	68.34	68.34
DISCCART	731396.38	4052606.50	68.24	68.24
DISCCART	731396.38	4052631.50	68.14	68.14
DISCCART	731396.38	4052656.50	68.04	68.04
DISCCART	731396.38	4052681.50	67.94	67.94
DISCCART	731396.38	4052706.50	67.84	67.84
DISCCART	731396.38	4052731.50	67.78	67.78
DISCCART	731396.38	4052756.50	67.70	67.70
DISCCART	731396.38	4052781.50	67.62	67.62
DISCCART	731396.38	4052806.50	67.51	67.51
DISCCART	731396.38	4053981.50	64.94	64.94
DISCCART	731396.38	4054006.50	64.84	64.84
DISCCART	731396.38	4054031.50	64.74	64.74
DISCCART	731396.38	4054056.50	64.65	64.65
DISCCART	731396.38	4054781.50	63.85	63.85
DISCCART	731396.38	4054806.50	63.91	63.91
DISCCART	731396.38	4054831.50	63.83	63.83
DISCCART	731396.38	4054856.50	63.85	63.85
DISCCART	731396.38	4054881.50	63.66	63.66
DISCCART	731396.38	4054906.50	63.76	63.76
DISCCART	731396.38	4054931.50	63.70	63.70
DISCCART	731396.38	4054956.50	63.79	63.79
DISCCART	731396.38	4054981.50	63.76	63.76
DISCCART	731396.38	4055006.50	63.84	63.84
DISCCART	731396.38	4055031.50	63.83	63.83
DISCCART	731396.38	4055056.50	63.85	63.85
DISCCART	731396.38	4055081.50	63.84	63.84
DISCCART	731396.38	4055106.50	63.85	63.85
DISCCART	731396.38	4055131.50	63.93	63.93
DISCCART	731396.38	4055156.50	63.92	63.92
DISCCART	731396.38	4055181.50	63.94	63.94
DISCCART	731396.38	4055206.50	63.94	63.94
DISCCART	731396.38	4055231.50	63.94	63.94
DISCCART	731396.38	4055256.50	63.94	63.94
DISCCART	731396.38	4055281.50	63.95	63.95
DISCCART	731396.38	4055306.50	63.97	63.97
DISCCART	731396.38	4055331.50	64.02	64.02
DISCCART	731421.38	4052331.50	69.20	69.20
DISCCART	731421.38	4052356.50	69.03	69.03
DISCCART	731421.38	4052381.50	68.94	68.94
DISCCART	731421.38	4052406.50	68.82	68.82
DISCCART	731421.38	4052431.50	68.61	68.61
DISCCART	731421.38	4052456.50	68.53	68.53
DISCCART	731421.38	4052481.50	68.54	68.54
DISCCART	731421.38	4052506.50	68.54	68.54
DISCCART	731421.38	4052531.50	68.44	68.44
DISCCART	731421.38	4052556.50	68.35	68.35
DISCCART	731421.38	4052581.50	68.27	68.27

DISCCART	731421.38	4052606.50	68.17	68.17
DISCCART	731421.38	4052631.50	68.10	68.10
DISCCART	731421.38	4052656.50	68.03	68.03
DISCCART	731421.38	4052681.50	67.93	67.93
DISCCART	731421.38	4052706.50	67.83	67.83
DISCCART	731421.38	4052731.50	67.74	67.74
DISCCART	731421.38	4052756.50	67.65	67.65
DISCCART	731421.38	4052781.50	67.54	67.54
DISCCART	731421.38	4052806.50	67.46	67.46
DISCCART	731421.38	4053981.50	64.94	64.94
DISCCART	731421.38	4054006.50	64.84	64.84
DISCCART	731421.38	4054031.50	64.74	64.74
DISCCART	731421.38	4054056.50	64.64	64.64
DISCCART	731421.38	4054781.50	63.80	63.80
DISCCART	731421.38	4054806.50	63.74	63.74
DISCCART	731421.38	4054831.50	63.70	63.70
DISCCART	731421.38	4054856.50	63.69	63.69
DISCCART	731421.38	4054881.50	63.57	63.57
DISCCART	731421.38	4054906.50	63.58	63.58
DISCCART	731421.38	4054931.50	63.64	63.64
DISCCART	731421.38	4054956.50	63.64	63.64
DISCCART	731421.38	4054981.50	63.73	63.73
DISCCART	731421.38	4055006.50	63.73	63.73
DISCCART	731421.38	4055031.50	63.74	63.74
DISCCART	731421.38	4055056.50	63.77	63.77
DISCCART	731421.38	4055081.50	63.84	63.84
DISCCART	731421.38	4055106.50	63.84	63.84
DISCCART	731421.38	4055131.50	63.84	63.84
DISCCART	731421.38	4055156.50	63.84	63.84
DISCCART	731421.38	4055181.50	63.84	63.84
DISCCART	731421.38	4055206.50	63.89	63.89
DISCCART	731421.38	4055231.50	63.94	63.94
DISCCART	731421.38	4055256.50	63.94	63.94
DISCCART	731421.38	4055281.50	63.94	63.94
DISCCART	731421.38	4055306.50	63.94	63.94
DISCCART	731421.38	4055331.50	63.94	63.94
DISCCART	731446.38	4052331.50	69.07	69.07
DISCCART	731446.38	4052356.50	68.93	68.93
DISCCART	731446.38	4052381.50	68.66	68.66
DISCCART	731446.38	4052406.50	68.40	68.40
DISCCART	731446.38	4052431.50	68.29	68.29
DISCCART	731446.38	4052456.50	68.39	68.39
DISCCART	731446.38	4052481.50	68.51	68.51
DISCCART	731446.38	4052506.50	68.45	68.45
DISCCART	731446.38	4052531.50	68.43	68.43
DISCCART	731446.38	4052556.50	68.34	68.34
DISCCART	731446.38	4052581.50	68.24	68.24
DISCCART	731446.38	4052606.50	68.14	68.14
DISCCART	731446.38	4052631.50	68.04	68.04
DISCCART	731446.38	4052656.50	67.95	67.95
DISCCART	731446.38	4052681.50	67.88	67.88
DISCCART	731446.38	4052706.50	67.76	67.76
DISCCART	731446.38	4052731.50	67.69	67.69
DISCCART	731446.38	4052756.50	67.59	67.59
DISCCART	731446.38	4052781.50	67.49	67.49
DISCCART	731446.38	4052806.50	67.41	67.41
DISCCART	731446.38	4053981.50	64.94	64.94
DISCCART	731446.38	4054006.50	64.84	64.84
DISCCART	731446.38	4054031.50	64.74	64.74
DISCCART	731446.38	4054056.50	64.64	64.64
DISCCART	731446.38	4054781.50	63.67	63.67
DISCCART	731446.38	4054806.50	63.64	63.64
DISCCART	731446.38	4054831.50	63.58	63.58
DISCCART	731446.38	4054856.50	63.53	63.53
DISCCART	731446.38	4054881.50	63.45	63.45
DISCCART	731446.38	4054906.50	63.50	63.50
DISCCART	731446.38	4054931.50	63.55	63.55
DISCCART	731446.38	4054956.50	63.59	63.59
DISCCART	731446.38	4054981.50	63.64	63.64
DISCCART	731446.38	4055006.50	63.68	63.68
DISCCART	731446.38	4055031.50	63.74	63.74
DISCCART	731446.38	4055056.50	63.74	63.74
DISCCART	731446.38	4055081.50	63.74	63.74
DISCCART	731446.38	4055106.50	63.75	63.75
DISCCART	731446.38	4055131.50	63.75	63.75
DISCCART	731446.38	4055156.50	63.83	63.83
DISCCART	731446.38	4055181.50	63.84	63.84
DISCCART	731446.38	4055206.50	63.84	63.84
DISCCART	731446.38	4055231.50	63.84	63.84
DISCCART	731446.38	4055256.50	63.86	63.86
DISCCART	731446.38	4055281.50	63.86	63.86
DISCCART	731446.38	4055306.50	63.92	63.92
DISCCART	731446.38	4055331.50	63.92	63.92
DISCCART	731471.38	4052331.50	69.08	69.08
DISCCART	731471.38	4052356.50	68.80	68.80
DISCCART	731471.38	4052381.50	68.43	68.43
DISCCART	731471.38	4052406.50	68.06	68.06
DISCCART	731471.38	4052431.50	67.98	67.98
DISCCART	731471.38	4052456.50	68.22	68.22
DISCCART	731471.38	4052481.50	68.43	68.43
DISCCART	731471.38	4052506.50	68.44	68.44
DISCCART	731471.38	4052531.50	68.35	68.35
DISCCART	731471.38	4052556.50	68.27	68.27
DISCCART	731471.38	4052581.50	68.18	68.18
DISCCART	731471.38	4052606.50	68.13	68.13
DISCCART	731471.38	4052631.50	68.00	68.00
DISCCART	731471.38	4052656.50	67.93	67.93
DISCCART	731471.38	4052681.50	67.83	67.83
DISCCART	731471.38	4052706.50	67.73	67.73
DISCCART	731471.38	4052731.50	67.64	67.64
DISCCART	731471.38	4052756.50	67.55	67.55
DISCCART	731471.38	4052781.50	67.44	67.44
DISCCART	731471.38	4052806.50	67.36	67.36
DISCCART	731471.38	4053981.50	64.94	64.94
DISCCART	731471.38	4054006.50	64.84	64.84
DISCCART	731471.38	4054031.50	64.74	64.74
DISCCART	731471.38	4054056.50	64.64	64.64
DISCCART	731471.38	4054781.50	63.64	63.64
DISCCART	731471.38	4054806.50	63.57	63.57
DISCCART	731471.38	4054831.50	63.48	63.48
DISCCART	731471.38	4054856.50	63.43	63.43
DISCCART	731471.38	4054881.50	63.34	63.34
DISCCART	731471.38	4054906.50	63.43	63.43
DISCCART	731471.38	4054931.50	63.50	63.50
DISCCART	731471.38	4054956.50	63.54	63.54

DISCCART	731471.38	4054981.50	63.64	63.64
DISCCART	731471.38	4055006.50	63.64	63.64
DISCCART	731471.38	4055031.50	63.67	63.67
DISCCART	731471.38	4055056.50	63.70	63.70
DISCCART	731471.38	4055081.50	63.74	63.74
DISCCART	731471.38	4055106.50	63.74	63.74
DISCCART	731471.38	4055131.50	63.74	63.74
DISCCART	731471.38	4055156.50	63.74	63.74
DISCCART	731471.38	4055181.50	63.74	63.74
DISCCART	731471.38	4055206.50	63.79	63.79
DISCCART	731471.38	4055231.50	63.82	63.82
DISCCART	731471.38	4055256.50	63.84	63.84
DISCCART	731471.38	4055281.50	63.84	63.84
DISCCART	731471.38	4055306.50	63.84	63.84
DISCCART	731471.38	4055331.50	63.84	63.84
DISCCART	731496.38	4052331.50	68.92	68.92
DISCCART	731496.38	4052356.50	68.63	68.63
DISCCART	731496.38	4052381.50	68.30	68.30
DISCCART	731496.38	4052406.50	68.02	68.02
DISCCART	731496.38	4052431.50	67.94	67.94
DISCCART	731496.38	4052456.50	68.01	68.01
DISCCART	731496.38	4052481.50	68.33	68.33
DISCCART	731496.38	4052506.50	68.35	68.35
DISCCART	731496.38	4052531.50	68.34	68.34
DISCCART	731496.38	4052556.50	68.24	68.24
DISCCART	731496.38	4052581.50	68.14	68.14
DISCCART	731496.38	4052606.50	68.04	68.04
DISCCART	731496.38	4052631.50	67.94	67.94
DISCCART	731496.38	4052656.50	67.85	67.85
DISCCART	731496.38	4052681.50	67.78	67.78
DISCCART	731496.38	4052706.50	67.66	67.66
DISCCART	731496.38	4052731.50	67.58	67.58
DISCCART	731496.38	4052756.50	67.49	67.49
DISCCART	731496.38	4052781.50	67.38	67.38
DISCCART	731496.38	4052806.50	67.31	67.31
DISCCART	731496.38	4053981.50	64.94	64.94
DISCCART	731496.38	4054006.50	64.84	64.84
DISCCART	731496.38	4054031.50	64.74	64.74
DISCCART	731496.38	4054056.50	64.64	64.64
DISCCART	731496.38	4054806.50	63.54	63.54
DISCCART	731496.38	4054831.50	63.44	63.44
DISCCART	731496.38	4054856.50	63.35	63.35
DISCCART	731496.38	4054881.50	63.34	63.34
DISCCART	731496.38	4054906.50	63.38	63.38
DISCCART	731496.38	4054931.50	63.44	63.44
DISCCART	731496.38	4054956.50	63.53	63.53
DISCCART	731496.38	4054981.50	63.54	63.54
DISCCART	731496.38	4055006.50	63.62	63.62
DISCCART	731496.38	4055031.50	63.64	63.64
DISCCART	731496.38	4055056.50	63.64	63.64
DISCCART	731496.38	4055081.50	63.64	63.64
DISCCART	731496.38	4055106.50	63.64	63.64
DISCCART	731496.38	4055131.50	63.65	63.65
DISCCART	731496.38	4055156.50	63.73	63.73
DISCCART	731496.38	4055181.50	63.73	63.73
DISCCART	731496.38	4055206.50	63.74	63.74
DISCCART	731496.38	4055231.50	63.74	63.74
DISCCART	731496.38	4055256.50	63.74	63.74
DISCCART	731496.38	4055281.50	63.75	63.75
DISCCART	731496.38	4055306.50	63.75	63.75
DISCCART	731496.38	4055331.50	63.82	63.82
DISCCART	731521.38	4052331.50	68.87	68.87
DISCCART	731521.38	4052356.50	68.52	68.52
DISCCART	731521.38	4052381.50	68.27	68.27
DISCCART	731521.38	4052406.50	68.02	68.02
DISCCART	731521.38	4052431.50	67.94	67.94
DISCCART	731521.38	4052456.50	67.96	67.96
DISCCART	731521.38	4052481.50	68.21	68.21
DISCCART	731521.38	4052506.50	68.34	68.34
DISCCART	731521.38	4052531.50	68.28	68.28
DISCCART	731521.38	4052556.50	68.17	68.17
DISCCART	731521.38	4052581.50	68.08	68.08
DISCCART	731521.38	4052606.50	68.02	68.02
DISCCART	731521.38	4052631.50	67.90	67.90
DISCCART	731521.38	4052656.50	67.83	67.83
DISCCART	731521.38	4052681.50	67.73	67.73
DISCCART	731521.38	4052706.50	67.62	67.62
DISCCART	731521.38	4052731.50	67.54	67.54
DISCCART	731521.38	4052756.50	67.45	67.45
DISCCART	731521.38	4052781.50	67.34	67.34
DISCCART	731521.38	4052806.50	67.25	67.25
DISCCART	731521.38	4053981.50	64.94	64.94
DISCCART	731521.38	4054006.50	64.84	64.84
DISCCART	731521.38	4054031.50	64.74	64.74
DISCCART	731521.38	4054056.50	64.64	64.64
DISCCART	731521.38	4054806.50	63.53	63.53
DISCCART	731521.38	4054831.50	63.44	63.44
DISCCART	731521.38	4054856.50	63.36	63.36
DISCCART	731521.38	4054881.50	63.34	63.34
DISCCART	731521.38	4054906.50	63.38	63.38
DISCCART	731521.38	4054931.50	63.44	63.44
DISCCART	731521.38	4054956.50	63.50	63.50
DISCCART	731521.38	4054981.50	63.54	63.54
DISCCART	731521.38	4055006.50	63.54	63.54
DISCCART	731521.38	4055031.50	63.54	63.54
DISCCART	731521.38	4055056.50	63.60	63.60
DISCCART	731521.38	4055081.50	63.64	63.64
DISCCART	731521.38	4055106.50	63.64	63.64
DISCCART	731521.38	4055131.50	63.64	63.64
DISCCART	731521.38	4055156.50	63.64	63.64
DISCCART	731521.38	4055181.50	63.64	63.64
DISCCART	731521.38	4055206.50	63.66	63.66
DISCCART	731521.38	4055231.50	63.69	63.69
DISCCART	731521.38	4055256.50	63.73	63.73
DISCCART	731521.38	4055281.50	63.74	63.74
DISCCART	731521.38	4055306.50	63.74	63.74
DISCCART	731521.38	4055331.50	63.74	63.74
DISCCART	731546.38	4052331.50	68.77	68.77
DISCCART	731546.38	4052356.50	68.52	68.52
DISCCART	731546.38	4052381.50	68.27	68.27
DISCCART	731546.38	4052406.50	68.02	68.02
DISCCART	731546.38	4052431.50	67.94	67.94
DISCCART	731546.38	4052456.50	67.94	67.94
DISCCART	731546.38	4052481.50	68.12	68.12
DISCCART	731546.38	4052506.50	68.31	68.31

DISCCART	731546.38	4052531.50	68.24	68.24
DISCCART	731546.38	4052556.50	68.14	68.14
DISCCART	731546.38	4052581.50	68.04	68.04
DISCCART	731546.38	4052606.50	67.95	67.95
DISCCART	731546.38	4052631.50	67.84	67.84
DISCCART	731546.38	4052656.50	67.75	67.75
DISCCART	731546.38	4052681.50	67.64	67.64
DISCCART	731546.38	4052706.50	67.56	67.56
DISCCART	731546.38	4052731.50	67.46	67.46
DISCCART	731546.38	4052756.50	67.36	67.36
DISCCART	731546.38	4052781.50	67.27	67.27
DISCCART	731546.38	4052806.50	67.20	67.20
DISCCART	731546.38	4053981.50	64.94	64.94
DISCCART	731546.38	4054006.50	64.84	64.84
DISCCART	731546.38	4054031.50	64.74	64.74
DISCCART	731546.38	4054056.50	64.65	64.65
DISCCART	731546.38	4054806.50	63.44	63.44
DISCCART	731546.38	4054831.50	63.43	63.43
DISCCART	731546.38	4054856.50	63.34	63.34
DISCCART	731546.38	4054881.50	63.34	63.34
DISCCART	731546.38	4054906.50	63.34	63.34
DISCCART	731546.38	4054931.50	63.44	63.44
DISCCART	731546.38	4054956.50	63.45	63.45
DISCCART	731546.38	4054981.50	63.51	63.51
DISCCART	731546.38	4055006.50	63.54	63.54
DISCCART	731546.38	4055031.50	63.54	63.54
DISCCART	731546.38	4055056.50	63.54	63.54
DISCCART	731546.38	4055081.50	63.54	63.54
DISCCART	731546.38	4055106.50	63.55	63.55
DISCCART	731546.38	4055131.50	63.59	63.59
DISCCART	731546.38	4055156.50	63.62	63.62
DISCCART	731546.38	4055181.50	63.64	63.64
DISCCART	731546.38	4055206.50	63.64	63.64
DISCCART	731546.38	4055231.50	63.64	63.64
DISCCART	731546.38	4055256.50	63.64	63.64
DISCCART	731546.38	4055281.50	63.64	63.64
DISCCART	731546.38	4055306.50	63.65	63.65
DISCCART	731546.38	4055331.50	63.72	63.72
DISCCART	731571.38	4052331.50	68.78	68.78
DISCCART	731571.38	4052356.50	68.49	68.49
DISCCART	731571.38	4052381.50	68.26	68.26
DISCCART	731571.38	4052406.50	68.02	68.02
DISCCART	731571.38	4052431.50	67.94	67.94
DISCCART	731571.38	4052456.50	67.94	67.94
DISCCART	731571.38	4052481.50	68.09	68.09
DISCCART	731571.38	4052506.50	68.24	68.24
DISCCART	731571.38	4052531.50	68.20	68.20
DISCCART	731571.38	4052556.50	68.12	68.12
DISCCART	731571.38	4052581.50	68.00	68.00
DISCCART	731571.38	4052606.50	67.91	67.91
DISCCART	731571.38	4052631.50	67.80	67.80
DISCCART	731571.38	4052656.50	67.70	67.70
DISCCART	731571.38	4052681.50	67.60	67.60
DISCCART	731571.38	4052706.50	67.52	67.52
DISCCART	731571.38	4052731.50	67.44	67.44
DISCCART	731571.38	4052756.50	67.32	67.32
DISCCART	731571.38	4052781.50	67.24	67.24
DISCCART	731571.38	4052806.50	67.13	67.13
DISCCART	731571.38	4052831.50	67.04	67.04
DISCCART	731571.38	4053981.50	64.93	64.93
DISCCART	731571.38	4054006.50	64.84	64.84
DISCCART	731571.38	4054031.50	64.74	64.74
DISCCART	731571.38	4054056.50	64.65	64.65
DISCCART	731571.38	4054806.50	63.39	63.39
DISCCART	731571.38	4054831.50	63.38	63.38
DISCCART	731571.38	4054856.50	63.34	63.34
DISCCART	731571.38	4054881.50	63.34	63.34
DISCCART	731571.38	4054906.50	63.34	63.34
DISCCART	731571.38	4054931.50	63.43	63.43
DISCCART	731571.38	4054956.50	63.44	63.44
DISCCART	731571.38	4054981.50	63.44	63.44
DISCCART	731571.38	4055006.50	63.44	63.44
DISCCART	731571.38	4055031.50	63.47	63.47
DISCCART	731571.38	4055056.50	63.49	63.49
DISCCART	731571.38	4055081.50	63.54	63.54
DISCCART	731571.38	4055106.50	63.54	63.54
DISCCART	731571.38	4055131.50	63.54	63.54
DISCCART	731571.38	4055156.50	63.54	63.54
DISCCART	731571.38	4055181.50	63.54	63.54
DISCCART	731571.38	4055206.50	63.54	63.54
DISCCART	731571.38	4055231.50	63.59	63.59
DISCCART	731571.38	4055256.50	63.58	63.58
DISCCART	731571.38	4055281.50	63.64	63.64
DISCCART	731571.38	4055306.50	63.64	63.64
DISCCART	731571.38	4055331.50	63.64	63.64
DISCCART	731596.38	4052331.50	68.67	68.67
DISCCART	731596.38	4052356.50	68.42	68.42
DISCCART	731596.38	4052381.50	68.23	68.23
DISCCART	731596.38	4052406.50	68.02	68.02
DISCCART	731596.38	4052431.50	67.94	67.94
DISCCART	731596.38	4052456.50	67.94	67.94
DISCCART	731596.38	4052481.50	67.97	67.97
DISCCART	731596.38	4052506.50	68.16	68.16
DISCCART	731596.38	4052531.50	68.14	68.14
DISCCART	731596.38	4052556.50	68.05	68.05
DISCCART	731596.38	4052581.50	67.98	67.98
DISCCART	731596.38	4052606.50	67.86	67.86
DISCCART	731596.38	4052631.50	67.74	67.74
DISCCART	731596.38	4052656.50	67.65	67.65
DISCCART	731596.38	4052681.50	67.54	67.54
DISCCART	731596.38	4052706.50	67.45	67.45
DISCCART	731596.38	4052731.50	67.34	67.34
DISCCART	731596.38	4052756.50	67.26	67.26
DISCCART	731596.38	4052781.50	67.16	67.16
DISCCART	731596.38	4052806.50	67.05	67.05
DISCCART	731596.38	4052831.50	66.98	66.98
DISCCART	731596.38	4053981.50	64.93	64.93
DISCCART	731596.38	4054006.50	64.84	64.84
DISCCART	731596.38	4054031.50	64.73	64.73
DISCCART	731596.38	4054056.50	64.64	64.64
DISCCART	731596.38	4054806.50	63.34	63.34
DISCCART	731596.38	4054831.50	63.34	63.34
DISCCART	731596.38	4054856.50	63.34	63.34
DISCCART	731596.38	4054881.50	63.34	63.34
DISCCART	731596.38	4054906.50	63.34	63.34

DISCCART	731596.38	4054931.50	63.34	63.34
DISCCART	731596.38	4054956.50	63.35	63.35
DISCCART	731596.38	4054981.50	63.36	63.36
DISCCART	731596.38	4055006.50	63.42	63.42
DISCCART	731596.38	4055031.50	63.44	63.44
DISCCART	731596.38	4055056.50	63.44	63.44
DISCCART	731596.38	4055081.50	63.44	63.44
DISCCART	731596.38	4055106.50	63.45	63.45
DISCCART	731596.38	4055131.50	63.46	63.46
DISCCART	731596.38	4055156.50	63.52	63.52
DISCCART	731596.38	4055181.50	63.52	63.52
DISCCART	731596.38	4055206.50	63.54	63.54
DISCCART	731596.38	4055231.50	63.54	63.54
DISCCART	731596.38	4055256.50	63.54	63.54
DISCCART	731596.38	4055281.50	63.54	63.54
DISCCART	731596.38	4055306.50	63.55	63.55
DISCCART	731596.38	4055331.50	63.62	63.62
DISCCART	731621.38	4052331.50	68.67	68.67
DISCCART	731621.38	4052356.50	68.42	68.42
DISCCART	731621.38	4052381.50	68.17	68.17
DISCCART	731621.38	4052406.50	68.02	68.02
DISCCART	731621.38	4052431.50	67.94	67.94
DISCCART	731621.38	4052456.50	67.94	67.94
DISCCART	731621.38	4052481.50	67.95	67.95
DISCCART	731621.38	4052506.50	68.14	68.14
DISCCART	731621.38	4052531.50	68.13	68.13
DISCCART	731621.38	4052556.50	68.02	68.02
DISCCART	731621.38	4052581.50	67.93	67.93
DISCCART	731621.38	4052606.50	67.82	67.82
DISCCART	731621.38	4052756.50	67.21	67.21
DISCCART	731621.38	4052781.50	67.10	67.10
DISCCART	731621.38	4052806.50	67.03	67.03
DISCCART	731621.38	4052831.50	66.94	66.94
DISCCART	731621.38	4053981.50	64.93	64.93
DISCCART	731621.38	4054006.50	64.84	64.84
DISCCART	731621.38	4054031.50	64.73	64.73
DISCCART	731621.38	4054056.50	64.60	64.60
DISCCART	731621.38	4054081.50	64.54	64.54
DISCCART	731621.38	4054806.50	63.27	63.27
DISCCART	731621.38	4054831.50	63.24	63.24
DISCCART	731621.38	4054856.50	63.24	63.24
DISCCART	731621.38	4054881.50	63.24	63.24
DISCCART	731621.38	4054906.50	63.28	63.28
DISCCART	731621.38	4054931.50	63.34	63.34
DISCCART	731621.38	4054956.50	63.34	63.34
DISCCART	731621.38	4054981.50	63.34	63.34
DISCCART	731621.38	4055006.50	63.34	63.34
DISCCART	731621.38	4055031.50	63.34	63.34
DISCCART	731621.38	4055056.50	63.39	63.39
DISCCART	731621.38	4055081.50	63.42	63.42
DISCCART	731621.38	4055106.50	63.44	63.44
DISCCART	731621.38	4055131.50	63.44	63.44
DISCCART	731621.38	4055156.50	63.44	63.44
DISCCART	731621.38	4055181.50	63.44	63.44
DISCCART	731621.38	4055206.50	63.44	63.44
DISCCART	731621.38	4055231.50	63.44	63.44
DISCCART	731621.38	4055256.50	63.48	63.48
DISCCART	731621.38	4055281.50	63.54	63.54
DISCCART	731621.38	4055306.50	63.54	63.54
DISCCART	731621.38	4055331.50	63.54	63.54
DISCCART	731646.38	4052331.50	68.67	68.67
DISCCART	731646.38	4052356.50	68.42	68.42
DISCCART	731646.38	4052381.50	68.17	68.17
DISCCART	731646.38	4052406.50	68.02	68.02
DISCCART	731646.38	4052431.50	67.14	67.14
DISCCART	731646.38	4052781.50	67.05	67.05
DISCCART	731646.38	4052806.50	66.94	66.94
DISCCART	731646.38	4052831.50	66.84	66.84
DISCCART	731646.38	4053981.50	64.93	64.93
DISCCART	731646.38	4054006.50	64.84	64.84
DISCCART	731646.38	4054031.50	64.73	64.73
DISCCART	731646.38	4054056.50	64.60	64.60
DISCCART	731646.38	4054081.50	64.47	64.47
DISCCART	731646.38	4054806.50	63.24	63.24
DISCCART	731646.38	4054831.50	63.24	63.24
DISCCART	731646.38	4054856.50	63.24	63.24
DISCCART	731646.38	4054881.50	63.24	63.24
DISCCART	731646.38	4054906.50	63.24	63.24
DISCCART	731646.38	4054931.50	63.24	63.24
DISCCART	731646.38	4054956.50	63.26	63.26
DISCCART	731646.38	4054981.50	63.26	63.26
DISCCART	731646.38	4055006.50	63.32	63.32
DISCCART	731646.38	4055031.50	63.34	63.34
DISCCART	731646.38	4055056.50	63.34	63.34
DISCCART	731646.38	4055081.50	63.34	63.34
DISCCART	731646.38	4055106.50	63.34	63.34
DISCCART	731646.38	4055131.50	63.36	63.36
DISCCART	731646.38	4055156.50	63.35	63.35
DISCCART	731646.38	4055181.50	63.42	63.42
DISCCART	731646.38	4055206.50	63.42	63.42
DISCCART	731646.38	4055231.50	63.44	63.44
DISCCART	731646.38	4055256.50	63.44	63.44
DISCCART	731646.38	4055281.50	63.44	63.44
DISCCART	731646.38	4055306.50	63.45	63.45
DISCCART	731646.38	4055331.50	63.45	63.45
DISCCART	731671.38	4052331.50	68.56	68.56
DISCCART	731671.38	4052356.50	68.42	68.42
DISCCART	731671.38	4052381.50	68.17	68.17
DISCCART	731671.38	4052406.50	68.02	68.02
DISCCART	731671.38	4052781.50	66.98	66.98
DISCCART	731671.38	4052806.50	66.87	66.87
DISCCART	731671.38	4052831.50	66.80	66.80
DISCCART	731671.38	4053981.50	64.93	64.93
DISCCART	731671.38	4054006.50	64.84	64.84
DISCCART	731671.38	4054031.50	64.73	64.73
DISCCART	731671.38	4054056.50	64.58	64.58
DISCCART	731671.38	4054081.50	64.46	64.46
DISCCART	731671.38	4054806.50	63.24	63.24
DISCCART	731671.38	4054831.50	63.24	63.24
DISCCART	731671.38	4054856.50	63.24	63.24
DISCCART	731671.38	4054881.50	63.24	63.24
DISCCART	731671.38	4054906.50	63.24	63.24
DISCCART	731671.38	4054931.50	63.24	63.24
DISCCART	731671.38	4054956.50	63.24	63.24
DISCCART	731671.38	4054981.50	63.24	63.24

DISCCART	731671.38	4055006.50	63.24	63.24
DISCCART	731671.38	4055031.50	63.25	63.25
DISCCART	731671.38	4055056.50	63.28	63.28
DISCCART	731671.38	4055081.50	63.32	63.32
DISCCART	731671.38	4055106.50	63.34	63.34
DISCCART	731671.38	4055131.50	63.34	63.34
DISCCART	731671.38	4055156.50	63.34	63.34
DISCCART	731671.38	4055181.50	63.34	63.34
DISCCART	731671.38	4055206.50	63.34	63.34
DISCCART	731671.38	4055231.50	63.34	63.34
DISCCART	731671.38	4055256.50	63.38	63.38
DISCCART	731671.38	4055281.50	63.43	63.43
DISCCART	731671.38	4055306.50	63.44	63.44
DISCCART	731671.38	4055331.50	63.44	63.44
DISCCART	731696.38	4052331.50	68.57	68.57
DISCCART	731696.38	4052356.50	68.42	68.42
DISCCART	731696.38	4052381.50	68.17	68.17
DISCCART	731696.38	4052406.50	68.02	68.02
DISCCART	731696.38	4052781.50	66.92	66.92
DISCCART	731696.38	4052806.50	66.84	66.84
DISCCART	731696.38	4052831.50	66.73	66.73
DISCCART	731696.38	4053981.50	64.93	64.93
DISCCART	731696.38	4054006.50	64.84	64.84
DISCCART	731696.38	4054031.50	64.67	64.67
DISCCART	731696.38	4054056.50	64.56	64.56
DISCCART	731696.38	4054081.50	64.44	64.44
DISCCART	731696.38	4054806.50	63.15	63.15
DISCCART	731696.38	4054831.50	63.14	63.14
DISCCART	731696.38	4054856.50	63.16	63.16
DISCCART	731696.38	4054881.50	63.14	63.14
DISCCART	731696.38	4054906.50	63.16	63.16
DISCCART	731696.38	4054931.50	63.22	63.22
DISCCART	731696.38	4054956.50	63.22	63.22
DISCCART	731696.38	4054981.50	63.24	63.24
DISCCART	731696.38	4055006.50	63.24	63.24
DISCCART	731696.38	4055031.50	63.24	63.24
DISCCART	731696.38	4055056.50	63.24	63.24
DISCCART	731696.38	4055081.50	63.24	63.24
DISCCART	731696.38	4055106.50	63.24	63.24
DISCCART	731696.38	4055131.50	63.26	63.26
DISCCART	731696.38	4055156.50	63.26	63.26
DISCCART	731696.38	4055181.50	63.32	63.32
DISCCART	731696.38	4055206.50	63.33	63.33
DISCCART	731696.38	4055231.50	63.34	63.34
DISCCART	731696.38	4055256.50	63.34	63.34
DISCCART	731696.38	4055281.50	63.34	63.34
DISCCART	731696.38	4055306.50	63.34	63.34
DISCCART	731696.38	4055331.50	63.35	63.35
DISCCART	731721.38	4052331.50	68.57	68.57
DISCCART	731721.38	4052356.50	68.38	68.38
DISCCART	731721.38	4052381.50	68.17	68.17
DISCCART	731721.38	4052406.50	68.02	68.02
DISCCART	731721.38	4052781.50	66.86	66.86
DISCCART	731721.38	4052806.50	66.75	66.75
DISCCART	731721.38	4052831.50	66.66	66.66
DISCCART	731721.38	4053981.50	64.93	64.93
DISCCART	731721.38	4054006.50	64.84	64.84
DISCCART	731721.38	4054031.50	64.67	64.67
DISCCART	731721.38	4054056.50	64.51	64.51
DISCCART	731721.38	4054081.50	64.32	64.32
DISCCART	731721.38	4054806.50	63.14	63.14
DISCCART	731721.38	4054831.50	63.14	63.14
DISCCART	731721.38	4054856.50	63.14	63.14
DISCCART	731721.38	4054881.50	63.14	63.14
DISCCART	731721.38	4054906.50	63.14	63.14
DISCCART	731721.38	4054931.50	63.14	63.14
DISCCART	731721.38	4054956.50	63.14	63.14
DISCCART	731721.38	4054981.50	63.15	63.15
DISCCART	731721.38	4055006.50	63.18	63.18
DISCCART	731721.38	4055031.50	63.22	63.22
DISCCART	731721.38	4055056.50	63.24	63.24
DISCCART	731721.38	4055081.50	63.24	63.24
DISCCART	731721.38	4055106.50	63.24	63.24
DISCCART	731721.38	4055131.50	63.24	63.24
DISCCART	731721.38	4055156.50	63.24	63.24
DISCCART	731721.38	4055181.50	63.24	63.24
DISCCART	731721.38	4055206.50	63.24	63.24
DISCCART	731721.38	4055231.50	63.24	63.24
DISCCART	731721.38	4055256.50	63.28	63.28
DISCCART	731721.38	4055281.50	63.34	63.34
DISCCART	731721.38	4055306.50	63.34	63.34
DISCCART	731721.38	4055331.50	63.34	63.34
DISCCART	731746.38	4052331.50	68.57	68.57
DISCCART	731746.38	4052356.50	68.34	68.34
DISCCART	731746.38	4052381.50	68.17	68.17
DISCCART	731746.38	4052406.50	68.02	68.02
DISCCART	731746.38	4052781.50	66.82	66.82
DISCCART	731746.38	4052806.50	66.71	66.71
DISCCART	731746.38	4052831.50	66.62	66.62
DISCCART	731746.38	4053981.50	64.94	64.94
DISCCART	731746.38	4054006.50	64.84	64.84
DISCCART	731746.38	4054031.50	64.67	64.67
DISCCART	731746.38	4054056.50	64.50	64.50
DISCCART	731746.38	4054081.50	64.17	64.17
DISCCART	731746.38	4054806.50	63.14	63.14
DISCCART	731746.38	4054831.50	63.14	63.14
DISCCART	731746.38	4054856.50	63.14	63.14
DISCCART	731746.38	4054881.50	63.14	63.14
DISCCART	731746.38	4054906.50	63.14	63.14
DISCCART	731746.38	4054931.50	63.14	63.14
DISCCART	731746.38	4054956.50	63.14	63.14
DISCCART	731746.38	4054981.50	63.14	63.14
DISCCART	731746.38	4055006.50	63.14	63.14
DISCCART	731746.38	4055031.50	63.14	63.14
DISCCART	731746.38	4055056.50	63.14	63.14
DISCCART	731746.38	4055081.50	63.15	63.15
DISCCART	731746.38	4055106.50	63.18	63.18
DISCCART	731746.38	4055131.50	63.22	63.22
DISCCART	731746.38	4055156.50	63.23	63.23
DISCCART	731746.38	4055181.50	63.24	63.24
DISCCART	731746.38	4055206.50	63.24	63.24
DISCCART	731746.38	4055231.50	63.24	63.24
DISCCART	731746.38	4055256.50	63.24	63.24
DISCCART	731746.38	4055281.50	63.24	63.24
DISCCART	731746.38	4055306.50	63.24	63.24

DISCCART	731746.38	4055331.50	63.26	63.26
DISCCART	731771.38	4052331.50	68.55	68.55
DISCCART	731771.38	4052356.50	68.34	68.34
DISCCART	731771.38	4052381.50	68.17	68.17
DISCCART	731771.38	4052406.50	68.01	68.01
DISCCART	731771.38	4052781.50	66.76	66.76
DISCCART	731771.38	4052806.50	66.66	66.66
DISCCART	731771.38	4052831.50	66.54	66.54
DISCCART	731771.38	4053981.50	64.94	64.94
DISCCART	731771.38	4054006.50	64.84	64.84
DISCCART	731771.38	4054031.50	64.62	64.62
DISCCART	731771.38	4054056.50	64.36	64.36
DISCCART	731771.38	4054081.50	64.10	64.10
DISCCART	731771.38	4054806.50	63.14	63.14
DISCCART	731771.38	4054831.50	63.09	63.09
DISCCART	731771.38	4054856.50	63.09	63.09
DISCCART	731771.38	4054881.50	63.05	63.05
DISCCART	731771.38	4054906.50	63.08	63.08
DISCCART	731771.38	4054931.50	63.09	63.09
DISCCART	731771.38	4054956.50	63.09	63.09
DISCCART	731771.38	4054981.50	63.14	63.14
DISCCART	731771.38	4055006.50	63.14	63.14
DISCCART	731771.38	4055031.50	63.14	63.14
DISCCART	731771.38	4055056.50	63.14	63.14
DISCCART	731771.38	4055081.50	63.14	63.14
DISCCART	731771.38	4055106.50	63.14	63.14
DISCCART	731771.38	4055131.50	63.14	63.14
DISCCART	731771.38	4055156.50	63.14	63.14
DISCCART	731771.38	4055181.50	63.14	63.14
DISCCART	731771.38	4055206.50	63.19	63.19
DISCCART	731771.38	4055231.50	63.24	63.24
DISCCART	731771.38	4055256.50	63.24	63.24
DISCCART	731771.38	4055281.50	63.24	63.24
DISCCART	731771.38	4055306.50	63.24	63.24
DISCCART	731771.38	4055331.50	63.24	63.24
DISCCART	731796.38	4052331.50	68.53	68.53
DISCCART	731796.38	4052356.50	68.34	68.34
DISCCART	731796.38	4052381.50	68.17	68.17
DISCCART	731796.38	4052406.50	68.01	68.01
DISCCART	731796.38	4052781.50	66.69	66.69
DISCCART	731796.38	4052806.50	66.59	66.59
DISCCART	731796.38	4052831.50	66.48	66.48
DISCCART	731796.38	4052981.50	66.07	66.07
DISCCART	731796.38	4053006.50	66.04	66.04
DISCCART	731796.38	4053031.50	65.97	65.97
DISCCART	731796.38	4053056.50	65.94	65.94
DISCCART	731796.38	4053081.50	65.85	65.85
DISCCART	731796.38	4053106.50	65.84	65.84
DISCCART	731796.38	4053981.50	64.94	64.94
DISCCART	731796.38	4054006.50	64.84	64.84
DISCCART	731796.38	4054031.50	64.45	64.45
DISCCART	731796.38	4054056.50	64.06	64.06
DISCCART	731796.38	4054081.50	63.87	63.87
DISCCART	731796.38	4054806.50	63.04	63.04
DISCCART	731796.38	4054831.50	63.04	63.04
DISCCART	731796.38	4054856.50	63.04	63.04
DISCCART	731796.38	4054881.50	63.04	63.04
DISCCART	731796.38	4054906.50	63.04	63.04
DISCCART	731796.38	4054931.50	63.04	63.04
DISCCART	731796.38	4054956.50	63.04	63.04
DISCCART	731796.38	4054981.50	63.04	63.04
DISCCART	731796.38	4055006.50	63.04	63.04
DISCCART	731796.38	4055031.50	63.04	63.04
DISCCART	731796.38	4055056.50	63.08	63.08
DISCCART	731796.38	4055081.50	63.13	63.13
DISCCART	731796.38	4055106.50	63.13	63.13
DISCCART	731796.38	4055131.50	63.14	63.14
DISCCART	731796.38	4055156.50	63.14	63.14
DISCCART	731796.38	4055181.50	63.14	63.14
DISCCART	731796.38	4055206.50	63.14	63.14
DISCCART	731796.38	4055231.50	63.14	63.14
DISCCART	731796.38	4055256.50	63.16	63.16
DISCCART	731796.38	4055281.50	63.16	63.16
DISCCART	731796.38	4055306.50	63.23	63.23
DISCCART	731796.38	4055331.50	63.24	63.24
DISCCART	731821.38	4052331.50	68.50	68.50
DISCCART	731821.38	4052356.50	68.31	68.31
DISCCART	731821.38	4052381.50	68.17	68.17
DISCCART	731821.38	4052406.50	68.00	68.00
DISCCART	731821.38	4052781.50	66.64	66.64
DISCCART	731821.38	4052806.50	66.52	66.52
DISCCART	731821.38	4052831.50	66.44	66.44
DISCCART	731821.38	4052981.50	66.04	66.04
DISCCART	731821.38	4053006.50	65.98	65.98
DISCCART	731821.38	4053031.50	65.94	65.94
DISCCART	731821.38	4053056.50	65.87	65.87
DISCCART	731821.38	4053081.50	65.84	65.84
DISCCART	731821.38	4053106.50	65.77	65.77
DISCCART	731821.38	4053981.50	64.94	64.94
DISCCART	731821.38	4054006.50	64.84	64.84
DISCCART	731821.38	4054031.50	63.53	63.53
DISCCART	731821.38	4054056.50	63.61	63.61
DISCCART	731821.38	4054081.50	63.76	63.76
DISCCART	731821.38	4054806.50	63.04	63.04
DISCCART	731821.38	4054831.50	63.04	63.04
DISCCART	731821.38	4054856.50	63.04	63.04
DISCCART	731821.38	4054881.50	63.04	63.04
DISCCART	731821.38	4054906.50	63.04	63.04
DISCCART	731821.38	4054931.50	63.04	63.04
DISCCART	731821.38	4054956.50	63.04	63.04
DISCCART	731821.38	4054981.50	63.04	63.04
DISCCART	731821.38	4055006.50	63.04	63.04
DISCCART	731821.38	4055031.50	63.04	63.04
DISCCART	731821.38	4055056.50	63.04	63.04
DISCCART	731821.38	4055081.50	63.04	63.04
DISCCART	731821.38	4055106.50	63.04	63.04
DISCCART	731821.38	4055131.50	63.04	63.04
DISCCART	731821.38	4055156.50	63.09	63.09
DISCCART	731821.38	4055181.50	63.14	63.14
DISCCART	731821.38	4055206.50	63.14	63.14
DISCCART	731821.38	4055231.50	63.14	63.14
DISCCART	731821.38	4055256.50	63.14	63.14
DISCCART	731821.38	4055281.50	63.14	63.14
DISCCART	731821.38	4055306.50	63.14	63.14
DISCCART	731821.38	4055331.50	63.14	63.14

DISCCART	731846.38	4052331.50	68.48	68.48
DISCCART	731846.38	4052356.50	68.32	68.32
DISCCART	731846.38	4052381.50	68.17	68.17
DISCCART	731846.38	4052406.50	68.00	68.00
DISCCART	731846.38	4052781.50	66.57	66.57
DISCCART	731846.38	4052806.50	66.46	66.46
DISCCART	731846.38	4052831.50	66.36	66.36
DISCCART	731846.38	4052981.50	66.02	66.02
DISCCART	731846.38	4053006.50	65.94	65.94
DISCCART	731846.38	4053031.50	65.89	65.89
DISCCART	731846.38	4053056.50	65.84	65.84
DISCCART	731846.38	4053081.50	65.82	65.82
DISCCART	731846.38	4053106.50	65.74	65.74
DISCCART	731846.38	4053981.50	64.94	64.94
DISCCART	731846.38	4054006.50	64.84	64.84
DISCCART	731846.38	4054031.50	63.36	63.36
DISCCART	731846.38	4054056.50	63.36	63.36
DISCCART	731846.38	4054081.50	63.64	63.64
DISCCART	731846.38	4054806.50	63.02	63.02
DISCCART	731846.38	4054831.50	63.02	63.02
DISCCART	731846.38	4054856.50	63.02	63.02
DISCCART	731846.38	4054881.50	62.96	62.96
DISCCART	731846.38	4054906.50	63.02	63.02
DISCCART	731846.38	4054931.50	63.02	63.02
DISCCART	731846.38	4054956.50	63.02	63.02
DISCCART	731846.38	4054981.50	63.02	63.02
DISCCART	731846.38	4055006.50	63.03	63.03
DISCCART	731846.38	4055031.50	63.04	63.04
DISCCART	731846.38	4055056.50	63.04	63.04
DISCCART	731846.38	4055081.50	63.04	63.04
DISCCART	731846.38	4055106.50	63.04	63.04
DISCCART	731846.38	4055131.50	63.04	63.04
DISCCART	731846.38	4055156.50	63.04	63.04
DISCCART	731846.38	4055181.50	63.05	63.05
DISCCART	731846.38	4055206.50	63.06	63.06
DISCCART	731846.38	4055231.50	63.09	63.09
DISCCART	731846.38	4055256.50	63.12	63.12
DISCCART	731846.38	4055281.50	63.14	63.14
DISCCART	731846.38	4055306.50	63.14	63.14
DISCCART	731846.38	4055331.50	63.14	63.14
DISCCART	731871.38	4052331.50	68.48	68.48
DISCCART	731871.38	4052356.50	68.32	68.32
DISCCART	731871.38	4052381.50	68.17	68.17
DISCCART	731871.38	4052406.50	68.00	68.00
DISCCART	731871.38	4052781.50	66.54	66.54
DISCCART	731871.38	4052806.50	66.42	66.42
DISCCART	731871.38	4052831.50	66.34	66.34
DISCCART	731871.38	4052981.50	65.94	65.94
DISCCART	731871.38	4053006.50	65.94	65.94
DISCCART	731871.38	4053031.50	65.86	65.86
DISCCART	731871.38	4053056.50	65.84	65.84
DISCCART	731871.38	4053081.50	65.74	65.74
DISCCART	731871.38	4053106.50	65.67	65.67
DISCCART	731871.38	4054006.50	64.88	64.88
DISCCART	731871.38	4054031.50	63.34	63.34
DISCCART	731871.38	4054056.50	63.34	63.34
DISCCART	731871.38	4054081.50	63.44	63.44
DISCCART	731871.38	4054806.50	62.94	62.94
DISCCART	731871.38	4054831.50	62.94	62.94
DISCCART	731871.38	4054856.50	62.94	62.94
DISCCART	731871.38	4054881.50	62.94	62.94
DISCCART	731871.38	4054906.50	62.94	62.94
DISCCART	731871.38	4054931.50	62.94	62.94
DISCCART	731871.38	4054956.50	62.94	62.94
DISCCART	731871.38	4054981.50	62.94	62.94
DISCCART	731871.38	4055006.50	62.94	62.94
DISCCART	731871.38	4055031.50	62.94	62.94
DISCCART	731871.38	4055056.50	62.94	62.94
DISCCART	731871.38	4055081.50	62.99	62.99
DISCCART	731871.38	4055106.50	62.99	62.99
DISCCART	731871.38	4055131.50	63.04	63.04
DISCCART	731871.38	4055156.50	63.04	63.04
DISCCART	731871.38	4055181.50	63.04	63.04
DISCCART	731871.38	4055206.50	63.04	63.04
DISCCART	731871.38	4055231.50	63.04	63.04
DISCCART	731871.38	4055256.50	63.04	63.04
DISCCART	731871.38	4055281.50	63.05	63.05
DISCCART	731871.38	4055306.50	63.06	63.06
DISCCART	731871.38	4055331.50	63.08	63.08
DISCCART	731896.38	4052331.50	68.48	68.48
DISCCART	731896.38	4052356.50	68.31	68.31
DISCCART	731896.38	4052381.50	68.17	68.17
DISCCART	731896.38	4052406.50	68.00	68.00
DISCCART	731896.38	4052781.50	66.44	66.44
DISCCART	731896.38	4052806.50	66.35	66.35
DISCCART	731896.38	4052831.50	66.27	66.27
DISCCART	731896.38	4052981.50	65.94	65.94
DISCCART	731896.38	4053006.50	65.92	65.92
DISCCART	731896.38	4053031.50	65.82	65.82
DISCCART	731896.38	4053056.50	65.74	65.74
DISCCART	731896.38	4053081.50	65.68	65.68
DISCCART	731896.38	4053106.50	65.64	65.64
DISCCART	731896.38	4054006.50	64.94	64.94
DISCCART	731896.38	4054031.50	63.34	63.34
DISCCART	731896.38	4054056.50	63.34	63.34
DISCCART	731896.38	4054081.50	63.34	63.34
DISCCART	731896.38	4054806.50	62.94	62.94
DISCCART	731896.38	4054831.50	62.94	62.94
DISCCART	731896.38	4054856.50	62.94	62.94
DISCCART	731896.38	4054881.50	62.94	62.94
DISCCART	731896.38	4054906.50	62.94	62.94
DISCCART	731896.38	4054931.50	62.94	62.94
DISCCART	731896.38	4054956.50	62.94	62.94
DISCCART	731896.38	4054981.50	62.94	62.94
DISCCART	731896.38	4055006.50	62.94	62.94
DISCCART	731896.38	4055031.50	62.94	62.94
DISCCART	731896.38	4055056.50	62.94	62.94
DISCCART	731896.38	4055081.50	62.94	62.94
DISCCART	731896.38	4055106.50	62.95	62.95
DISCCART	731896.38	4055131.50	62.96	62.96
DISCCART	731896.38	4055156.50	63.02	63.02
DISCCART	731896.38	4055181.50	63.02	63.02
DISCCART	731896.38	4055206.50	63.04	63.04
DISCCART	731896.38	4055231.50	63.04	63.04
DISCCART	731896.38	4055256.50	63.04	63.04

DISCCART	731896.38	4055281.50	63.04	63.04
DISCCART	731896.38	4055306.50	63.04	63.04
DISCCART	731896.38	4055331.50	63.04	63.04
DISCCART	731921.38	4052331.50	68.47	68.47
DISCCART	731921.38	4052356.50	68.30	68.30
DISCCART	731921.38	4052381.50	68.17	68.17
DISCCART	731921.38	4052406.50	68.01	68.01
DISCCART	731921.38	4052781.50	66.38	66.38
DISCCART	731921.38	4052806.50	66.34	66.34
DISCCART	731921.38	4052831.50	66.24	66.24
DISCCART	731921.38	4052981.50	65.88	65.88
DISCCART	731921.38	4053006.50	65.84	65.84
DISCCART	731921.38	4053031.50	65.74	65.74
DISCCART	731921.38	4053056.50	65.72	65.72
DISCCART	731921.38	4053081.50	65.64	65.64
DISCCART	731921.38	4053106.50	65.55	65.55
DISCCART	731921.38	4054006.50	65.02	65.02
DISCCART	731921.38	4054031.50	63.40	63.40
DISCCART	731921.38	4054056.50	63.34	63.34
DISCCART	731921.38	4054081.50	63.31	63.31
DISCCART	731921.38	4054306.50	63.14	63.14
DISCCART	731921.38	4054331.50	63.14	63.14
DISCCART	731921.38	4054356.50	63.14	63.14
DISCCART	731921.38	4054381.50	63.06	63.06
DISCCART	731921.38	4054406.50	63.04	63.04
DISCCART	731921.38	4054431.50	63.04	63.04
DISCCART	731921.38	4054456.50	63.04	63.04
DISCCART	731921.38	4054481.50	63.04	63.04
DISCCART	731921.38	4054506.50	63.04	63.04
DISCCART	731921.38	4054531.50	63.04	63.04
DISCCART	731921.38	4054556.50	62.99	62.99
DISCCART	731921.38	4054581.50	62.94	62.94
DISCCART	731921.38	4054606.50	62.94	62.94
DISCCART	731921.38	4054631.50	62.94	62.94
DISCCART	731921.38	4054656.50	62.94	62.94
DISCCART	731921.38	4054681.50	62.94	62.94
DISCCART	731921.38	4054706.50	62.94	62.94
DISCCART	731921.38	4054731.50	62.94	62.94
DISCCART	731921.38	4054756.50	62.94	62.94
DISCCART	731921.38	4054781.50	62.94	62.94
DISCCART	731921.38	4054806.50	62.94	62.94
DISCCART	731921.38	4054831.50	62.89	62.89
DISCCART	731921.38	4054856.50	62.89	62.89
DISCCART	731921.38	4054881.50	62.85	62.85
DISCCART	731921.38	4054906.50	62.88	62.88
DISCCART	731921.38	4054931.50	62.88	62.88
DISCCART	731921.38	4054956.50	62.88	62.88
DISCCART	731921.38	4054981.50	62.88	62.88
DISCCART	731921.38	4055006.50	62.90	62.90
DISCCART	731921.38	4055031.50	62.94	62.94
DISCCART	731921.38	4055056.50	62.94	62.94
DISCCART	731921.38	4055081.50	62.94	62.94
DISCCART	731921.38	4055106.50	62.94	62.94
DISCCART	731921.38	4055131.50	62.94	62.94
DISCCART	731921.38	4055156.50	62.94	62.94
DISCCART	731921.38	4055181.50	62.94	62.94
DISCCART	731921.38	4055206.50	62.94	62.94
DISCCART	731921.38	4055231.50	62.95	62.95
DISCCART	731921.38	4055256.50	62.96	62.96
DISCCART	731921.38	4055281.50	62.98	62.98
DISCCART	731921.38	4055306.50	63.04	63.04
DISCCART	731921.38	4055331.50	63.04	63.04
DISCCART	731946.38	4052331.50	68.44	68.44
DISCCART	731946.38	4052356.50	68.30	68.30
DISCCART	731946.38	4052381.50	68.17	68.17
DISCCART	731946.38	4052406.50	68.01	68.01
DISCCART	731946.38	4052781.50	66.34	66.34
DISCCART	731946.38	4052806.50	66.34	66.34
DISCCART	731946.38	4052831.50	66.34	66.34
DISCCART	731946.38	4052981.50	65.86	65.86
DISCCART	731946.38	4053006.50	65.77	65.77
DISCCART	731946.38	4053031.50	65.71	65.71
DISCCART	731946.38	4053056.50	65.66	65.66
DISCCART	731946.38	4053081.50	65.55	65.55
DISCCART	731946.38	4053106.50	65.47	65.47
DISCCART	731946.38	4053681.50	64.92	64.92
DISCCART	731946.38	4053706.50	64.92	64.92
DISCCART	731946.38	4053731.50	64.88	64.88
DISCCART	731946.38	4053756.50	64.85	64.85
DISCCART	731946.38	4053781.50	64.85	64.85
DISCCART	731946.38	4053806.50	64.85	64.85
DISCCART	731946.38	4053831.50	64.85	64.85
DISCCART	731946.38	4053856.50	64.86	64.86
DISCCART	731946.38	4053881.50	64.86	64.86
DISCCART	731946.38	4053906.50	64.86	64.86
DISCCART	731946.38	4053931.50	64.86	64.86
DISCCART	731946.38	4053956.50	64.88	64.88
DISCCART	731946.38	4053981.50	64.96	64.96
DISCCART	731946.38	4054006.50	64.93	64.93
DISCCART	731946.38	4054031.50	63.42	63.42
DISCCART	731946.38	4054056.50	63.25	63.25
DISCCART	731946.38	4054081.50	63.24	63.24
DISCCART	731946.38	4054106.50	63.24	63.24
DISCCART	731946.38	4054131.50	63.24	63.24
DISCCART	731946.38	4054156.50	63.24	63.24
DISCCART	731946.38	4054181.50	63.16	63.16
DISCCART	731946.38	4054206.50	63.14	63.14
DISCCART	731946.38	4054231.50	63.14	63.14
DISCCART	731946.38	4054256.50	63.14	63.14
DISCCART	731946.38	4054281.50	63.14	63.14
DISCCART	731946.38	4054306.50	63.12	63.12
DISCCART	731946.38	4054331.50	63.05	63.05
DISCCART	731946.38	4054356.50	63.04	63.04
DISCCART	731946.38	4054381.50	63.04	63.04
DISCCART	731946.38	4054406.50	63.04	63.04
DISCCART	731946.38	4054431.50	63.04	63.04
DISCCART	731946.38	4054456.50	63.04	63.04
DISCCART	731946.38	4054481.50	63.01	63.01
DISCCART	731946.38	4054506.50	62.96	62.96
DISCCART	731946.38	4054531.50	62.94	62.94
DISCCART	731946.38	4054556.50	62.94	62.94
DISCCART	731946.38	4054581.50	62.94	62.94
DISCCART	731946.38	4054606.50	62.94	62.94
DISCCART	731946.38	4054631.50	62.94	62.94
DISCCART	731946.38	4054656.50	62.94	62.94

DISCCART	731946.38	4054681.50	62.93	62.93
DISCCART	731946.38	4054706.50	62.85	62.85
DISCCART	731946.38	4054731.50	62.85	62.85
DISCCART	731946.38	4054756.50	62.84	62.84
DISCCART	731946.38	4054781.50	62.84	62.84
DISCCART	731946.38	4054806.50	62.84	62.84
DISCCART	731946.38	4054831.50	62.84	62.84
DISCCART	731946.38	4054856.50	62.84	62.84
DISCCART	731946.38	4054881.50	62.84	62.84
DISCCART	731946.38	4054906.50	62.84	62.84
DISCCART	731946.38	4054931.50	62.84	62.84
DISCCART	731946.38	4054956.50	62.84	62.84
DISCCART	731946.38	4054981.50	62.84	62.84
DISCCART	731946.38	4055006.50	62.84	62.84
DISCCART	731946.38	4055031.50	62.84	62.84
DISCCART	731946.38	4055206.50	62.94	62.94
DISCCART	731946.38	4055231.50	62.94	62.94
DISCCART	731946.38	4055256.50	62.94	62.94
DISCCART	731946.38	4055281.50	62.94	62.94
DISCCART	731946.38	4055306.50	62.94	62.94
DISCCART	731946.38	4055331.50	62.94	62.94
DISCCART	731971.38	4052331.50	68.44	68.44
DISCCART	731971.38	4052356.50	68.30	68.30
DISCCART	731971.38	4052381.50	68.16	68.16
DISCCART	731971.38	4052406.50	68.04	68.04
DISCCART	731971.38	4052756.50	66.44	66.44
DISCCART	731971.38	4052781.50	66.44	66.44
DISCCART	731971.38	4052806.50	66.38	66.38
DISCCART	731971.38	4052831.50	66.39	66.39
DISCCART	731971.38	4052856.50	66.34	66.34
DISCCART	731971.38	4052881.50	66.25	66.25
DISCCART	731971.38	4052906.50	66.13	66.13
DISCCART	731971.38	4052931.50	66.04	66.04
DISCCART	731971.38	4052956.50	65.95	65.95
DISCCART	731971.38	4052981.50	65.86	65.86
DISCCART	731971.38	4053006.50	65.82	65.82
DISCCART	731971.38	4053031.50	65.74	65.74
DISCCART	731971.38	4053056.50	65.62	65.62
DISCCART	731971.38	4053081.50	65.56	65.56
DISCCART	731971.38	4053106.50	65.47	65.47
DISCCART	731971.38	4053131.50	65.40	65.40
DISCCART	731971.38	4053156.50	65.33	65.33
DISCCART	731971.38	4053181.50	65.24	65.24
DISCCART	731971.38	4053206.50	65.18	65.18
DISCCART	731971.38	4053231.50	65.14	65.14
DISCCART	731971.38	4053256.50	65.04	65.04
DISCCART	731971.38	4053281.50	65.04	65.04
DISCCART	731971.38	4053306.50	64.95	64.95
DISCCART	731971.38	4053331.50	64.94	64.94
DISCCART	731971.38	4053356.50	64.88	64.88
DISCCART	731971.38	4053381.50	64.88	64.88
DISCCART	731971.38	4053406.50	64.84	64.84
DISCCART	731971.38	4053431.50	64.84	64.84
DISCCART	731971.38	4053456.50	64.84	64.84
DISCCART	731971.38	4053481.50	64.84	64.84
DISCCART	731971.38	4053506.50	64.84	64.84
DISCCART	731971.38	4053531.50	64.84	64.84
DISCCART	731971.38	4053556.50	64.84	64.84
DISCCART	731971.38	4053581.50	64.84	64.84
DISCCART	731971.38	4053606.50	64.84	64.84
DISCCART	731971.38	4053631.50	64.84	64.84
DISCCART	731971.38	4053656.50	64.84	64.84
DISCCART	731971.38	4053681.50	64.78	64.78
DISCCART	731971.38	4053706.50	64.78	64.78
DISCCART	731971.38	4053731.50	64.79	64.79
DISCCART	731971.38	4053756.50	64.79	64.79
DISCCART	731971.38	4053781.50	64.79	64.79
DISCCART	731971.38	4053806.50	64.74	64.74
DISCCART	731971.38	4053831.50	64.73	64.73
DISCCART	731971.38	4053856.50	64.63	64.63
DISCCART	731971.38	4053881.50	64.58	64.58
DISCCART	731971.38	4053906.50	64.49	64.49
DISCCART	731971.38	4053931.50	64.36	64.36
DISCCART	731971.38	4053956.50	64.23	64.23
DISCCART	731971.38	4053981.50	63.83	63.83
DISCCART	731971.38	4054006.50	63.89	63.89
DISCCART	731971.38	4054031.50	63.41	63.41
DISCCART	731971.38	4054056.50	63.26	63.26
DISCCART	731971.38	4054081.50	63.24	63.24
DISCCART	731971.38	4054106.50	63.24	63.24
DISCCART	731971.38	4054131.50	63.19	63.19
DISCCART	731971.38	4054156.50	63.14	63.14
DISCCART	731971.38	4054181.50	63.14	63.14
DISCCART	731971.38	4054206.50	63.14	63.14
DISCCART	731971.38	4054231.50	63.14	63.14
DISCCART	731971.38	4054256.50	63.13	63.13
DISCCART	731971.38	4054281.50	63.06	63.06
DISCCART	731971.38	4054306.50	63.04	63.04
DISCCART	731971.38	4054331.50	63.04	63.04
DISCCART	731971.38	4054356.50	63.04	63.04
DISCCART	731971.38	4054381.50	63.04	63.04
DISCCART	731971.38	4054406.50	63.04	63.04
DISCCART	731971.38	4054431.50	62.98	62.98
DISCCART	731971.38	4055206.50	62.88	62.88
DISCCART	731971.38	4055231.50	62.88	62.88
DISCCART	731971.38	4055256.50	62.94	62.94
DISCCART	731971.38	4055281.50	62.94	62.94
DISCCART	731971.38	4055306.50	62.94	62.94
DISCCART	731971.38	4055331.50	62.94	62.94
DISCCART	731996.38	4052331.50	68.36	68.36
DISCCART	731996.38	4052356.50	68.25	68.25
DISCCART	731996.38	4052381.50	68.14	68.14
DISCCART	731996.38	4052406.50	68.04	68.04
DISCCART	731996.38	4052431.50	67.93	67.93
DISCCART	731996.38	4052456.50	67.72	67.72
DISCCART	731996.38	4052481.50	67.50	67.50
DISCCART	731996.38	4052506.50	67.22	67.22
DISCCART	731996.38	4052531.50	66.99	66.99
DISCCART	731996.38	4052556.50	66.86	66.86
DISCCART	731996.38	4052581.50	66.73	66.73
DISCCART	731996.38	4052606.50	66.65	66.65
DISCCART	731996.38	4052631.50	66.64	66.64
DISCCART	731996.38	4052656.50	66.63	66.63
DISCCART	731996.38	4052681.50	66.57	66.57
DISCCART	731996.38	4052706.50	66.55	66.55

DISCCART	731996.38	4052731.50	66.46	66.46
DISCCART	731996.38	4052756.50	66.34	66.34
DISCCART	731996.38	4052781.50	66.34	66.34
DISCCART	731996.38	4052806.50	66.34	66.34
DISCCART	731996.38	4052831.50	66.34	66.34
DISCCART	731996.38	4052856.50	66.31	66.31
DISCCART	731996.38	4052881.50	66.23	66.23
DISCCART	731996.38	4052906.50	66.05	66.05
DISCCART	731996.38	4052931.50	65.90	65.90
DISCCART	731996.38	4052956.50	65.81	65.81
DISCCART	731996.38	4052981.50	65.76	65.76
DISCCART	731996.38	4053006.50	65.66	65.66
DISCCART	731996.38	4053031.50	65.57	65.57
DISCCART	731996.38	4053056.50	65.55	65.55
DISCCART	731996.38	4053081.50	65.44	65.44
DISCCART	731996.38	4053106.50	65.35	65.35
DISCCART	731996.38	4053131.50	65.33	65.33
DISCCART	731996.38	4053156.50	65.25	65.25
DISCCART	731996.38	4053181.50	65.17	65.17
DISCCART	731996.38	4053206.50	65.14	65.14
DISCCART	731996.38	4053231.50	65.05	65.05
DISCCART	731996.38	4053256.50	65.00	65.00
DISCCART	731996.38	4053281.50	64.95	64.95
DISCCART	731996.38	4053306.50	64.90	64.90
DISCCART	731996.38	4053331.50	64.85	64.85
DISCCART	731996.38	4053356.50	64.82	64.82
DISCCART	731996.38	4053381.50	64.82	64.82
DISCCART	731996.38	4053406.50	64.76	64.76
DISCCART	731996.38	4053431.50	64.75	64.75
DISCCART	731996.38	4053456.50	64.75	64.75
DISCCART	731996.38	4053481.50	64.75	64.75
DISCCART	731996.38	4053506.50	64.74	64.74
DISCCART	731996.38	4053531.50	64.72	64.72
DISCCART	731996.38	4053556.50	64.72	64.72
DISCCART	731996.38	4053581.50	64.72	64.72
DISCCART	731996.38	4053831.50	64.32	64.32
DISCCART	731996.38	4053856.50	64.10	64.10
DISCCART	731996.38	4053881.50	63.86	63.86
DISCCART	731996.38	4053906.50	63.58	63.58
DISCCART	731996.38	4053931.50	63.40	63.40
DISCCART	731996.38	4053956.50	63.35	63.35
DISCCART	731996.38	4053981.50	63.33	63.33
DISCCART	731996.38	4054006.50	63.34	63.34
DISCCART	731996.38	4054031.50	63.35	63.35
DISCCART	731996.38	4054056.50	63.25	63.25
DISCCART	731996.38	4054081.50	63.24	63.24
DISCCART	731996.38	4055206.50	62.84	62.84
DISCCART	731996.38	4055231.50	62.84	62.84
DISCCART	731996.38	4055256.50	62.84	62.84
DISCCART	731996.38	4055281.50	62.84	62.84
DISCCART	731996.38	4055306.50	62.84	62.84
DISCCART	731996.38	4055331.50	62.85	62.85
DISCCART	732021.38	4052331.50	68.36	68.36
DISCCART	732021.38	4052356.50	68.21	68.21
DISCCART	732021.38	4052381.50	68.07	68.07
DISCCART	732021.38	4052406.50	67.97	67.97
DISCCART	732021.38	4052431.50	67.85	67.85
DISCCART	732021.38	4052456.50	67.67	67.67
DISCCART	732021.38	4052481.50	67.48	67.48
DISCCART	732021.38	4052506.50	67.32	67.32
DISCCART	732021.38	4052531.50	67.19	67.19
DISCCART	732021.38	4052556.50	67.04	67.04
DISCCART	732021.38	4052581.50	66.92	66.92
DISCCART	732021.38	4052606.50	66.85	66.85
DISCCART	732021.38	4052631.50	66.82	66.82
DISCCART	732021.38	4052656.50	66.70	66.70
DISCCART	732021.38	4052681.50	66.64	66.64
DISCCART	732021.38	4052706.50	66.53	66.53
DISCCART	732021.38	4052731.50	66.44	66.44
DISCCART	732021.38	4052756.50	66.34	66.34
DISCCART	732021.38	4052781.50	66.26	66.26
DISCCART	732021.38	4052806.50	66.24	66.24
DISCCART	732021.38	4052831.50	66.24	66.24
DISCCART	732021.38	4052856.50	66.18	66.18
DISCCART	732021.38	4052881.50	66.11	66.11
DISCCART	732021.38	4052906.50	66.05	66.05
DISCCART	732021.38	4052931.50	65.93	65.93
DISCCART	732021.38	4052956.50	65.84	65.84
DISCCART	732021.38	4052981.50	65.71	65.71
DISCCART	732021.38	4053006.50	65.62	65.62
DISCCART	732021.38	4053031.50	65.54	65.54
DISCCART	732021.38	4053056.50	65.45	65.45
DISCCART	732021.38	4053081.50	65.40	65.40
DISCCART	732021.38	4053106.50	65.34	65.34
DISCCART	732021.38	4053131.50	65.25	65.25
DISCCART	732021.38	4053156.50	65.23	65.23
DISCCART	732021.38	4053181.50	65.14	65.14
DISCCART	732021.38	4053206.50	65.04	65.04
DISCCART	732021.38	4053831.50	63.84	63.84
DISCCART	732021.38	4053856.50	63.65	63.65
DISCCART	732021.38	4053881.50	63.41	63.41
DISCCART	732021.38	4053906.50	63.34	63.34
DISCCART	732021.38	4053931.50	63.28	63.28
DISCCART	732021.38	4053956.50	63.24	63.24
DISCCART	732021.38	4053981.50	63.24	63.24
DISCCART	732021.38	4054006.50	63.25	63.25
DISCCART	732021.38	4054031.50	63.24	63.24
DISCCART	732021.38	4054056.50	63.24	63.24
DISCCART	732021.38	4055206.50	62.84	62.84
DISCCART	732021.38	4055231.50	62.84	62.84
DISCCART	732021.38	4055256.50	62.84	62.84
DISCCART	732021.38	4055281.50	62.84	62.84
DISCCART	732021.38	4055306.50	62.84	62.84
DISCCART	732021.38	4055331.50	62.84	62.84
DISCCART	732046.38	4052331.50	68.27	68.27
DISCCART	732046.38	4052356.50	68.15	68.15
DISCCART	732046.38	4052381.50	68.03	68.03
DISCCART	732046.38	4052406.50	67.90	67.90
DISCCART	732046.38	4052431.50	67.77	67.77
DISCCART	732046.38	4052456.50	67.64	67.64
DISCCART	732046.38	4052481.50	67.48	67.48
DISCCART	732046.38	4052506.50	67.35	67.35
DISCCART	732046.38	4052531.50	67.23	67.23
DISCCART	732046.38	4052556.50	67.11	67.11
DISCCART	732046.38	4052581.50	66.99	66.99

DISCCART	732046.38	4052606.50	66.90	66.90
DISCCART	732046.38	4052631.50	66.78	66.78
DISCCART	732046.38	4052656.50	66.71	66.71
DISCCART	732046.38	4052681.50	66.62	66.62
DISCCART	732046.38	4052706.50	66.50	66.50
DISCCART	732046.38	4052731.50	66.37	66.37
DISCCART	732046.38	4052756.50	66.33	66.33
DISCCART	732046.38	4052781.50	66.24	66.24
DISCCART	732046.38	4052806.50	66.15	66.15
DISCCART	732046.38	4052831.50	66.14	66.14
DISCCART	732046.38	4052856.50	66.05	66.05
DISCCART	732046.38	4052881.50	66.04	66.04
DISCCART	732046.38	4052906.50	65.95	65.95
DISCCART	732046.38	4052931.50	65.87	65.87
DISCCART	732046.38	4052956.50	65.77	65.77
DISCCART	732046.38	4052981.50	65.72	65.72
DISCCART	732046.38	4053006.50	65.61	65.61
DISCCART	732046.38	4053031.50	65.50	65.50
DISCCART	732046.38	4053056.50	65.44	65.44
DISCCART	732046.38	4053081.50	65.34	65.34
DISCCART	732046.38	4053106.50	65.25	65.25
DISCCART	732046.38	4053131.50	65.23	65.23
DISCCART	732046.38	4053156.50	65.14	65.14
DISCCART	732046.38	4053181.50	65.08	65.08
DISCCART	732046.38	4053206.50	65.04	65.04
DISCCART	732046.38	4053856.50	63.35	63.35
DISCCART	732046.38	4053881.50	63.32	63.32
DISCCART	732046.38	4053906.50	63.24	63.24
DISCCART	732046.38	4053931.50	63.24	63.24
DISCCART	732046.38	4053956.50	63.24	63.24
DISCCART	732046.38	4053981.50	63.24	63.24
DISCCART	732046.38	4054006.50	63.24	63.24
DISCCART	732046.38	4054031.50	63.18	63.18
DISCCART	732046.38	4054056.50	63.20	63.20
DISCCART	732046.38	4055206.50	62.74	62.74
DISCCART	732046.38	4055231.50	62.74	62.74
DISCCART	732046.38	4055256.50	62.75	62.75
DISCCART	732046.38	4055281.50	62.75	62.75
DISCCART	732046.38	4055306.50	62.83	62.83
DISCCART	732046.38	4055331.50	62.83	62.83
DISCCART	732071.38	4052331.50	68.26	68.26
DISCCART	732071.38	4052356.50	68.12	68.12
DISCCART	732071.38	4052381.50	67.95	67.95
DISCCART	732071.38	4052406.50	67.83	67.83
DISCCART	732071.38	4052431.50	67.70	67.70
DISCCART	732071.38	4052456.50	67.57	67.57
DISCCART	732071.38	4052481.50	67.49	67.49
DISCCART	732071.38	4052506.50	67.33	67.33
DISCCART	732071.38	4052531.50	67.23	67.23
DISCCART	732071.38	4052556.50	67.10	67.10
DISCCART	732071.38	4052581.50	67.00	67.00
DISCCART	732071.38	4052606.50	66.90	66.90
DISCCART	732071.38	4052631.50	66.76	66.76
DISCCART	732071.38	4052656.50	66.65	66.65
DISCCART	732071.38	4052681.50	66.55	66.55
DISCCART	732071.38	4052706.50	66.44	66.44
DISCCART	732071.38	4052731.50	66.34	66.34
DISCCART	732071.38	4052756.50	66.24	66.24
DISCCART	732071.38	4052781.50	66.18	66.18
DISCCART	732071.38	4052806.50	66.14	66.14
DISCCART	732071.38	4052831.50	66.08	66.08
DISCCART	732071.38	4052856.50	66.03	66.03
DISCCART	732071.38	4052881.50	65.96	65.96
DISCCART	732071.38	4052906.50	65.88	65.88
DISCCART	732071.38	4052931.50	65.83	65.83
DISCCART	732071.38	4052956.50	65.73	65.73
DISCCART	732071.38	4052981.50	65.64	65.64
DISCCART	732071.38	4053006.50	65.55	65.55
DISCCART	732071.38	4053031.50	65.45	65.45
DISCCART	732071.38	4053056.50	65.42	65.42
DISCCART	732071.38	4053081.50	65.34	65.34
DISCCART	732071.38	4053106.50	65.24	65.24
DISCCART	732071.38	4053131.50	65.16	65.16
DISCCART	732071.38	4053156.50	65.12	65.12
DISCCART	732071.38	4053181.50	65.04	65.04
DISCCART	732071.38	4053206.50	64.95	64.95
DISCCART	732071.38	4053856.50	63.33	63.33
DISCCART	732071.38	4053881.50	63.24	63.24
DISCCART	732071.38	4053906.50	63.24	63.24
DISCCART	732071.38	4053931.50	63.24	63.24
DISCCART	732071.38	4053956.50	63.24	63.24
DISCCART	732071.38	4053981.50	63.20	63.20
DISCCART	732071.38	4054006.50	63.14	63.14
DISCCART	732071.38	4054031.50	63.14	63.14
DISCCART	732071.38	4054056.50	63.14	63.14
DISCCART	732071.38	4055206.50	62.74	62.74
DISCCART	732071.38	4055231.50	62.74	62.74
DISCCART	732071.38	4055256.50	62.74	62.74
DISCCART	732071.38	4055281.50	62.74	62.74
DISCCART	732071.38	4055306.50	62.74	62.74
DISCCART	732071.38	4055331.50	62.74	62.74
DISCCART	732096.38	4052331.50	68.18	68.18
DISCCART	732096.38	4052356.50	68.04	68.04
DISCCART	732096.38	4052381.50	67.89	67.89
DISCCART	732096.38	4052406.50	67.75	67.75
DISCCART	732096.38	4052431.50	67.65	67.65
DISCCART	732096.38	4052456.50	67.54	67.54
DISCCART	732096.38	4052481.50	67.43	67.43
DISCCART	732096.38	4052506.50	67.31	67.31
DISCCART	732096.38	4052531.50	67.18	67.18
DISCCART	732096.38	4052556.50	67.06	67.06
DISCCART	732096.38	4052581.50	66.95	66.95
DISCCART	732096.38	4052606.50	66.84	66.84
DISCCART	732096.38	4052631.50	66.75	66.75
DISCCART	732096.38	4052656.50	66.62	66.62
DISCCART	732096.38	4052681.50	66.52	66.52
DISCCART	732096.38	4052706.50	66.40	66.40
DISCCART	732096.38	4052731.50	66.32	66.32
DISCCART	732096.38	4052756.50	66.24	66.24
DISCCART	732096.38	4052781.50	66.14	66.14
DISCCART	732096.38	4052806.50	66.05	66.05
DISCCART	732096.38	4052831.50	66.04	66.04
DISCCART	732096.38	4052856.50	65.95	65.95
DISCCART	732096.38	4052881.50	65.88	65.88
DISCCART	732096.38	4052906.50	65.84	65.84

DISCCART	732096.38	4052931.50	65.74	65.74
DISCCART	732096.38	4052956.50	65.66	65.66
DISCCART	732096.38	4052981.50	65.56	65.56
DISCCART	732096.38	4053006.50	65.46	65.46
DISCCART	732096.38	4053031.50	65.43	65.43
DISCCART	732096.38	4053056.50	65.34	65.34
DISCCART	732096.38	4053081.50	65.27	65.27
DISCCART	732096.38	4053106.50	65.21	65.21
DISCCART	732096.38	4053131.50	65.13	65.13
DISCCART	732096.38	4053156.50	65.04	65.04
DISCCART	732096.38	4053181.50	64.98	64.98
DISCCART	732096.38	4053206.50	64.94	64.94
DISCCART	732096.38	4053856.50	63.24	63.24
DISCCART	732096.38	4053881.50	63.24	63.24
DISCCART	732096.38	4053906.50	63.24	63.24
DISCCART	732096.38	4053931.50	63.21	63.21
DISCCART	732096.38	4053956.50	63.15	63.15
DISCCART	732096.38	4053981.50	63.14	63.14
DISCCART	732096.38	4054006.50	63.14	63.14
DISCCART	732096.38	4054031.50	63.13	63.13
DISCCART	732096.38	4054056.50	63.13	63.13
DISCCART	732096.38	4055206.50	62.65	62.65
DISCCART	732096.38	4055231.50	62.71	62.71
DISCCART	732096.38	4055256.50	62.73	62.73
DISCCART	732096.38	4055281.50	62.73	62.73
DISCCART	732096.38	4055306.50	62.74	62.74
DISCCART	732096.38	4055331.50	62.74	62.74
DISCCART	732121.38	4052331.50	68.14	68.14
DISCCART	732121.38	4052356.50	67.98	67.98
DISCCART	732121.38	4052381.50	67.85	67.85
DISCCART	732121.38	4052406.50	67.73	67.73
DISCCART	732121.38	4052431.50	67.60	67.60
DISCCART	732121.38	4052456.50	67.51	67.51
DISCCART	732121.38	4052481.50	67.38	67.38
DISCCART	732121.38	4052506.50	67.26	67.26
DISCCART	732121.38	4052531.50	67.14	67.14
DISCCART	732121.38	4052556.50	67.02	67.02
DISCCART	732121.38	4052581.50	66.90	66.90
DISCCART	732121.38	4052606.50	66.80	66.80
DISCCART	732121.38	4052631.50	66.66	66.66
DISCCART	732121.38	4052656.50	66.54	66.54
DISCCART	732121.38	4052681.50	66.45	66.45
DISCCART	732121.38	4052706.50	66.34	66.34
DISCCART	732121.38	4052731.50	66.26	66.26
DISCCART	732121.38	4052756.50	66.17	66.17
DISCCART	732121.38	4052781.50	66.13	66.13
DISCCART	732121.38	4052806.50	66.04	66.04
DISCCART	732121.38	4052831.50	65.95	65.95
DISCCART	732121.38	4052856.50	65.87	65.87
DISCCART	732121.38	4052881.50	65.84	65.84
DISCCART	732121.38	4052906.50	65.77	65.77
DISCCART	732121.38	4052931.50	65.66	65.66
DISCCART	732121.38	4052956.50	65.62	65.62
DISCCART	732121.38	4052981.50	65.54	65.54
DISCCART	732121.38	4053006.50	65.44	65.44
DISCCART	732121.38	4053031.50	65.34	65.34
DISCCART	732121.38	4053056.50	65.27	65.27
DISCCART	732121.38	4053081.50	65.24	65.24
DISCCART	732121.38	4053106.50	65.14	65.14
DISCCART	732121.38	4053131.50	65.06	65.06
DISCCART	732121.38	4053156.50	65.03	65.03
DISCCART	732121.38	4053181.50	64.94	64.94
DISCCART	732121.38	4053206.50	64.86	64.86
DISCCART	732121.38	4053981.50	63.14	63.14
DISCCART	732121.38	4054006.50	63.14	63.14
DISCCART	732121.38	4054031.50	63.07	63.07
DISCCART	732121.38	4054056.50	63.04	63.04
DISCCART	732121.38	4055206.50	62.64	62.64
DISCCART	732121.38	4055231.50	62.64	62.64
DISCCART	732121.38	4055256.50	62.64	62.64
DISCCART	732121.38	4055281.50	62.64	62.64
DISCCART	732121.38	4055306.50	62.64	62.64
DISCCART	732121.38	4055331.50	62.64	62.64
DISCCART	732146.38	4052331.50	68.08	68.08
DISCCART	732146.38	4052356.50	67.94	67.94
DISCCART	732146.38	4052381.50	67.79	67.79
DISCCART	732146.38	4052406.50	67.66	67.66
DISCCART	732146.38	4052431.50	67.57	67.57
DISCCART	732146.38	4052456.50	67.45	67.45
DISCCART	732146.38	4052481.50	67.32	67.32
DISCCART	732146.38	4052506.50	67.20	67.20
DISCCART	732146.38	4052531.50	67.07	67.07
DISCCART	732146.38	4052556.50	66.96	66.96
DISCCART	732146.38	4052581.50	66.86	66.86
DISCCART	732146.38	4052606.50	66.74	66.74
DISCCART	732146.38	4052631.50	66.62	66.62
DISCCART	732146.38	4052656.50	66.51	66.51
DISCCART	732146.38	4052681.50	66.39	66.39
DISCCART	732146.38	4052706.50	66.33	66.33
DISCCART	732146.38	4052731.50	66.23	66.23
DISCCART	732146.38	4052756.50	66.14	66.14
DISCCART	732146.38	4052781.50	66.08	66.08
DISCCART	732146.38	4052806.50	66.00	66.00
DISCCART	732146.38	4052831.50	65.94	65.94
DISCCART	732146.38	4052856.50	65.86	65.86
DISCCART	732146.38	4052881.50	65.76	65.76
DISCCART	732146.38	4052906.50	65.74	65.74
DISCCART	732146.38	4052931.50	65.65	65.65
DISCCART	732146.38	4052956.50	65.53	65.53
DISCCART	732146.38	4052981.50	65.44	65.44
DISCCART	732146.38	4053006.50	65.40	65.40
DISCCART	732146.38	4053031.50	65.32	65.32
DISCCART	732146.38	4053056.50	65.24	65.24
DISCCART	732146.38	4053081.50	65.14	65.14
DISCCART	732146.38	4053106.50	65.11	65.11
DISCCART	732146.38	4053131.50	65.02	65.02
DISCCART	732146.38	4053156.50	64.94	64.94
DISCCART	732146.38	4053181.50	64.88	64.88
DISCCART	732146.38	4053206.50	64.84	64.84
DISCCART	732146.38	4053981.50	63.07	63.07
DISCCART	732146.38	4054006.50	63.04	63.04
DISCCART	732146.38	4054031.50	63.04	63.04
DISCCART	732146.38	4054056.50	63.04	63.04
DISCCART	732146.38	4055206.50	62.62	62.62
DISCCART	732146.38	4055231.50	62.62	62.62

DISCCART	732146.38	4055256.50	62.63	62.63
DISCCART	732146.38	4055281.50	62.64	62.64
DISCCART	732146.38	4055306.50	62.64	62.64
DISCCART	732146.38	4055331.50	62.64	62.64
DISCCART	732171.38	4052331.50	68.03	68.03
DISCCART	732171.38	4052356.50	67.88	67.88
DISCCART	732171.38	4052381.50	67.75	67.75
DISCCART	732171.38	4052406.50	67.63	67.63
DISCCART	732171.38	4052431.50	67.50	67.50
DISCCART	732171.38	4052456.50	67.41	67.41
DISCCART	732171.38	4052481.50	67.27	67.27
DISCCART	732171.38	4052506.50	67.15	67.15
DISCCART	732171.38	4052531.50	67.04	67.04
DISCCART	732171.38	4052556.50	66.93	66.93
DISCCART	732171.38	4052581.50	66.80	66.80
DISCCART	732171.38	4052606.50	66.68	66.68
DISCCART	732171.38	4052631.50	66.56	66.56
DISCCART	732171.38	4052656.50	66.44	66.44
DISCCART	732171.38	4052681.50	66.34	66.34
DISCCART	732171.38	4052706.50	66.25	66.25
DISCCART	732171.38	4052731.50	66.19	66.19
DISCCART	732171.38	4052756.50	66.11	66.11
DISCCART	732171.38	4052781.50	66.04	66.04
DISCCART	732171.38	4052806.50	65.95	65.95
DISCCART	732171.38	4052831.50	65.87	65.87
DISCCART	732171.38	4052856.50	65.80	65.80
DISCCART	732171.38	4052881.50	65.74	65.74
DISCCART	732171.38	4052906.50	65.64	65.64
DISCCART	732171.38	4052931.50	65.56	65.56
DISCCART	732171.38	4052956.50	65.51	65.51
DISCCART	732171.38	4052981.50	65.40	65.40
DISCCART	732171.38	4053006.50	65.34	65.34
DISCCART	732171.38	4053031.50	65.26	65.26
DISCCART	732171.38	4053056.50	65.17	65.17
DISCCART	732171.38	4053081.50	65.10	65.10
DISCCART	732171.38	4053106.50	65.04	65.04
DISCCART	732171.38	4053131.50	64.96	64.96
DISCCART	732171.38	4053156.50	64.90	64.90
DISCCART	732171.38	4053181.50	64.84	64.84
DISCCART	732171.38	4053206.50	64.75	64.75
DISCCART	732171.38	4053981.50	63.04	63.04
DISCCART	732171.38	4054006.50	63.04	63.04
DISCCART	732171.38	4054031.50	63.00	63.00
DISCCART	732171.38	4054056.50	62.97	62.97
DISCCART	732171.38	4055206.50	62.54	62.54
DISCCART	732171.38	4055231.50	62.54	62.54
DISCCART	732171.38	4055256.50	62.54	62.54
DISCCART	732171.38	4055281.50	62.54	62.54
DISCCART	732171.38	4055306.50	62.54	62.54
DISCCART	732171.38	4055331.50	62.59	62.59
DISCCART	732196.38	4052331.50	67.98	67.98
DISCCART	732196.38	4052356.50	67.84	67.84
DISCCART	732196.38	4052381.50	67.72	67.72
DISCCART	732196.38	4052406.50	67.59	67.59
DISCCART	732196.38	4052431.50	67.47	67.47
DISCCART	732196.38	4052456.50	67.35	67.35
DISCCART	732196.38	4052481.50	67.23	67.23
DISCCART	732196.38	4052506.50	67.10	67.10
DISCCART	732196.38	4052531.50	66.97	66.97
DISCCART	732196.38	4052556.50	66.85	66.85
DISCCART	732196.38	4052581.50	66.75	66.75
DISCCART	732196.38	4052606.50	66.64	66.64
DISCCART	732196.38	4052631.50	66.52	66.52
DISCCART	732196.38	4052656.50	66.40	66.40
DISCCART	732196.38	4052681.50	66.32	66.32
DISCCART	732196.38	4052706.50	66.24	66.24
DISCCART	732196.38	4052731.50	66.14	66.14
DISCCART	732196.38	4052756.50	66.05	66.05
DISCCART	732196.38	4052781.50	65.98	65.98
DISCCART	732196.38	4052806.50	65.90	65.90
DISCCART	732196.38	4052831.50	65.84	65.84
DISCCART	732196.38	4052856.50	65.75	65.75
DISCCART	732196.38	4052881.50	65.66	65.66
DISCCART	732196.38	4052906.50	65.60	65.60
DISCCART	732196.38	4052931.50	65.52	65.52
DISCCART	732196.38	4052956.50	65.44	65.44
DISCCART	732196.38	4052981.50	65.34	65.34
DISCCART	732196.38	4053006.50	65.25	65.25
DISCCART	732196.38	4053031.50	65.22	65.22
DISCCART	732196.38	4053056.50	65.14	65.14
DISCCART	732196.38	4053081.50	65.04	65.04
DISCCART	732196.38	4053106.50	64.95	64.95
DISCCART	732196.38	4053131.50	64.93	64.93
DISCCART	732196.38	4053156.50	64.84	64.84
DISCCART	732196.38	4053181.50	64.77	64.77
DISCCART	732196.38	4053206.50	64.71	64.71
DISCCART	732196.38	4053981.50	63.04	63.04
DISCCART	732196.38	4054006.50	63.04	63.04
DISCCART	732196.38	4054031.50	62.96	62.96
DISCCART	732196.38	4054056.50	62.94	62.94
DISCCART	732196.38	4055206.50	62.53	62.53
DISCCART	732196.38	4055231.50	62.53	62.53
DISCCART	732196.38	4055256.50	62.53	62.53
DISCCART	732196.38	4055281.50	62.54	62.54
DISCCART	732196.38	4055306.50	62.54	62.54
DISCCART	732196.38	4055331.50	62.54	62.54
DISCCART	732221.38	4052331.50	67.93	67.93
DISCCART	732221.38	4052356.50	67.81	67.81
DISCCART	732221.38	4052381.50	67.65	67.65
DISCCART	732221.38	4052406.50	67.52	67.52
DISCCART	732221.38	4052431.50	67.40	67.40
DISCCART	732221.38	4052456.50	67.30	67.30
DISCCART	732221.38	4052481.50	67.17	67.17
DISCCART	732221.38	4052506.50	67.05	67.05
DISCCART	732221.38	4052531.50	66.94	66.94
DISCCART	732221.38	4052556.50	66.82	66.82
DISCCART	732221.38	4052581.50	66.70	66.70
DISCCART	732221.38	4052606.50	66.58	66.58
DISCCART	732221.38	4052631.50	66.45	66.45
DISCCART	732221.38	4052656.50	66.34	66.34
DISCCART	732221.38	4052681.50	66.26	66.26
DISCCART	732221.38	4052706.50	66.17	66.17
DISCCART	732221.38	4052731.50	66.10	66.10
DISCCART	732221.38	4052756.50	66.04	66.04
DISCCART	732221.38	4052781.50	65.94	65.94

DISCCART	732221.38	4052806.50	65.86	65.86
DISCCART	732221.38	4052831.50	65.80	65.80
DISCCART	732221.38	4052856.50	65.72	65.72
DISCCART	732221.38	4052881.50	65.64	65.64
DISCCART	732221.38	4052906.50	65.54	65.54
DISCCART	732221.38	4052931.50	65.45	65.45
DISCCART	732221.38	4052956.50	65.38	65.38
DISCCART	732221.38	4052981.50	65.30	65.30
DISCCART	732221.38	4053006.50	65.23	65.23
DISCCART	732221.38	4053031.50	65.14	65.14
DISCCART	732221.38	4053056.50	65.07	65.07
DISCCART	732221.38	4053081.50	65.00	65.00
DISCCART	732221.38	4053106.50	64.94	64.94
DISCCART	732221.38	4053131.50	64.84	64.84
DISCCART	732221.38	4053156.50	64.78	64.78
DISCCART	732221.38	4053181.50	64.74	64.74
DISCCART	732221.38	4053206.50	64.65	64.65
DISCCART	732221.38	4053231.50	64.60	64.60
DISCCART	732221.38	4053981.50	63.00	63.00
DISCCART	732221.38	4054006.50	62.94	62.94
DISCCART	732221.38	4054031.50	62.94	62.94
DISCCART	732221.38	4054056.50	62.94	62.94
DISCCART	732221.38	4055206.50	62.44	62.44
DISCCART	732221.38	4055231.50	62.44	62.44
DISCCART	732221.38	4055256.50	62.44	62.44
DISCCART	732221.38	4055281.50	62.44	62.44
DISCCART	732221.38	4055306.50	62.44	62.44
DISCCART	732221.38	4055331.50	62.49	62.49
DISCCART	732246.38	4052331.50	67.87	67.87
DISCCART	732246.38	4052356.50	67.74	67.74
DISCCART	732246.38	4052381.50	67.62	67.62
DISCCART	732246.38	4052406.50	67.49	67.49
DISCCART	732246.38	4052431.50	67.36	67.36
DISCCART	732246.38	4052456.50	67.25	67.25
DISCCART	732246.38	4052481.50	67.14	67.14
DISCCART	732246.38	4052506.50	67.00	67.00
DISCCART	732246.38	4052531.50	66.87	66.87
DISCCART	732246.38	4052556.50	66.75	66.75
DISCCART	732246.38	4052581.50	66.64	66.64
DISCCART	732246.38	4052606.50	66.54	66.54
DISCCART	732246.38	4052631.50	66.42	66.42
DISCCART	732246.38	4052656.50	66.32	66.32
DISCCART	732246.38	4052681.50	66.23	66.23
DISCCART	732246.38	4052706.50	66.14	66.14
DISCCART	732246.38	4052731.50	66.05	66.05
DISCCART	732246.38	4052756.50	65.96	65.96
DISCCART	732246.38	4052781.50	65.93	65.93
DISCCART	732246.38	4052806.50	65.84	65.84
DISCCART	732246.38	4052831.50	65.74	65.74
DISCCART	732246.38	4052856.50	65.65	65.65
DISCCART	732246.38	4052881.50	65.54	65.54
DISCCART	732246.38	4052906.50	65.50	65.50
DISCCART	732246.38	4052931.50	65.42	65.42
DISCCART	732246.38	4052956.50	65.34	65.34
DISCCART	732246.38	4052981.50	65.25	65.25
DISCCART	732246.38	4053006.50	65.15	65.15
DISCCART	732246.38	4053031.50	65.09	65.09
DISCCART	732246.38	4053056.50	65.04	65.04
DISCCART	732246.38	4053081.50	64.94	64.94
DISCCART	732246.38	4053106.50	64.86	64.86
DISCCART	732246.38	4053131.50	64.83	64.83
DISCCART	732246.38	4053156.50	64.74	64.74
DISCCART	732246.38	4053181.50	64.66	64.66
DISCCART	732246.38	4053206.50	64.61	64.61
DISCCART	732246.38	4053231.50	64.54	64.54
DISCCART	732246.38	4053981.50	62.94	62.94
DISCCART	732246.38	4054006.50	62.94	62.94
DISCCART	732246.38	4054031.50	62.93	62.93
DISCCART	732246.38	4054056.50	62.85	62.85
DISCCART	732246.38	4055206.50	62.42	62.42
DISCCART	732246.38	4055231.50	62.43	62.43
DISCCART	732246.38	4055256.50	62.44	62.44
DISCCART	732246.38	4055281.50	62.44	62.44
DISCCART	732246.38	4055306.50	62.44	62.44
DISCCART	732246.38	4055331.50	62.44	62.44
DISCCART	732271.38	4052331.50	67.80	67.80
DISCCART	732271.38	4052356.50	67.68	67.68
DISCCART	732271.38	4052381.50	67.55	67.55
DISCCART	732271.38	4052406.50	67.43	67.43
DISCCART	732271.38	4052431.50	67.30	67.30
DISCCART	732271.38	4052456.50	67.17	67.17
DISCCART	732271.38	4052481.50	67.05	67.05
DISCCART	732271.38	4052506.50	66.94	66.94
DISCCART	732271.38	4052531.50	66.84	66.84
DISCCART	732271.38	4052556.50	66.72	66.72
DISCCART	732271.38	4052581.50	66.58	66.58
DISCCART	732271.38	4052606.50	66.48	66.48
DISCCART	732271.38	4052631.50	66.36	66.36
DISCCART	732271.38	4052656.50	66.28	66.28
DISCCART	732271.38	4052681.50	66.18	66.18
DISCCART	732271.38	4052706.50	66.11	66.11
DISCCART	732271.38	4052731.50	66.04	66.04
DISCCART	732271.38	4052756.50	65.94	65.94
DISCCART	732271.38	4052781.50	65.85	65.85
DISCCART	732271.38	4052806.50	65.75	65.75
DISCCART	732271.38	4052831.50	65.70	65.70
DISCCART	732271.38	4052856.50	65.61	65.61
DISCCART	732271.38	4052881.50	65.54	65.54
DISCCART	732271.38	4052906.50	65.44	65.44
DISCCART	732271.38	4052931.50	65.36	65.36
DISCCART	732271.38	4052956.50	65.27	65.27
DISCCART	732271.38	4052981.50	65.23	65.23
DISCCART	732271.38	4053006.50	65.13	65.13
DISCCART	732271.38	4053031.50	65.04	65.04
DISCCART	732271.38	4053056.50	64.96	64.96
DISCCART	732271.38	4053081.50	64.90	64.90
DISCCART	732271.38	4053106.50	64.84	64.84
DISCCART	732271.38	4053131.50	64.74	64.74
DISCCART	732271.38	4053156.50	64.68	64.68
DISCCART	732271.38	4053181.50	64.64	64.64
DISCCART	732271.38	4053206.50	64.54	64.54
DISCCART	732271.38	4053231.50	64.50	64.50
DISCCART	732271.38	4053981.50	62.94	62.94
DISCCART	732271.38	4054006.50	62.94	62.94
DISCCART	732271.38	4054031.50	62.88	62.88

DISCCART	732271.38	4054056.50	62.84	62.84
DISCCART	732271.38	4055206.50	62.34	62.34
DISCCART	732271.38	4055231.50	62.34	62.34
DISCCART	732271.38	4055256.50	62.34	62.34
DISCCART	732271.38	4055281.50	62.34	62.34
DISCCART	732271.38	4055306.50	62.36	62.36
DISCCART	732271.38	4055331.50	62.39	62.39
DISCCART	732296.38	4052331.50	67.72	67.72
DISCCART	732296.38	4052356.50	67.61	67.61
DISCCART	732296.38	4052381.50	67.48	67.48
DISCCART	732296.38	4052406.50	67.36	67.36
DISCCART	732296.38	4052431.50	67.25	67.25
DISCCART	732296.38	4052456.50	67.11	67.11
DISCCART	732296.38	4052481.50	66.97	66.97
DISCCART	732296.38	4052506.50	66.91	66.91
DISCCART	732296.38	4052531.50	66.77	66.77
DISCCART	732296.38	4052556.50	66.64	66.64
DISCCART	732296.38	4052581.50	66.54	66.54
DISCCART	732296.38	4052606.50	66.42	66.42
DISCCART	732296.38	4052631.50	66.33	66.33
DISCCART	732296.38	4052656.50	66.24	66.24
DISCCART	732296.38	4052681.50	66.15	66.15
DISCCART	732296.38	4052706.50	66.06	66.06
DISCCART	732296.38	4052731.50	65.97	65.97
DISCCART	732296.38	4052756.50	65.90	65.90
DISCCART	732296.38	4052781.50	65.84	65.84
DISCCART	732296.38	4052806.50	65.74	65.74
DISCCART	732296.38	4052831.50	65.65	65.65
DISCCART	732296.38	4052856.50	65.54	65.54
DISCCART	732296.38	4052881.50	65.47	65.47
DISCCART	732296.38	4052906.50	65.41	65.41
DISCCART	732296.38	4052931.50	65.32	65.32
DISCCART	732296.38	4052956.50	65.24	65.24
DISCCART	732296.38	4052981.50	65.15	65.15
DISCCART	732296.38	4053006.50	65.06	65.06
DISCCART	732296.38	4053031.50	64.99	64.99
DISCCART	732296.38	4053056.50	64.94	64.94
DISCCART	732296.38	4053081.50	64.84	64.84
DISCCART	732296.38	4053106.50	64.76	64.76
DISCCART	732296.38	4053131.50	64.73	64.73
DISCCART	732296.38	4053156.50	64.64	64.64
DISCCART	732296.38	4053181.50	64.54	64.54
DISCCART	732296.38	4053206.50	64.52	64.52
DISCCART	732296.38	4053231.50	64.44	64.44
DISCCART	732296.38	4053981.50	62.93	62.93
DISCCART	732296.38	4054006.50	62.84	62.84
DISCCART	732296.38	4054031.50	62.84	62.84
DISCCART	732296.38	4054056.50	62.84	62.84
DISCCART	732296.38	4055206.50	62.33	62.33
DISCCART	732296.38	4055231.50	62.34	62.34
DISCCART	732296.38	4055256.50	62.34	62.34
DISCCART	732296.38	4055281.50	62.34	62.34
DISCCART	732296.38	4055306.50	62.34	62.34
DISCCART	732296.38	4055331.50	62.34	62.34
DISCCART	732321.38	4052331.50	67.65	67.65
DISCCART	732321.38	4052356.50	67.53	67.53
DISCCART	732321.38	4052381.50	67.44	67.44
DISCCART	732321.38	4052406.50	67.31	67.31
DISCCART	732321.38	4052431.50	67.16	67.16
DISCCART	732321.38	4052456.50	67.04	67.04
DISCCART	732321.38	4052481.50	66.95	66.95
DISCCART	732321.38	4052506.50	66.83	66.83
DISCCART	732321.38	4052531.50	66.70	66.70
DISCCART	732321.38	4052556.50	66.62	66.62
DISCCART	732321.38	4052581.50	66.48	66.48
DISCCART	732321.38	4052606.50	66.38	66.38
DISCCART	732321.38	4052631.50	66.28	66.28
DISCCART	732321.38	4052656.50	66.20	66.20
DISCCART	732321.38	4052681.50	66.10	66.10
DISCCART	732321.38	4052706.50	66.02	66.02
DISCCART	732321.38	4052731.50	65.94	65.94
DISCCART	732321.38	4052756.50	65.85	65.85
DISCCART	732321.38	4052781.50	65.75	65.75
DISCCART	732321.38	4052806.50	65.68	65.68
DISCCART	732321.38	4052831.50	65.60	65.60
DISCCART	732321.38	4052856.50	65.52	65.52
DISCCART	732321.38	4052881.50	65.44	65.44
DISCCART	732321.38	4052906.50	65.34	65.34
DISCCART	732321.38	4052931.50	65.26	65.26
DISCCART	732321.38	4052956.50	65.17	65.17
DISCCART	732321.38	4052981.50	65.10	65.10
DISCCART	732321.38	4053006.50	65.04	65.04
DISCCART	732321.38	4053031.50	64.94	64.94
DISCCART	732321.38	4053056.50	64.85	64.85
DISCCART	732321.38	4053081.50	64.80	64.80
DISCCART	732321.38	4053106.50	64.74	64.74
DISCCART	732321.38	4053131.50	64.64	64.64
DISCCART	732321.38	4053156.50	64.58	64.58
DISCCART	732321.38	4053181.50	64.54	64.54
DISCCART	732321.38	4053206.50	64.44	64.44
DISCCART	732321.38	4053231.50	64.40	64.40
DISCCART	732321.38	4053981.50	62.84	62.84
DISCCART	732321.38	4054006.50	62.84	62.84
DISCCART	732321.38	4054031.50	62.84	62.84
DISCCART	732321.38	4054056.50	62.77	62.77
DISCCART	732321.38	4055231.50	62.24	62.24
DISCCART	732321.38	4055256.50	62.24	62.24
DISCCART	732321.38	4055281.50	62.24	62.24
DISCCART	732321.38	4055306.50	62.29	62.29
DISCCART	732321.38	4055331.50	62.34	62.34
DISCCART	732346.38	4052331.50	67.57	67.57
DISCCART	732346.38	4052356.50	67.46	67.46
DISCCART	732346.38	4052381.50	67.35	67.35
DISCCART	732346.38	4052406.50	67.24	67.24
DISCCART	732346.38	4052431.50	67.13	67.13
DISCCART	732346.38	4052456.50	67.01	67.01
DISCCART	732346.38	4052481.50	66.88	66.88
DISCCART	732346.38	4052506.50	66.74	66.74
DISCCART	732346.38	4052531.50	66.64	66.64
DISCCART	732346.38	4052556.50	66.54	66.54
DISCCART	732346.38	4052581.50	66.43	66.43
DISCCART	732346.38	4052606.50	66.34	66.34
DISCCART	732346.38	4052631.50	66.24	66.24
DISCCART	732346.38	4052656.50	66.15	66.15
DISCCART	732346.38	4052681.50	66.05	66.05

DISCCART	732346.38	4052706.50	65.96	65.96
DISCCART	732346.38	4052731.50	65.87	65.87
DISCCART	732346.38	4052756.50	65.81	65.81
DISCCART	732346.38	4052781.50	65.74	65.74
DISCCART	732346.38	4052806.50	65.64	65.64
DISCCART	732346.38	4052831.50	65.55	65.55
DISCCART	732346.38	4052856.50	65.44	65.44
DISCCART	732346.38	4052881.50	65.37	65.37
DISCCART	732346.38	4052906.50	65.30	65.30
DISCCART	732346.38	4052931.50	65.22	65.22
DISCCART	732346.38	4052956.50	65.14	65.14
DISCCART	732346.38	4052981.50	65.05	65.05
DISCCART	732346.38	4053006.50	64.96	64.96
DISCCART	732346.38	4053031.50	64.88	64.88
DISCCART	732346.38	4053056.50	64.84	64.84
DISCCART	732346.38	4053081.50	64.74	64.74
DISCCART	732346.38	4053106.50	64.65	64.65
DISCCART	732346.38	4053131.50	64.63	64.63
DISCCART	732346.38	4053156.50	64.54	64.54
DISCCART	732346.38	4053181.50	64.46	64.46
DISCCART	732346.38	4053206.50	64.43	64.43
DISCCART	732346.38	4053231.50	64.34	64.34
DISCCART	732346.38	4053981.50	62.84	62.84
DISCCART	732346.38	4054006.50	62.84	62.84
DISCCART	732346.38	4054031.50	62.78	62.78
DISCCART	732346.38	4054056.50	62.74	62.74
DISCCART	732346.38	4055231.50	62.24	62.24
DISCCART	732346.38	4055256.50	62.24	62.24
DISCCART	732346.38	4055281.50	62.24	62.24
DISCCART	732346.38	4055306.50	62.24	62.24
DISCCART	732346.38	4055331.50	62.24	62.24
DISCCART	732371.38	4052331.50	67.50	67.50
DISCCART	732371.38	4052356.50	67.41	67.41
DISCCART	732371.38	4052381.50	67.26	67.26
DISCCART	732371.38	4052406.50	67.17	67.17
DISCCART	732371.38	4052431.50	67.05	67.05
DISCCART	732371.38	4052456.50	66.93	66.93
DISCCART	732371.38	4052481.50	66.84	66.84
DISCCART	732371.38	4052506.50	66.72	66.72
DISCCART	732371.38	4052531.50	66.61	66.61
DISCCART	732371.38	4052556.50	66.48	66.48
DISCCART	732371.38	4052581.50	66.38	66.38
DISCCART	732371.38	4052606.50	66.28	66.28
DISCCART	732371.38	4052631.50	66.20	66.20
DISCCART	732371.38	4052656.50	66.10	66.10
DISCCART	732371.38	4052681.50	66.04	66.04
DISCCART	732371.38	4052706.50	65.94	65.94
DISCCART	732371.38	4052731.50	65.84	65.84
DISCCART	732371.38	4052756.50	65.74	65.74
DISCCART	732371.38	4052781.50	65.65	65.65
DISCCART	732371.38	4052806.50	65.58	65.58
DISCCART	732371.38	4052831.50	65.50	65.50
DISCCART	732371.38	4052856.50	65.43	65.43
DISCCART	732371.38	4052881.50	65.34	65.34
DISCCART	732371.38	4052906.50	65.25	65.25
DISCCART	732371.38	4052931.50	65.16	65.16
DISCCART	732371.38	4052956.50	65.08	65.08
DISCCART	732371.38	4052981.50	65.00	65.00
DISCCART	732371.38	4053006.50	64.92	64.92
DISCCART	732371.38	4053031.50	64.84	64.84
DISCCART	732371.38	4053056.50	64.75	64.75
DISCCART	732371.38	4053081.50	64.70	64.70
DISCCART	732371.38	4053106.50	64.64	64.64
DISCCART	732371.38	4053131.50	64.54	64.54
DISCCART	732371.38	4053156.50	64.48	64.48
DISCCART	732371.38	4053181.50	64.44	64.44
DISCCART	732371.38	4053206.50	64.34	64.34
DISCCART	732371.38	4053231.50	64.30	64.30
DISCCART	732371.38	4053981.50	62.80	62.80
DISCCART	732371.38	4054006.50	62.74	62.74
DISCCART	732371.38	4054031.50	62.74	62.74
DISCCART	732371.38	4054056.50	62.74	62.74
DISCCART	732371.38	4055231.50	62.14	62.14
DISCCART	732371.38	4055256.50	62.19	62.19
DISCCART	732371.38	4055281.50	62.19	62.19
DISCCART	732371.38	4055306.50	62.24	62.24
DISCCART	732371.38	4055331.50	62.24	62.24
DISCCART	732396.38	4052331.50	67.45	67.45
DISCCART	732396.38	4052356.50	67.34	67.34
DISCCART	732396.38	4052381.50	67.23	67.23
DISCCART	732396.38	4052406.50	67.11	67.11
DISCCART	732396.38	4052431.50	66.98	66.98
DISCCART	732396.38	4052456.50	66.84	66.84
DISCCART	732396.38	4052481.50	66.77	66.77
DISCCART	732396.38	4052506.50	66.65	66.65
DISCCART	732396.38	4052531.50	66.53	66.53
DISCCART	732396.38	4052556.50	66.44	66.44
DISCCART	732396.38	4052581.50	66.33	66.33
DISCCART	732396.38	4052606.50	66.25	66.25
DISCCART	732396.38	4052631.50	66.15	66.15
DISCCART	732396.38	4052656.50	66.05	66.05
DISCCART	732396.38	4052681.50	65.96	65.96
DISCCART	732396.38	4052706.50	65.90	65.90
DISCCART	732396.38	4052731.50	65.83	65.83
DISCCART	732396.38	4052756.50	65.72	65.72
DISCCART	732396.38	4052781.50	65.64	65.64
DISCCART	732396.38	4052806.50	65.54	65.54
DISCCART	732396.38	4052831.50	65.45	65.45
DISCCART	732396.38	4052856.50	65.35	65.35
DISCCART	732396.38	4052881.50	65.29	65.29
DISCCART	732396.38	4052906.50	65.22	65.22
DISCCART	732396.38	4052931.50	65.13	65.13
DISCCART	732396.38	4052956.50	65.05	65.05
DISCCART	732396.38	4052981.50	64.95	64.95
DISCCART	732396.38	4053006.50	64.86	64.86
DISCCART	732396.38	4053031.50	64.77	64.77
DISCCART	732396.38	4053056.50	64.74	64.74
DISCCART	732396.38	4053081.50	64.64	64.64
DISCCART	732396.38	4053106.50	64.55	64.55
DISCCART	732396.38	4053131.50	64.53	64.53
DISCCART	732396.38	4053156.50	64.44	64.44
DISCCART	732396.38	4053181.50	64.37	64.37
DISCCART	732396.38	4053206.50	64.34	64.34
DISCCART	732396.38	4053231.50	64.24	64.24
DISCCART	732396.38	4053981.50	62.74	62.74

DISCCART	732396.38	4054006.50	62.74	62.74
DISCCART	732396.38	4054031.50	62.74	62.74
DISCCART	732396.38	4054056.50	62.66	62.66
DISCCART	732396.38	4055231.50	62.14	62.14
DISCCART	732396.38	4055256.50	62.14	62.14
DISCCART	732396.38	4055281.50	62.14	62.14
DISCCART	732396.38	4055306.50	62.14	62.14
DISCCART	732396.38	4055331.50	62.14	62.14
DISCCART	732421.38	4052331.50	67.35	67.35
DISCCART	732421.38	4052356.50	67.24	67.24
DISCCART	732421.38	4052381.50	67.14	67.14
DISCCART	732421.38	4052406.50	67.03	67.03
DISCCART	732421.38	4052431.50	66.94	66.94
DISCCART	732421.38	4052456.50	66.83	66.83
DISCCART	732421.38	4052481.50	66.70	66.70
DISCCART	732421.38	4052506.50	66.57	66.57
DISCCART	732421.38	4052531.50	66.48	66.48
DISCCART	732421.38	4052556.50	66.38	66.38
DISCCART	732421.38	4052581.50	66.27	66.27
DISCCART	732421.38	4052606.50	66.20	66.20
DISCCART	732421.38	4052631.50	66.10	66.10
DISCCART	732421.38	4052656.50	66.02	66.02
DISCCART	732421.38	4052681.50	65.94	65.94
DISCCART	732421.38	4052706.50	65.84	65.84
DISCCART	732421.38	4052731.50	65.74	65.74
DISCCART	732421.38	4052756.50	65.64	65.64
DISCCART	732421.38	4052781.50	65.58	65.58
DISCCART	732421.38	4052806.50	65.52	65.52
DISCCART	732421.38	4052831.50	65.43	65.43
DISCCART	732421.38	4052856.50	65.33	65.33
DISCCART	732421.38	4052881.50	65.23	65.23
DISCCART	732421.38	4052906.50	65.15	65.15
DISCCART	732421.38	4052931.50	65.06	65.06
DISCCART	732421.38	4052956.50	64.98	64.98
DISCCART	732421.38	4052981.50	64.90	64.90
DISCCART	732421.38	4053006.50	64.84	64.84
DISCCART	732421.38	4053031.50	64.74	64.74
DISCCART	732421.38	4053056.50	64.67	64.67
DISCCART	732421.38	4053081.50	64.60	64.60
DISCCART	732421.38	4053106.50	64.54	64.54
DISCCART	732421.38	4053131.50	64.46	64.46
DISCCART	732421.38	4053156.50	64.42	64.42
DISCCART	732421.38	4053181.50	64.34	64.34
DISCCART	732421.38	4053206.50	64.24	64.24
DISCCART	732421.38	4053231.50	64.20	64.20
DISCCART	732421.38	4053981.50	62.74	62.74
DISCCART	732421.38	4054006.50	62.74	62.74
DISCCART	732421.38	4054031.50	62.66	62.66
DISCCART	732421.38	4054056.50	62.64	62.64
DISCCART	732421.38	4055231.50	62.09	62.09
DISCCART	732421.38	4055256.50	62.09	62.09
DISCCART	732421.38	4055281.50	62.14	62.14
DISCCART	732421.38	4055306.50	62.14	62.14
DISCCART	732421.38	4055331.50	62.14	62.14
DISCCART	732446.38	4052331.50	67.28	67.28
DISCCART	732446.38	4052356.50	67.20	67.20
DISCCART	732446.38	4052381.50	67.07	67.07
DISCCART	732446.38	4052406.50	66.95	66.95
DISCCART	732446.38	4052431.50	66.84	66.84
DISCCART	732446.38	4052456.50	66.74	66.74
DISCCART	732446.38	4052481.50	66.63	66.63
DISCCART	732446.38	4052506.50	66.51	66.51
DISCCART	732446.38	4052531.50	66.42	66.42
DISCCART	732446.38	4052556.50	66.34	66.34
DISCCART	732446.38	4052581.50	66.24	66.24
DISCCART	732446.38	4052606.50	66.14	66.14
DISCCART	732446.38	4052631.50	66.05	66.05
DISCCART	732446.38	4052656.50	65.96	65.96
DISCCART	732446.38	4052681.50	65.86	65.86
DISCCART	732446.38	4052706.50	65.80	65.80
DISCCART	732446.38	4052731.50	65.73	65.73
DISCCART	732446.38	4052756.50	65.64	65.64
DISCCART	732446.38	4052781.50	65.54	65.54
DISCCART	732446.38	4052806.50	65.44	65.44
DISCCART	732446.38	4052831.50	65.35	65.35
DISCCART	732446.38	4052856.50	65.26	65.26
DISCCART	732446.38	4052881.50	65.19	65.19
DISCCART	732446.38	4052906.50	65.11	65.11
DISCCART	732446.38	4052931.50	65.04	65.04
DISCCART	732446.38	4052956.50	64.95	64.95
DISCCART	732446.38	4052981.50	64.85	64.85
DISCCART	732446.38	4053006.50	64.76	64.76
DISCCART	732446.38	4053031.50	64.73	64.73
DISCCART	732446.38	4053056.50	64.64	64.64
DISCCART	732446.38	4053081.50	64.54	64.54
DISCCART	732446.38	4053106.50	64.51	64.51
DISCCART	732446.38	4053131.50	64.44	64.44
DISCCART	732446.38	4053156.50	64.34	64.34
DISCCART	732446.38	4053181.50	64.28	64.28
DISCCART	732446.38	4053206.50	64.24	64.24
DISCCART	732446.38	4053231.50	64.14	64.14
DISCCART	732446.38	4053981.50	62.73	62.73
DISCCART	732446.38	4054006.50	62.64	62.64
DISCCART	732446.38	4054031.50	62.64	62.64
DISCCART	732446.38	4054056.50	62.64	62.64
DISCCART	732446.38	4055231.50	62.04	62.04
DISCCART	732446.38	4055256.50	62.04	62.04
DISCCART	732446.38	4055281.50	62.04	62.04
DISCCART	732446.38	4055306.50	62.04	62.04
DISCCART	732446.38	4055331.50	62.04	62.04
DISCCART	732471.38	4052331.50	67.24	67.24
DISCCART	732471.38	4052356.50	67.13	67.13
DISCCART	732471.38	4052381.50	67.00	67.00
DISCCART	732471.38	4052406.50	66.93	66.93
DISCCART	732471.38	4052431.50	66.79	66.79
DISCCART	732471.38	4052456.50	66.68	66.68
DISCCART	732471.38	4052481.50	66.56	66.56
DISCCART	732471.38	4052506.50	66.45	66.45
DISCCART	732471.38	4052531.50	66.36	66.36
DISCCART	732471.38	4052556.50	66.26	66.26
DISCCART	732471.38	4052581.50	66.17	66.17
DISCCART	732471.38	4052606.50	66.10	66.10
DISCCART	732471.38	4052631.50	66.00	66.00
DISCCART	732471.38	4052656.50	65.92	65.92
DISCCART	732471.38	4052681.50	65.84	65.84

DISCCART	732471.38	4052706.50	65.74	65.74
DISCCART	732471.38	4052731.50	65.66	65.66
DISCCART	732471.38	4052756.50	65.54	65.54
DISCCART	732471.38	4052781.50	65.48	65.48
DISCCART	732471.38	4052806.50	65.41	65.41
DISCCART	732471.38	4052831.50	65.33	65.33
DISCCART	732471.38	4052856.50	65.24	65.24
DISCCART	732471.38	4052881.50	65.14	65.14
DISCCART	732471.38	4052906.50	65.06	65.06
DISCCART	732471.38	4052931.50	64.97	64.97
DISCCART	732471.38	4052956.50	64.90	64.90
DISCCART	732471.38	4052981.50	64.84	64.84
DISCCART	732471.38	4053006.50	64.74	64.74
DISCCART	732471.38	4053031.50	64.65	64.65
DISCCART	732471.38	4053056.50	64.57	64.57
DISCCART	732471.38	4053081.50	64.54	64.54
DISCCART	732471.38	4053106.50	64.44	64.44
DISCCART	732471.38	4053131.50	64.36	64.36
DISCCART	732471.38	4053156.50	64.32	64.32
DISCCART	732471.38	4053181.50	64.24	64.24
DISCCART	732471.38	4053206.50	64.15	64.15
DISCCART	732471.38	4053231.50	64.10	64.10
DISCCART	732471.38	4053981.50	62.64	62.64
DISCCART	732471.38	4054006.50	62.64	62.64
DISCCART	732471.38	4054031.50	62.64	62.64
DISCCART	732471.38	4054056.50	62.57	62.57
DISCCART	732471.38	4055231.50	62.03	62.03
DISCCART	732471.38	4055256.50	62.04	62.04
DISCCART	732471.38	4055281.50	62.04	62.04
DISCCART	732471.38	4055306.50	62.04	62.04
DISCCART	732471.38	4055331.50	62.04	62.04
DISCCART	732496.38	4052331.50	67.15	67.15
DISCCART	732496.38	4052356.50	67.03	67.03
DISCCART	732496.38	4052381.50	66.94	66.94
DISCCART	732496.38	4052406.50	66.84	66.84
DISCCART	732496.38	4052431.50	66.72	66.72
DISCCART	732496.38	4052456.50	66.61	66.61
DISCCART	732496.38	4052481.50	66.52	66.52
DISCCART	732496.38	4052506.50	66.39	66.39
DISCCART	732496.38	4052531.50	66.32	66.32
DISCCART	732496.38	4052556.50	66.21	66.21
DISCCART	732496.38	4052581.50	66.14	66.14
DISCCART	732496.38	4052606.50	66.04	66.04
DISCCART	732496.38	4052631.50	65.95	65.95
DISCCART	732496.38	4052656.50	65.85	65.85
DISCCART	732496.38	4052681.50	65.77	65.77
DISCCART	732496.38	4052706.50	65.71	65.71
DISCCART	732496.38	4052731.50	65.63	65.63
DISCCART	732496.38	4052756.50	65.54	65.54
DISCCART	732496.38	4052781.50	65.44	65.44
DISCCART	732496.38	4052806.50	65.35	65.35
DISCCART	732496.38	4052831.50	65.27	65.27
DISCCART	732496.38	4052856.50	65.16	65.16
DISCCART	732496.38	4052881.50	65.08	65.08
DISCCART	732496.38	4052906.50	65.01	65.01
DISCCART	732496.38	4052931.50	64.94	64.94
DISCCART	732496.38	4052956.50	64.84	64.84
DISCCART	732496.38	4052981.50	64.76	64.76
DISCCART	732496.38	4053006.50	64.70	64.70
DISCCART	732496.38	4053031.50	64.63	64.63
DISCCART	732496.38	4053056.50	64.54	64.54
DISCCART	732496.38	4053081.50	64.44	64.44
DISCCART	732496.38	4053106.50	64.41	64.41
DISCCART	732496.38	4053131.50	64.33	64.33
DISCCART	732496.38	4053156.50	64.24	64.24
DISCCART	732496.38	4053181.50	64.18	64.18
DISCCART	732496.38	4053206.50	64.14	64.14
DISCCART	732496.38	4053231.50	64.04	64.04
DISCCART	732496.38	4053981.50	62.64	62.64
DISCCART	732496.38	4054006.50	62.64	62.64
DISCCART	732496.38	4054031.50	62.56	62.56
DISCCART	732496.38	4054056.50	62.54	62.54
DISCCART	732496.38	4054081.50	62.54	62.54
DISCCART	732496.38	4055231.50	61.94	61.94
DISCCART	732496.38	4055256.50	61.94	61.94
DISCCART	732496.38	4055281.50	61.94	61.94
DISCCART	732496.38	4055306.50	61.94	61.94
DISCCART	732496.38	4055331.50	61.94	61.94
DISCCART	732521.38	4052331.50	67.08	67.08
DISCCART	732521.38	4052356.50	66.97	66.97
DISCCART	732521.38	4052381.50	66.86	66.86
DISCCART	732521.38	4052406.50	66.75	66.75
DISCCART	732521.38	4052431.50	66.65	66.65
DISCCART	732521.38	4052456.50	66.55	66.55
DISCCART	732521.38	4052481.50	66.44	66.44
DISCCART	732521.38	4052506.50	66.35	66.35
DISCCART	732521.38	4052531.50	66.24	66.24
DISCCART	732521.38	4052556.50	66.15	66.15
DISCCART	732521.38	4052581.50	66.06	66.06
DISCCART	732521.38	4052606.50	65.97	65.97
DISCCART	732521.38	4052631.50	65.90	65.90
DISCCART	732521.38	4052656.50	65.83	65.83
DISCCART	732521.38	4052681.50	65.74	65.74
DISCCART	732521.38	4052706.50	65.64	65.64
DISCCART	732521.38	4052731.50	65.56	65.56
DISCCART	732521.38	4052756.50	65.47	65.47
DISCCART	732521.38	4052781.50	65.38	65.38
DISCCART	732521.38	4052806.50	65.30	65.30
DISCCART	732521.38	4052831.50	65.23	65.23
DISCCART	732521.38	4052856.50	65.14	65.14
DISCCART	732521.38	4052881.50	65.04	65.04
DISCCART	732521.38	4052906.50	64.95	64.95
DISCCART	732521.38	4052931.50	64.86	64.86
DISCCART	732521.38	4052956.50	64.81	64.81
DISCCART	732521.38	4052981.50	64.74	64.74
DISCCART	732521.38	4053006.50	64.64	64.64
DISCCART	732521.38	4053031.50	64.55	64.55
DISCCART	732521.38	4053056.50	64.53	64.53
DISCCART	732521.38	4053081.50	64.44	64.44
DISCCART	732521.38	4053106.50	64.34	64.34
DISCCART	732521.38	4053131.50	64.26	64.26
DISCCART	732521.38	4053156.50	64.22	64.22
DISCCART	732521.38	4053181.50	64.14	64.14
DISCCART	732521.38	4053206.50	64.05	64.05
DISCCART	732521.38	4053231.50	64.00	64.00

DISCCART	732521.38	4053981.50	62.64	62.64
DISCCART	732521.38	4054006.50	62.55	62.55
DISCCART	732521.38	4054031.50	62.54	62.54
DISCCART	732521.38	4054056.50	62.54	62.54
DISCCART	732521.38	4054081.50	62.50	62.50
DISCCART	732521.38	4055231.50	61.94	61.94
DISCCART	732521.38	4055256.50	61.94	61.94
DISCCART	732521.38	4055281.50	61.94	61.94
DISCCART	732521.38	4055306.50	61.94	61.94
DISCCART	732521.38	4055331.50	61.94	61.94
DISCCART	732546.38	4052331.50	67.02	67.02
DISCCART	732546.38	4052356.50	66.90	66.90
DISCCART	732546.38	4052381.50	66.79	66.79
DISCCART	732546.38	4052406.50	66.70	66.70
DISCCART	732546.38	4052431.50	66.58	66.58
DISCCART	732546.38	4052456.50	66.46	66.46
DISCCART	732546.38	4052481.50	66.37	66.37
DISCCART	732546.38	4052506.50	66.29	66.29
DISCCART	732546.38	4052531.50	66.17	66.17
DISCCART	732546.38	4052556.50	66.11	66.11
DISCCART	732546.38	4052581.50	66.04	66.04
DISCCART	732546.38	4052606.50	65.94	65.94
DISCCART	732546.38	4052631.50	65.85	65.85
DISCCART	732546.38	4052656.50	65.75	65.75
DISCCART	732546.38	4052681.50	65.68	65.68
DISCCART	732546.38	4052706.50	65.61	65.61
DISCCART	732546.38	4052731.50	65.52	65.52
DISCCART	732546.38	4052756.50	65.44	65.44
DISCCART	732546.38	4052781.50	65.34	65.34
DISCCART	732546.38	4052806.50	65.25	65.25
DISCCART	732546.38	4052831.50	65.17	65.17
DISCCART	732546.38	4052856.50	65.09	65.09
DISCCART	732546.38	4052881.50	65.03	65.03
DISCCART	732546.38	4052906.50	64.94	64.94
DISCCART	732546.38	4052931.50	64.84	64.84
DISCCART	732546.38	4052956.50	64.74	64.74
DISCCART	732546.38	4052981.50	64.66	64.66
DISCCART	732546.38	4053006.50	64.61	64.61
DISCCART	732546.38	4053031.50	64.54	64.54
DISCCART	732546.38	4053056.50	64.44	64.44
DISCCART	732546.38	4053081.50	64.38	64.38
DISCCART	732546.38	4053106.50	64.31	64.31
DISCCART	732546.38	4053131.50	64.24	64.24
DISCCART	732546.38	4053156.50	64.15	64.15
DISCCART	732546.38	4053181.50	64.08	64.08
DISCCART	732546.38	4053206.50	64.01	64.01
DISCCART	732546.38	4053231.50	63.94	63.94
DISCCART	732546.38	4053981.50	62.54	62.54
DISCCART	732546.38	4054006.50	62.54	62.54
DISCCART	732546.38	4054031.50	62.54	62.54
DISCCART	732546.38	4054056.50	62.50	62.50
DISCCART	732546.38	4054081.50	62.44	62.44
DISCCART	732546.38	4055231.50	61.84	61.84
DISCCART	732546.38	4055256.50	61.84	61.84
DISCCART	732546.38	4055281.50	61.84	61.84
DISCCART	732546.38	4055306.50	61.84	61.84
DISCCART	732546.38	4055331.50	61.85	61.85
DISCCART	732571.38	4052331.50	66.94	66.94
DISCCART	732571.38	4052356.50	66.85	66.85
DISCCART	732571.38	4052381.50	66.73	66.73
DISCCART	732571.38	4052406.50	66.62	66.62
DISCCART	732571.38	4052431.50	66.50	66.50
DISCCART	732571.38	4052456.50	66.40	66.40
DISCCART	732571.38	4052481.50	66.34	66.34
DISCCART	732571.38	4052506.50	66.24	66.24
DISCCART	732571.38	4052531.50	66.14	66.14
DISCCART	732571.38	4052556.50	66.04	66.04
DISCCART	732571.38	4052581.50	65.95	65.95
DISCCART	732571.38	4052606.50	65.88	65.88
DISCCART	732571.38	4052631.50	65.80	65.80
DISCCART	732571.38	4052656.50	65.73	65.73
DISCCART	732571.38	4052681.50	65.64	65.64
DISCCART	732571.38	4052706.50	65.55	65.55
DISCCART	732571.38	4052731.50	65.46	65.46
DISCCART	732571.38	4052756.50	65.38	65.38
DISCCART	732571.38	4052781.50	65.30	65.30
DISCCART	732571.38	4052806.50	65.22	65.22
DISCCART	732571.38	4052831.50	65.14	65.14
DISCCART	732571.38	4052856.50	65.05	65.05
DISCCART	732571.38	4052881.50	64.94	64.94
DISCCART	732571.38	4052906.50	64.85	64.85
DISCCART	732571.38	4052931.50	64.76	64.76
DISCCART	732571.38	4052956.50	64.73	64.73
DISCCART	732571.38	4052981.50	64.64	64.64
DISCCART	732571.38	4053006.50	64.54	64.54
DISCCART	732571.38	4053031.50	64.45	64.45
DISCCART	732571.38	4053056.50	64.42	64.42
DISCCART	732571.38	4053081.50	64.34	64.34
DISCCART	732571.38	4053106.50	64.25	64.25
DISCCART	732571.38	4053131.50	64.16	64.16
DISCCART	732571.38	4053156.50	64.12	64.12
DISCCART	732571.38	4053181.50	64.04	64.04
DISCCART	732571.38	4053206.50	63.95	63.95
DISCCART	732571.38	4053231.50	63.90	63.90
DISCCART	732571.38	4054006.50	62.54	62.54
DISCCART	732571.38	4054031.50	62.50	62.50
DISCCART	732571.38	4054056.50	62.44	62.44
DISCCART	732571.38	4054081.50	62.44	62.44
DISCCART	732571.38	4055231.50	61.84	61.84
DISCCART	732571.38	4055256.50	61.84	61.84
DISCCART	732571.38	4055281.50	61.84	61.84
DISCCART	732571.38	4055306.50	61.84	61.84
DISCCART	732571.38	4055331.50	61.84	61.84
DISCCART	732596.38	4052331.50	66.88	66.88
DISCCART	732596.38	4052356.50	66.76	66.76
DISCCART	732596.38	4052381.50	66.67	66.67
DISCCART	732596.38	4052406.50	66.56	66.56
DISCCART	732596.38	4052431.50	66.44	66.44
DISCCART	732596.38	4052456.50	66.35	66.35
DISCCART	732596.38	4052481.50	66.24	66.24
DISCCART	732596.38	4052506.50	66.16	66.16
DISCCART	732596.38	4052531.50	66.07	66.07
DISCCART	732596.38	4052556.50	66.00	66.00
DISCCART	732596.38	4052581.50	65.93	65.93
DISCCART	732596.38	4052606.50	65.84	65.84

DISCCART	732596.38	4052631.50	65.75	65.75
DISCCART	732596.38	4052656.50	65.65	65.65
DISCCART	732596.38	4052681.50	65.58	65.58
DISCCART	732596.38	4052706.50	65.50	65.50
DISCCART	732596.38	4052731.50	65.42	65.42
DISCCART	732596.38	4052756.50	65.34	65.34
DISCCART	732596.38	4052781.50	65.24	65.24
DISCCART	732596.38	4052806.50	65.15	65.15
DISCCART	732596.38	4052831.50	65.06	65.06
DISCCART	732596.38	4052856.50	64.99	64.99
DISCCART	732596.38	4052881.50	64.92	64.92
DISCCART	732596.38	4052906.50	64.84	64.84
DISCCART	732596.38	4052931.50	64.74	64.74
DISCCART	732596.38	4052956.50	64.64	64.64
DISCCART	732596.38	4052981.50	64.58	64.58
DISCCART	732596.38	4053006.50	64.53	64.53
DISCCART	732596.38	4053031.50	64.43	64.43
DISCCART	732596.38	4053056.50	64.34	64.34
DISCCART	732596.38	4053081.50	64.28	64.28
DISCCART	732596.38	4053106.50	64.20	64.20
DISCCART	732596.38	4053131.50	64.13	64.13
DISCCART	732596.38	4053156.50	64.04	64.04
DISCCART	732596.38	4053181.50	63.96	63.96
DISCCART	732596.38	4053206.50	63.91	63.91
DISCCART	732596.38	4053231.50	63.84	63.84
DISCCART	732596.38	4054006.50	62.54	62.54
DISCCART	732596.38	4054031.50	62.45	62.45
DISCCART	732596.38	4054056.50	62.44	62.44
DISCCART	732596.38	4054081.50	62.44	62.44
DISCCART	732596.38	4055231.50	61.74	61.74
DISCCART	732596.38	4055256.50	61.74	61.74
DISCCART	732596.38	4055281.50	61.74	61.74
DISCCART	732596.38	4055306.50	61.75	61.75
DISCCART	732596.38	4055331.50	61.76	61.76
DISCCART	732621.38	4052331.50	66.80	66.80
DISCCART	732621.38	4052356.50	66.71	66.71
DISCCART	732621.38	4052381.50	66.60	66.60
DISCCART	732621.38	4052406.50	66.50	66.50
DISCCART	732621.38	4052431.50	66.37	66.37
DISCCART	732621.38	4052456.50	66.27	66.27
DISCCART	732621.38	4052481.50	66.20	66.20
DISCCART	732621.38	4052506.50	66.13	66.13
DISCCART	732621.38	4052531.50	66.04	66.04
DISCCART	732621.38	4052556.50	65.94	65.94
DISCCART	732621.38	4052581.50	65.86	65.86
DISCCART	732621.38	4052606.50	65.77	65.77
DISCCART	732621.38	4052631.50	65.70	65.70
DISCCART	732621.38	4052656.50	65.63	65.63
DISCCART	732621.38	4052681.50	65.54	65.54
DISCCART	732621.38	4052706.50	65.45	65.45
DISCCART	732621.38	4052731.50	65.36	65.36
DISCCART	732621.38	4052756.50	65.28	65.28
DISCCART	732621.38	4052781.50	65.20	65.20
DISCCART	732621.38	4052806.50	65.12	65.12
DISCCART	732621.38	4052831.50	65.04	65.04
DISCCART	732621.38	4052856.50	64.95	64.95
DISCCART	732621.38	4052881.50	64.85	64.85
DISCCART	732621.38	4052906.50	64.77	64.77
DISCCART	732621.38	4052931.50	64.70	64.70
DISCCART	732621.38	4052956.50	64.63	64.63
DISCCART	732621.38	4052981.50	64.54	64.54
DISCCART	732621.38	4053006.50	64.44	64.44
DISCCART	732621.38	4053031.50	64.36	64.36
DISCCART	732621.38	4053056.50	64.31	64.31
DISCCART	732621.38	4053081.50	64.24	64.24
DISCCART	732621.38	4053106.50	64.15	64.15
DISCCART	732621.38	4053131.50	64.05	64.05
DISCCART	732621.38	4053156.50	64.00	64.00
DISCCART	732621.38	4053181.50	63.94	63.94
DISCCART	732621.38	4053206.50	63.85	63.85
DISCCART	732621.38	4053231.50	63.76	63.76
DISCCART	732621.38	4054006.50	62.44	62.44
DISCCART	732621.38	4054031.50	62.44	62.44
DISCCART	732621.38	4054056.50	62.43	62.43
DISCCART	732621.38	4054081.50	62.36	62.36
DISCCART	732621.38	4055231.50	61.74	61.74
DISCCART	732621.38	4055256.50	61.74	61.74
DISCCART	732621.38	4055281.50	61.74	61.74
DISCCART	732621.38	4055306.50	61.74	61.74
DISCCART	732621.38	4055331.50	61.74	61.74
DISCCART	732646.38	4052331.50	66.74	66.74
DISCCART	732646.38	4052356.50	66.64	66.64
DISCCART	732646.38	4052381.50	66.54	66.54
DISCCART	732646.38	4052406.50	66.44	66.44
DISCCART	732646.38	4052431.50	66.34	66.34
DISCCART	732646.38	4052456.50	66.24	66.24
DISCCART	732646.38	4052481.50	66.15	66.15
DISCCART	732646.38	4052506.50	66.05	66.05
DISCCART	732646.38	4052531.50	65.97	65.97
DISCCART	732646.38	4052556.50	65.90	65.90
DISCCART	732646.38	4052581.50	65.82	65.82
DISCCART	732646.38	4052606.50	65.74	65.74
DISCCART	732646.38	4052631.50	65.64	65.64
DISCCART	732646.38	4052656.50	65.55	65.55
DISCCART	732646.38	4052681.50	65.48	65.48
DISCCART	732646.38	4052706.50	65.40	65.40
DISCCART	732646.38	4052731.50	65.33	65.33
DISCCART	732646.38	4052756.50	65.24	65.24
DISCCART	732646.38	4052781.50	65.14	65.14
DISCCART	732646.38	4052806.50	65.05	65.05
DISCCART	732646.38	4052831.50	64.96	64.96
DISCCART	732646.38	4052856.50	64.90	64.90
DISCCART	732646.38	4052881.50	64.82	64.82
DISCCART	732646.38	4052906.50	64.74	64.74
DISCCART	732646.38	4052931.50	64.64	64.64
DISCCART	732646.38	4052956.50	64.54	64.54
DISCCART	732646.38	4052981.50	64.48	64.48
DISCCART	732646.38	4053006.50	64.42	64.42
DISCCART	732646.38	4053031.50	64.33	64.33
DISCCART	732646.38	4053056.50	64.24	64.24
DISCCART	732646.38	4053081.50	64.17	64.17
DISCCART	732646.38	4053106.50	64.10	64.10
DISCCART	732646.38	4053131.50	64.04	64.04
DISCCART	732646.38	4053156.50	63.94	63.94
DISCCART	732646.38	4053181.50	63.86	63.86

DISCCART	732646.38	4053206.50	63.80	63.80
DISCCART	732646.38	4053231.50	63.74	63.74
DISCCART	732646.38	4054006.50	62.44	62.44
DISCCART	732646.38	4054031.50	62.43	62.43
DISCCART	732646.38	4054056.50	62.34	62.34
DISCCART	732646.38	4054081.50	62.34	62.34
DISCCART	732646.38	4055231.50	61.68	61.68
DISCCART	732646.38	4055256.50	61.68	61.68
DISCCART	732646.38	4055281.50	61.72	61.72
DISCCART	732646.38	4055306.50	61.72	61.72
DISCCART	732646.38	4055331.50	61.72	61.72
DISCCART	732671.38	4052331.50	66.66	66.66
DISCCART	732671.38	4052356.50	66.58	66.58
DISCCART	732671.38	4052381.50	66.45	66.45
DISCCART	732671.38	4052406.50	66.38	66.38
DISCCART	732671.38	4052431.50	66.26	66.26
DISCCART	732671.38	4052456.50	66.17	66.17
DISCCART	732671.38	4052481.50	66.10	66.10
DISCCART	732671.38	4052506.50	66.03	66.03
DISCCART	732671.38	4052531.50	65.94	65.94
DISCCART	732671.38	4052556.50	65.84	65.84
DISCCART	732671.38	4052581.50	65.76	65.76
DISCCART	732671.38	4052606.50	65.67	65.67
DISCCART	732671.38	4052631.50	65.59	65.59
DISCCART	732671.38	4052656.50	65.51	65.51
DISCCART	732671.38	4052681.50	65.43	65.43
DISCCART	732671.38	4052706.50	65.34	65.34
DISCCART	732671.38	4052731.50	65.25	65.25
DISCCART	732671.38	4052756.50	65.18	65.18
DISCCART	732671.38	4052781.50	65.10	65.10
DISCCART	732671.38	4052806.50	65.02	65.02
DISCCART	732671.38	4052831.50	64.94	64.94
DISCCART	732671.38	4052856.50	64.84	64.84
DISCCART	732671.38	4052881.50	64.76	64.76
DISCCART	732671.38	4052906.50	64.67	64.67
DISCCART	732671.38	4052931.50	64.60	64.60
DISCCART	732671.38	4052956.50	64.53	64.53
DISCCART	732671.38	4052981.50	64.44	64.44
DISCCART	732671.38	4053006.50	64.35	64.35
DISCCART	732671.38	4053031.50	64.25	64.25
DISCCART	732671.38	4053056.50	64.20	64.20
DISCCART	732671.38	4053081.50	64.14	64.14
DISCCART	732671.38	4053106.50	64.05	64.05
DISCCART	732671.38	4053131.50	63.95	63.95
DISCCART	732671.38	4053156.50	63.90	63.90
DISCCART	732671.38	4053181.50	63.84	63.84
DISCCART	732671.38	4053206.50	63.74	63.74
DISCCART	732671.38	4053231.50	63.65	63.65
DISCCART	732671.38	4054006.50	62.43	62.43
DISCCART	732671.38	4054031.50	62.34	62.34
DISCCART	732671.38	4054056.50	62.34	62.34
DISCCART	732671.38	4054081.50	62.34	62.34
DISCCART	732671.38	4055231.50	61.64	61.64
DISCCART	732671.38	4055256.50	61.64	61.64
DISCCART	732671.38	4055281.50	61.64	61.64
DISCCART	732671.38	4055306.50	61.64	61.64
DISCCART	732671.38	4055331.50	61.64	61.64
DISCCART	732696.38	4052331.50	66.58	66.58
DISCCART	732696.38	4052356.50	66.50	66.50
DISCCART	732696.38	4052381.50	66.37	66.37
DISCCART	732696.38	4052406.50	66.31	66.31
DISCCART	732696.38	4052431.50	66.23	66.23
DISCCART	732696.38	4052456.50	66.14	66.14
DISCCART	732696.38	4052481.50	66.04	66.04
DISCCART	732696.38	4052506.50	65.94	65.94
DISCCART	732696.38	4052531.50	65.87	65.87
DISCCART	732696.38	4052556.50	65.75	65.75
DISCCART	732696.38	4052581.50	65.69	65.69
DISCCART	732696.38	4052606.50	65.62	65.62
DISCCART	732696.38	4052631.50	65.53	65.53
DISCCART	732696.38	4052656.50	65.44	65.44
DISCCART	732696.38	4052681.50	65.34	65.34
DISCCART	732696.38	4052706.50	65.30	65.30
DISCCART	732696.38	4052731.50	65.23	65.23
DISCCART	732696.38	4052756.50	65.14	65.14
DISCCART	732696.38	4052781.50	65.04	65.04
DISCCART	732696.38	4052806.50	64.95	64.95
DISCCART	732696.38	4052831.50	64.86	64.86
DISCCART	732696.38	4052856.50	64.80	64.80
DISCCART	732696.38	4052881.50	64.72	64.72
DISCCART	732696.38	4052906.50	64.64	64.64
DISCCART	732696.38	4052931.50	64.54	64.54
DISCCART	732696.38	4052956.50	64.45	64.45
DISCCART	732696.38	4052981.50	64.38	64.38
DISCCART	732696.38	4053006.50	64.30	64.30
DISCCART	732696.38	4053031.50	64.23	64.23
DISCCART	732696.38	4053056.50	64.14	64.14
DISCCART	732696.38	4053081.50	64.06	64.06
DISCCART	732696.38	4053106.50	63.99	63.99
DISCCART	732696.38	4053131.50	63.93	63.93
DISCCART	732696.38	4053156.50	63.84	63.84
DISCCART	732696.38	4053181.50	63.75	63.75
DISCCART	732696.38	4053206.50	63.70	63.70
DISCCART	732696.38	4053231.50	63.64	63.64
DISCCART	732696.38	4054006.50	62.34	62.34
DISCCART	732696.38	4054031.50	62.34	62.34
DISCCART	732696.38	4054056.50	62.34	62.34
DISCCART	732696.38	4054081.50	62.25	62.25
DISCCART	732696.38	4055231.50	61.64	61.64
DISCCART	732696.38	4055256.50	61.64	61.64
DISCCART	732696.38	4055281.50	61.64	61.64
DISCCART	732696.38	4055306.50	61.64	61.64
DISCCART	732696.38	4055331.50	61.64	61.64
DISCCART	732721.38	4052331.50	66.54	66.54
DISCCART	732721.38	4052356.50	66.42	66.42
DISCCART	732721.38	4052381.50	66.34	66.34
DISCCART	732721.38	4052406.50	66.24	66.24
DISCCART	732721.38	4052431.50	66.15	66.15
DISCCART	732721.38	4052456.50	66.04	66.04
DISCCART	732721.38	4052481.50	65.98	65.98
DISCCART	732721.38	4052506.50	65.92	65.92
DISCCART	732721.38	4052531.50	65.80	65.80
DISCCART	732721.38	4052556.50	65.73	65.73
DISCCART	732721.38	4052581.50	65.64	65.64
DISCCART	732721.38	4052606.50	65.55	65.55

DISCCART	732721.38	4052631.50	65.46	65.46
DISCCART	732721.38	4052656.50	65.37	65.37
DISCCART	732721.38	4052681.50	65.34	65.34
DISCCART	732721.38	4052706.50	65.24	65.24
DISCCART	732721.38	4052731.50	65.14	65.14
DISCCART	732721.38	4052756.50	65.05	65.05
DISCCART	732721.38	4052781.50	64.96	64.96
DISCCART	732721.38	4052806.50	64.93	64.93
DISCCART	732721.38	4052831.50	64.84	64.84
DISCCART	732721.38	4052856.50	64.74	64.74
DISCCART	732721.38	4052881.50	64.64	64.64
DISCCART	732721.38	4052906.50	64.55	64.55
DISCCART	732721.38	4052931.50	64.50	64.50
DISCCART	732721.38	4052956.50	64.43	64.43
DISCCART	732721.38	4052981.50	64.34	64.34
DISCCART	732721.38	4053006.50	64.25	64.25
DISCCART	732721.38	4053031.50	64.15	64.15
DISCCART	732721.38	4053056.50	64.08	64.08
DISCCART	732721.38	4053081.50	64.04	64.04
DISCCART	732721.38	4053106.50	63.94	63.94
DISCCART	732721.38	4053131.50	63.85	63.85
DISCCART	732721.38	4053156.50	63.77	63.77
DISCCART	732721.38	4053181.50	63.74	63.74
DISCCART	732721.38	4053206.50	63.64	63.64
DISCCART	732721.38	4053231.50	63.56	63.56
DISCCART	732721.38	4054006.50	62.34	62.34
DISCCART	732721.38	4054031.50	62.31	62.31
DISCCART	732721.38	4054056.50	62.24	62.24
DISCCART	732721.38	4054081.50	62.24	62.24
DISCCART	732721.38	4055231.50	61.54	61.54
DISCCART	732721.38	4055256.50	61.58	61.58
DISCCART	732721.38	4055281.50	61.59	61.59
DISCCART	732721.38	4055306.50	61.58	61.58
DISCCART	732721.38	4055331.50	61.58	61.58
DISCCART	732746.38	4052331.50	66.44	66.44
DISCCART	732746.38	4052356.50	66.35	66.35
DISCCART	732746.38	4052381.50	66.26	66.26
DISCCART	732746.38	4052406.50	66.15	66.15
DISCCART	732746.38	4052431.50	66.08	66.08
DISCCART	732746.38	4052456.50	66.01	66.01
DISCCART	732746.38	4052481.50	65.92	65.92
DISCCART	732746.38	4052506.50	65.84	65.84
DISCCART	732746.38	4052531.50	65.74	65.74
DISCCART	732746.38	4052556.50	65.66	65.66
DISCCART	732746.38	4052581.50	65.58	65.58
DISCCART	732746.38	4052606.50	65.50	65.50
DISCCART	732746.38	4052631.50	65.43	65.43
DISCCART	732746.38	4052656.50	65.34	65.34
DISCCART	732746.38	4052681.50	65.24	65.24
DISCCART	732746.38	4052706.50	65.15	65.15
DISCCART	732746.38	4052731.50	65.07	65.07
DISCCART	732746.38	4052756.50	65.04	65.04
DISCCART	732746.38	4052781.50	64.94	64.94
DISCCART	732746.38	4052806.50	64.84	64.84
DISCCART	732746.38	4052831.50	64.77	64.77
DISCCART	732746.38	4052856.50	64.65	64.65
DISCCART	732746.38	4052881.50	64.59	64.59
DISCCART	732746.38	4052906.50	64.54	64.54
DISCCART	732746.38	4052931.50	64.44	64.44
DISCCART	732746.38	4052956.50	64.35	64.35
DISCCART	732746.38	4052981.50	64.27	64.27
DISCCART	732746.38	4053006.50	64.20	64.20
DISCCART	732746.38	4053031.50	64.13	64.13
DISCCART	732746.38	4053056.50	64.04	64.04
DISCCART	732746.38	4053081.50	63.94	63.94
DISCCART	732746.38	4053106.50	63.86	63.86
DISCCART	732746.38	4053131.50	63.83	63.83
DISCCART	732746.38	4053156.50	63.74	63.74
DISCCART	732746.38	4053181.50	63.65	63.65
DISCCART	732746.38	4053206.50	63.60	63.60
DISCCART	732746.38	4053231.50	63.52	63.52
DISCCART	732746.38	4054006.50	62.32	62.32
DISCCART	732746.38	4054031.50	62.25	62.25
DISCCART	732746.38	4054056.50	62.24	62.24
DISCCART	732746.38	4054081.50	62.24	62.24
DISCCART	732746.38	4055231.50	61.54	61.54
DISCCART	732746.38	4055256.50	61.54	61.54
DISCCART	732746.38	4055281.50	61.54	61.54
DISCCART	732746.38	4055306.50	61.54	61.54
DISCCART	732746.38	4055331.50	61.54	61.54
DISCCART	732771.38	4052331.50	66.40	66.40
DISCCART	732771.38	4052356.50	66.31	66.31
DISCCART	732771.38	4052381.50	66.20	66.20
DISCCART	732771.38	4052406.50	66.13	66.13
DISCCART	732771.38	4052431.50	66.04	66.04
DISCCART	732771.38	4052456.50	65.94	65.94
DISCCART	732771.38	4052481.50	65.86	65.86
DISCCART	732771.38	4052506.50	65.78	65.78
DISCCART	732771.38	4052531.50	65.70	65.70
DISCCART	732771.38	4052556.50	65.61	65.61
DISCCART	732771.38	4052581.50	65.53	65.53
DISCCART	732771.38	4052606.50	65.44	65.44
DISCCART	732771.38	4052631.50	65.35	65.35
DISCCART	732771.38	4052656.50	65.27	65.27
DISCCART	732771.38	4052681.50	65.20	65.20
DISCCART	732771.38	4052706.50	65.12	65.12
DISCCART	732771.38	4052731.50	65.04	65.04
DISCCART	732771.38	4052756.50	64.94	64.94
DISCCART	732771.38	4052781.50	64.87	64.87
DISCCART	732771.38	4052806.50	64.82	64.82
DISCCART	732771.38	4052831.50	64.70	64.70
DISCCART	732771.38	4052856.50	64.63	64.63
DISCCART	732771.38	4052881.50	64.54	64.54
DISCCART	732771.38	4052906.50	64.45	64.45
DISCCART	732771.38	4052931.50	64.36	64.36
DISCCART	732771.38	4052956.50	64.31	64.31
DISCCART	732771.38	4052981.50	64.24	64.24
DISCCART	732771.38	4053006.50	64.14	64.14
DISCCART	732771.38	4053031.50	64.05	64.05
DISCCART	732771.38	4053056.50	63.98	63.98
DISCCART	732771.38	4053081.50	63.90	63.90
DISCCART	732771.38	4053106.50	63.84	63.84
DISCCART	732771.38	4053131.50	63.74	63.74
DISCCART	732771.38	4053156.50	63.68	63.68
DISCCART	732771.38	4053181.50	63.60	63.60

DISCCART	732771.38	4053206.50	63.54	63.54
DISCCART	732771.38	4053231.50	63.46	63.46
DISCCART	732771.38	4054006.50	62.24	62.24
DISCCART	732771.38	4054031.50	62.24	62.24
DISCCART	732771.38	4054056.50	62.22	62.22
DISCCART	732771.38	4054081.50	62.14	62.14
DISCCART	732771.38	4055231.50	61.54	61.54
DISCCART	732771.38	4055256.50	61.54	61.54
DISCCART	732771.38	4055281.50	61.54	61.54
DISCCART	732771.38	4055306.50	61.54	61.54
DISCCART	732771.38	4055331.50	61.54	61.54
DISCCART	732796.38	4052331.50	66.34	66.34
DISCCART	732796.38	4052356.50	66.24	66.24
DISCCART	732796.38	4052381.50	66.15	66.15
DISCCART	732796.38	4052406.50	66.04	66.04
DISCCART	732796.38	4052431.50	65.97	65.97
DISCCART	732796.38	4052456.50	65.85	65.85
DISCCART	732796.38	4052481.50	65.79	65.79
DISCCART	732796.38	4052506.50	65.72	65.72
DISCCART	732796.38	4052531.50	65.62	65.62
DISCCART	732796.38	4052556.50	65.54	65.54
DISCCART	732796.38	4052581.50	65.44	65.44
DISCCART	732796.38	4052606.50	65.36	65.36
DISCCART	732796.38	4052631.50	65.27	65.27
DISCCART	732796.38	4052656.50	65.24	65.24
DISCCART	732796.38	4052681.50	65.14	65.14
DISCCART	732796.38	4052706.50	65.05	65.05
DISCCART	732796.38	4052731.50	64.97	64.97
DISCCART	732796.38	4052756.50	64.93	64.93
DISCCART	732796.38	4052781.50	64.84	64.84
DISCCART	732796.38	4052806.50	64.74	64.74
DISCCART	732796.38	4052831.50	64.64	64.64
DISCCART	732796.38	4052856.50	64.55	64.55
DISCCART	732796.38	4052881.50	64.48	64.48
DISCCART	732796.38	4052906.50	64.40	64.40
DISCCART	732796.38	4052931.50	64.32	64.32
DISCCART	732796.38	4052956.50	64.24	64.24
DISCCART	732796.38	4052981.50	64.14	64.14
DISCCART	732796.38	4053006.50	64.06	64.06
DISCCART	732796.38	4053031.50	63.97	63.97
DISCCART	732796.38	4053056.50	63.94	63.94
DISCCART	732796.38	4053081.50	63.84	63.84
DISCCART	732796.38	4053106.50	63.75	63.75
DISCCART	732796.38	4053131.50	63.68	63.68
DISCCART	732796.38	4053156.50	63.64	63.64
DISCCART	732796.38	4053181.50	63.55	63.55
DISCCART	732796.38	4053206.50	63.45	63.45
DISCCART	732796.38	4053231.50	63.42	63.42
DISCCART	732796.38	4054006.50	62.24	62.24
DISCCART	732796.38	4054031.50	62.22	62.22
DISCCART	732796.38	4054056.50	62.14	62.14
DISCCART	732796.38	4054081.50	62.14	62.14
DISCCART	732796.38	4055231.50	61.46	61.46
DISCCART	732796.38	4055256.50	61.46	61.46
DISCCART	732796.38	4055281.50	61.46	61.46
DISCCART	732796.38	4055306.50	61.46	61.46
DISCCART	732796.38	4055331.50	61.46	61.46
DISCCART	732821.38	4052331.50	66.25	66.25
DISCCART	732821.38	4052356.50	66.17	66.17
DISCCART	732821.38	4052381.50	66.08	66.08
DISCCART	732821.38	4052406.50	65.97	65.97
DISCCART	732821.38	4052431.50	65.90	65.90
DISCCART	732821.38	4052456.50	65.83	65.83
DISCCART	732821.38	4052481.50	65.73	65.73
DISCCART	732821.38	4052506.50	65.65	65.65
DISCCART	732821.38	4052531.50	65.56	65.56
DISCCART	732821.38	4052556.50	65.48	65.48
DISCCART	732821.38	4052581.50	65.40	65.40
DISCCART	732821.38	4052606.50	65.32	65.32
DISCCART	732821.38	4052631.50	65.25	65.25
DISCCART	732821.38	4052656.50	65.14	65.14
DISCCART	732821.38	4052681.50	65.05	65.05
DISCCART	732821.38	4052706.50	65.03	65.03
DISCCART	732821.38	4052731.50	64.94	64.94
DISCCART	732821.38	4052756.50	64.84	64.84
DISCCART	732821.38	4052781.50	64.76	64.76
DISCCART	732821.38	4052806.50	64.68	64.68
DISCCART	732821.38	4052831.50	64.60	64.60
DISCCART	732821.38	4052856.50	64.52	64.52
DISCCART	732821.38	4052881.50	64.44	64.44
DISCCART	732821.38	4052906.50	64.35	64.35
DISCCART	732821.38	4052931.50	64.25	64.25
DISCCART	732821.38	4052956.50	64.17	64.17
DISCCART	732821.38	4052981.50	64.10	64.10
DISCCART	732821.38	4053006.50	64.02	64.02
DISCCART	732821.38	4053031.50	63.94	63.94
DISCCART	732821.38	4053056.50	63.84	63.84
DISCCART	732821.38	4053081.50	63.77	63.77
DISCCART	732821.38	4054006.50	62.22	62.22
DISCCART	732821.38	4054031.50	62.14	62.14
DISCCART	732821.38	4054056.50	62.14	62.14
DISCCART	732821.38	4054081.50	62.14	62.14
DISCCART	732821.38	4055256.50	61.44	61.44
DISCCART	732821.38	4055281.50	61.44	61.44
DISCCART	732821.38	4055306.50	61.44	61.44
DISCCART	732821.38	4055331.50	61.44	61.44
DISCCART	732846.38	4052331.50	66.23	66.23
DISCCART	732846.38	4052356.50	66.13	66.13
DISCCART	732846.38	4052381.50	66.03	66.03
DISCCART	732846.38	4052406.50	65.94	65.94
DISCCART	732846.38	4052431.50	65.84	65.84
DISCCART	732846.38	4052456.50	65.75	65.75
DISCCART	732846.38	4052481.50	65.67	65.67
DISCCART	732846.38	4052506.50	65.56	65.56
DISCCART	732846.38	4052531.50	65.48	65.48
DISCCART	732846.38	4052556.50	65.41	65.41
DISCCART	732846.38	4052581.50	65.34	65.34
DISCCART	732846.38	4052606.50	65.24	65.24
DISCCART	732846.38	4052631.50	65.16	65.16
DISCCART	732846.38	4052656.50	65.10	65.10
DISCCART	732846.38	4052681.50	65.03	65.03
DISCCART	732846.38	4052706.50	64.94	64.94
DISCCART	732846.38	4052731.50	64.84	64.84
DISCCART	732846.38	4052756.50	64.75	64.75
DISCCART	732846.38	4052781.50	64.72	64.72

DISCCART	732846.38	4052806.50	64.62	64.62
DISCCART	732846.38	4052831.50	64.53	64.53
DISCCART	732846.38	4052856.50	64.44	64.44
DISCCART	732846.38	4052881.50	64.35	64.35
DISCCART	732846.38	4054006.50	62.14	62.14
DISCCART	732846.38	4054031.50	62.14	62.14
DISCCART	732846.38	4054056.50	62.12	62.12
DISCCART	732846.38	4054081.50	62.04	62.04
DISCCART	732846.38	4055256.50	61.44	61.44
DISCCART	732846.38	4055281.50	61.44	61.44
DISCCART	732846.38	4055306.50	61.44	61.44
DISCCART	732846.38	4055331.50	61.44	61.44
DISCCART	732871.38	4052331.50	66.14	66.14
DISCCART	732871.38	4052356.50	66.04	66.04
DISCCART	732871.38	4052381.50	65.96	65.96
DISCCART	732871.38	4052406.50	65.84	65.84
DISCCART	732871.38	4052431.50	65.76	65.76
DISCCART	732871.38	4052456.50	65.68	65.68
DISCCART	732871.38	4052481.50	65.60	65.60
DISCCART	732871.38	4052506.50	65.52	65.52
DISCCART	732871.38	4052531.50	65.44	65.44
DISCCART	732871.38	4052556.50	65.35	65.35
DISCCART	732871.38	4052581.50	65.25	65.25
DISCCART	732871.38	4052606.50	65.17	65.17
DISCCART	732871.38	4052631.50	65.10	65.10
DISCCART	732871.38	4052656.50	65.04	65.04
DISCCART	732871.38	4052681.50	64.94	64.94
DISCCART	732871.38	4052706.50	64.88	64.88
DISCCART	732871.38	4052731.50	64.80	64.80
DISCCART	732871.38	4052756.50	64.73	64.73
DISCCART	732871.38	4052781.50	64.64	64.64
DISCCART	732871.38	4052806.50	64.55	64.55
DISCCART	732871.38	4052831.50	64.46	64.46
DISCCART	732871.38	4052856.50	64.38	64.38
DISCCART	732871.38	4052881.50	64.30	64.30
DISCCART	732871.38	4054006.50	62.14	62.14
DISCCART	732871.38	4054031.50	62.10	62.10
DISCCART	732871.38	4054056.50	62.04	62.04
DISCCART	732871.38	4054081.50	62.04	62.04
DISCCART	732871.38	4055256.50	61.34	61.34
DISCCART	732871.38	4055281.50	61.34	61.34
DISCCART	732871.38	4055306.50	61.34	61.34
DISCCART	732871.38	4055331.50	61.34	61.34
DISCCART	732896.38	4052331.50	66.08	66.08
DISCCART	732896.38	4052356.50	66.01	66.01
DISCCART	732896.38	4052381.50	65.89	65.89
DISCCART	732896.38	4052406.50	65.81	65.81
DISCCART	732896.38	4052431.50	65.72	65.72
DISCCART	732896.38	4052456.50	65.61	65.61
DISCCART	732896.38	4052481.50	65.52	65.52
DISCCART	732896.38	4052506.50	65.44	65.44
DISCCART	732896.38	4052531.50	65.34	65.34
DISCCART	732896.38	4052556.50	65.26	65.26
DISCCART	732896.38	4052581.50	65.17	65.17
DISCCART	732896.38	4052606.50	65.14	65.14
DISCCART	732896.38	4052631.50	65.04	65.04
DISCCART	732896.38	4052656.50	64.95	64.95
DISCCART	732896.38	4052681.50	64.87	64.87
DISCCART	732896.38	4052706.50	64.81	64.81
DISCCART	732896.38	4052731.50	64.73	64.73
DISCCART	732896.38	4052756.50	64.64	64.64
DISCCART	732896.38	4052781.50	64.55	64.55
DISCCART	732896.38	4052806.50	64.46	64.46
DISCCART	732896.38	4052831.50	64.39	64.39
DISCCART	732896.38	4052856.50	64.34	64.34
DISCCART	732896.38	4052881.50	64.24	64.24
DISCCART	732896.38	4054006.50	62.10	62.10
DISCCART	732896.38	4054031.50	62.04	62.04
DISCCART	732896.38	4054056.50	62.04	62.04
DISCCART	732896.38	4054081.50	62.02	62.02
DISCCART	732896.38	4055256.50	61.34	61.34
DISCCART	732896.38	4055281.50	61.34	61.34
DISCCART	732896.38	4055306.50	61.34	61.34
DISCCART	732896.38	4055331.50	61.34	61.34
DISCCART	732921.38	4052331.50	66.04	66.04
DISCCART	732921.38	4052356.50	65.94	65.94
DISCCART	732921.38	4052381.50	65.83	65.83
DISCCART	732921.38	4052406.50	65.73	65.73
DISCCART	732921.38	4052431.50	65.63	65.63
DISCCART	732921.38	4052456.50	65.55	65.55
DISCCART	732921.38	4052481.50	65.46	65.46
DISCCART	732921.38	4052506.50	65.38	65.38
DISCCART	732921.38	4052531.50	65.30	65.30
DISCCART	732921.38	4052556.50	65.22	65.22
DISCCART	732921.38	4052581.50	65.14	65.14
DISCCART	732921.38	4052606.50	65.04	65.04
DISCCART	732921.38	4052631.50	64.95	64.95
DISCCART	732921.38	4052656.50	64.87	64.87
DISCCART	732921.38	4052681.50	64.84	64.84
DISCCART	732921.38	4052706.50	64.74	64.74
DISCCART	732921.38	4052731.50	64.66	64.66
DISCCART	732921.38	4052756.50	64.58	64.58
DISCCART	732921.38	4052781.50	64.50	64.50
DISCCART	732921.38	4052806.50	64.42	64.42
DISCCART	732921.38	4052831.50	64.34	64.34
DISCCART	732921.38	4052856.50	64.25	64.25
DISCCART	732921.38	4052881.50	64.15	64.15
DISCCART	732921.38	4054006.50	62.04	62.04
DISCCART	732921.38	4054031.50	62.04	62.04
DISCCART	732921.38	4054056.50	62.03	62.03
DISCCART	732921.38	4054081.50	61.94	61.94
DISCCART	732921.38	4055256.50	61.34	61.34
DISCCART	732921.38	4055281.50	61.34	61.34
DISCCART	732921.38	4055306.50	61.34	61.34
DISCCART	732921.38	4055331.50	61.34	61.34
DISCCART	732946.38	4052331.50	65.94	65.94
DISCCART	732946.38	4052356.50	65.85	65.85
DISCCART	732946.38	4052381.50	65.74	65.74
DISCCART	732946.38	4052406.50	65.66	65.66
DISCCART	732946.38	4052431.50	65.57	65.57
DISCCART	732946.38	4052456.50	65.46	65.46
DISCCART	732946.38	4052481.50	65.37	65.37
DISCCART	732946.38	4052506.50	65.30	65.30
DISCCART	732946.38	4052531.50	65.23	65.23
DISCCART	732946.38	4052556.50	65.14	65.14

DISCCART	732946.38	4052581.50	65.05	65.05
DISCCART	732946.38	4052606.50	64.95	64.95
DISCCART	732946.38	4052631.50	64.88	64.88
DISCCART	732946.38	4052656.50	64.84	64.84
DISCCART	732946.38	4052681.50	64.74	64.74
DISCCART	732946.38	4052706.50	64.65	64.65
DISCCART	732946.38	4052731.50	64.58	64.58
DISCCART	732946.38	4052756.50	64.50	64.50
DISCCART	732946.38	4052781.50	64.42	64.42
DISCCART	732946.38	4052806.50	64.34	64.34
DISCCART	732946.38	4052831.50	64.25	64.25
DISCCART	732946.38	4052856.50	64.16	64.16
DISCCART	732946.38	4052881.50	64.07	64.07
DISCCART	732946.38	4054006.50	62.04	62.04
DISCCART	732946.38	4054031.50	62.02	62.02
DISCCART	732946.38	4054056.50	61.94	61.94
DISCCART	732946.38	4054081.50	61.94	61.94
DISCCART	732946.38	4055256.50	61.24	61.24
DISCCART	732946.38	4055281.50	61.24	61.24
DISCCART	732946.38	4055306.50	61.24	61.24
DISCCART	732946.38	4055331.50	61.24	61.24
DISCCART	732971.38	4052331.50	65.89	65.89
DISCCART	732971.38	4052356.50	65.77	65.77
DISCCART	732971.38	4052381.50	65.68	65.68
DISCCART	732971.38	4052406.50	65.57	65.57
DISCCART	732971.38	4052431.50	65.50	65.50
DISCCART	732971.38	4052456.50	65.40	65.40
DISCCART	732971.38	4052481.50	65.30	65.30
DISCCART	732971.38	4052506.50	65.22	65.22
DISCCART	732971.38	4052531.50	65.14	65.14
DISCCART	732971.38	4052556.50	65.04	65.04
DISCCART	732971.38	4052581.50	64.95	64.95
DISCCART	732971.38	4052606.50	64.93	64.93
DISCCART	732971.38	4052631.50	64.84	64.84
DISCCART	732971.38	4052656.50	64.74	64.74
DISCCART	732971.38	4052681.50	64.66	64.66
DISCCART	732971.38	4052706.50	64.57	64.57
DISCCART	732971.38	4052731.50	64.50	64.50
DISCCART	732971.38	4052756.50	64.44	64.44
DISCCART	732971.38	4052781.50	64.34	64.34
DISCCART	732971.38	4052806.50	64.28	64.28
DISCCART	732971.38	4052831.50	64.20	64.20
DISCCART	732971.38	4052856.50	64.12	64.12
DISCCART	732971.38	4052881.50	64.04	64.04
DISCCART	732971.38	4054006.50	61.99	61.99
DISCCART	732971.38	4054031.50	61.94	61.94
DISCCART	732971.38	4054056.50	61.94	61.94
DISCCART	732971.38	4054081.50	61.94	61.94
DISCCART	732971.38	4055256.50	61.24	61.24
DISCCART	732971.38	4055281.50	61.24	61.24
DISCCART	732971.38	4055306.50	61.24	61.24
DISCCART	732971.38	4055331.50	61.24	61.24
DISCCART	732996.38	4052331.50	65.83	65.83
DISCCART	732996.38	4052356.50	65.70	65.70
DISCCART	732996.38	4052381.50	65.63	65.63
DISCCART	732996.38	4052406.50	65.50	65.50
DISCCART	732996.38	4052431.50	65.43	65.43
DISCCART	732996.38	4052456.50	65.34	65.34
DISCCART	732996.38	4052481.50	65.25	65.25
DISCCART	732996.38	4052506.50	65.13	65.13
DISCCART	732996.38	4052531.50	65.05	65.05
DISCCART	732996.38	4052556.50	64.95	64.95
DISCCART	732996.38	4052581.50	64.87	64.87
DISCCART	732996.38	4052606.50	64.84	64.84
DISCCART	732996.38	4052631.50	64.74	64.74
DISCCART	732996.38	4052656.50	64.65	64.65
DISCCART	732996.38	4052681.50	64.58	64.58
DISCCART	732996.38	4052706.50	64.54	64.54
DISCCART	732996.38	4052731.50	64.44	64.44
DISCCART	732996.38	4052756.50	64.36	64.36
DISCCART	732996.38	4052781.50	64.27	64.27
DISCCART	732996.38	4052806.50	64.20	64.20
DISCCART	732996.38	4052831.50	64.13	64.13
DISCCART	732996.38	4052856.50	64.04	64.04
DISCCART	732996.38	4052881.50	63.94	63.94
DISCCART	732996.38	4054006.50	61.94	61.94
DISCCART	732996.38	4054031.50	61.94	61.94
DISCCART	732996.38	4054056.50	61.91	61.91
DISCCART	732996.38	4054081.50	61.84	61.84
DISCCART	732996.38	4055256.50	61.22	61.22
DISCCART	732996.38	4055281.50	61.22	61.22
DISCCART	732996.38	4055306.50	61.22	61.22
DISCCART	732996.38	4055331.50	61.22	61.22
DISCCART	733021.38	4052331.50	65.74	65.74
DISCCART	733021.38	4052356.50	65.63	65.63
DISCCART	733021.38	4052381.50	65.54	65.54
DISCCART	733021.38	4052406.50	65.45	65.45
DISCCART	733021.38	4052431.50	65.34	65.34
DISCCART	733021.38	4052456.50	65.24	65.24
DISCCART	733021.38	4052481.50	65.15	65.15
DISCCART	733021.38	4052506.50	65.07	65.07
DISCCART	733021.38	4052531.50	64.97	64.97
DISCCART	733021.38	4052556.50	64.92	64.92
DISCCART	733021.38	4052581.50	64.84	64.84
DISCCART	733021.38	4052606.50	64.74	64.74
DISCCART	733021.38	4052631.50	64.65	64.65
DISCCART	733021.38	4052656.50	64.63	64.63
DISCCART	733021.38	4052681.50	64.54	64.54
DISCCART	733021.38	4052706.50	64.45	64.45
DISCCART	733021.38	4052731.50	64.35	64.35
DISCCART	733021.38	4052756.50	64.28	64.28
DISCCART	733021.38	4052781.50	64.20	64.20
DISCCART	733021.38	4052806.50	64.12	64.12
DISCCART	733021.38	4052831.50	64.04	64.04
DISCCART	733021.38	4052856.50	63.94	63.94
DISCCART	733021.38	4052881.50	63.90	63.90
DISCCART	733021.38	4054006.50	61.94	61.94
DISCCART	733021.38	4054031.50	61.90	61.90
DISCCART	733021.38	4054056.50	61.84	61.84
DISCCART	733021.38	4054081.50	61.84	61.84
DISCCART	733021.38	4055256.50	61.14	61.14
DISCCART	733021.38	4055281.50	61.14	61.14
DISCCART	733021.38	4055306.50	61.14	61.14
DISCCART	733021.38	4055331.50	61.14	61.14
DISCCART	733046.38	4052331.50	65.64	65.64

DISCCART	733046.38	4052356.50	65.56	65.56
DISCCART	733046.38	4052381.50	65.44	65.44
DISCCART	733046.38	4052406.50	65.36	65.36
DISCCART	733046.38	4052431.50	65.26	65.26
DISCCART	733046.38	4052456.50	65.16	65.16
DISCCART	733046.38	4052481.50	65.07	65.07
DISCCART	733046.38	4052506.50	65.00	65.00
DISCCART	733046.38	4052531.50	64.93	64.93
DISCCART	733046.38	4052556.50	64.84	64.84
DISCCART	733046.38	4052581.50	64.75	64.75
DISCCART	733046.38	4052606.50	64.65	64.65
DISCCART	733046.38	4052631.50	64.63	64.63
DISCCART	733046.38	4052656.50	64.54	64.54
DISCCART	733046.38	4052681.50	64.44	64.44
DISCCART	733046.38	4052706.50	64.36	64.36
DISCCART	733046.38	4052731.50	64.27	64.27
DISCCART	733046.38	4052756.50	64.20	64.20
DISCCART	733046.38	4052781.50	64.13	64.13
DISCCART	733046.38	4052806.50	64.04	64.04
DISCCART	733046.38	4052831.50	63.96	63.96
DISCCART	733046.38	4052856.50	63.90	63.90
DISCCART	733046.38	4052881.50	63.83	63.83
DISCCART	733046.38	4054006.50	61.85	61.85
DISCCART	733046.38	4054031.50	61.84	61.84
DISCCART	733046.38	4054056.50	61.84	61.84
DISCCART	733046.38	4054081.50	61.81	61.81
DISCCART	733046.38	4055256.50	61.14	61.14
DISCCART	733046.38	4055281.50	61.14	61.14
DISCCART	733046.38	4055306.50	61.14	61.14
DISCCART	733046.38	4055331.50	61.14	61.14
DISCCART	733071.38	4052331.50	65.55	65.55
DISCCART	733071.38	4052356.50	65.47	65.47
DISCCART	733071.38	4052381.50	65.36	65.36
DISCCART	733071.38	4052406.50	65.28	65.28
DISCCART	733071.38	4052431.50	65.20	65.20
DISCCART	733071.38	4052456.50	65.11	65.11
DISCCART	733071.38	4052481.50	65.00	65.00
DISCCART	733071.38	4052506.50	64.93	64.93
DISCCART	733071.38	4052531.50	64.84	64.84
DISCCART	733071.38	4052556.50	64.74	64.74
DISCCART	733071.38	4052581.50	64.69	64.69
DISCCART	733071.38	4052606.50	64.63	64.63
DISCCART	733071.38	4052631.50	64.54	64.54
DISCCART	733071.38	4052656.50	64.45	64.45
DISCCART	733071.38	4052681.50	64.35	64.35
DISCCART	733071.38	4052706.50	64.28	64.28
DISCCART	733071.38	4052731.50	64.20	64.20
DISCCART	733071.38	4052756.50	64.14	64.14
DISCCART	733071.38	4052781.50	64.05	64.05
DISCCART	733071.38	4052806.50	63.97	63.97
DISCCART	733071.38	4052831.50	63.90	63.90
DISCCART	733071.38	4052856.50	63.83	63.83
DISCCART	733071.38	4052881.50	63.74	63.74
DISCCART	733071.38	4054006.50	61.84	61.84
DISCCART	733071.38	4054031.50	61.84	61.84
DISCCART	733071.38	4054056.50	61.77	61.77
DISCCART	733071.38	4054081.50	61.74	61.74
DISCCART	733071.38	4055256.50	61.04	61.04
DISCCART	733071.38	4055281.50	61.04	61.04
DISCCART	733071.38	4055306.50	61.06	61.06
DISCCART	733071.38	4055331.50	61.08	61.08
DISCCART	733096.38	4052331.50	65.47	65.47
DISCCART	733096.38	4052356.50	65.40	65.40
DISCCART	733096.38	4052381.50	65.33	65.33
DISCCART	733096.38	4052406.50	65.20	65.20
DISCCART	733096.38	4052431.50	65.13	65.13
DISCCART	733096.38	4052456.50	65.04	65.04
DISCCART	733096.38	4052481.50	64.94	64.94
DISCCART	733096.38	4052506.50	64.84	64.84
DISCCART	733096.38	4052531.50	64.77	64.77
DISCCART	733096.38	4052556.50	64.70	64.70
DISCCART	733096.38	4052581.50	64.62	64.62
DISCCART	733096.38	4052606.50	64.54	64.54
DISCCART	733096.38	4052631.50	64.44	64.44
DISCCART	733096.38	4052656.50	64.36	64.36
DISCCART	733096.38	4052681.50	64.33	64.33
DISCCART	733096.38	4052706.50	64.24	64.24
DISCCART	733096.38	4052731.50	64.15	64.15
DISCCART	733096.38	4052756.50	64.06	64.06
DISCCART	733096.38	4052781.50	63.97	63.97
DISCCART	733096.38	4052806.50	63.90	63.90
DISCCART	733096.38	4052831.50	63.83	63.83
DISCCART	733096.38	4052856.50	63.74	63.74
DISCCART	733096.38	4052881.50	63.65	63.65
DISCCART	733096.38	4054006.50	61.84	61.84
DISCCART	733096.38	4054031.50	61.75	61.75
DISCCART	733096.38	4054056.50	61.74	61.74
DISCCART	733096.38	4054081.50	61.74	61.74
DISCCART	733096.38	4054106.50	61.74	61.74
DISCCART	733096.38	4055256.50	61.04	61.04
DISCCART	733096.38	4055281.50	61.04	61.04
DISCCART	733096.38	4055306.50	61.04	61.04
DISCCART	733096.38	4055331.50	61.04	61.04
DISCCART	733121.38	4052331.50	65.44	65.44
DISCCART	733121.38	4052356.50	65.32	65.32
DISCCART	733121.38	4052381.50	65.24	65.24
DISCCART	733121.38	4052406.50	65.13	65.13
DISCCART	733121.38	4052431.50	65.04	65.04
DISCCART	733121.38	4052456.50	64.94	64.94
DISCCART	733121.38	4052481.50	64.86	64.86
DISCCART	733121.38	4052506.50	64.77	64.77
DISCCART	733121.38	4052531.50	64.70	64.70
DISCCART	733121.38	4052556.50	64.63	64.63
DISCCART	733121.38	4052581.50	64.54	64.54
DISCCART	733121.38	4052606.50	64.47	64.47
DISCCART	733121.38	4052631.50	64.40	64.40
DISCCART	733121.38	4052656.50	64.32	64.32
DISCCART	733121.38	4052681.50	64.24	64.24
DISCCART	733121.38	4052706.50	64.14	64.14
DISCCART	733121.38	4052731.50	64.05	64.05
DISCCART	733121.38	4052756.50	63.97	63.97
DISCCART	733121.38	4052781.50	63.90	63.90
DISCCART	733121.38	4052806.50	63.83	63.83
DISCCART	733121.38	4052831.50	63.74	63.74
DISCCART	733121.38	4052856.50	63.64	63.64

DISCCART	733121.38	4052881.50	63.60	63.60
DISCCART	733121.38	4054006.50	61.75	61.75
DISCCART	733121.38	4054031.50	61.74	61.74
DISCCART	733121.38	4054056.50	61.74	61.74
DISCCART	733121.38	4054081.50	61.70	61.70
DISCCART	733121.38	4054106.50	61.64	61.64
DISCCART	733121.38	4055256.50	60.95	60.95
DISCCART	733121.38	4055281.50	60.95	60.95
DISCCART	733121.38	4055306.50	60.95	60.95
DISCCART	733121.38	4055331.50	60.98	60.98
DISCCART	733146.38	4052331.50	65.34	65.34
DISCCART	733146.38	4052356.50	65.25	65.25
DISCCART	733146.38	4052381.50	65.14	65.14
DISCCART	733146.38	4052406.50	65.05	65.05
DISCCART	733146.38	4052431.50	64.97	64.97
DISCCART	733146.38	4052456.50	64.85	64.85
DISCCART	733146.38	4052481.50	64.78	64.78
DISCCART	733146.38	4052506.50	64.74	64.74
DISCCART	733146.38	4052531.50	64.64	64.64
DISCCART	733146.38	4052556.50	64.56	64.56
DISCCART	733146.38	4052581.50	64.48	64.48
DISCCART	733146.38	4052606.50	64.40	64.40
DISCCART	733146.38	4052631.50	64.33	64.33
DISCCART	733146.38	4052656.50	64.24	64.24
DISCCART	733146.38	4052681.50	64.14	64.14
DISCCART	733146.38	4052706.50	64.05	64.05
DISCCART	733146.38	4052731.50	63.97	63.97
DISCCART	733146.38	4052756.50	63.90	63.90
DISCCART	733146.38	4052781.50	63.83	63.83
DISCCART	733146.38	4052806.50	63.74	63.74
DISCCART	733146.38	4052831.50	63.65	63.65
DISCCART	733146.38	4052856.50	63.55	63.55
DISCCART	733146.38	4052881.50	63.52	63.52
DISCCART	733146.38	4054006.50	61.74	61.74
DISCCART	733146.38	4054031.50	61.74	61.74
DISCCART	733146.38	4054056.50	61.66	61.66
DISCCART	733146.38	4054081.50	61.64	61.64
DISCCART	733146.38	4054106.50	61.64	61.64
DISCCART	733146.38	4055256.50	60.94	60.94
DISCCART	733146.38	4055281.50	60.94	60.94
DISCCART	733146.38	4055306.50	60.94	60.94
DISCCART	733146.38	4055331.50	60.94	60.94
DISCCART	733171.38	4052331.50	65.25	65.25
DISCCART	733171.38	4052356.50	65.17	65.17
DISCCART	733171.38	4052381.50	65.07	65.07
DISCCART	733171.38	4052406.50	64.98	64.98
DISCCART	733171.38	4052431.50	64.90	64.90
DISCCART	733171.38	4052456.50	64.83	64.83
DISCCART	733171.38	4052481.50	64.74	64.74
DISCCART	733171.38	4052506.50	64.65	64.65
DISCCART	733171.38	4052531.50	64.56	64.56
DISCCART	733171.38	4052556.50	64.51	64.51
DISCCART	733171.38	4052581.50	64.44	64.44
DISCCART	733171.38	4052606.50	64.35	64.35
DISCCART	733171.38	4052631.50	64.25	64.25
DISCCART	733171.38	4052656.50	64.17	64.17
DISCCART	733171.38	4052681.50	64.10	64.10
DISCCART	733171.38	4052706.50	64.01	64.01
DISCCART	733171.38	4052731.50	63.90	63.90
DISCCART	733171.38	4052756.50	63.83	63.83
DISCCART	733171.38	4052781.50	63.74	63.74
DISCCART	733171.38	4052806.50	63.64	63.64
DISCCART	733171.38	4052831.50	63.56	63.56
DISCCART	733171.38	4052856.50	63.53	63.53
DISCCART	733171.38	4052881.50	63.44	63.44
DISCCART	733171.38	4054031.50	61.66	61.66
DISCCART	733171.38	4054056.50	61.64	61.64
DISCCART	733171.38	4054081.50	61.64	61.64
DISCCART	733171.38	4054106.50	61.62	61.62
DISCCART	733171.38	4055256.50	60.88	60.88
DISCCART	733171.38	4055281.50	60.88	60.88
DISCCART	733171.38	4055306.50	60.88	60.88
DISCCART	733171.38	4055331.50	60.88	60.88
DISCCART	733196.38	4052331.50	65.17	65.17
DISCCART	733196.38	4052356.50	65.11	65.11
DISCCART	733196.38	4052381.50	65.03	65.03
DISCCART	733196.38	4052406.50	64.91	64.91
DISCCART	733196.38	4052431.50	64.84	64.84
DISCCART	733196.38	4052456.50	64.74	64.74
DISCCART	733196.38	4052481.50	64.67	64.67
DISCCART	733196.38	4052506.50	64.60	64.60
DISCCART	733196.38	4052531.50	64.52	64.52
DISCCART	733196.38	4052556.50	64.44	64.44
DISCCART	733196.38	4052581.50	64.34	64.34
DISCCART	733196.38	4052606.50	64.26	64.26
DISCCART	733196.38	4052631.50	64.17	64.17
DISCCART	733196.38	4052656.50	64.11	64.11
DISCCART	733196.38	4052681.50	64.03	64.03
DISCCART	733196.38	4052706.50	63.94	63.94
DISCCART	733196.38	4052731.50	63.85	63.85
DISCCART	733196.38	4052756.50	63.74	63.74
DISCCART	733196.38	4052781.50	63.65	63.65
DISCCART	733196.38	4052806.50	63.55	63.55
DISCCART	733196.38	4052831.50	63.48	63.48
DISCCART	733196.38	4052856.50	63.44	63.44
DISCCART	733196.38	4052881.50	63.34	63.34
DISCCART	733196.38	4052906.50	63.30	63.30
DISCCART	733196.38	4054031.50	61.64	61.64
DISCCART	733196.38	4054056.50	61.63	61.63
DISCCART	733196.38	4054081.50	61.57	61.57
DISCCART	733196.38	4054106.50	61.54	61.54
DISCCART	733196.38	4055256.50	60.84	60.84
DISCCART	733196.38	4055281.50	60.84	60.84
DISCCART	733196.38	4055306.50	60.84	60.84
DISCCART	733196.38	4055331.50	60.84	60.84
DISCCART	733221.38	4052331.50	65.14	65.14
DISCCART	733221.38	4052356.50	65.03	65.03
DISCCART	733221.38	4052381.50	64.94	64.94
DISCCART	733221.38	4052406.50	64.84	64.84
DISCCART	733221.38	4052431.50	64.76	64.76
DISCCART	733221.38	4052456.50	64.68	64.68
DISCCART	733221.38	4052481.50	64.63	64.63
DISCCART	733221.38	4052506.50	64.54	64.54
DISCCART	733221.38	4052531.50	64.46	64.46
DISCCART	733221.38	4052556.50	64.37	64.37

DISCCART	733221.38	4052581.50	64.30	64.30
DISCCART	733221.38	4052606.50	64.22	64.22
DISCCART	733221.38	4052631.50	64.14	64.14
DISCCART	733221.38	4052656.50	64.04	64.04
DISCCART	733221.38	4052681.50	63.94	63.94
DISCCART	733221.38	4052706.50	63.84	63.84
DISCCART	733221.38	4052731.50	63.76	63.76
DISCCART	733221.38	4052756.50	63.68	63.68
DISCCART	733221.38	4052781.50	63.60	63.60
DISCCART	733221.38	4052806.50	63.53	63.53
DISCCART	733221.38	4052831.50	63.44	63.44
DISCCART	733221.38	4052856.50	63.35	63.35
DISCCART	733221.38	4052881.50	63.30	63.30
DISCCART	733221.38	4052906.50	63.24	63.24
DISCCART	733221.38	4054031.50	61.64	61.64
DISCCART	733221.38	4054056.50	61.55	61.55
DISCCART	733221.38	4054081.50	61.54	61.54
DISCCART	733221.38	4054106.50	61.54	61.54
DISCCART	733221.38	4055256.50	60.84	60.84
DISCCART	733221.38	4055281.50	60.84	60.84
DISCCART	733221.38	4055306.50	60.84	60.84
DISCCART	733221.38	4055331.50	60.84	60.84
DISCCART	733246.38	4052331.50	65.05	65.05
DISCCART	733246.38	4052356.50	64.95	64.95
DISCCART	733246.38	4052381.50	64.85	64.85
DISCCART	733246.38	4052406.50	64.75	64.75
DISCCART	733246.38	4052431.50	64.72	64.72
DISCCART	733246.38	4052456.50	64.64	64.64
DISCCART	733246.38	4052481.50	64.55	64.55
DISCCART	733246.38	4052506.50	64.46	64.46
DISCCART	733246.38	4052531.50	64.43	64.43
DISCCART	733246.38	4052556.50	64.34	64.34
DISCCART	733246.38	4052581.50	64.24	64.24
DISCCART	733246.38	4052606.50	64.15	64.15
DISCCART	733246.38	4052631.50	64.06	64.06
DISCCART	733246.38	4052656.50	63.95	63.95
DISCCART	733246.38	4052681.50	63.87	63.87
DISCCART	733246.38	4052706.50	63.81	63.81
DISCCART	733246.38	4052731.50	63.72	63.72
DISCCART	733246.38	4052756.50	63.63	63.63
DISCCART	733246.38	4052781.50	63.52	63.52
DISCCART	733246.38	4052806.50	63.44	63.44
DISCCART	733246.38	4052831.50	63.35	63.35
DISCCART	733246.38	4052856.50	63.30	63.30
DISCCART	733246.38	4052881.50	63.24	63.24
DISCCART	733246.38	4052906.50	63.24	63.24
DISCCART	733246.38	4054031.50	61.55	61.55
DISCCART	733246.38	4054056.50	61.54	61.54
DISCCART	733246.38	4054081.50	61.54	61.54
DISCCART	733246.38	4054106.50	61.50	61.50
DISCCART	733246.38	4055256.50	60.74	60.74
DISCCART	733246.38	4055281.50	60.74	60.74
DISCCART	733246.38	4055306.50	60.74	60.74
DISCCART	733246.38	4055331.50	60.74	60.74
DISCCART	733271.38	4052331.50	64.96	64.96
DISCCART	733271.38	4052356.50	64.87	64.87
DISCCART	733271.38	4052381.50	64.80	64.80
DISCCART	733271.38	4052406.50	64.74	64.74
DISCCART	733271.38	4052431.50	64.64	64.64
DISCCART	733271.38	4052456.50	64.58	64.58
DISCCART	733271.38	4052481.50	64.50	64.50
DISCCART	733271.38	4052506.50	64.44	64.44
DISCCART	733271.38	4052531.50	64.34	64.34
DISCCART	733271.38	4052556.50	64.25	64.25
DISCCART	733271.38	4052581.50	64.16	64.16
DISCCART	733271.38	4052606.50	64.11	64.11
DISCCART	733271.38	4052631.50	64.00	64.00
DISCCART	733271.38	4052656.50	63.93	63.93
DISCCART	733271.38	4052681.50	63.84	63.84
DISCCART	733271.38	4052706.50	63.74	63.74
DISCCART	733271.38	4052731.50	63.64	63.64
DISCCART	733271.38	4052756.50	63.54	63.54
DISCCART	733271.38	4052781.50	63.46	63.46
DISCCART	733271.38	4052806.50	63.36	63.36
DISCCART	733271.38	4052831.50	63.30	63.30
DISCCART	733271.38	4052856.50	63.24	63.24
DISCCART	733271.38	4052881.50	63.24	63.24
DISCCART	733271.38	4052906.50	63.15	63.15
DISCCART	733271.38	4054031.50	61.54	61.54
DISCCART	733271.38	4054056.50	61.52	61.52
DISCCART	733271.38	4054081.50	61.45	61.45
DISCCART	733271.38	4054106.50	61.44	61.44
DISCCART	733271.38	4055256.50	60.74	60.74
DISCCART	733271.38	4055281.50	60.74	60.74
DISCCART	733271.38	4055306.50	60.74	60.74
DISCCART	733296.38	4052331.50	64.88	64.88
DISCCART	733296.38	4052356.50	64.84	64.84
DISCCART	733296.38	4052381.50	64.74	64.74
DISCCART	733296.38	4052406.50	64.66	64.66
DISCCART	733296.38	4052431.50	64.59	64.59
DISCCART	733296.38	4052456.50	64.54	64.54
DISCCART	733296.38	4052481.50	64.45	64.45
DISCCART	733296.38	4052506.50	64.36	64.36
DISCCART	733296.38	4052531.50	64.27	64.27
DISCCART	733296.38	4052556.50	64.21	64.21
DISCCART	733296.38	4052581.50	64.14	64.14
DISCCART	733296.38	4052606.50	64.04	64.04
DISCCART	733296.38	4052631.50	63.94	63.94
DISCCART	733296.38	4052656.50	63.85	63.85
DISCCART	733296.38	4052681.50	63.77	63.77
DISCCART	733296.38	4052706.50	63.70	63.70
DISCCART	733296.38	4052731.50	63.59	63.59
DISCCART	733296.38	4052756.50	63.50	63.50
DISCCART	733296.38	4052781.50	63.39	63.39
DISCCART	733296.38	4052806.50	63.34	63.34
DISCCART	733296.38	4052831.50	63.24	63.24
DISCCART	733296.38	4052856.50	63.24	63.24
DISCCART	733296.38	4052881.50	63.14	63.14
DISCCART	733296.38	4052906.50	63.14	63.14
DISCCART	733296.38	4054031.50	61.53	61.53
DISCCART	733296.38	4054056.50	61.44	61.44
DISCCART	733296.38	4054081.50	61.44	61.44
DISCCART	733296.38	4054106.50	61.44	61.44
DISCCART	733296.38	4055256.50	60.66	60.66

DISCCART	733296.38	4055281.50	60.65	60.65
DISCCART	733296.38	4055306.50	60.65	60.65
DISCCART	733296.38	4055331.50	60.64	60.64
DISCCART	733321.38	4052331.50	64.84	64.84
DISCCART	733321.38	4052356.50	64.74	64.74
DISCCART	733321.38	4052381.50	64.70	64.70
DISCCART	733321.38	4052406.50	64.62	64.62
DISCCART	733321.38	4052431.50	64.54	64.54
DISCCART	733321.38	4052456.50	64.46	64.46
DISCCART	733321.38	4052481.50	64.40	64.40
DISCCART	733321.38	4052506.50	64.32	64.32
DISCCART	733321.38	4052531.50	64.24	64.24
DISCCART	733321.38	4052556.50	64.15	64.15
DISCCART	733321.38	4052581.50	64.05	64.05
DISCCART	733321.38	4052606.50	63.97	63.97
DISCCART	733321.38	4052631.50	63.90	63.90
DISCCART	733321.38	4052656.50	63.83	63.83
DISCCART	733321.38	4052681.50	63.73	63.73
DISCCART	733321.38	4052706.50	63.64	63.64
DISCCART	733321.38	4052731.50	63.53	63.53
DISCCART	733321.38	4052756.50	63.45	63.45
DISCCART	733321.38	4052781.50	63.34	63.34
DISCCART	733321.38	4052806.50	63.27	63.27
DISCCART	733321.38	4052831.50	63.24	63.24
DISCCART	733321.38	4052856.50	63.17	63.17
DISCCART	733321.38	4052881.50	63.14	63.14
DISCCART	733321.38	4052906.50	63.12	63.12
DISCCART	733321.38	4054031.50	61.44	61.44
DISCCART	733321.38	4054056.50	61.44	61.44
DISCCART	733321.38	4054081.50	61.44	61.44
DISCCART	733321.38	4054106.50	61.37	61.37
DISCCART	733321.38	4055256.50	60.64	60.64
DISCCART	733321.38	4055281.50	60.64	60.64
DISCCART	733321.38	4055306.50	60.64	60.64
DISCCART	733321.38	4055331.50	60.64	60.64
DISCCART	733346.38	4052331.50	64.78	64.78
DISCCART	733346.38	4052356.50	64.71	64.71
DISCCART	733346.38	4052381.50	64.64	64.64
DISCCART	733346.38	4052406.50	64.56	64.56
DISCCART	733346.38	4052431.50	64.52	64.52
DISCCART	733346.38	4052456.50	64.43	64.43
DISCCART	733346.38	4052481.50	64.34	64.34
DISCCART	733346.38	4052506.50	64.26	64.26
DISCCART	733346.38	4052531.50	64.17	64.17
DISCCART	733346.38	4052556.50	64.12	64.12
DISCCART	733346.38	4052581.50	64.03	64.03
DISCCART	733346.38	4052606.50	63.94	63.94
DISCCART	733346.38	4052631.50	63.84	63.84
DISCCART	733346.38	4052656.50	63.74	63.74
DISCCART	733346.38	4052681.50	63.68	63.68
DISCCART	733346.38	4052706.50	63.60	63.60
DISCCART	733346.38	4052731.50	63.49	63.49
DISCCART	733346.38	4052756.50	63.39	63.39
DISCCART	733346.38	4052781.50	63.33	63.33
DISCCART	733346.38	4052806.50	63.24	63.24
DISCCART	733346.38	4052831.50	63.23	63.23
DISCCART	733346.38	4052856.50	63.14	63.14
DISCCART	733346.38	4052881.50	63.14	63.14
DISCCART	733346.38	4052906.50	63.04	63.04
DISCCART	733346.38	4054031.50	61.44	61.44
DISCCART	733346.38	4054056.50	61.35	61.35
DISCCART	733346.38	4054081.50	61.35	61.35
DISCCART	733346.38	4054106.50	61.34	61.34
DISCCART	733346.38	4055256.50	60.62	60.62
DISCCART	733346.38	4055281.50	60.55	60.55
DISCCART	733346.38	4055306.50	60.55	60.55
DISCCART	733346.38	4055331.50	60.54	60.54
DISCCART	733371.38	4052331.50	64.74	64.74
DISCCART	733371.38	4052356.50	64.65	64.65
DISCCART	733371.38	4052381.50	64.60	64.60
DISCCART	733371.38	4052406.50	64.52	64.52
DISCCART	733371.38	4052431.50	64.44	64.44
DISCCART	733371.38	4052456.50	64.37	64.37
DISCCART	733371.38	4052481.50	64.30	64.30
DISCCART	733371.38	4052506.50	64.22	64.22
DISCCART	733371.38	4052531.50	64.14	64.14
DISCCART	733371.38	4052556.50	64.04	64.04
DISCCART	733371.38	4052581.50	63.95	63.95
DISCCART	733371.38	4052606.50	63.87	63.87
DISCCART	733371.38	4052631.50	63.80	63.80
DISCCART	733371.38	4052656.50	63.73	63.73
DISCCART	733371.38	4052681.50	63.64	63.64
DISCCART	733371.38	4052706.50	63.55	63.55
DISCCART	733371.38	4052731.50	63.44	63.44
DISCCART	733371.38	4052756.50	63.36	63.36
DISCCART	733371.38	4052781.50	63.27	63.27
DISCCART	733371.38	4052806.50	63.24	63.24
DISCCART	733371.38	4052831.50	63.15	63.15
DISCCART	733371.38	4052856.50	63.14	63.14
DISCCART	733371.38	4052881.50	63.05	63.05
DISCCART	733371.38	4052906.50	63.04	63.04
DISCCART	733371.38	4054031.50	61.38	61.38
DISCCART	733371.38	4054056.50	61.34	61.34
DISCCART	733371.38	4054081.50	61.34	61.34
DISCCART	733371.38	4054106.50	61.34	61.34
DISCCART	733371.38	4055256.50	60.54	60.54
DISCCART	733371.38	4055281.50	60.54	60.54
DISCCART	733371.38	4055306.50	60.54	60.54
DISCCART	733371.38	4055331.50	60.54	60.54
DISCCART	733396.38	4052331.50	64.68	64.68
DISCCART	733396.38	4052356.50	64.61	64.61
DISCCART	733396.38	4052381.50	64.54	64.54
DISCCART	733396.38	4052406.50	64.46	64.46
DISCCART	733396.38	4052431.50	64.38	64.38
DISCCART	733396.38	4052456.50	64.34	64.34
DISCCART	733396.38	4052481.50	64.25	64.25
DISCCART	733396.38	4052506.50	64.15	64.15
DISCCART	733396.38	4052531.50	64.08	64.08
DISCCART	733396.38	4052556.50	64.03	64.03
DISCCART	733396.38	4052581.50	63.94	63.94
DISCCART	733396.38	4052606.50	63.84	63.84
DISCCART	733396.38	4052631.50	63.74	63.74
DISCCART	733396.38	4052656.50	63.66	63.66
DISCCART	733396.38	4052681.50	63.59	63.59
DISCCART	733396.38	4052706.50	63.49	63.49

DISCCART	733396.38	4052731.50	63.42	63.42
DISCCART	733396.38	4052756.50	63.33	63.33
DISCCART	733396.38	4052781.50	63.24	63.24
DISCCART	733396.38	4052806.50	63.21	63.21
DISCCART	733396.38	4052831.50	63.14	63.14
DISCCART	733396.38	4052856.50	63.11	63.11
DISCCART	733396.38	4052881.50	63.04	63.04
DISCCART	733396.38	4052906.50	63.02	63.02
DISCCART	733396.38	4054031.50	61.34	61.34
DISCCART	733396.38	4054056.50	61.34	61.34
DISCCART	733396.38	4054081.50	61.34	61.34
DISCCART	733396.38	4054106.50	61.25	61.25
DISCCART	733396.38	4055256.50	60.52	60.52
DISCCART	733396.38	4055281.50	60.52	60.52
DISCCART	733396.38	4055306.50	60.46	60.46
DISCCART	733396.38	4055331.50	60.44	60.44
DISCCART	733421.38	4052331.50	64.64	64.64
DISCCART	733421.38	4052356.50	64.56	64.56
DISCCART	733421.38	4052381.50	64.50	64.50
DISCCART	733421.38	4052406.50	64.42	64.42
DISCCART	733421.38	4052431.50	64.34	64.34
DISCCART	733421.38	4052456.50	64.25	64.25
DISCCART	733421.38	4052481.50	64.20	64.20
DISCCART	733421.38	4052506.50	64.14	64.14
DISCCART	733421.38	4052531.50	64.04	64.04
DISCCART	733421.38	4052556.50	63.94	63.94
DISCCART	733421.38	4052581.50	63.88	63.88
DISCCART	733421.38	4052606.50	63.82	63.82
DISCCART	733421.38	4052631.50	63.73	63.73
DISCCART	733421.38	4052656.50	63.63	63.63
DISCCART	733421.38	4052681.50	63.54	63.54
DISCCART	733421.38	4052706.50	63.45	63.45
DISCCART	733421.38	4052731.50	63.36	63.36
DISCCART	733421.38	4052756.50	63.30	63.30
DISCCART	733421.38	4052781.50	63.24	63.24
DISCCART	733421.38	4052806.50	63.17	63.17
DISCCART	733421.38	4052831.50	63.14	63.14
DISCCART	733421.38	4052856.50	63.04	63.04
DISCCART	733421.38	4052881.50	63.04	63.04
DISCCART	733421.38	4052906.50	62.94	62.94
DISCCART	733421.38	4054031.50	61.34	61.34
DISCCART	733421.38	4054056.50	61.25	61.25
DISCCART	733421.38	4054081.50	61.24	61.24
DISCCART	733421.38	4054106.50	61.24	61.24
DISCCART	733421.38	4055256.50	60.44	60.44
DISCCART	733421.38	4055281.50	60.44	60.44
DISCCART	733421.38	4055306.50	60.44	60.44
DISCCART	733421.38	4055331.50	60.44	60.44
DISCCART	733446.38	4052331.50	64.57	64.57
DISCCART	733446.38	4052356.50	64.54	64.54
DISCCART	733446.38	4052381.50	64.44	64.44
DISCCART	733446.38	4052406.50	64.36	64.36
DISCCART	733446.38	4052431.50	64.32	64.32
DISCCART	733446.38	4052456.50	64.24	64.24
DISCCART	733446.38	4052481.50	64.15	64.15
DISCCART	733446.38	4052506.50	64.05	64.05
DISCCART	733446.38	4052531.50	64.03	64.03
DISCCART	733446.38	4052556.50	63.92	63.92
DISCCART	733446.38	4052581.50	63.84	63.84
DISCCART	733446.38	4052606.50	63.75	63.75
DISCCART	733446.38	4052631.50	63.68	63.68
DISCCART	733446.38	4052656.50	63.56	63.56
DISCCART	733446.38	4052681.50	63.49	63.49
DISCCART	733446.38	4052706.50	63.41	63.41
DISCCART	733446.38	4052731.50	63.34	63.34
DISCCART	733446.38	4052756.50	63.25	63.25
DISCCART	733446.38	4052781.50	63.24	63.24
DISCCART	733446.38	4052806.50	63.14	63.14
DISCCART	733446.38	4052831.50	63.13	63.13
DISCCART	733446.38	4052856.50	63.04	63.04
DISCCART	733446.38	4052881.50	62.98	62.98
DISCCART	733446.38	4052906.50	62.94	62.94
DISCCART	733446.38	4054031.50	61.26	61.26
DISCCART	733446.38	4054056.50	61.24	61.24
DISCCART	733446.38	4054081.50	61.24	61.24
DISCCART	733446.38	4054106.50	61.24	61.24
DISCCART	733446.38	4055256.50	60.44	60.44
DISCCART	733446.38	4055281.50	60.42	60.42
DISCCART	733446.38	4055306.50	60.43	60.43
DISCCART	733446.38	4055331.50	60.43	60.43
DISCCART	733471.38	4052331.50	64.54	64.54
DISCCART	733471.38	4052356.50	64.45	64.45
DISCCART	733471.38	4052381.50	64.40	64.40
DISCCART	733471.38	4052406.50	64.34	64.34
DISCCART	733471.38	4052431.50	64.25	64.25
DISCCART	733471.38	4052456.50	64.22	64.22
DISCCART	733471.38	4052481.50	64.14	64.14
DISCCART	733471.38	4052506.50	64.04	64.04
DISCCART	733471.38	4052531.50	63.94	63.94
DISCCART	733471.38	4052556.50	63.87	63.87
DISCCART	733471.38	4052581.50	63.78	63.78
DISCCART	733471.38	4052606.50	63.73	63.73
DISCCART	733471.38	4052631.50	63.63	63.63
DISCCART	733471.38	4052656.50	63.54	63.54
DISCCART	733471.38	4052681.50	63.44	63.44
DISCCART	733471.38	4052706.50	63.35	63.35
DISCCART	733471.38	4052731.50	63.30	63.30
DISCCART	733471.38	4052756.50	63.24	63.24
DISCCART	733471.38	4052781.50	63.16	63.16
DISCCART	733471.38	4052806.50	63.14	63.14
DISCCART	733471.38	4052831.50	63.05	63.05
DISCCART	733471.38	4052856.50	63.04	63.04
DISCCART	733471.38	4052881.50	62.94	62.94
DISCCART	733471.38	4052906.50	62.93	62.93
DISCCART	733471.38	4054031.50	61.24	61.24
DISCCART	733471.38	4054056.50	61.24	61.24
DISCCART	733471.38	4054081.50	61.24	61.24
DISCCART	733471.38	4054106.50	61.19	61.19
DISCCART	733471.38	4055231.50	60.36	60.36
DISCCART	733471.38	4055256.50	60.34	60.34
DISCCART	733471.38	4055281.50	60.34	60.34
DISCCART	733471.38	4055306.50	60.34	60.34
DISCCART	733471.38	4055331.50	60.34	60.34
DISCCART	733496.38	4052331.50	64.47	64.47
DISCCART	733496.38	4052356.50	64.44	64.44

DISCCART	733496.38	4052381.50	64.35	64.35
DISCCART	733496.38	4052406.50	64.30	64.30
DISCCART	733496.38	4052431.50	64.22	64.22
DISCCART	733496.38	4052456.50	64.14	64.14
DISCCART	733496.38	4052481.50	64.07	64.07
DISCCART	733496.38	4052506.50	64.01	64.01
DISCCART	733496.38	4052531.50	63.92	63.92
DISCCART	733496.38	4052556.50	63.84	63.84
DISCCART	733496.38	4052581.50	63.74	63.74
DISCCART	733496.38	4052606.50	63.66	63.66
DISCCART	733496.38	4052631.50	63.58	63.58
DISCCART	733496.38	4052656.50	63.50	63.50
DISCCART	733496.38	4052681.50	63.44	63.44
DISCCART	733496.38	4052706.50	63.34	63.34
DISCCART	733496.38	4052731.50	63.25	63.25
DISCCART	733496.38	4052756.50	63.24	63.24
DISCCART	733496.38	4052781.50	63.14	63.14
DISCCART	733496.38	4052806.50	63.11	63.11
DISCCART	733496.38	4052831.50	63.04	63.04
DISCCART	733496.38	4052856.50	63.01	63.01
DISCCART	733496.38	4052881.50	62.94	62.94
DISCCART	733496.38	4052906.50	62.85	62.85
DISCCART	733496.38	4053981.50	61.25	61.25
DISCCART	733496.38	4054006.50	61.24	61.24
DISCCART	733496.38	4054031.50	61.24	61.24
DISCCART	733496.38	4054056.50	61.16	61.16
DISCCART	733496.38	4054081.50	61.14	61.14
DISCCART	733496.38	4054106.50	61.14	61.14
DISCCART	733496.38	4054906.50	60.54	60.54
DISCCART	733496.38	4054931.50	60.54	60.54
DISCCART	733496.38	4054956.50	60.54	60.54
DISCCART	733496.38	4054981.50	60.54	60.54
DISCCART	733496.38	4055006.50	60.54	60.54
DISCCART	733496.38	4055031.50	60.52	60.52
DISCCART	733496.38	4055056.50	60.45	60.45
DISCCART	733496.38	4055081.50	60.44	60.44
DISCCART	733496.38	4055106.50	60.44	60.44
DISCCART	733496.38	4055131.50	60.44	60.44
DISCCART	733496.38	4055156.50	60.44	60.44
DISCCART	733496.38	4055181.50	60.43	60.43
DISCCART	733496.38	4055206.50	60.35	60.35
DISCCART	733496.38	4055231.50	60.34	60.34
DISCCART	733496.38	4055256.50	60.34	60.34
DISCCART	733496.38	4055281.50	60.33	60.33
DISCCART	733496.38	4055306.50	60.33	60.33
DISCCART	733496.38	4055331.50	60.33	60.33
DISCCART	733521.38	4052331.50	64.44	64.44
DISCCART	733521.38	4052356.50	64.41	64.41
DISCCART	733521.38	4052381.50	64.34	64.34
DISCCART	733521.38	4052406.50	64.24	64.24
DISCCART	733521.38	4052431.50	64.16	64.16
DISCCART	733521.38	4052456.50	64.13	64.13
DISCCART	733521.38	4052481.50	64.04	64.04
DISCCART	733521.38	4052506.50	63.94	63.94
DISCCART	733521.38	4052531.50	63.86	63.86
DISCCART	733521.38	4052556.50	63.81	63.81
DISCCART	733521.38	4052581.50	63.73	63.73
DISCCART	733521.38	4052606.50	63.64	63.64
DISCCART	733521.38	4052631.50	63.54	63.54
DISCCART	733521.38	4052656.50	63.45	63.45
DISCCART	733521.38	4052681.50	63.36	63.36
DISCCART	733521.38	4052706.50	63.31	63.31
DISCCART	733521.38	4052731.50	63.24	63.24
DISCCART	733521.38	4052756.50	63.17	63.17
DISCCART	733521.38	4052781.50	63.14	63.14
DISCCART	733521.38	4052806.50	63.04	63.04
DISCCART	733521.38	4052831.50	63.04	63.04
DISCCART	733521.38	4052856.50	62.94	62.94
DISCCART	733521.38	4052881.50	62.90	62.90
DISCCART	733521.38	4052906.50	62.84	62.84
DISCCART	733521.38	4052931.50	62.84	62.84
DISCCART	733521.38	4053481.50	61.80	61.80
DISCCART	733521.38	4053506.50	61.74	61.74
DISCCART	733521.38	4053531.50	61.74	61.74
DISCCART	733521.38	4053556.50	61.74	61.74
DISCCART	733521.38	4053581.50	61.66	61.66
DISCCART	733521.38	4053606.50	61.64	61.64
DISCCART	733521.38	4053631.50	61.64	61.64
DISCCART	733521.38	4053656.50	61.57	61.57
DISCCART	733521.38	4053681.50	61.54	61.54
DISCCART	733521.38	4053706.50	61.54	61.54
DISCCART	733521.38	4053731.50	61.54	61.54
DISCCART	733521.38	4053756.50	61.45	61.45
DISCCART	733521.38	4053781.50	61.44	61.44
DISCCART	733521.38	4053806.50	61.44	61.44
DISCCART	733521.38	4053831.50	61.35	61.35
DISCCART	733521.38	4053856.50	61.34	61.34
DISCCART	733521.38	4053881.50	61.34	61.34
DISCCART	733521.38	4053906.50	61.34	61.34
DISCCART	733521.38	4053931.50	61.26	61.26
DISCCART	733521.38	4053956.50	61.24	61.24
DISCCART	733521.38	4053981.50	61.24	61.24
DISCCART	733521.38	4054006.50	61.24	61.24
DISCCART	733521.38	4054031.50	61.16	61.16
DISCCART	733521.38	4054056.50	61.14	61.14
DISCCART	733521.38	4054081.50	61.14	61.14
DISCCART	733521.38	4054106.50	61.14	61.14
DISCCART	733521.38	4054131.50	61.09	61.09
DISCCART	733521.38	4054156.50	61.04	61.04
DISCCART	733521.38	4054181.50	61.04	61.04
DISCCART	733521.38	4054206.50	61.04	61.04
DISCCART	733521.38	4054231.50	60.99	60.99
DISCCART	733521.38	4054256.50	60.94	60.94
DISCCART	733521.38	4054281.50	60.94	60.94
DISCCART	733521.38	4054306.50	60.94	60.94
DISCCART	733521.38	4054331.50	60.91	60.91
DISCCART	733521.38	4054356.50	60.85	60.85
DISCCART	733521.38	4054381.50	60.84	60.84
DISCCART	733521.38	4054406.50	60.84	60.84
DISCCART	733521.38	4054431.50	60.84	60.84
DISCCART	733521.38	4054456.50	60.80	60.80
DISCCART	733521.38	4054481.50	60.74	60.74
DISCCART	733521.38	4054506.50	60.74	60.74
DISCCART	733521.38	4054531.50	60.74	60.74
DISCCART	733521.38	4054556.50	60.74	60.74

DISCCART	733521.38	4054581.50	60.74	60.74
DISCCART	733521.38	4054606.50	60.68	60.68
DISCCART	733521.38	4054631.50	60.66	60.66
DISCCART	733521.38	4054656.50	60.64	60.64
DISCCART	733521.38	4054681.50	60.64	60.64
DISCCART	733521.38	4054706.50	60.64	60.64
DISCCART	733521.38	4054731.50	60.64	60.64
DISCCART	733521.38	4054756.50	60.64	60.64
DISCCART	733521.38	4054781.50	60.58	60.58
DISCCART	733521.38	4054806.50	60.54	60.54
DISCCART	733521.38	4054831.50	60.54	60.54
DISCCART	733521.38	4054856.50	60.54	60.54
DISCCART	733521.38	4054881.50	60.54	60.54
DISCCART	733521.38	4054906.50	60.54	60.54
DISCCART	733521.38	4054931.50	60.54	60.54
DISCCART	733521.38	4054956.50	60.48	60.48
DISCCART	733521.38	4054981.50	60.45	60.45
DISCCART	733521.38	4055006.50	60.44	60.44
DISCCART	733521.38	4055031.50	60.44	60.44
DISCCART	733521.38	4055056.50	60.44	60.44
DISCCART	733521.38	4055081.50	60.44	60.44
DISCCART	733521.38	4055106.50	60.44	60.44
DISCCART	733521.38	4055131.50	60.43	60.43
DISCCART	733521.38	4055156.50	60.38	60.38
DISCCART	733521.38	4055181.50	60.36	60.36
DISCCART	733521.38	4055206.50	60.34	60.34
DISCCART	733521.38	4055231.50	60.25	60.25
DISCCART	733521.38	4055256.50	60.24	60.24
DISCCART	733521.38	4055281.50	60.24	60.24
DISCCART	733521.38	4055306.50	60.24	60.24
DISCCART	733521.38	4055331.50	60.24	60.24
DISCCART	733546.38	4052331.50	64.44	64.44
DISCCART	733546.38	4052356.50	64.34	64.34
DISCCART	733546.38	4052381.50	64.26	64.26
DISCCART	733546.38	4052406.50	64.21	64.21
DISCCART	733546.38	4052431.50	64.14	64.14
DISCCART	733546.38	4052456.50	64.04	64.04
DISCCART	733546.38	4052481.50	63.97	63.97
DISCCART	733546.38	4052506.50	63.90	63.90
DISCCART	733546.38	4052531.50	63.83	63.83
DISCCART	733546.38	4052556.50	63.74	63.74
DISCCART	733546.38	4052581.50	63.67	63.67
DISCCART	733546.38	4052606.50	63.60	63.60
DISCCART	733546.38	4052631.50	63.54	63.54
DISCCART	733546.38	4052656.50	63.44	63.44
DISCCART	733546.38	4052681.50	63.34	63.34
DISCCART	733546.38	4052706.50	63.26	63.26
DISCCART	733546.38	4052731.50	63.24	63.24
DISCCART	733546.38	4052756.50	63.14	63.14
DISCCART	733546.38	4052781.50	63.08	63.08
DISCCART	733546.38	4052806.50	63.04	63.04
DISCCART	733546.38	4052831.50	62.98	62.98
DISCCART	733546.38	4052856.50	62.94	62.94
DISCCART	733546.38	4052881.50	62.84	62.84
DISCCART	733546.38	4052906.50	62.84	62.84
DISCCART	733546.38	4052931.50	62.77	62.77
DISCCART	733546.38	4052956.50	62.74	62.74
DISCCART	733546.38	4052981.50	62.66	62.66
DISCCART	733546.38	4053006.50	62.64	62.64
DISCCART	733546.38	4053031.50	62.57	62.57
DISCCART	733546.38	4053056.50	62.54	62.54
DISCCART	733546.38	4053081.50	62.47	62.47
DISCCART	733546.38	4053106.50	62.44	62.44
DISCCART	733546.38	4053131.50	62.37	62.37
DISCCART	733546.38	4053156.50	62.34	62.34
DISCCART	733546.38	4053181.50	62.33	62.33
DISCCART	733546.38	4053206.50	62.24	62.24
DISCCART	733546.38	4053231.50	62.24	62.24
DISCCART	733546.38	4053256.50	62.16	62.16
DISCCART	733546.38	4053281.50	62.14	62.14
DISCCART	733546.38	4053306.50	62.10	62.10
DISCCART	733546.38	4053331.50	62.04	62.04
DISCCART	733546.38	4053356.50	62.04	62.04
DISCCART	733546.38	4053381.50	61.94	61.94
DISCCART	733546.38	4053406.50	61.94	61.94
DISCCART	733546.38	4053431.50	61.84	61.84
DISCCART	733546.38	4053456.50	61.82	61.82
DISCCART	733546.38	4053481.50	61.74	61.74
DISCCART	733546.38	4053506.50	61.74	61.74
DISCCART	733546.38	4053531.50	61.73	61.73
DISCCART	733546.38	4053556.50	61.65	61.65
DISCCART	733546.38	4053581.50	61.64	61.64
DISCCART	733546.38	4053606.50	61.64	61.64
DISCCART	733546.38	4053631.50	61.58	61.58
DISCCART	733546.38	4053656.50	61.54	61.54
DISCCART	733546.38	4053681.50	61.54	61.54
DISCCART	733546.38	4053706.50	61.49	61.49
DISCCART	733546.38	4053731.50	61.44	61.44
DISCCART	733546.38	4053756.50	61.44	61.44
DISCCART	733546.38	4053781.50	61.44	61.44
DISCCART	733546.38	4053806.50	61.35	61.35
DISCCART	733546.38	4053831.50	61.34	61.34
DISCCART	733546.38	4053856.50	61.34	61.34
DISCCART	733546.38	4053881.50	61.25	61.25
DISCCART	733546.38	4053906.50	61.25	61.25
DISCCART	733546.38	4053931.50	61.24	61.24
DISCCART	733546.38	4053956.50	61.24	61.24
DISCCART	733546.38	4053981.50	61.22	61.22
DISCCART	733546.38	4054006.50	61.15	61.15
DISCCART	733546.38	4054031.50	61.14	61.14
DISCCART	733546.38	4054056.50	61.06	61.06
DISCCART	733546.38	4054081.50	61.14	61.14
DISCCART	733546.38	4054106.50	61.05	61.05
DISCCART	733546.38	4054131.50	61.04	61.04
DISCCART	733546.38	4054156.50	61.04	61.04
DISCCART	733546.38	4054181.50	61.03	61.03
DISCCART	733546.38	4054206.50	60.95	60.95
DISCCART	733546.38	4054231.50	60.94	60.94
DISCCART	733546.38	4054256.50	60.92	60.92
DISCCART	733546.38	4054281.50	60.91	60.91
DISCCART	733546.38	4054306.50	60.85	60.85
DISCCART	733546.38	4054331.50	60.84	60.84
DISCCART	733546.38	4054356.50	60.84	60.84
DISCCART	733546.38	4054381.50	60.84	60.84
DISCCART	733546.38	4054406.50	60.83	60.83

DISCCART	733546.38	4054431.50	60.74	60.74
DISCCART	733546.38	4054456.50	60.74	60.74
DISCCART	733546.38	4054481.50	60.74	60.74
DISCCART	733546.38	4054506.50	60.74	60.74
DISCCART	733546.38	4054531.50	60.74	60.74
DISCCART	733546.38	4054556.50	60.70	60.70
DISCCART	733546.38	4054581.50	60.65	60.65
DISCCART	733546.38	4054606.50	60.64	60.64
DISCCART	733546.38	4054631.50	60.64	60.64
DISCCART	733546.38	4054656.50	60.64	60.64
DISCCART	733546.38	4054681.50	60.64	60.64
DISCCART	733546.38	4054706.50	60.63	60.63
DISCCART	733546.38	4054731.50	60.55	60.55
DISCCART	733546.38	4054756.50	60.54	60.54
DISCCART	733546.38	4054781.50	60.54	60.54
DISCCART	733546.38	4054806.50	60.54	60.54
DISCCART	733546.38	4054831.50	60.54	60.54
DISCCART	733546.38	4054856.50	60.53	60.53
DISCCART	733546.38	4054881.50	60.52	60.52
DISCCART	733546.38	4054906.50	60.46	60.46
DISCCART	733546.38	4054931.50	60.44	60.44
DISCCART	733546.38	4054956.50	60.44	60.44
DISCCART	733546.38	4054981.50	60.44	60.44
DISCCART	733546.38	4055006.50	60.44	60.44
DISCCART	733546.38	4055031.50	60.44	60.44
DISCCART	733546.38	4055056.50	60.43	60.43
DISCCART	733546.38	4055081.50	60.38	60.38
DISCCART	733546.38	4055106.50	60.36	60.36
DISCCART	733546.38	4055131.50	60.34	60.34
DISCCART	733546.38	4055156.50	60.34	60.34
DISCCART	733546.38	4055181.50	60.34	60.34
DISCCART	733546.38	4055206.50	60.34	60.34
DISCCART	733546.38	4055231.50	60.34	60.34
DISCCART	733546.38	4055256.50	60.26	60.26
DISCCART	733546.38	4055281.50	60.24	60.24
DISCCART	733546.38	4055306.50	60.24	60.24
DISCCART	733546.38	4055331.50	60.24	60.24
DISCCART	733571.38	4052331.50	64.35	64.35
DISCCART	733571.38	4052356.50	64.32	64.32
DISCCART	733571.38	4052381.50	64.24	64.24
DISCCART	733571.38	4052406.50	64.14	64.14
DISCCART	733571.38	4052431.50	64.08	64.08
DISCCART	733571.38	4052456.50	64.02	64.02
DISCCART	733571.38	4052481.50	63.94	63.94
DISCCART	733571.38	4052506.50	63.85	63.85
DISCCART	733571.38	4052531.50	63.78	63.78
DISCCART	733571.38	4052556.50	63.72	63.72
DISCCART	733571.38	4052581.50	63.64	63.64
DISCCART	733571.38	4052606.50	63.55	63.55
DISCCART	733571.38	4052631.50	63.50	63.50
DISCCART	733571.38	4052656.50	63.41	63.41
DISCCART	733571.38	4052681.50	63.34	63.34
DISCCART	733571.38	4052706.50	63.24	63.24
DISCCART	733571.38	4052731.50	63.17	63.17
DISCCART	733571.38	4052756.50	63.14	63.14
DISCCART	733571.38	4052781.50	63.04	63.04
DISCCART	733571.38	4052806.50	63.04	63.04
DISCCART	733571.38	4052831.50	62.94	62.94
DISCCART	733571.38	4052856.50	62.94	62.94
DISCCART	733571.38	4052881.50	62.84	62.84
DISCCART	733571.38	4052906.50	62.80	62.80
DISCCART	733571.38	4052931.50	62.74	62.74
DISCCART	733571.38	4052956.50	62.70	62.70
DISCCART	733571.38	4052981.50	62.64	62.64
DISCCART	733571.38	4053006.50	62.60	62.60
DISCCART	733571.38	4053031.50	62.54	62.54
DISCCART	733571.38	4053056.50	62.47	62.47
DISCCART	733571.38	4053081.50	62.44	62.44
DISCCART	733571.38	4053106.50	62.43	62.43
DISCCART	733571.38	4053131.50	62.34	62.34
DISCCART	733571.38	4053156.50	62.34	62.34
DISCCART	733571.38	4053181.50	62.24	62.24
DISCCART	733571.38	4053206.50	62.24	62.24
DISCCART	733571.38	4053231.50	62.16	62.16
DISCCART	733571.38	4053256.50	62.14	62.14
DISCCART	733571.38	4053281.50	62.10	62.10
DISCCART	733571.38	4053306.50	62.04	62.04
DISCCART	733571.38	4053331.50	62.04	62.04
DISCCART	733571.38	4053356.50	61.95	61.95
DISCCART	733571.38	4053381.50	61.94	61.94
DISCCART	733571.38	4053406.50	61.87	61.87
DISCCART	733571.38	4053431.50	61.84	61.84
DISCCART	733571.38	4053456.50	61.74	61.74
DISCCART	733571.38	4053481.50	61.74	61.74
DISCCART	733571.38	4053506.50	61.74	61.74
DISCCART	733571.38	4053531.50	61.64	61.64
DISCCART	733571.38	4053556.50	61.64	61.64
DISCCART	733571.38	4053581.50	61.64	61.64
DISCCART	733571.38	4053606.50	61.58	61.58
DISCCART	733571.38	4053631.50	61.54	61.54
DISCCART	733571.38	4053656.50	61.54	61.54
DISCCART	733571.38	4053681.50	61.45	61.45
DISCCART	733571.38	4053706.50	61.44	61.44
DISCCART	733571.38	4053731.50	61.44	61.44
DISCCART	733571.38	4053756.50	61.44	61.44
DISCCART	733571.38	4053781.50	61.35	61.35
DISCCART	733571.38	4053806.50	61.34	61.34
DISCCART	733571.38	4053831.50	61.34	61.34
DISCCART	733571.38	4053856.50	61.24	61.24
DISCCART	733571.38	4053881.50	61.24	61.24
DISCCART	733571.38	4053906.50	61.24	61.24
DISCCART	733571.38	4053931.50	61.24	61.24
DISCCART	733571.38	4053956.50	61.19	61.19
DISCCART	733571.38	4053981.50	61.14	61.14
DISCCART	733571.38	4054006.50	61.14	61.14
DISCCART	733571.38	4054031.50	61.14	61.14
DISCCART	733571.38	4054056.50	61.06	61.06
DISCCART	733571.38	4054081.50	61.04	61.04
DISCCART	733571.38	4054106.50	61.04	61.04
DISCCART	733571.38	4054131.50	61.04	61.04
DISCCART	733571.38	4054156.50	60.99	60.99
DISCCART	733571.38	4054181.50	60.94	60.94
DISCCART	733571.38	4054206.50	60.94	60.94
DISCCART	733571.38	4054231.50	60.84	60.84
DISCCART	733571.38	4054256.50	60.84	60.84

DISCCART	733571.38	4054281.50	60.84	60.84
DISCCART	733571.38	4054306.50	60.84	60.84
DISCCART	733571.38	4054331.50	60.84	60.84
DISCCART	733571.38	4054356.50	60.84	60.84
DISCCART	733571.38	4054381.50	60.75	60.75
DISCCART	733571.38	4054406.50	60.74	60.74
DISCCART	733571.38	4054431.50	60.74	60.74
DISCCART	733571.38	4054456.50	60.74	60.74
DISCCART	733571.38	4054481.50	60.74	60.74
DISCCART	733571.38	4054506.50	60.67	60.67
DISCCART	733571.38	4054531.50	60.64	60.64
DISCCART	733571.38	4054556.50	60.64	60.64
DISCCART	733571.38	4054581.50	60.64	60.64
DISCCART	733571.38	4054606.50	60.64	60.64
DISCCART	733571.38	4054631.50	60.64	60.64
DISCCART	733571.38	4054656.50	60.58	60.58
DISCCART	733571.38	4054681.50	60.54	60.54
DISCCART	733571.38	4054706.50	60.54	60.54
DISCCART	733571.38	4054731.50	60.54	60.54
DISCCART	733571.38	4054756.50	60.54	60.54
DISCCART	733571.38	4054781.50	60.54	60.54
DISCCART	733571.38	4054806.50	60.52	60.52
DISCCART	733571.38	4054831.50	60.49	60.49
DISCCART	733571.38	4054856.50	60.44	60.44
DISCCART	733571.38	4054881.50	60.44	60.44
DISCCART	733571.38	4054906.50	60.44	60.44
DISCCART	733571.38	4054931.50	60.44	60.44
DISCCART	733571.38	4054956.50	60.44	60.44
DISCCART	733571.38	4054981.50	60.44	60.44
DISCCART	733571.38	4055006.50	60.39	60.39
DISCCART	733571.38	4055031.50	60.34	60.34
DISCCART	733571.38	4055056.50	60.34	60.34
DISCCART	733571.38	4055081.50	60.34	60.34
DISCCART	733571.38	4055106.50	60.34	60.34
DISCCART	733571.38	4055131.50	60.34	60.34
DISCCART	733571.38	4055156.50	60.34	60.34
DISCCART	733571.38	4055181.50	60.30	60.30
DISCCART	733571.38	4055206.50	60.28	60.28
DISCCART	733571.38	4055231.50	60.25	60.25
DISCCART	733571.38	4055256.50	60.24	60.24
DISCCART	733571.38	4055281.50	60.24	60.24
DISCCART	733571.38	4055306.50	60.24	60.24
DISCCART	733571.38	4055331.50	60.24	60.24
DISCCART	733596.38	4052331.50	64.36	64.36
DISCCART	733596.38	4052356.50	64.32	64.32
DISCCART	733596.38	4052381.50	64.24	64.24
DISCCART	733596.38	4052406.50	64.14	64.14
DISCCART	733596.38	4052431.50	64.04	64.04
DISCCART	733596.38	4052456.50	63.96	63.96
DISCCART	733596.38	4052481.50	63.92	63.92
DISCCART	733596.38	4052506.50	63.84	63.84
DISCCART	733596.38	4052531.50	63.74	63.74
DISCCART	733596.38	4052556.50	63.70	63.70
DISCCART	733596.38	4052581.50	63.63	63.63
DISCCART	733596.38	4052606.50	63.54	63.54
DISCCART	733596.38	4052631.50	63.45	63.45
DISCCART	733596.38	4052656.50	63.40	63.40
DISCCART	733596.38	4052681.50	63.34	63.34
DISCCART	733596.38	4052706.50	63.24	63.24
DISCCART	733596.38	4052731.50	63.18	63.18
DISCCART	733596.38	4052756.50	63.14	63.14
DISCCART	733596.38	4052781.50	63.04	63.04
DISCCART	733596.38	4052806.50	63.02	63.02
DISCCART	733596.38	4052831.50	62.94	62.94
DISCCART	733596.38	4052856.50	62.90	62.90
DISCCART	733596.38	4052881.50	62.84	62.84
DISCCART	733596.38	4052906.50	62.76	62.76
DISCCART	733596.38	4052931.50	62.74	62.74
DISCCART	733596.38	4052956.50	62.66	62.66
DISCCART	733596.38	4052981.50	62.64	62.64
DISCCART	733596.38	4053006.50	62.55	62.55
DISCCART	733596.38	4053031.50	62.53	62.53
DISCCART	733596.38	4053056.50	62.44	62.44
DISCCART	733596.38	4053081.50	62.43	62.43
DISCCART	733596.38	4053106.50	62.34	62.34
DISCCART	733596.38	4053131.50	62.33	62.33
DISCCART	733596.38	4053156.50	62.24	62.24
DISCCART	733596.38	4053181.50	62.24	62.24
DISCCART	733596.38	4053206.50	62.15	62.15
DISCCART	733596.38	4053231.50	62.14	62.14
DISCCART	733596.38	4053256.50	62.10	62.10
DISCCART	733596.38	4053281.50	62.04	62.04
DISCCART	733596.38	4053306.50	62.04	62.04
DISCCART	733596.38	4053331.50	61.94	61.94
DISCCART	733596.38	4053356.50	61.94	61.94
DISCCART	733596.38	4053381.50	61.87	61.87
DISCCART	733596.38	4053406.50	61.84	61.84
DISCCART	733596.38	4053431.50	61.83	61.83
DISCCART	733596.38	4053456.50	61.74	61.74
DISCCART	733596.38	4053481.50	61.74	61.74
DISCCART	733596.38	4053506.50	61.65	61.65
DISCCART	733596.38	4053531.50	61.64	61.64
DISCCART	733596.38	4053556.50	61.64	61.64
DISCCART	733596.38	4053581.50	61.58	61.58
DISCCART	733596.38	4053606.50	61.54	61.54
DISCCART	733596.38	4053631.50	61.54	61.54
DISCCART	733596.38	4053656.50	61.46	61.46
DISCCART	733596.38	4053681.50	61.44	61.44
DISCCART	733596.38	4053706.50	61.44	61.44
DISCCART	733596.38	4053731.50	61.36	61.36
DISCCART	733596.38	4053756.50	61.34	61.34
DISCCART	733596.38	4053781.50	61.34	61.34
DISCCART	733596.38	4053806.50	61.34	61.34
DISCCART	733596.38	4053831.50	61.28	61.28
DISCCART	733596.38	4053856.50	61.24	61.24
DISCCART	733596.38	4053881.50	61.22	61.22
DISCCART	733596.38	4053906.50	61.16	61.16
DISCCART	733596.38	4053931.50	61.18	61.18
DISCCART	733596.38	4053956.50	61.14	61.14
DISCCART	733596.38	4053981.50	61.14	61.14
DISCCART	733596.38	4054006.50	61.14	61.14
DISCCART	733596.38	4054031.50	61.05	61.05
DISCCART	733596.38	4054056.50	60.96	60.96
DISCCART	733596.38	4054081.50	61.04	61.04
DISCCART	733596.38	4054106.50	61.03	61.03

DISCCART	733596.38	4054131.50	60.94	60.94
DISCCART	733596.38	4054156.50	60.94	60.94
DISCCART	733596.38	4054181.50	60.94	60.94
DISCCART	733596.38	4054206.50	60.90	60.90
DISCCART	733596.38	4054231.50	60.84	60.84
DISCCART	733596.38	4054256.50	60.84	60.84
DISCCART	733596.38	4054281.50	60.84	60.84
DISCCART	733596.38	4054306.50	60.84	60.84
DISCCART	733596.38	4054331.50	60.78	60.78
DISCCART	733596.38	4054356.50	60.74	60.74
DISCCART	733596.38	4054381.50	60.74	60.74
DISCCART	733596.38	4054406.50	60.74	60.74
DISCCART	733596.38	4054431.50	60.73	60.73
DISCCART	733596.38	4054456.50	60.66	60.66
DISCCART	733596.38	4054481.50	60.64	60.64
DISCCART	733596.38	4054506.50	60.64	60.64
DISCCART	733596.38	4054531.50	60.64	60.64
DISCCART	733596.38	4054556.50	60.64	60.64
DISCCART	733596.38	4054581.50	60.62	60.62
DISCCART	733596.38	4054606.50	60.55	60.55
DISCCART	733596.38	4054631.50	60.54	60.54
DISCCART	733596.38	4054656.50	60.54	60.54
DISCCART	733596.38	4054681.50	60.54	60.54
DISCCART	733596.38	4054706.50	60.54	60.54
DISCCART	733596.38	4054731.50	60.54	60.54
DISCCART	733596.38	4054756.50	60.50	60.50
DISCCART	733596.38	4054781.50	60.46	60.46
DISCCART	733596.38	4054806.50	60.44	60.44
DISCCART	733596.38	4054831.50	60.44	60.44
DISCCART	733596.38	4054856.50	60.44	60.44
DISCCART	733596.38	4054881.50	60.44	60.44
DISCCART	733596.38	4054906.50	60.42	60.42
DISCCART	733596.38	4054931.50	60.38	60.38
DISCCART	733596.38	4054956.50	60.35	60.35
DISCCART	733596.38	4054981.50	60.34	60.34
DISCCART	733596.38	4055006.50	60.34	60.34
DISCCART	733596.38	4055031.50	60.34	60.34
DISCCART	733596.38	4055056.50	60.34	60.34
DISCCART	733596.38	4055081.50	60.34	60.34
DISCCART	733596.38	4055106.50	60.32	60.32
DISCCART	733596.38	4055131.50	60.26	60.26
DISCCART	733596.38	4055156.50	60.24	60.24
DISCCART	733596.38	4055181.50	60.24	60.24
DISCCART	733596.38	4055206.50	60.24	60.24
DISCCART	733596.38	4055231.50	60.24	60.24
DISCCART	733596.38	4055256.50	60.24	60.24
DISCCART	733596.38	4055281.50	60.24	60.24
DISCCART	733596.38	4055306.50	60.24	60.24
DISCCART	733596.38	4055331.50	60.24	60.24
DISCCART	733621.38	4052331.50	64.34	64.34
DISCCART	733621.38	4052356.50	64.24	64.24
DISCCART	733621.38	4052381.50	64.16	64.16
DISCCART	733621.38	4052406.50	64.07	64.07
DISCCART	733621.38	4052431.50	64.00	64.00
DISCCART	733621.38	4052456.50	63.94	63.94
DISCCART	733621.38	4052481.50	63.84	63.84
DISCCART	733621.38	4052506.50	63.77	63.77
DISCCART	733621.38	4052531.50	63.74	63.74
DISCCART	733621.38	4052556.50	63.64	63.64
DISCCART	733621.38	4052581.50	63.55	63.55
DISCCART	733621.38	4052606.50	63.48	63.48
DISCCART	733621.38	4052631.50	63.44	63.44
DISCCART	733621.38	4052656.50	63.34	63.34
DISCCART	733621.38	4052681.50	63.30	63.30
DISCCART	733621.38	4052706.50	63.24	63.24
DISCCART	733621.38	4052731.50	63.16	63.16
DISCCART	733621.38	4052756.50	63.13	63.13
DISCCART	733621.38	4052781.50	63.04	63.04
DISCCART	733621.38	4052806.50	62.95	62.95
DISCCART	733621.38	4052831.50	62.93	62.93
DISCCART	733621.38	4052856.50	62.84	62.84
DISCCART	733621.38	4052881.50	62.80	62.80
DISCCART	733621.38	4052906.50	62.74	62.74
DISCCART	733621.38	4052931.50	62.66	62.66
DISCCART	733621.38	4052956.50	62.64	62.64
DISCCART	733621.38	4052981.50	62.55	62.55
DISCCART	733621.38	4053006.50	62.54	62.54
DISCCART	733621.38	4053031.50	62.44	62.44
DISCCART	733621.38	4053056.50	62.43	62.43
DISCCART	733621.38	4053081.50	62.34	62.34
DISCCART	733621.38	4053106.50	62.34	62.34
DISCCART	733621.38	4053131.50	62.26	62.26
DISCCART	733621.38	4053156.50	62.24	62.24
DISCCART	733621.38	4053181.50	62.16	62.16
DISCCART	733621.38	4053206.50	62.14	62.14
DISCCART	733621.38	4053231.50	62.10	62.10
DISCCART	733621.38	4053256.50	62.04	62.04
DISCCART	733621.38	4053281.50	62.04	62.04
DISCCART	733621.38	4053306.50	61.95	61.95
DISCCART	733621.38	4053331.50	61.94	61.94
DISCCART	733621.38	4053356.50	61.87	61.87
DISCCART	733621.38	4053381.50	61.84	61.84
DISCCART	733621.38	4053406.50	61.83	61.83
DISCCART	733621.38	4053431.50	61.74	61.74
DISCCART	733621.38	4053456.50	61.74	61.74
DISCCART	733621.38	4053481.50	61.68	61.68
DISCCART	733621.38	4053506.50	61.64	61.64
DISCCART	733621.38	4053531.50	61.64	61.64
DISCCART	733621.38	4053556.50	61.58	61.58
DISCCART	733621.38	4053581.50	61.54	61.54
DISCCART	733621.38	4053606.50	61.54	61.54
DISCCART	733621.38	4053631.50	61.45	61.45
DISCCART	733621.38	4053656.50	61.44	61.44
DISCCART	733621.38	4053681.50	61.44	61.44
DISCCART	733621.38	4053706.50	61.37	61.37
DISCCART	733621.38	4053731.50	61.34	61.34
DISCCART	733621.38	4053756.50	61.34	61.34
DISCCART	733621.38	4053781.50	61.29	61.29
DISCCART	733621.38	4053806.50	61.28	61.28
DISCCART	733621.38	4053831.50	61.24	61.24
DISCCART	733621.38	4053856.50	61.24	61.24
DISCCART	733621.38	4053881.50	61.16	61.16
DISCCART	733621.38	4053906.50	61.14	61.14
DISCCART	733621.38	4053931.50	61.12	61.12
DISCCART	733621.38	4053956.50	61.14	61.14

DISCCART	733621.38	4053981.50	61.10	61.10
DISCCART	733621.38	4054006.50	61.05	61.05
DISCCART	733621.38	4054031.50	61.04	61.04
DISCCART	733621.38	4054056.50	60.95	60.95
DISCCART	733621.38	4054081.50	60.99	60.99
DISCCART	733621.38	4054106.50	60.94	60.94
DISCCART	733621.38	4054131.50	60.94	60.94
DISCCART	733621.38	4054156.50	60.94	60.94
DISCCART	733621.38	4054181.50	60.88	60.88
DISCCART	733621.38	4054206.50	60.84	60.84
DISCCART	733621.38	4054231.50	60.84	60.84
DISCCART	733621.38	4054256.50	60.84	60.84
DISCCART	733621.38	4054281.50	60.78	60.78
DISCCART	733621.38	4054306.50	60.75	60.75
DISCCART	733621.38	4054331.50	60.74	60.74
DISCCART	733621.38	4054356.50	60.74	60.74
DISCCART	733621.38	4054381.50	60.74	60.74
DISCCART	733621.38	4054406.50	60.67	60.67
DISCCART	733621.38	4054431.50	60.64	60.64
DISCCART	733621.38	4054456.50	60.64	60.64
DISCCART	733621.38	4054481.50	60.64	60.64
DISCCART	733621.38	4054506.50	60.64	60.64
DISCCART	733621.38	4054531.50	60.60	60.60
DISCCART	733621.38	4054556.50	60.54	60.54
DISCCART	733621.38	4054581.50	60.54	60.54
DISCCART	733621.38	4054606.50	60.54	60.54
DISCCART	733621.38	4054631.50	60.54	60.54
DISCCART	733621.38	4054656.50	60.54	60.54
DISCCART	733621.38	4054681.50	60.53	60.53
DISCCART	733621.38	4054706.50	60.47	60.47
DISCCART	733621.38	4054731.50	60.44	60.44
DISCCART	733621.38	4054756.50	60.44	60.44
DISCCART	733621.38	4054781.50	60.44	60.44
DISCCART	733621.38	4054806.50	60.44	60.44
DISCCART	733621.38	4054831.50	60.44	60.44
DISCCART	733621.38	4054856.50	60.38	60.38
DISCCART	733621.38	4054881.50	60.36	60.36
DISCCART	733621.38	4054906.50	60.34	60.34
DISCCART	733621.38	4054931.50	60.34	60.34
DISCCART	733621.38	4054956.50	60.34	60.34
DISCCART	733621.38	4054981.50	60.34	60.34
DISCCART	733621.38	4055006.50	60.34	60.34
DISCCART	733621.38	4055031.50	60.31	60.31
DISCCART	733621.38	4055056.50	60.29	60.29
DISCCART	733621.38	4055081.50	60.24	60.24
DISCCART	733621.38	4055106.50	60.24	60.24
DISCCART	733621.38	4055131.50	60.24	60.24
DISCCART	733621.38	4055156.50	60.24	60.24
DISCCART	733621.38	4055181.50	60.24	60.24
DISCCART	733621.38	4055206.50	60.24	60.24
DISCCART	733621.38	4055231.50	60.25	60.25
DISCCART	733621.38	4055256.50	60.18	60.18
DISCCART	733621.38	4055281.50	60.18	60.18
DISCCART	733621.38	4055306.50	60.19	60.19
DISCCART	733621.38	4055331.50	60.18	60.18
DISCCART	733646.38	4052331.50	64.28	64.28
DISCCART	733646.38	4052356.50	64.20	64.20
DISCCART	733646.38	4052381.50	64.12	64.12
DISCCART	733646.38	4052406.50	64.04	64.04
DISCCART	733646.38	4052431.50	63.95	63.95
DISCCART	733646.38	4052456.50	63.86	63.86
DISCCART	733646.38	4052481.50	63.82	63.82
DISCCART	733646.38	4052506.50	63.74	63.74
DISCCART	733646.38	4052531.50	63.64	63.64
DISCCART	733646.38	4052556.50	63.60	63.60
DISCCART	733646.38	4052581.50	63.54	63.54
DISCCART	733646.38	4052606.50	63.44	63.44
DISCCART	733646.38	4052631.50	63.36	63.36
DISCCART	733646.38	4052656.50	63.31	63.31
DISCCART	733646.38	4052681.50	63.24	63.24
DISCCART	733646.38	4052706.50	63.20	63.20
DISCCART	733646.38	4052731.50	63.14	63.14
DISCCART	733646.38	4052756.50	63.05	63.05
DISCCART	733646.38	4052781.50	63.02	63.02
DISCCART	733646.38	4052806.50	62.94	62.94
DISCCART	733646.38	4052831.50	62.88	62.88
DISCCART	733646.38	4052856.50	62.84	62.84
DISCCART	733646.38	4052881.50	62.74	62.74
DISCCART	733646.38	4052906.50	62.71	62.71
DISCCART	733646.38	4052931.50	62.64	62.64
DISCCART	733646.38	4052956.50	62.59	62.59
DISCCART	733646.38	4052981.50	62.54	62.54
DISCCART	733646.38	4053006.50	62.45	62.45
DISCCART	733646.38	4053031.50	62.44	62.44
DISCCART	733646.38	4053056.50	62.35	62.35
DISCCART	733646.38	4053081.50	62.34	62.34
DISCCART	733646.38	4053106.50	62.25	62.25
DISCCART	733646.38	4053131.50	62.24	62.24
DISCCART	733646.38	4053156.50	62.15	62.15
DISCCART	733646.38	4053181.50	62.14	62.14
DISCCART	733646.38	4053206.50	62.10	62.10
DISCCART	733646.38	4053231.50	62.04	62.04
DISCCART	733646.38	4053256.50	62.04	62.04
DISCCART	733646.38	4053281.50	61.94	61.94
DISCCART	733646.38	4053306.50	61.94	61.94
DISCCART	733646.38	4053331.50	61.87	61.87
DISCCART	733646.38	4053356.50	61.84	61.84
DISCCART	733646.38	4053381.50	61.83	61.83
DISCCART	733646.38	4053406.50	61.74	61.74
DISCCART	733646.38	4053431.50	61.74	61.74
DISCCART	733646.38	4053456.50	61.71	61.71
DISCCART	733646.38	4053481.50	61.64	61.64
DISCCART	733646.38	4053506.50	61.64	61.64
DISCCART	733646.38	4053531.50	61.55	61.55
DISCCART	733646.38	4053556.50	61.54	61.54
DISCCART	733646.38	4053581.50	61.54	61.54
DISCCART	733646.38	4053606.50	61.46	61.46
DISCCART	733646.38	4053631.50	61.44	61.44
DISCCART	733646.38	4053656.50	61.44	61.44
DISCCART	733646.38	4053681.50	61.37	61.37
DISCCART	733646.38	4053706.50	61.34	61.34
DISCCART	733646.38	4053731.50	61.34	61.34
DISCCART	733646.38	4053756.50	61.24	61.24
DISCCART	733646.38	4053781.50	61.24	61.24
DISCCART	733646.38	4053806.50	61.24	61.24

DISCCART	733646.38	4053831.50	61.24	61.24
DISCCART	733646.38	4053856.50	61.15	61.15
DISCCART	733646.38	4053881.50	61.14	61.14
DISCCART	733646.38	4053906.50	61.09	61.09
DISCCART	733646.38	4053931.50	61.05	61.05
DISCCART	733646.38	4053956.50	61.07	61.07
DISCCART	733646.38	4053981.50	61.04	61.04
DISCCART	733646.38	4054006.50	61.04	61.04
DISCCART	733646.38	4054031.50	61.03	61.03
DISCCART	733646.38	4054056.50	60.85	60.85
DISCCART	733646.38	4054081.50	60.94	60.94
DISCCART	733646.38	4054106.50	60.94	60.94
DISCCART	733646.38	4054131.50	60.93	60.93
DISCCART	733646.38	4054156.50	60.85	60.85
DISCCART	733646.38	4054181.50	60.82	60.82
DISCCART	733646.38	4054206.50	60.76	60.76
DISCCART	733646.38	4054231.50	60.76	60.76
DISCCART	733646.38	4054256.50	60.74	60.74
DISCCART	733646.38	4054281.50	60.74	60.74
DISCCART	733646.38	4054306.50	60.74	60.74
DISCCART	733646.38	4054331.50	60.73	60.73
DISCCART	733646.38	4054356.50	60.65	60.65
DISCCART	733646.38	4054381.50	60.64	60.64
DISCCART	733646.38	4054406.50	60.64	60.64
DISCCART	733646.38	4054431.50	60.64	60.64
DISCCART	733646.38	4054456.50	60.64	60.64
DISCCART	733646.38	4054481.50	60.62	60.62
DISCCART	733646.38	4054506.50	60.56	60.56
DISCCART	733646.38	4054531.50	60.54	60.54
DISCCART	733646.38	4054556.50	60.54	60.54
DISCCART	733646.38	4054581.50	60.54	60.54
DISCCART	733646.38	4054606.50	60.54	60.54
DISCCART	733646.38	4054631.50	60.52	60.52
DISCCART	733646.38	4054656.50	60.44	60.44
DISCCART	733646.38	4054681.50	60.44	60.44
DISCCART	733646.38	4054706.50	60.44	60.44
DISCCART	733646.38	4054731.50	60.44	60.44
DISCCART	733646.38	4054756.50	60.44	60.44
DISCCART	733646.38	4054781.50	60.42	60.42
DISCCART	733646.38	4054806.50	60.40	60.40
DISCCART	733646.38	4054831.50	60.34	60.34
DISCCART	733646.38	4054856.50	60.34	60.34
DISCCART	733646.38	4054881.50	60.34	60.34
DISCCART	733646.38	4054906.50	60.34	60.34
DISCCART	733646.38	4054931.50	60.34	60.34
DISCCART	733646.38	4054956.50	60.33	60.33
DISCCART	733646.38	4054981.50	60.24	60.24
DISCCART	733646.38	4055006.50	60.24	60.24
DISCCART	733646.38	4055031.50	60.24	60.24
DISCCART	733646.38	4055056.50	60.24	60.24
DISCCART	733646.38	4055081.50	60.24	60.24
DISCCART	733646.38	4055106.50	60.24	60.24
DISCCART	733646.38	4055131.50	60.22	60.22
DISCCART	733646.38	4055156.50	60.20	60.20
DISCCART	733646.38	4055181.50	60.16	60.16
DISCCART	733646.38	4055206.50	60.14	60.14
DISCCART	733646.38	4055231.50	60.14	60.14
DISCCART	733646.38	4055256.50	60.14	60.14
DISCCART	733646.38	4055281.50	60.14	60.14
DISCCART	733646.38	4055306.50	60.14	60.14
DISCCART	733646.38	4055331.50	60.14	60.14
DISCCART	733671.38	4052331.50	64.26	64.26
DISCCART	733671.38	4052356.50	64.18	64.18
DISCCART	733671.38	4052381.50	64.09	64.09
DISCCART	733671.38	4052406.50	63.97	63.97
DISCCART	733671.38	4052431.50	63.93	63.93
DISCCART	733671.38	4052456.50	63.84	63.84
DISCCART	733671.38	4052481.50	63.75	63.75
DISCCART	733671.38	4052506.50	63.70	63.70
DISCCART	733671.38	4052531.50	63.64	63.64
DISCCART	733671.38	4052556.50	63.55	63.55
DISCCART	733671.38	4052581.50	63.46	63.46
DISCCART	733671.38	4052606.50	63.42	63.42
DISCCART	733671.38	4052631.50	63.34	63.34
DISCCART	733671.38	4052656.50	63.24	63.24
DISCCART	733671.38	4052681.50	63.23	63.23
DISCCART	733671.38	4052706.50	63.14	63.14
DISCCART	733671.38	4052731.50	63.09	63.09
DISCCART	733671.38	4052756.50	63.04	63.04
DISCCART	733671.38	4052781.50	62.96	62.96
DISCCART	733671.38	4052806.50	62.92	62.92
DISCCART	733671.38	4052831.50	62.84	62.84
DISCCART	733671.38	4052856.50	62.80	62.80
DISCCART	733671.38	4052881.50	62.74	62.74
DISCCART	733671.38	4052906.50	62.65	62.65
DISCCART	733671.38	4052931.50	62.64	62.64
DISCCART	733671.38	4052956.50	62.54	62.54
DISCCART	733671.38	4052981.50	62.46	62.46
DISCCART	733671.38	4053006.50	62.44	62.44
DISCCART	733671.38	4053031.50	62.36	62.36
DISCCART	733671.38	4053056.50	62.34	62.34
DISCCART	733671.38	4053081.50	62.26	62.26
DISCCART	733671.38	4053106.50	62.24	62.24
DISCCART	733671.38	4053131.50	62.19	62.19
DISCCART	733671.38	4053156.50	62.14	62.14
DISCCART	733671.38	4053181.50	62.10	62.10
DISCCART	733671.38	4053206.50	62.04	62.04
DISCCART	733671.38	4053231.50	62.04	62.04
DISCCART	733671.38	4053256.50	61.95	61.95
DISCCART	733671.38	4053281.50	61.94	61.94
DISCCART	733671.38	4053306.50	61.87	61.87
DISCCART	733671.38	4053331.50	61.84	61.84
DISCCART	733671.38	4053356.50	61.83	61.83
DISCCART	733671.38	4053381.50	61.74	61.74
DISCCART	733671.38	4053406.50	61.74	61.74
DISCCART	733671.38	4053431.50	61.70	61.70
DISCCART	733671.38	4053456.50	61.64	61.64
DISCCART	733671.38	4053481.50	61.64	61.64
DISCCART	733671.38	4053506.50	61.55	61.55
DISCCART	733671.38	4053531.50	61.54	61.54
DISCCART	733671.38	4053556.50	61.52	61.52
DISCCART	733671.38	4053581.50	61.44	61.44
DISCCART	733671.38	4053606.50	61.44	61.44
DISCCART	733671.38	4053631.50	61.44	61.44
DISCCART	733671.38	4053656.50	61.37	61.37

DISCCART	733671.38	4053681.50	61.34	61.34
DISCCART	733671.38	4053706.50	61.34	61.34
DISCCART	733671.38	4053731.50	61.25	61.25
DISCCART	733671.38	4053756.50	61.24	61.24
DISCCART	733671.38	4053781.50	61.24	61.24
DISCCART	733671.38	4053806.50	61.14	61.14
DISCCART	733671.38	4053831.50	61.14	61.14
DISCCART	733671.38	4053856.50	61.14	61.14
DISCCART	733671.38	4053881.50	61.13	61.13
DISCCART	733671.38	4053906.50	61.04	61.04
DISCCART	733671.38	4053931.50	60.98	60.98
DISCCART	733671.38	4053956.50	61.00	61.00
DISCCART	733671.38	4053981.50	61.04	61.04
DISCCART	733671.38	4054006.50	60.99	60.99
DISCCART	733671.38	4054031.50	60.94	60.94
DISCCART	733671.38	4054056.50	60.85	60.85
DISCCART	733671.38	4054081.50	60.94	60.94
DISCCART	733671.38	4054106.50	60.88	60.88
DISCCART	733671.38	4054131.50	60.84	60.84
DISCCART	733671.38	4054156.50	60.84	60.84
DISCCART	733671.38	4054181.50	60.74	60.74
DISCCART	733671.38	4054206.50	60.74	60.74
DISCCART	733671.38	4054231.50	60.74	60.74
DISCCART	733671.38	4054256.50	60.74	60.74
DISCCART	733671.38	4054281.50	60.74	60.74
DISCCART	733671.38	4054306.50	60.67	60.67
DISCCART	733671.38	4054331.50	60.64	60.64
DISCCART	733671.38	4054356.50	60.64	60.64
DISCCART	733671.38	4054381.50	60.64	60.64
DISCCART	733671.38	4054406.50	60.64	60.64
DISCCART	733671.38	4054431.50	60.60	60.60
DISCCART	733671.38	4054456.50	60.54	60.54
DISCCART	733671.38	4054481.50	60.54	60.54
DISCCART	733671.38	4054506.50	60.54	60.54
DISCCART	733671.38	4054531.50	60.54	60.54
DISCCART	733671.38	4054556.50	60.53	60.53
DISCCART	733671.38	4054581.50	60.48	60.48
DISCCART	733671.38	4054606.50	60.44	60.44
DISCCART	733671.38	4054631.50	60.44	60.44
DISCCART	733671.38	4054656.50	60.44	60.44
DISCCART	733671.38	4054681.50	60.44	60.44
DISCCART	733671.38	4054706.50	60.44	60.44
DISCCART	733671.38	4054731.50	60.40	60.40
DISCCART	733671.38	4054756.50	60.34	60.34
DISCCART	733671.38	4054781.50	60.34	60.34
DISCCART	733671.38	4054806.50	60.34	60.34
DISCCART	733671.38	4054831.50	60.34	60.34
DISCCART	733671.38	4054856.50	60.34	60.34
DISCCART	733671.38	4054881.50	60.34	60.34
DISCCART	733671.38	4054906.50	60.27	60.27
DISCCART	733671.38	4054931.50	60.24	60.24
DISCCART	733671.38	4054956.50	60.24	60.24
DISCCART	733671.38	4054981.50	60.24	60.24
DISCCART	733671.38	4055006.50	60.24	60.24
DISCCART	733671.38	4055031.50	60.24	60.24
DISCCART	733671.38	4055056.50	60.24	60.24
DISCCART	733671.38	4055081.50	60.19	60.19
DISCCART	733671.38	4055106.50	60.15	60.15
DISCCART	733671.38	4055131.50	60.14	60.14
DISCCART	733671.38	4055156.50	60.14	60.14
DISCCART	733671.38	4055181.50	60.14	60.14
DISCCART	733671.38	4055206.50	60.14	60.14
DISCCART	733671.38	4055231.50	60.14	60.14
DISCCART	733671.38	4055256.50	60.14	60.14
DISCCART	733671.38	4055281.50	60.14	60.14
DISCCART	733671.38	4055306.50	60.13	60.13
DISCCART	733671.38	4055331.50	60.12	60.12
DISCCART	733696.38	4052331.50	64.19	64.19
DISCCART	733696.38	4052356.50	64.14	64.14
DISCCART	733696.38	4052381.50	64.05	64.05
DISCCART	733696.38	4052406.50	63.95	63.95
DISCCART	733696.38	4052431.50	63.88	63.88
DISCCART	733696.38	4052456.50	63.80	63.80
DISCCART	733696.38	4052481.50	63.74	63.74
DISCCART	733696.38	4052506.50	63.65	63.65
DISCCART	733696.38	4052531.50	63.56	63.56
DISCCART	733696.38	4052556.50	63.51	63.51
DISCCART	733696.38	4052581.50	63.44	63.44
DISCCART	733696.38	4052606.50	63.34	63.34
DISCCART	733696.38	4052631.50	63.28	63.28
DISCCART	733696.38	4052656.50	63.24	63.24
DISCCART	733696.38	4052681.50	63.15	63.15
DISCCART	733696.38	4052706.50	63.12	63.12
DISCCART	733696.38	4052731.50	63.04	63.04
DISCCART	733696.38	4052756.50	62.96	62.96
DISCCART	733696.38	4052781.50	62.94	62.94
DISCCART	733696.38	4052806.50	62.85	62.85
DISCCART	733696.38	4052831.50	62.83	62.83
DISCCART	733696.38	4052856.50	62.74	62.74
DISCCART	733696.38	4052881.50	62.73	62.73
DISCCART	733696.38	4052906.50	62.64	62.64
DISCCART	733696.38	4052931.50	62.54	62.54
DISCCART	733696.38	4052956.50	62.52	62.52
DISCCART	733696.38	4052981.50	62.44	62.44
DISCCART	733696.38	4053006.50	62.41	62.41
DISCCART	733696.38	4053031.50	62.34	62.34
DISCCART	733696.38	4053056.50	62.31	62.31
DISCCART	733696.38	4053081.50	62.24	62.24
DISCCART	733696.38	4053106.50	62.20	62.20
DISCCART	733696.38	4053131.50	62.14	62.14
DISCCART	733696.38	4053156.50	62.10	62.10
DISCCART	733696.38	4053181.50	62.04	62.04
DISCCART	733696.38	4053206.50	62.04	62.04
DISCCART	733696.38	4053231.50	61.94	61.94
DISCCART	733696.38	4053256.50	61.94	61.94
DISCCART	733696.38	4053281.50	61.86	61.86
DISCCART	733696.38	4053306.50	61.84	61.84
DISCCART	733696.38	4053331.50	61.82	61.82
DISCCART	733696.38	4053356.50	61.74	61.74
DISCCART	733696.38	4053381.50	61.74	61.74
DISCCART	733696.38	4053406.50	61.71	61.71
DISCCART	733696.38	4053431.50	61.64	61.64
DISCCART	733696.38	4053456.50	61.64	61.64
DISCCART	733696.38	4053481.50	61.58	61.58
DISCCART	733696.38	4053506.50	61.54	61.54

DISCCART	733696.38	4053531.50	61.54	61.54
DISCCART	733696.38	4053556.50	61.45	61.45
DISCCART	733696.38	4053581.50	61.44	61.44
DISCCART	733696.38	4053606.50	61.40	61.40
DISCCART	733696.38	4053631.50	61.36	61.36
DISCCART	733696.38	4053656.50	61.34	61.34
DISCCART	733696.38	4053681.50	61.34	61.34
DISCCART	733696.38	4053706.50	61.31	61.31
DISCCART	733696.38	4053731.50	61.24	61.24
DISCCART	733696.38	4053756.50	61.24	61.24
DISCCART	733696.38	4053781.50	61.18	61.18
DISCCART	733696.38	4053806.50	61.14	61.14
DISCCART	733696.38	4053831.50	61.09	61.09
DISCCART	733696.38	4053856.50	61.08	61.08
DISCCART	733696.38	4053881.50	61.07	61.07
DISCCART	733696.38	4053906.50	61.03	61.03
DISCCART	733696.38	4053931.50	60.94	60.94
DISCCART	733696.38	4053956.50	60.90	60.90
DISCCART	733696.38	4053981.50	60.95	60.95
DISCCART	733696.38	4054006.50	60.94	60.94
DISCCART	733696.38	4054031.50	60.94	60.94
DISCCART	733696.38	4054056.50	60.75	60.75
DISCCART	733696.38	4054081.50	60.84	60.84
DISCCART	733696.38	4054106.50	60.84	60.84
DISCCART	733696.38	4054131.50	60.84	60.84
DISCCART	733696.38	4054156.50	60.80	60.80
DISCCART	733696.38	4054181.50	60.74	60.74
DISCCART	733696.38	4054206.50	60.74	60.74
DISCCART	733696.38	4054231.50	60.74	60.74
DISCCART	733696.38	4054256.50	60.74	60.74
DISCCART	733696.38	4054281.50	60.65	60.65
DISCCART	733696.38	4054306.50	60.64	60.64
DISCCART	733696.38	4054331.50	60.64	60.64
DISCCART	733696.38	4054356.50	60.64	60.64
DISCCART	733696.38	4054381.50	60.63	60.63
DISCCART	733696.38	4054406.50	60.55	60.55
DISCCART	733696.38	4054431.50	60.54	60.54
DISCCART	733696.38	4054456.50	60.54	60.54
DISCCART	733696.38	4054481.50	60.54	60.54
DISCCART	733696.38	4054506.50	60.51	60.51
DISCCART	733696.38	4054531.50	60.46	60.46
DISCCART	733696.38	4054556.50	60.44	60.44
DISCCART	733696.38	4054581.50	60.44	60.44
DISCCART	733696.38	4054606.50	60.44	60.44
DISCCART	733696.38	4054631.50	60.44	60.44
DISCCART	733696.38	4054656.50	60.43	60.43
DISCCART	733696.38	4054681.50	60.35	60.35
DISCCART	733696.38	4054706.50	60.34	60.34
DISCCART	733696.38	4054731.50	60.34	60.34
DISCCART	733696.38	4054756.50	60.34	60.34
DISCCART	733696.38	4054781.50	60.34	60.34
DISCCART	733696.38	4054806.50	60.34	60.34
DISCCART	733696.38	4054831.50	60.32	60.32
DISCCART	733696.38	4054856.50	60.26	60.26
DISCCART	733696.38	4054881.50	60.24	60.24
DISCCART	733696.38	4054906.50	60.24	60.24
DISCCART	733696.38	4054931.50	60.24	60.24
DISCCART	733696.38	4054956.50	60.24	60.24
DISCCART	733696.38	4054981.50	60.23	60.23
DISCCART	733696.38	4055006.50	60.16	60.16
DISCCART	733696.38	4055031.50	60.15	60.15
DISCCART	733696.38	4055056.50	60.14	60.14
DISCCART	733696.38	4055081.50	60.14	60.14
DISCCART	733696.38	4055106.50	60.14	60.14
DISCCART	733696.38	4055131.50	60.14	60.14
DISCCART	733696.38	4055156.50	60.14	60.14
DISCCART	733696.38	4055181.50	60.12	60.12
DISCCART	733696.38	4055206.50	60.11	60.11
DISCCART	733696.38	4055231.50	60.05	60.05
DISCCART	733696.38	4055256.50	60.04	60.04
DISCCART	733696.38	4055281.50	60.04	60.04
DISCCART	733696.38	4055306.50	60.04	60.04
DISCCART	733696.38	4055331.50	60.04	60.04
DISCCART	733721.38	4052331.50	64.18	64.18
DISCCART	733721.38	4052356.50	64.05	64.05
DISCCART	733721.38	4052381.50	63.98	63.98
DISCCART	733721.38	4052406.50	63.92	63.92
DISCCART	733721.38	4052431.50	63.84	63.84
DISCCART	733721.38	4052456.50	63.76	63.76
DISCCART	733721.38	4052481.50	63.66	63.66
DISCCART	733721.38	4052506.50	63.62	63.62
DISCCART	733721.38	4052531.50	63.54	63.54
DISCCART	733721.38	4052556.50	63.44	63.44
DISCCART	733721.38	4052581.50	63.40	63.40
DISCCART	733721.38	4052606.50	63.34	63.34
DISCCART	733721.38	4052631.50	63.24	63.24
DISCCART	733721.38	4052656.50	63.22	63.22
DISCCART	733721.38	4052681.50	63.14	63.14
DISCCART	733721.38	4052706.50	63.05	63.05
DISCCART	733721.38	4052731.50	63.03	63.03
DISCCART	733721.38	4052756.50	62.94	62.94
DISCCART	733721.38	4052781.50	62.88	62.88
DISCCART	733721.38	4052806.50	62.84	62.84
DISCCART	733721.38	4052831.50	62.75	62.75
DISCCART	733721.38	4052856.50	62.72	62.72
DISCCART	733721.38	4052881.50	62.64	62.64
DISCCART	733721.38	4052906.50	62.58	62.58
DISCCART	733721.38	4052931.50	62.54	62.54
DISCCART	733721.38	4052956.50	62.44	62.44
DISCCART	733721.38	4052981.50	62.44	62.44
DISCCART	733721.38	4053006.50	62.34	62.34
DISCCART	733721.38	4053031.50	62.33	62.33
DISCCART	733721.38	4053056.50	62.24	62.24
DISCCART	733721.38	4053081.50	62.20	62.20
DISCCART	733721.38	4053106.50	62.14	62.14
DISCCART	733721.38	4053131.50	62.10	62.10
DISCCART	733721.38	4053156.50	62.04	62.04
DISCCART	733721.38	4053181.50	62.04	62.04
DISCCART	733721.38	4053206.50	61.95	61.95
DISCCART	733721.38	4053231.50	61.94	61.94
DISCCART	733721.38	4053256.50	61.84	61.84
DISCCART	733721.38	4053281.50	61.84	61.84
DISCCART	733721.38	4053306.50	61.78	61.78
DISCCART	733721.38	4053331.50	61.74	61.74
DISCCART	733721.38	4053356.50	61.74	61.74

DISCCART	733721.38	4053381.50	61.70	61.70
DISCCART	733721.38	4053406.50	61.64	61.64
DISCCART	733721.38	4053431.50	61.64	61.64
DISCCART	733721.38	4053456.50	61.57	61.57
DISCCART	733721.38	4053481.50	61.54	61.54
DISCCART	733721.38	4053506.50	61.54	61.54
DISCCART	733721.38	4053531.50	61.45	61.45
DISCCART	733721.38	4053556.50	61.44	61.44
DISCCART	733721.38	4053581.50	61.44	61.44
DISCCART	733721.38	4053606.50	61.34	61.34
DISCCART	733721.38	4053631.50	61.34	61.34
DISCCART	733721.38	4053656.50	61.27	61.27
DISCCART	733721.38	4053681.50	61.25	61.25
DISCCART	733721.38	4053706.50	61.24	61.24
DISCCART	733721.38	4053731.50	61.24	61.24
DISCCART	733721.38	4053756.50	61.17	61.17
DISCCART	733721.38	4053781.50	61.14	61.14
DISCCART	733721.38	4053806.50	61.13	61.13
DISCCART	733721.38	4053831.50	61.04	61.04
DISCCART	733721.38	4053856.50	61.02	61.02
DISCCART	733721.38	4053881.50	60.97	60.97
DISCCART	733721.38	4053906.50	60.98	60.98
DISCCART	733721.38	4053931.50	60.94	60.94
DISCCART	733721.38	4053956.50	60.84	60.84
DISCCART	733721.38	4053981.50	60.93	60.93
DISCCART	733721.38	4054006.50	60.94	60.94
DISCCART	733721.38	4054031.50	60.85	60.85
DISCCART	733721.38	4054056.50	60.74	60.74
DISCCART	733721.38	4054081.50	60.84	60.84
DISCCART	733721.38	4054106.50	60.84	60.84
DISCCART	733721.38	4054131.50	60.78	60.78
DISCCART	733721.38	4054156.50	60.69	60.69
DISCCART	733721.38	4054181.50	60.74	60.74
DISCCART	733721.38	4054206.50	60.72	60.72
DISCCART	733721.38	4054231.50	60.68	60.68
DISCCART	733721.38	4054256.50	60.64	60.64
DISCCART	733721.38	4054281.50	60.64	60.64
DISCCART	733721.38	4054306.50	60.64	60.64
DISCCART	733721.38	4054331.50	60.64	60.64
DISCCART	733721.38	4054356.50	60.57	60.57
DISCCART	733721.38	4054381.50	60.54	60.54
DISCCART	733721.38	4054406.50	60.54	60.54
DISCCART	733721.38	4054431.50	60.54	60.54
DISCCART	733721.38	4054456.50	60.53	60.53
DISCCART	733721.38	4054481.50	60.46	60.46
DISCCART	733721.38	4054506.50	60.44	60.44
DISCCART	733721.38	4054531.50	60.44	60.44
DISCCART	733721.38	4054556.50	60.44	60.44
DISCCART	733721.38	4054581.50	60.44	60.44
DISCCART	733721.38	4054606.50	60.38	60.38
DISCCART	733721.38	4054631.50	60.34	60.34
DISCCART	733721.38	4054656.50	60.34	60.34
DISCCART	733721.38	4054681.50	60.34	60.34
DISCCART	733721.38	4054706.50	60.34	60.34
DISCCART	733721.38	4054731.50	60.34	60.34
DISCCART	733721.38	4054756.50	60.32	60.32
DISCCART	733721.38	4054781.50	60.28	60.28
DISCCART	733721.38	4054806.50	60.24	60.24
DISCCART	733721.38	4054831.50	60.24	60.24
DISCCART	733721.38	4054856.50	60.24	60.24
DISCCART	733721.38	4054881.50	60.24	60.24
DISCCART	733721.38	4054906.50	60.24	60.24
DISCCART	733721.38	4054931.50	60.18	60.18
DISCCART	733721.38	4054956.50	60.15	60.15
DISCCART	733721.38	4054981.50	60.14	60.14
DISCCART	733721.38	4055006.50	60.14	60.14
DISCCART	733721.38	4055031.50	60.14	60.14
DISCCART	733721.38	4055056.50	60.14	60.14
DISCCART	733721.38	4055081.50	60.14	60.14
DISCCART	733721.38	4055106.50	60.09	60.09
DISCCART	733721.38	4055131.50	60.05	60.05
DISCCART	733721.38	4055156.50	60.04	60.04
DISCCART	733721.38	4055181.50	60.04	60.04
DISCCART	733721.38	4055206.50	60.04	60.04
DISCCART	733721.38	4055231.50	60.04	60.04
DISCCART	733721.38	4055256.50	60.04	60.04
DISCCART	733721.38	4055281.50	60.04	60.04
DISCCART	733721.38	4055306.50	60.04	60.04
DISCCART	733721.38	4055331.50	60.04	60.04
DISCCART	733746.38	4052331.50	64.12	64.12
DISCCART	733746.38	4052356.50	64.04	64.04
DISCCART	733746.38	4052381.50	63.94	63.94
DISCCART	733746.38	4052406.50	63.86	63.86
DISCCART	733746.38	4052431.50	63.78	63.78
DISCCART	733746.38	4052456.50	63.74	63.74
DISCCART	733746.38	4052481.50	63.64	63.64
DISCCART	733746.38	4052506.50	63.55	63.55
DISCCART	733746.38	4052531.50	63.47	63.47
DISCCART	733746.38	4052556.50	63.44	63.44
DISCCART	733746.38	4052581.50	63.34	63.34
DISCCART	733746.38	4052606.50	63.25	63.25
DISCCART	733746.38	4052631.50	63.24	63.24
DISCCART	733746.38	4052656.50	63.14	63.14
DISCCART	733746.38	4052681.50	63.09	63.09
DISCCART	733746.38	4052706.50	63.04	63.04
DISCCART	733746.38	4052731.50	62.95	62.95
DISCCART	733746.38	4052756.50	62.94	62.94
DISCCART	733746.38	4052781.50	62.84	62.84
DISCCART	733746.38	4052806.50	62.80	62.80
DISCCART	733746.38	4052831.50	62.74	62.74
DISCCART	733746.38	4052856.50	62.65	62.65
DISCCART	733746.38	4052881.50	62.63	62.63
DISCCART	733746.38	4052906.50	62.54	62.54
DISCCART	733746.38	4052931.50	62.47	62.47
DISCCART	733746.38	4052956.50	62.44	62.44
DISCCART	733746.38	4052981.50	62.35	62.35
DISCCART	733746.38	4053006.50	62.34	62.34
DISCCART	733746.38	4053031.50	62.25	62.25
DISCCART	733746.38	4053056.50	62.24	62.24
DISCCART	733746.38	4053081.50	62.14	62.14
DISCCART	733746.38	4053106.50	62.14	62.14
DISCCART	733746.38	4053131.50	62.04	62.04
DISCCART	733746.38	4053156.50	62.04	62.04
DISCCART	733746.38	4053181.50	61.94	61.94
DISCCART	733746.38	4053206.50	61.94	61.94

DISCCART	733746.38	4053231.50	61.84	61.84
DISCCART	733746.38	4053256.50	61.84	61.84
DISCCART	733746.38	4053281.50	61.77	61.77
DISCCART	733746.38	4053306.50	61.74	61.74
DISCCART	733746.38	4053331.50	61.74	61.74
DISCCART	733746.38	4053356.50	61.71	61.71
DISCCART	733746.38	4053381.50	61.64	61.64
DISCCART	733746.38	4053406.50	61.64	61.64
DISCCART	733746.38	4053431.50	61.58	61.58
DISCCART	733746.38	4053456.50	61.54	61.54
DISCCART	733746.38	4053481.50	61.54	61.54
DISCCART	733746.38	4053506.50	61.46	61.46
DISCCART	733746.38	4053531.50	61.44	61.44
DISCCART	733746.38	4053556.50	61.43	61.43
DISCCART	733746.38	4053581.50	61.34	61.34
DISCCART	733746.38	4053606.50	61.34	61.34
DISCCART	733746.38	4053631.50	61.33	61.33
DISCCART	733746.38	4053656.50	61.24	61.24
DISCCART	733746.38	4053681.50	61.24	61.24
DISCCART	733746.38	4053706.50	61.21	61.21
DISCCART	733746.38	4053731.50	61.14	61.14
DISCCART	733746.38	4053756.50	61.14	61.14
DISCCART	733746.38	4053781.50	61.14	61.14
DISCCART	733746.38	4053806.50	61.06	61.06
DISCCART	733746.38	4053831.50	61.04	61.04
DISCCART	733746.38	4053856.50	60.95	60.95
DISCCART	733746.38	4053881.50	60.94	60.94
DISCCART	733746.38	4053906.50	60.88	60.88
DISCCART	733746.38	4053931.50	60.93	60.93
DISCCART	733746.38	4053956.50	60.84	60.84
DISCCART	733746.38	4053981.50	60.74	60.74
DISCCART	733746.38	4054006.50	60.84	60.84
DISCCART	733746.38	4054031.50	60.84	60.84
DISCCART	733746.38	4054056.50	60.74	60.74
DISCCART	733746.38	4054081.50	60.82	60.82
DISCCART	733746.38	4054106.50	60.74	60.74
DISCCART	733746.38	4054131.50	60.69	60.69
DISCCART	733746.38	4054156.50	60.64	60.64
DISCCART	733746.38	4054181.50	60.64	60.64
DISCCART	733746.38	4054206.50	60.64	60.64
DISCCART	733746.38	4054231.50	60.64	60.64
DISCCART	733746.38	4054256.50	60.64	60.64
DISCCART	733746.38	4054281.50	60.63	60.63
DISCCART	733746.38	4054306.50	60.56	60.56
DISCCART	733746.38	4054331.50	60.54	60.54
DISCCART	733746.38	4054356.50	60.54	60.54
DISCCART	733746.38	4054381.50	60.54	60.54
DISCCART	733746.38	4054406.50	60.52	60.52
DISCCART	733746.38	4054431.50	60.45	60.45
DISCCART	733746.38	4054456.50	60.44	60.44
DISCCART	733746.38	4054481.50	60.44	60.44
DISCCART	733746.38	4054506.50	60.44	60.44
DISCCART	733746.38	4054531.50	60.43	60.43
DISCCART	733746.38	4054556.50	60.36	60.36
DISCCART	733746.38	4054581.50	60.34	60.34
DISCCART	733746.38	4054606.50	60.34	60.34
DISCCART	733746.38	4054631.50	60.34	60.34
DISCCART	733746.38	4054656.50	60.34	60.34
DISCCART	733746.38	4054681.50	60.33	60.33
DISCCART	733746.38	4054706.50	60.26	60.26
DISCCART	733746.38	4054731.50	60.24	60.24
DISCCART	733746.38	4054756.50	60.24	60.24
DISCCART	733746.38	4054781.50	60.24	60.24
DISCCART	733746.38	4054806.50	60.24	60.24
DISCCART	733746.38	4054831.50	60.24	60.24
DISCCART	733746.38	4054856.50	60.22	60.22
DISCCART	733746.38	4054881.50	60.15	60.15
DISCCART	733746.38	4054906.50	60.14	60.14
DISCCART	733746.38	4054931.50	60.14	60.14
DISCCART	733746.38	4054956.50	60.14	60.14
DISCCART	733746.38	4054981.50	60.14	60.14
DISCCART	733746.38	4055006.50	60.14	60.14
DISCCART	733746.38	4055031.50	60.12	60.12
DISCCART	733746.38	4055056.50	60.06	60.06
DISCCART	733746.38	4055081.50	60.04	60.04
DISCCART	733746.38	4055106.50	60.04	60.04
DISCCART	733746.38	4055131.50	60.04	60.04
DISCCART	733746.38	4055156.50	60.04	60.04
DISCCART	733746.38	4055181.50	60.04	60.04
DISCCART	733746.38	4055206.50	60.04	60.04
DISCCART	733746.38	4055231.50	60.03	60.03
DISCCART	733746.38	4055256.50	59.97	59.97
DISCCART	733746.38	4055281.50	59.98	59.98
DISCCART	733746.38	4055306.50	59.95	59.95
DISCCART	733746.38	4055331.50	59.95	59.95
DISCCART	733771.38	4052331.50	64.04	64.04
DISCCART	733771.38	4052356.50	63.98	63.98
DISCCART	733771.38	4052381.50	63.93	63.93
DISCCART	733771.38	4052406.50	63.82	63.82
DISCCART	733771.38	4052431.50	63.74	63.74
DISCCART	733771.38	4052456.50	63.67	63.67
DISCCART	733771.38	4052481.50	63.60	63.60
DISCCART	733771.38	4052506.50	63.54	63.54
DISCCART	733771.38	4052531.50	63.44	63.44
DISCCART	733771.38	4052556.50	63.38	63.38
DISCCART	733771.38	4052581.50	63.34	63.34
DISCCART	733771.38	4052606.50	63.24	63.24
DISCCART	733771.38	4052631.50	63.16	63.16
DISCCART	733771.38	4052656.50	63.13	63.13
DISCCART	733771.38	4052681.50	63.04	63.04
DISCCART	733771.38	4052706.50	62.97	62.97
DISCCART	733771.38	4052731.50	62.94	62.94
DISCCART	733771.38	4052756.50	62.85	62.85
DISCCART	733771.38	4052781.50	62.84	62.84
DISCCART	733771.38	4052806.50	62.74	62.74
DISCCART	733771.38	4052831.50	62.66	62.66
DISCCART	733771.38	4052856.50	62.64	62.64
DISCCART	733771.38	4052881.50	62.54	62.54
DISCCART	733771.38	4052906.50	62.48	62.48
DISCCART	733771.38	4052931.50	62.44	62.44
DISCCART	733771.38	4052956.50	62.38	62.38
DISCCART	733771.38	4052981.50	62.34	62.34
DISCCART	733771.38	4053006.50	62.27	62.27
DISCCART	733771.38	4053031.50	62.24	62.24
DISCCART	733771.38	4053056.50	62.17	62.17

DISCCART	733771.38	4053081.50	62.14	62.14
DISCCART	733771.38	4053106.50	62.05	62.05
DISCCART	733771.38	4053131.50	62.04	62.04
DISCCART	733771.38	4053156.50	61.95	61.95
DISCCART	733771.38	4053181.50	61.94	61.94
DISCCART	733771.38	4053206.50	61.84	61.84
DISCCART	733771.38	4053231.50	61.84	61.84
DISCCART	733771.38	4053256.50	61.78	61.78
DISCCART	733771.38	4053281.50	61.74	61.74
DISCCART	733771.38	4053306.50	61.74	61.74
DISCCART	733771.38	4053331.50	61.66	61.66
DISCCART	733771.38	4053356.50	61.64	61.64
DISCCART	733771.38	4053381.50	61.64	61.64
DISCCART	733771.38	4053406.50	61.57	61.57
DISCCART	733771.38	4053431.50	61.54	61.54
DISCCART	733771.38	4053456.50	61.54	61.54
DISCCART	733771.38	4053481.50	61.45	61.45
DISCCART	733771.38	4053506.50	61.44	61.44
DISCCART	733771.38	4053531.50	61.44	61.44
DISCCART	733771.38	4053556.50	61.35	61.35
DISCCART	733771.38	4053581.50	61.34	61.34
DISCCART	733771.38	4053606.50	61.33	61.33
DISCCART	733771.38	4053631.50	61.24	61.24
DISCCART	733771.38	4053656.50	61.24	61.24
DISCCART	733771.38	4053681.50	61.20	61.20
DISCCART	733771.38	4053706.50	61.14	61.14
DISCCART	733771.38	4053731.50	61.14	61.14
DISCCART	733771.38	4053756.50	61.05	61.05
DISCCART	733771.38	4053781.50	61.04	61.04
DISCCART	733771.38	4053806.50	61.01	61.01
DISCCART	733771.38	4053831.50	61.00	61.00
DISCCART	733771.38	4053856.50	60.94	60.94
DISCCART	733771.38	4053881.50	60.87	60.87
DISCCART	733771.38	4053906.50	60.84	60.84
DISCCART	733771.38	4053931.50	60.78	60.78
DISCCART	733771.38	4053956.50	60.81	60.81
DISCCART	733771.38	4053981.50	60.74	60.74
DISCCART	733771.38	4054006.50	60.75	60.75
DISCCART	733771.38	4054031.50	60.84	60.84
DISCCART	733771.38	4054056.50	60.74	60.74
DISCCART	733771.38	4054081.50	60.74	60.74
DISCCART	733771.38	4054106.50	60.74	60.74
DISCCART	733771.38	4054131.50	60.64	60.64
DISCCART	733771.38	4054156.50	60.64	60.64
DISCCART	733771.38	4054181.50	60.64	60.64
DISCCART	733771.38	4054206.50	60.64	60.64
DISCCART	733771.38	4054231.50	60.64	60.64
DISCCART	733771.38	4054256.50	60.57	60.57
DISCCART	733771.38	4054281.50	60.54	60.54
DISCCART	733771.38	4054306.50	60.54	60.54
DISCCART	733771.38	4054331.50	60.54	60.54
DISCCART	733771.38	4054356.50	60.54	60.54
DISCCART	733771.38	4054381.50	60.49	60.49
DISCCART	733771.38	4054406.50	60.44	60.44
DISCCART	733771.38	4054431.50	60.44	60.44
DISCCART	733771.38	4054456.50	60.44	60.44
DISCCART	733771.38	4054481.50	60.43	60.43
DISCCART	733771.38	4054506.50	60.37	60.37
DISCCART	733771.38	4054531.50	60.34	60.34
DISCCART	733771.38	4054556.50	60.34	60.34
DISCCART	733771.38	4054581.50	60.34	60.34
DISCCART	733771.38	4054606.50	60.34	60.34
DISCCART	733771.38	4054631.50	60.29	60.29
DISCCART	733771.38	4054656.50	60.24	60.24
DISCCART	733771.38	4054681.50	60.24	60.24
DISCCART	733771.38	4054706.50	60.24	60.24
DISCCART	733771.38	4054731.50	60.24	60.24
DISCCART	733771.38	4054756.50	60.24	60.24
DISCCART	733771.38	4054781.50	60.24	60.24
DISCCART	733771.38	4054806.50	60.19	60.19
DISCCART	733771.38	4054831.50	60.14	60.14
DISCCART	733771.38	4054856.50	60.14	60.14
DISCCART	733771.38	4054881.50	60.14	60.14
DISCCART	733771.38	4054906.50	60.14	60.14
DISCCART	733771.38	4054931.50	60.14	60.14
DISCCART	733771.38	4054956.50	60.09	60.09
DISCCART	733771.38	4054981.50	60.05	60.05
DISCCART	733771.38	4055006.50	60.04	60.04
DISCCART	733771.38	4055031.50	60.04	60.04
DISCCART	733771.38	4055056.50	60.04	60.04
DISCCART	733771.38	4055081.50	60.04	60.04
DISCCART	733771.38	4055106.50	60.04	60.04
DISCCART	733771.38	4055131.50	60.00	60.00
DISCCART	733771.38	4055156.50	59.98	59.98
DISCCART	733771.38	4055181.50	59.95	59.95
DISCCART	733771.38	4055206.50	59.94	59.94
DISCCART	733771.38	4055231.50	59.94	59.94
DISCCART	733771.38	4055256.50	59.94	59.94
DISCCART	733771.38	4055281.50	59.94	59.94
DISCCART	733771.38	4055306.50	59.94	59.94
DISCCART	733771.38	4055331.50	59.94	59.94
DISCCART	733796.38	4052331.50	64.02	64.02
DISCCART	733796.38	4052356.50	63.94	63.94
DISCCART	733796.38	4052381.50	63.85	63.85
DISCCART	733796.38	4052406.50	63.79	63.79
DISCCART	733796.38	4052431.50	63.73	63.73
DISCCART	733796.38	4052456.50	63.64	63.64
DISCCART	733796.38	4052481.50	63.54	63.54
DISCCART	733796.38	4052506.50	63.51	63.51
DISCCART	733796.38	4052531.50	63.43	63.43
DISCCART	733796.38	4052556.50	63.34	63.34
DISCCART	733796.38	4052581.50	63.25	63.25
DISCCART	733796.38	4052606.50	63.22	63.22
DISCCART	733796.38	4052631.50	63.14	63.14
DISCCART	733796.38	4052656.50	63.06	63.06
DISCCART	733796.38	4052681.50	63.02	63.02
DISCCART	733796.38	4052706.50	62.94	62.94
DISCCART	733796.38	4052731.50	62.87	62.87
DISCCART	733796.38	4052756.50	62.84	62.84
DISCCART	733796.38	4052781.50	62.74	62.74
DISCCART	733796.38	4052806.50	62.70	62.70
DISCCART	733796.38	4052831.50	62.64	62.64
DISCCART	733796.38	4052856.50	62.55	62.55
DISCCART	733796.38	4052881.50	62.53	62.53
DISCCART	733796.38	4052906.50	62.44	62.44

DISCCART	733796.38	4052931.50	62.38	62.38
DISCCART	733796.38	4052956.50	62.34	62.34
DISCCART	733796.38	4052981.50	62.28	62.28
DISCCART	733796.38	4053006.50	62.24	62.24
DISCCART	733796.38	4053031.50	62.18	62.18
DISCCART	733796.38	4053056.50	62.14	62.14
DISCCART	733796.38	4053081.50	62.07	62.07
DISCCART	733796.38	4053106.50	62.04	62.04
DISCCART	733796.38	4053131.50	61.97	61.97
DISCCART	733796.38	4053156.50	61.94	61.94
DISCCART	733796.38	4053181.50	61.87	61.87
DISCCART	733796.38	4053206.50	61.84	61.84
DISCCART	733796.38	4053231.50	61.77	61.77
DISCCART	733796.38	4053256.50	61.74	61.74
DISCCART	733796.38	4053281.50	61.74	61.74
DISCCART	733796.38	4053306.50	61.65	61.65
DISCCART	733796.38	4053331.50	61.64	61.64
DISCCART	733796.38	4053356.50	61.64	61.64
DISCCART	733796.38	4053381.50	61.58	61.58
DISCCART	733796.38	4053406.50	61.54	61.54
DISCCART	733796.38	4053431.50	61.54	61.54
DISCCART	733796.38	4053456.50	61.46	61.46
DISCCART	733796.38	4053481.50	61.44	61.44
DISCCART	733796.38	4053506.50	61.44	61.44
DISCCART	733796.38	4053531.50	61.34	61.34
DISCCART	733796.38	4053556.50	61.34	61.34
DISCCART	733796.38	4053581.50	61.32	61.32
DISCCART	733796.38	4053606.50	61.24	61.24
DISCCART	733796.38	4053631.50	61.24	61.24
DISCCART	733796.38	4053656.50	61.23	61.23
DISCCART	733796.38	4053681.50	61.14	61.14
DISCCART	733796.38	4053706.50	61.14	61.14
DISCCART	733796.38	4053731.50	61.08	61.08
DISCCART	733796.38	4053756.50	61.04	61.04
DISCCART	733796.38	4053781.50	61.02	61.02
DISCCART	733796.38	4053806.50	60.94	60.94
DISCCART	733796.38	4053831.50	60.92	60.92
DISCCART	733796.38	4053856.50	60.91	60.91
DISCCART	733796.38	4053881.50	60.85	60.85
DISCCART	733796.38	4053906.50	60.81	60.81
DISCCART	733796.38	4053931.50	60.74	60.74
DISCCART	733796.38	4053956.50	60.73	60.73
DISCCART	733796.38	4053981.50	60.68	60.68
DISCCART	733796.38	4054006.50	60.65	60.65
DISCCART	733796.38	4054031.50	60.73	60.73
DISCCART	733796.38	4054056.50	60.65	60.65
DISCCART	733796.38	4054081.50	60.74	60.74
DISCCART	733796.38	4054106.50	60.66	60.66
DISCCART	733796.38	4054131.50	60.56	60.56
DISCCART	733796.38	4054156.50	60.64	60.64
DISCCART	733796.38	4054181.50	60.55	60.55
DISCCART	733796.38	4054206.50	60.54	60.54
DISCCART	733796.38	4054231.50	60.54	60.54
DISCCART	733796.38	4054256.50	60.54	60.54
DISCCART	733796.38	4054281.50	60.54	60.54
DISCCART	733796.38	4054306.50	60.54	60.54
DISCCART	733796.38	4054331.50	60.47	60.47
DISCCART	733796.38	4054356.50	60.44	60.44
DISCCART	733796.38	4054381.50	60.44	60.44
DISCCART	733796.38	4054406.50	60.44	60.44
DISCCART	733796.38	4054431.50	60.43	60.43
DISCCART	733796.38	4054456.50	60.36	60.36
DISCCART	733796.38	4054481.50	60.34	60.34
DISCCART	733796.38	4054506.50	60.34	60.34
DISCCART	733796.38	4054531.50	60.34	60.34
DISCCART	733796.38	4054556.50	60.33	60.33
DISCCART	733796.38	4054581.50	60.25	60.25
DISCCART	733796.38	4054606.50	60.24	60.24
DISCCART	733796.38	4054631.50	60.24	60.24
DISCCART	733796.38	4054656.50	60.24	60.24
DISCCART	733796.38	4054681.50	60.24	60.24
DISCCART	733796.38	4054706.50	60.24	60.24
DISCCART	733796.38	4054731.50	60.22	60.22
DISCCART	733796.38	4054756.50	60.16	60.16
DISCCART	733796.38	4054781.50	60.14	60.14
DISCCART	733796.38	4054806.50	60.14	60.14
DISCCART	733796.38	4054831.50	60.14	60.14
DISCCART	733796.38	4054856.50	60.14	60.14
DISCCART	733796.38	4054881.50	60.13	60.13
DISCCART	733796.38	4054906.50	60.06	60.06
DISCCART	733796.38	4054931.50	60.04	60.04
DISCCART	733796.38	4054956.50	60.04	60.04
DISCCART	733796.38	4054981.50	60.04	60.04
DISCCART	733796.38	4055006.50	60.04	60.04
DISCCART	733796.38	4055031.50	60.04	60.04
DISCCART	733796.38	4055056.50	60.02	60.02
DISCCART	733796.38	4055081.50	59.96	59.96
DISCCART	733796.38	4055106.50	59.94	59.94
DISCCART	733796.38	4055131.50	59.94	59.94
DISCCART	733796.38	4055156.50	59.94	59.94
DISCCART	733796.38	4055181.50	59.94	59.94
DISCCART	733796.38	4055206.50	59.94	59.94
DISCCART	733796.38	4055231.50	59.94	59.94
DISCCART	733796.38	4055256.50	59.94	59.94
DISCCART	733796.38	4055281.50	59.94	59.94
DISCCART	733796.38	4055306.50	59.93	59.93
DISCCART	733796.38	4055331.50	59.92	59.92
DISCCART	733821.38	4052331.50	63.96	63.96
DISCCART	733821.38	4052356.50	63.88	63.88
DISCCART	733821.38	4052381.50	63.84	63.84
DISCCART	733821.38	4052406.50	63.74	63.74
DISCCART	733821.38	4052431.50	63.65	63.65
DISCCART	733821.38	4052456.50	63.57	63.57
DISCCART	733821.38	4052481.50	63.55	63.55
DISCCART	733821.38	4052506.50	63.44	63.44
DISCCART	733821.38	4052531.50	63.36	63.36
DISCCART	733821.38	4052556.50	63.32	63.32
DISCCART	733821.38	4052581.50	63.24	63.24
DISCCART	733821.38	4052606.50	63.14	63.14
DISCCART	733821.38	4052631.50	63.10	63.10
DISCCART	733821.38	4052656.50	63.04	63.04
DISCCART	733821.38	4052681.50	62.96	62.96
DISCCART	733821.38	4052706.50	62.92	62.92
DISCCART	733821.38	4052731.50	62.84	62.84
DISCCART	733821.38	4052756.50	62.77	62.77

DISCCART	733821.38	4052781.50	62.74	62.74
DISCCART	733821.38	4052806.50	62.65	62.65
DISCCART	733821.38	4052831.50	62.56	62.56
DISCCART	733821.38	4052856.50	62.54	62.54
DISCCART	733821.38	4052881.50	62.46	62.46
DISCCART	733821.38	4052906.50	62.43	62.43
DISCCART	733821.38	4052931.50	62.34	62.34
DISCCART	733821.38	4052956.50	62.33	62.33
DISCCART	733821.38	4052981.50	62.24	62.24
DISCCART	733821.38	4053006.50	62.22	62.22
DISCCART	733821.38	4053031.50	62.14	62.14
DISCCART	733821.38	4053056.50	62.10	62.10
DISCCART	733821.38	4053081.50	62.04	62.04
DISCCART	733821.38	4053106.50	61.97	61.97
DISCCART	733821.38	4053131.50	61.94	61.94
DISCCART	733821.38	4053156.50	61.87	61.87
DISCCART	733821.38	4053181.50	61.84	61.84
DISCCART	733821.38	4053206.50	61.78	61.78
DISCCART	733821.38	4053231.50	61.74	61.74
DISCCART	733821.38	4053256.50	61.74	61.74
DISCCART	733821.38	4053281.50	61.66	61.66
DISCCART	733821.38	4053306.50	61.64	61.64
DISCCART	733821.38	4053331.50	61.64	61.64
DISCCART	733821.38	4053356.50	61.55	61.55
DISCCART	733821.38	4053381.50	61.54	61.54
DISCCART	733821.38	4053406.50	61.54	61.54
DISCCART	733821.38	4053431.50	61.45	61.45
DISCCART	733821.38	4053456.50	61.44	61.44
DISCCART	733821.38	4053481.50	61.44	61.44
DISCCART	733821.38	4053506.50	61.35	61.35
DISCCART	733821.38	4053531.50	61.34	61.34
DISCCART	733821.38	4053556.50	61.34	61.34
DISCCART	733821.38	4053581.50	61.24	61.24
DISCCART	733821.38	4053606.50	61.24	61.24
DISCCART	733821.38	4053631.50	61.24	61.24
DISCCART	733821.38	4053656.50	61.14	61.14
DISCCART	733821.38	4053681.50	61.14	61.14
DISCCART	733821.38	4053706.50	61.12	61.12
DISCCART	733821.38	4053731.50	61.04	61.04
DISCCART	733821.38	4053756.50	61.04	61.04
DISCCART	733821.38	4053781.50	60.94	60.94
DISCCART	733821.38	4053806.50	60.94	60.94
DISCCART	733821.38	4053831.50	60.85	60.85
DISCCART	733821.38	4053856.50	60.84	60.84
DISCCART	733821.38	4053881.50	60.75	60.75
DISCCART	733821.38	4053906.50	60.77	60.77
DISCCART	733821.38	4053931.50	60.74	60.74
DISCCART	733821.38	4053956.50	60.64	60.64
DISCCART	733821.38	4053981.50	60.60	60.60
DISCCART	733821.38	4054006.50	60.54	60.54
DISCCART	733821.38	4054031.50	60.60	60.60
DISCCART	733821.38	4054056.50	60.54	60.54
DISCCART	733821.38	4054081.50	60.61	60.61
DISCCART	733821.38	4054106.50	60.55	60.55
DISCCART	733821.38	4054131.50	60.54	60.54
DISCCART	733821.38	4054156.50	60.54	60.54
DISCCART	733821.38	4054181.50	60.54	60.54
DISCCART	733821.38	4054206.50	60.54	60.54
DISCCART	733821.38	4054231.50	60.54	60.54
DISCCART	733821.38	4054256.50	60.54	60.54
DISCCART	733821.38	4054281.50	60.50	60.50
DISCCART	733821.38	4054306.50	60.44	60.44
DISCCART	733821.38	4054331.50	60.44	60.44
DISCCART	733821.38	4054356.50	60.44	60.44
DISCCART	733821.38	4054381.50	60.44	60.44
DISCCART	733821.38	4054406.50	60.38	60.38
DISCCART	733821.38	4054431.50	60.34	60.34
DISCCART	733821.38	4054456.50	60.34	60.34
DISCCART	733821.38	4054481.50	60.34	60.34
DISCCART	733821.38	4054506.50	60.32	60.32
DISCCART	733821.38	4054531.50	60.26	60.26
DISCCART	733821.38	4054556.50	60.24	60.24
DISCCART	733821.38	4054581.50	60.24	60.24
DISCCART	733821.38	4054606.50	60.24	60.24
DISCCART	733821.38	4054631.50	60.24	60.24
DISCCART	733821.38	4054656.50	60.19	60.19
DISCCART	733821.38	4054681.50	60.16	60.16
DISCCART	733821.38	4054706.50	60.14	60.14
DISCCART	733821.38	4054731.50	60.14	60.14
DISCCART	733821.38	4054756.50	60.14	60.14
DISCCART	733821.38	4054781.50	60.14	60.14
DISCCART	733821.38	4054806.50	60.14	60.14
DISCCART	733821.38	4054831.50	60.08	60.08
DISCCART	733821.38	4054856.50	60.05	60.05
DISCCART	733821.38	4054881.50	60.04	60.04
DISCCART	733821.38	4054906.50	60.04	60.04
DISCCART	733821.38	4054931.50	60.04	60.04
DISCCART	733821.38	4054956.50	60.04	60.04
DISCCART	733821.38	4054981.50	60.00	60.00
DISCCART	733821.38	4055006.50	59.97	59.97
DISCCART	733821.38	4055031.50	59.94	59.94
DISCCART	733821.38	4055056.50	59.94	59.94
DISCCART	733821.38	4055081.50	59.94	59.94
DISCCART	733821.38	4055106.50	59.94	59.94
DISCCART	733821.38	4055131.50	59.94	59.94
DISCCART	733821.38	4055156.50	59.94	59.94
DISCCART	733821.38	4055181.50	59.91	59.91
DISCCART	733821.38	4055206.50	59.88	59.88
DISCCART	733821.38	4055231.50	59.88	59.88
DISCCART	733821.38	4055256.50	59.84	59.84
DISCCART	733821.38	4055281.50	59.84	59.84
DISCCART	733821.38	4055306.50	59.84	59.84
DISCCART	733821.38	4055331.50	59.84	59.84
DISCCART	733846.38	4052331.50	63.94	63.94
DISCCART	733846.38	4052356.50	63.85	63.85
DISCCART	733846.38	4052381.50	63.74	63.74
DISCCART	733846.38	4052406.50	63.70	63.70
DISCCART	733846.38	4052431.50	63.64	63.64
DISCCART	733846.38	4052456.50	63.54	63.54
DISCCART	733846.38	4052481.50	63.47	63.47
DISCCART	733846.38	4052506.50	63.41	63.41
DISCCART	733846.38	4052531.50	63.33	63.33
DISCCART	733846.38	4052556.50	63.24	63.24
DISCCART	733846.38	4052581.50	63.19	63.19
DISCCART	733846.38	4052606.50	63.14	63.14

DISCCART	733846.38	4052631.50	63.05	63.05
DISCCART	733846.38	4052656.50	62.99	62.99
DISCCART	733846.38	4052681.50	62.94	62.94
DISCCART	733846.38	4052706.50	62.85	62.85
DISCCART	733846.38	4052731.50	62.83	62.83
DISCCART	733846.38	4052756.50	62.74	62.74
DISCCART	733846.38	4052781.50	62.64	62.64
DISCCART	733846.38	4052806.50	62.64	62.64
DISCCART	733846.38	4052831.50	62.54	62.54
DISCCART	733846.38	4052856.50	62.45	62.45
DISCCART	733846.38	4052881.50	62.44	62.44
DISCCART	733846.38	4052906.50	62.34	62.34
DISCCART	733846.38	4052931.50	62.32	62.32
DISCCART	733846.38	4052956.50	62.24	62.24
DISCCART	733846.38	4052981.50	62.22	62.22
DISCCART	733846.38	4053006.50	62.14	62.14
DISCCART	733846.38	4053031.50	62.13	62.13
DISCCART	733846.38	4053056.50	62.04	62.04
DISCCART	733846.38	4053081.50	62.03	62.03
DISCCART	733846.38	4053106.50	61.94	61.94
DISCCART	733846.38	4053131.50	61.93	61.93
DISCCART	733846.38	4053156.50	61.84	61.84
DISCCART	733846.38	4053181.50	61.83	61.83
DISCCART	733846.38	4053206.50	61.74	61.74
DISCCART	733846.38	4053231.50	61.74	61.74
DISCCART	733846.38	4053256.50	61.65	61.65
DISCCART	733846.38	4053281.50	61.64	61.64
DISCCART	733846.38	4053306.50	61.64	61.64
DISCCART	733846.38	4053331.50	61.55	61.55
DISCCART	733846.38	4053356.50	61.54	61.54
DISCCART	733846.38	4053381.50	61.53	61.53
DISCCART	733846.38	4053406.50	61.46	61.46
DISCCART	733846.38	4053431.50	61.44	61.44
DISCCART	733846.38	4053456.50	61.44	61.44
DISCCART	733846.38	4053481.50	61.34	61.34
DISCCART	733846.38	4053506.50	61.34	61.34
DISCCART	733846.38	4053531.50	61.32	61.32
DISCCART	733846.38	4053556.50	61.25	61.25
DISCCART	733846.38	4053581.50	61.24	61.24
DISCCART	733846.38	4053606.50	61.24	61.24
DISCCART	733846.38	4053631.50	61.15	61.15
DISCCART	733846.38	4053656.50	61.14	61.14
DISCCART	733846.38	4053681.50	61.12	61.12
DISCCART	733846.38	4053706.50	61.04	61.04
DISCCART	733846.38	4053731.50	61.04	61.04
DISCCART	733846.38	4053756.50	60.96	60.96
DISCCART	733846.38	4053781.50	60.94	60.94
DISCCART	733846.38	4053806.50	60.91	60.91
DISCCART	733846.38	4053831.50	60.84	60.84
DISCCART	733846.38	4053856.50	60.81	60.81
DISCCART	733846.38	4053881.50	60.74	60.74
DISCCART	733846.38	4053906.50	60.72	60.72
DISCCART	733846.38	4053931.50	60.65	60.65
DISCCART	733846.38	4053956.50	60.62	60.62
DISCCART	733846.38	4053981.50	60.54	60.54
DISCCART	733846.38	4054006.50	60.53	60.53
DISCCART	733846.38	4054031.50	60.45	60.45
DISCCART	733846.38	4054056.50	60.44	60.44
DISCCART	733846.38	4054081.50	60.49	60.49
DISCCART	733846.38	4054106.50	60.48	60.48
DISCCART	733846.38	4054131.50	60.45	60.45
DISCCART	733846.38	4054156.50	60.52	60.52
DISCCART	733846.38	4054181.50	60.51	60.51
DISCCART	733846.38	4054206.50	60.52	60.52
DISCCART	733846.38	4054231.50	60.52	60.52
DISCCART	733846.38	4054256.50	60.45	60.45
DISCCART	733846.38	4054281.50	60.44	60.44
DISCCART	733846.38	4054306.50	60.44	60.44
DISCCART	733846.38	4054331.50	60.44	60.44
DISCCART	733846.38	4054356.50	60.41	60.41
DISCCART	733846.38	4054381.50	60.35	60.35
DISCCART	733846.38	4054406.50	60.34	60.34
DISCCART	733846.38	4054431.50	60.34	60.34
DISCCART	733846.38	4054456.50	60.32	60.32
DISCCART	733846.38	4054481.50	60.26	60.26
DISCCART	733846.38	4054506.50	60.24	60.24
DISCCART	733846.38	4054531.50	60.24	60.24
DISCCART	733846.38	4054556.50	60.24	60.24
DISCCART	733846.38	4054581.50	60.23	60.23
DISCCART	733846.38	4054606.50	60.15	60.15
DISCCART	733846.38	4054631.50	60.14	60.14
DISCCART	733846.38	4054656.50	60.14	60.14
DISCCART	733846.38	4054681.50	60.14	60.14
DISCCART	733846.38	4054706.50	60.14	60.14
DISCCART	733846.38	4054731.50	60.14	60.14
DISCCART	733846.38	4054756.50	60.10	60.10
DISCCART	733846.38	4054781.50	60.06	60.06
DISCCART	733846.38	4054806.50	60.04	60.04
DISCCART	733846.38	4054831.50	60.04	60.04
DISCCART	733846.38	4054856.50	60.04	60.04
DISCCART	733846.38	4054881.50	60.04	60.04
DISCCART	733846.38	4054906.50	60.03	60.03
DISCCART	733846.38	4054931.50	59.96	59.96
DISCCART	733846.38	4054956.50	59.94	59.94
DISCCART	733846.38	4054981.50	59.94	59.94
DISCCART	733846.38	4055006.50	59.94	59.94
DISCCART	733846.38	4055031.50	59.94	59.94
DISCCART	733846.38	4055056.50	59.94	59.94
DISCCART	733846.38	4055081.50	59.92	59.92
DISCCART	733846.38	4055106.50	59.86	59.86
DISCCART	733846.38	4055131.50	59.85	59.85
DISCCART	733846.38	4055156.50	59.84	59.84
DISCCART	733846.38	4055181.50	59.84	59.84
DISCCART	733846.38	4055206.50	59.84	59.84
DISCCART	733846.38	4055231.50	59.84	59.84
DISCCART	733846.38	4055256.50	59.84	59.84
DISCCART	733846.38	4055281.50	59.84	59.84
DISCCART	733846.38	4055306.50	59.84	59.84
DISCCART	733846.38	4055331.50	59.84	59.84
DISCCART	733871.38	4052331.50	63.85	63.85
DISCCART	733871.38	4052356.50	63.80	63.80
DISCCART	733871.38	4052381.50	63.74	63.74
DISCCART	733871.38	4052406.50	63.64	63.64
DISCCART	733871.38	4052431.50	63.57	63.57
DISCCART	733871.38	4052456.50	63.53	63.53

DISCCART	733871.38	4052481.50	63.44	63.44
DISCCART	733871.38	4052506.50	63.34	63.34
DISCCART	733871.38	4052531.50	63.28	63.28
DISCCART	733871.38	4052556.50	63.23	63.23
DISCCART	733871.38	4052581.50	63.14	63.14
DISCCART	733871.38	4052606.50	63.08	63.08
DISCCART	733871.38	4052631.50	63.03	63.03
DISCCART	733871.38	4052656.50	62.94	62.94
DISCCART	733871.38	4052681.50	62.87	62.87
DISCCART	733871.38	4052706.50	62.82	62.82
DISCCART	733871.38	4052731.50	62.74	62.74
DISCCART	733871.38	4052756.50	62.67	62.67
DISCCART	733871.38	4052781.50	62.64	62.64
DISCCART	733871.38	4052806.50	62.54	62.54
DISCCART	733871.38	4052831.50	62.48	62.48
DISCCART	733871.38	4052856.50	62.44	62.44
DISCCART	733871.38	4052881.50	62.36	62.36
DISCCART	733871.38	4052906.50	62.33	62.33
DISCCART	733871.38	4052931.50	62.24	62.24
DISCCART	733871.38	4052956.50	62.24	62.24
DISCCART	733871.38	4052981.50	62.14	62.14
DISCCART	733871.38	4053006.50	62.12	62.12
DISCCART	733871.38	4053031.50	62.04	62.04
DISCCART	733871.38	4053056.50	62.02	62.02
DISCCART	733871.38	4053081.50	61.94	61.94
DISCCART	733871.38	4053106.50	61.92	61.92
DISCCART	733871.38	4053131.50	61.84	61.84
DISCCART	733871.38	4053156.50	61.83	61.83
DISCCART	733871.38	4053181.50	61.74	61.74
DISCCART	733871.38	4053206.50	61.74	61.74
DISCCART	733871.38	4053231.50	61.66	61.66
DISCCART	733871.38	4053256.50	61.64	61.64
DISCCART	733871.38	4053281.50	61.64	61.64
DISCCART	733871.38	4053306.50	61.55	61.55
DISCCART	733871.38	4053331.50	61.54	61.54
DISCCART	733871.38	4053356.50	61.52	61.52
DISCCART	733871.38	4053381.50	61.44	61.44
DISCCART	733871.38	4053406.50	61.44	61.44
DISCCART	733871.38	4053431.50	61.44	61.44
DISCCART	733871.38	4053456.50	61.34	61.34
DISCCART	733871.38	4053481.50	61.34	61.34
DISCCART	733871.38	4053506.50	61.32	61.32
DISCCART	733871.38	4053531.50	61.24	61.24
DISCCART	733871.38	4053556.50	61.24	61.24
DISCCART	733871.38	4053581.50	61.24	61.24
DISCCART	733871.38	4053606.50	61.14	61.14
DISCCART	733871.38	4053631.50	61.14	61.14
DISCCART	733871.38	4053656.50	61.13	61.13
DISCCART	733871.38	4053681.50	61.04	61.04
DISCCART	733871.38	4053706.50	61.04	61.04
DISCCART	733871.38	4053731.50	61.00	61.00
DISCCART	733871.38	4053756.50	60.94	60.94
DISCCART	733871.38	4053781.50	60.94	60.94
DISCCART	733871.38	4053806.50	60.85	60.85
DISCCART	733871.38	4053831.50	60.84	60.84
DISCCART	733871.38	4053856.50	60.78	60.78
DISCCART	733871.38	4053881.50	60.74	60.74
DISCCART	733871.38	4053906.50	60.67	60.67
DISCCART	733871.38	4053931.50	60.64	60.64
DISCCART	733871.38	4053956.50	60.54	60.54
DISCCART	733871.38	4053981.50	60.50	60.50
DISCCART	733871.38	4054006.50	60.45	60.45
DISCCART	733871.38	4054031.50	60.41	60.41
DISCCART	733871.38	4054056.50	60.35	60.35
DISCCART	733871.38	4054081.50	60.36	60.36
DISCCART	733871.38	4054106.50	60.41	60.41
DISCCART	733871.38	4054131.50	60.44	60.44
DISCCART	733871.38	4054156.50	60.44	60.44
DISCCART	733871.38	4054181.50	60.44	60.44
DISCCART	733871.38	4054206.50	60.44	60.44
DISCCART	733871.38	4054231.50	60.44	60.44
DISCCART	733871.38	4054256.50	60.44	60.44
DISCCART	733871.38	4054281.50	60.44	60.44
DISCCART	733871.38	4054306.50	60.44	60.44
DISCCART	733871.38	4054331.50	60.36	60.36
DISCCART	733871.38	4054356.50	60.34	60.34
DISCCART	733871.38	4054381.50	60.34	60.34
DISCCART	733871.38	4054406.50	60.34	60.34
DISCCART	733871.38	4054431.50	60.28	60.28
DISCCART	733871.38	4054456.50	60.24	60.24
DISCCART	733871.38	4054481.50	60.24	60.24
DISCCART	733871.38	4054506.50	60.24	60.24
DISCCART	733871.38	4054531.50	60.24	60.24
DISCCART	733871.38	4054556.50	60.17	60.17
DISCCART	733871.38	4054581.50	60.14	60.14
DISCCART	733871.38	4054606.50	60.14	60.14
DISCCART	733871.38	4054631.50	60.14	60.14
DISCCART	733871.38	4054656.50	60.14	60.14
DISCCART	733871.38	4054681.50	60.11	60.11
DISCCART	733871.38	4054706.50	60.08	60.08
DISCCART	733871.38	4054731.50	60.04	60.04
DISCCART	733871.38	4054756.50	60.04	60.04
DISCCART	733871.38	4054781.50	60.04	60.04
DISCCART	733871.38	4054806.50	60.04	60.04
DISCCART	733871.38	4054831.50	60.04	60.04
DISCCART	733871.38	4054856.50	59.99	59.99
DISCCART	733871.38	4054881.50	59.95	59.95
DISCCART	733871.38	4054906.50	59.94	59.94
DISCCART	733871.38	4054931.50	59.94	59.94
DISCCART	733871.38	4054956.50	59.94	59.94
DISCCART	733871.38	4054981.50	59.94	59.94
DISCCART	733871.38	4055006.50	59.93	59.93
DISCCART	733871.38	4055031.50	59.89	59.89
DISCCART	733871.38	4055056.50	59.84	59.84
DISCCART	733871.38	4055081.50	59.84	59.84
DISCCART	733871.38	4055106.50	59.84	59.84
DISCCART	733871.38	4055131.50	59.84	59.84
DISCCART	733871.38	4055156.50	59.84	59.84
DISCCART	733871.38	4055181.50	59.84	59.84
DISCCART	733871.38	4055206.50	59.84	59.84
DISCCART	733871.38	4055231.50	59.84	59.84
DISCCART	733871.38	4055256.50	59.79	59.79
DISCCART	733871.38	4055281.50	59.79	59.79
DISCCART	733871.38	4055306.50	59.74	59.74
DISCCART	733871.38	4055331.50	59.74	59.74

DISCCART	730871.38	4055381.50	65.09	65.09
DISCCART	730871.38	4055431.50	65.14	65.14
DISCCART	730871.38	4055481.50	65.16	65.16
DISCCART	730921.38	4055381.50	64.95	64.95
DISCCART	730921.38	4055431.50	65.04	65.04
DISCCART	730921.38	4055481.50	65.04	65.04
DISCCART	730971.38	4055381.50	64.84	64.84
DISCCART	730971.38	4055431.50	64.89	64.89
DISCCART	730971.38	4055481.50	64.94	64.94
DISCCART	731021.38	4055381.50	64.74	64.74
DISCCART	731021.38	4055431.50	64.78	64.78
DISCCART	731021.38	4055481.50	64.84	64.84
DISCCART	731071.38	4055381.50	64.64	64.64
DISCCART	731071.38	4055431.50	64.68	64.68
DISCCART	731071.38	4055481.50	64.74	64.74
DISCCART	731121.38	4055381.50	64.54	64.54
DISCCART	731121.38	4055431.50	64.63	64.63
DISCCART	731121.38	4055481.50	64.65	64.65
DISCCART	731171.38	4055381.50	64.48	64.48
DISCCART	731171.38	4055431.50	64.54	64.54
DISCCART	731171.38	4055481.50	64.64	64.64
DISCCART	731221.38	4055381.50	64.44	64.44
DISCCART	731221.38	4055431.50	64.44	64.44
DISCCART	731221.38	4055481.50	64.52	64.52
DISCCART	731271.38	4055381.50	64.29	64.29
DISCCART	731271.38	4055431.50	64.34	64.34
DISCCART	731271.38	4055481.50	64.44	64.44
DISCCART	731321.38	4055381.50	64.19	64.19
DISCCART	731321.38	4055431.50	64.24	64.24
DISCCART	731321.38	4055481.50	64.33	64.33
DISCCART	731371.38	4055381.50	64.07	64.07
DISCCART	731371.38	4055431.50	64.14	64.14
DISCCART	731371.38	4055481.50	64.19	64.19
DISCCART	731421.38	4055381.50	63.98	63.98
DISCCART	731421.38	4055431.50	64.04	64.04
DISCCART	731421.38	4055481.50	64.04	64.04
DISCCART	731471.38	4055381.50	63.93	63.93
DISCCART	731471.38	4055431.50	63.94	63.94
DISCCART	731471.38	4055481.50	63.94	63.94
DISCCART	731521.38	4055381.50	63.78	63.78
DISCCART	731521.38	4055431.50	63.84	63.84
DISCCART	731521.38	4055481.50	63.84	63.84
DISCCART	731571.38	4055381.50	63.68	63.68
DISCCART	731571.38	4055431.50	63.74	63.74
DISCCART	731571.38	4055481.50	63.74	63.74
DISCCART	731621.38	4055381.50	63.54	63.54
DISCCART	731621.38	4055431.50	63.64	63.64
DISCCART	731621.38	4055481.50	63.64	63.64
DISCCART	731671.38	4055381.50	63.44	63.44
DISCCART	731671.38	4055431.50	63.54	63.54
DISCCART	731671.38	4055481.50	63.54	63.54
DISCCART	731721.38	4055381.50	63.35	63.35
DISCCART	731721.38	4055431.50	63.44	63.44
DISCCART	731721.38	4055481.50	63.44	63.44
DISCCART	731771.38	4055381.50	63.27	63.27
DISCCART	731771.38	4055431.50	63.34	63.34
DISCCART	731771.38	4055481.50	63.34	63.34
DISCCART	731821.38	4055381.50	63.23	63.23
DISCCART	731821.38	4055431.50	63.24	63.24
DISCCART	731821.38	4055481.50	63.24	63.24
DISCCART	731871.38	4055381.50	63.14	63.14
DISCCART	731871.38	4055431.50	63.14	63.14
DISCCART	731871.38	4055481.50	63.14	63.14
DISCCART	731921.38	4055381.50	63.04	63.04
DISCCART	731921.38	4055431.50	63.04	63.04
DISCCART	731921.38	4055481.50	63.09	63.09
DISCCART	731971.38	4055381.50	62.94	62.94
DISCCART	731971.38	4055431.50	62.95	62.95
DISCCART	731971.38	4055481.50	63.04	63.04
DISCCART	732021.38	4055381.50	62.84	62.84
DISCCART	732021.38	4055431.50	62.88	62.88
DISCCART	732021.38	4055481.50	62.94	62.94
DISCCART	732071.38	4055381.50	62.77	62.77
DISCCART	732071.38	4055431.50	62.84	62.84
DISCCART	732071.38	4055481.50	62.84	62.84
DISCCART	732121.38	4055381.50	62.69	62.69
DISCCART	732121.38	4055431.50	62.74	62.74
DISCCART	732121.38	4055481.50	62.74	62.74
DISCCART	732171.38	4055381.50	62.64	62.64
DISCCART	732171.38	4055431.50	62.64	62.64
DISCCART	732171.38	4055481.50	62.64	62.64
DISCCART	732221.38	4055381.50	62.54	62.54
DISCCART	732221.38	4055431.50	62.54	62.54
DISCCART	732221.38	4055481.50	62.54	62.54
DISCCART	732271.38	4055381.50	62.44	62.44
DISCCART	732271.38	4055431.50	62.44	62.44
DISCCART	732271.38	4055481.50	62.47	62.47
DISCCART	732321.38	4055381.50	62.34	62.34
DISCCART	732321.38	4055431.50	62.34	62.34
DISCCART	732321.38	4055481.50	62.35	62.35
DISCCART	732371.38	4055381.50	62.24	62.24
DISCCART	732371.38	4055431.50	62.24	62.24
DISCCART	732371.38	4055481.50	62.27	62.27
DISCCART	732421.38	4055381.50	62.14	62.14
DISCCART	732421.38	4055431.50	62.14	62.14
DISCCART	732421.38	4055481.50	62.17	62.17
DISCCART	732471.38	4055381.50	62.04	62.04
DISCCART	732471.38	4055431.50	62.04	62.04
DISCCART	732471.38	4055481.50	62.07	62.07
DISCCART	732521.38	4055381.50	61.94	61.94
DISCCART	732521.38	4055431.50	61.94	61.94
DISCCART	732521.38	4055481.50	61.94	61.94
DISCCART	732571.38	4055381.50	61.84	61.84
DISCCART	732571.38	4055431.50	61.84	61.84
DISCCART	732571.38	4055481.50	61.84	61.84
DISCCART	732621.38	4055381.50	61.74	61.74
DISCCART	732621.38	4055431.50	61.74	61.74
DISCCART	732621.38	4055481.50	61.77	61.77
DISCCART	732671.38	4055381.50	61.64	61.64
DISCCART	732671.38	4055431.50	61.68	61.68
DISCCART	732671.38	4055481.50	61.74	61.74
DISCCART	732721.38	4055381.50	61.64	61.64
DISCCART	732721.38	4055431.50	61.64	61.64
DISCCART	732721.38	4055481.50	61.64	61.64
DISCCART	732771.38	4055381.50	61.54	61.54

DISCCART	732771.38	4055431.50	61.54	61.54
DISCCART	732771.38	4055481.50	61.54	61.54
DISCCART	732821.38	4055381.50	61.44	61.44
DISCCART	732821.38	4055431.50	61.44	61.44
DISCCART	732821.38	4055481.50	61.47	61.47
DISCCART	732871.38	4055381.50	61.38	61.38
DISCCART	732871.38	4055431.50	61.39	61.39
DISCCART	732871.38	4055481.50	61.44	61.44
DISCCART	732921.38	4055381.50	61.34	61.34
DISCCART	732921.38	4055431.50	61.34	61.34
DISCCART	732921.38	4055481.50	61.34	61.34
DISCCART	732971.38	4055381.50	61.24	61.24
DISCCART	732971.38	4055431.50	61.24	61.24
DISCCART	732971.38	4055481.50	61.24	61.24
DISCCART	733021.38	4055381.50	61.14	61.14
DISCCART	733021.38	4055431.50	61.14	61.14
DISCCART	733021.38	4055481.50	61.19	61.19
DISCCART	733071.38	4055381.50	61.08	61.08
DISCCART	733071.38	4055431.50	61.09	61.09
DISCCART	733071.38	4055481.50	61.09	61.09
DISCCART	733121.38	4055381.50	60.98	60.98
DISCCART	733121.38	4055431.50	60.99	60.99
DISCCART	733121.38	4055481.50	60.99	60.99
DISCCART	733171.38	4055381.50	60.94	60.94
DISCCART	733171.38	4055431.50	60.89	60.89
DISCCART	733171.38	4055481.50	60.91	60.91
DISCCART	733221.38	4055381.50	60.84	60.84
DISCCART	733221.38	4055431.50	60.84	60.84
DISCCART	733221.38	4055481.50	60.84	60.84
DISCCART	733271.38	4055381.50	60.74	60.74
DISCCART	733271.38	4055431.50	60.74	60.74
DISCCART	733271.38	4055481.50	60.74	60.74
DISCCART	733321.38	4055381.50	60.64	60.64
DISCCART	733321.38	4055431.50	60.64	60.64
DISCCART	733321.38	4055481.50	60.64	60.64
DISCCART	733371.38	4055381.50	60.54	60.54
DISCCART	733371.38	4055431.50	60.54	60.54
DISCCART	733371.38	4055481.50	60.54	60.54
DISCCART	733421.38	4055381.50	60.44	60.44
DISCCART	733421.38	4055431.50	60.44	60.44
DISCCART	733421.38	4055481.50	60.44	60.44
DISCCART	733471.38	4055381.50	60.34	60.34
DISCCART	733471.38	4055431.50	60.34	60.34
DISCCART	733471.38	4055481.50	60.34	60.34
DISCCART	733521.38	4055381.50	60.24	60.24
DISCCART	733521.38	4055431.50	60.24	60.24
DISCCART	733521.38	4055481.50	60.24	60.24
DISCCART	733571.38	4055381.50	60.24	60.24
DISCCART	733571.38	4055431.50	60.24	60.24
DISCCART	733571.38	4055481.50	60.24	60.24
DISCCART	733621.38	4055381.50	60.14	60.14
DISCCART	733621.38	4055431.50	60.14	60.14
DISCCART	733621.38	4055481.50	60.14	60.14
DISCCART	733671.38	4055381.50	60.09	60.09
DISCCART	733671.38	4055431.50	60.09	60.09
DISCCART	733671.38	4055481.50	60.08	60.08
DISCCART	733721.38	4055381.50	60.04	60.04
DISCCART	733721.38	4055431.50	60.04	60.04
DISCCART	733721.38	4055481.50	60.04	60.04
DISCCART	733771.38	4055381.50	59.94	59.94
DISCCART	733771.38	4055431.50	59.94	59.94
DISCCART	733771.38	4055481.50	59.94	59.94
DISCCART	733821.38	4055381.50	59.84	59.84
DISCCART	733821.38	4055431.50	59.84	59.84
DISCCART	733821.38	4055481.50	59.84	59.84
DISCCART	733871.38	4055381.50	59.74	59.74
DISCCART	733871.38	4055431.50	59.74	59.74
DISCCART	733871.38	4055481.50	59.74	59.74
DISCCART	733921.38	4055381.50	59.64	59.64
DISCCART	733921.38	4055431.50	59.64	59.64
DISCCART	733921.38	4055481.50	59.64	59.64
DISCCART	733971.38	4055381.50	59.54	59.54
DISCCART	733971.38	4055431.50	59.54	59.54
DISCCART	733971.38	4055481.50	59.54	59.54
DISCCART	734021.38	4055381.50	59.44	59.44
DISCCART	734021.38	4055431.50	59.44	59.44
DISCCART	734021.38	4055481.50	59.44	59.44
DISCCART	733921.38	4055331.50	59.69	59.69
DISCCART	733921.38	4055281.50	59.74	59.74
DISCCART	733921.38	4055231.50	59.74	59.74
DISCCART	733921.38	4055181.50	59.74	59.74
DISCCART	733921.38	4055131.50	59.74	59.74
DISCCART	733921.38	4055081.50	59.74	59.74
DISCCART	733921.38	4055031.50	59.83	59.83
DISCCART	733921.38	4054981.50	59.84	59.84
DISCCART	733921.38	4054931.50	59.84	59.84
DISCCART	733921.38	4054881.50	59.88	59.88
DISCCART	733921.38	4054831.50	59.94	59.94
DISCCART	733921.38	4054781.50	59.94	59.94
DISCCART	733921.38	4054731.50	59.98	59.98
DISCCART	733921.38	4054681.50	60.04	60.04
DISCCART	733921.38	4054631.50	60.04	60.04
DISCCART	733921.38	4054581.50	60.08	60.08
DISCCART	733921.38	4054531.50	60.14	60.14
DISCCART	733921.38	4054481.50	60.14	60.14
DISCCART	733921.38	4054431.50	60.24	60.24
DISCCART	733921.38	4054381.50	60.24	60.24
DISCCART	733921.38	4054331.50	60.34	60.34
DISCCART	733921.38	4054281.50	60.34	60.34
DISCCART	733921.38	4054231.50	60.36	60.36
DISCCART	733921.38	4054181.50	60.44	60.44
DISCCART	733921.38	4054131.50	60.44	60.44
DISCCART	733921.38	4054081.50	60.31	60.31
DISCCART	733921.38	4054031.50	60.34	60.34
DISCCART	733921.38	4053981.50	60.44	60.44
DISCCART	733921.38	4053931.50	60.54	60.54
DISCCART	733921.38	4053881.50	60.64	60.64
DISCCART	733921.38	4053831.50	60.74	60.74
DISCCART	733921.38	4053781.50	60.84	60.84
DISCCART	733921.38	4053731.50	60.90	60.90
DISCCART	733921.38	4053681.50	60.94	60.94
DISCCART	733921.38	4053631.50	61.04	61.04
DISCCART	733921.38	4053581.50	61.14	61.14
DISCCART	733921.38	4053531.50	61.16	61.16
DISCCART	733921.38	4053481.50	61.24	61.24

DISCCART	733921.38	4053431.50	61.34	61.34
DISCCART	733921.38	4053381.50	61.35	61.35
DISCCART	733921.38	4053331.50	61.44	61.44
DISCCART	733921.38	4053281.50	61.54	61.54
DISCCART	733921.38	4053231.50	61.64	61.64
DISCCART	733921.38	4053181.50	61.70	61.70
DISCCART	733921.38	4053131.50	61.76	61.76
DISCCART	733921.38	4053081.50	61.85	61.85
DISCCART	733921.38	4053031.50	61.95	61.95
DISCCART	733921.38	4052981.50	62.05	62.05
DISCCART	733921.38	4052931.50	62.14	62.14
DISCCART	733921.38	4052881.50	62.26	62.26
DISCCART	733921.38	4052831.50	62.40	62.40
DISCCART	733921.38	4052781.50	62.54	62.54
DISCCART	733921.38	4052731.50	62.65	62.65
DISCCART	733921.38	4052681.50	62.80	62.80
DISCCART	733921.38	4052631.50	62.94	62.94
DISCCART	733921.38	4052581.50	63.06	63.06
DISCCART	733921.38	4052531.50	63.20	63.20
DISCCART	733921.38	4052481.50	63.34	63.34
DISCCART	733921.38	4052431.50	63.50	63.50
DISCCART	733921.38	4052381.50	63.64	63.64
DISCCART	733921.38	4052331.50	63.76	63.76
DISCCART	733921.38	4052281.50	63.94	63.94
DISCCART	733921.38	4052231.50	64.04	64.04
DISCCART	733921.38	4052181.50	64.20	64.20
DISCCART	733971.38	4055331.50	59.59	59.59
DISCCART	733971.38	4055281.50	59.64	59.64
DISCCART	733971.38	4055231.50	59.64	59.64
DISCCART	733971.38	4055181.50	59.64	59.64
DISCCART	733971.38	4055131.50	59.64	59.64
DISCCART	733971.38	4055081.50	59.73	59.73
DISCCART	733971.38	4055031.50	59.74	59.74
DISCCART	733971.38	4054981.50	59.74	59.74
DISCCART	733971.38	4054931.50	59.74	59.74
DISCCART	733971.38	4054881.50	59.84	59.84
DISCCART	733971.38	4054831.50	59.84	59.84
DISCCART	733971.38	4054781.50	59.84	59.84
DISCCART	733971.38	4054731.50	59.93	59.93
DISCCART	733971.38	4054681.50	59.94	59.94
DISCCART	733971.38	4054631.50	59.94	59.94
DISCCART	733971.38	4054581.50	60.04	60.04
DISCCART	733971.38	4054531.50	60.04	60.04
DISCCART	733971.38	4054481.50	60.09	60.09
DISCCART	733971.38	4054431.50	60.14	60.14
DISCCART	733971.38	4054381.50	60.16	60.16
DISCCART	733971.38	4054331.50	60.24	60.24
DISCCART	733971.38	4054281.50	60.24	60.24
DISCCART	733971.38	4054231.50	60.31	60.31
DISCCART	733971.38	4054181.50	60.34	60.34
DISCCART	733971.38	4054131.50	60.34	60.34
DISCCART	733971.38	4054081.50	60.24	60.24
DISCCART	733971.38	4054031.50	60.34	60.34
DISCCART	733971.38	4053981.50	60.44	60.44
DISCCART	733971.38	4053931.50	60.54	60.54
DISCCART	733971.38	4053881.50	60.64	60.64
DISCCART	733971.38	4053831.50	60.74	60.74
DISCCART	733971.38	4053781.50	60.74	60.74
DISCCART	733971.38	4053731.50	60.84	60.84
DISCCART	733971.38	4053681.50	60.90	60.90
DISCCART	733971.38	4053631.50	60.94	60.94
DISCCART	733971.38	4053581.50	61.04	61.04
DISCCART	733971.38	4053531.50	61.14	61.14
DISCCART	733971.38	4053481.50	61.14	61.14
DISCCART	733971.38	4053431.50	61.24	61.24
DISCCART	733971.38	4053381.50	61.34	61.34
DISCCART	733971.38	4053331.50	61.40	61.40
DISCCART	733971.38	4053281.50	61.44	61.44
DISCCART	733971.38	4053231.50	61.54	61.54
DISCCART	733971.38	4053181.50	61.64	61.64
DISCCART	733971.38	4053131.50	61.74	61.74
DISCCART	733971.38	4053081.50	61.75	61.75
DISCCART	733971.38	4053031.50	61.85	61.85
DISCCART	733971.38	4052981.50	61.94	61.94
DISCCART	733971.38	4052931.50	62.04	62.04
DISCCART	733971.38	4052881.50	62.16	62.16
DISCCART	733971.38	4052831.50	62.26	62.26
DISCCART	733971.38	4052781.50	62.43	62.43
DISCCART	733971.38	4052731.50	62.55	62.55
DISCCART	733971.38	4052681.50	62.74	62.74
DISCCART	733971.38	4052631.50	62.84	62.84
DISCCART	733971.38	4052581.50	62.97	62.97
DISCCART	733971.38	4052531.50	63.14	63.14
DISCCART	733971.38	4052481.50	63.26	63.26
DISCCART	733971.38	4052431.50	63.40	63.40
DISCCART	733971.38	4052381.50	63.54	63.54
DISCCART	733971.38	4052331.50	63.70	63.70
DISCCART	733971.38	4052281.50	63.84	63.84
DISCCART	733971.38	4052231.50	63.95	63.95
DISCCART	733971.38	4052181.50	64.13	64.13
DISCCART	734021.38	4055331.50	59.51	59.51
DISCCART	734021.38	4055281.50	59.54	59.54
DISCCART	734021.38	4055231.50	59.54	59.54
DISCCART	734021.38	4055181.50	59.54	59.54
DISCCART	734021.38	4055131.50	59.58	59.58
DISCCART	734021.38	4055081.50	59.64	59.64
DISCCART	734021.38	4055031.50	59.64	59.64
DISCCART	734021.38	4054981.50	59.64	59.64
DISCCART	734021.38	4054931.50	59.69	59.69
DISCCART	734021.38	4054881.50	59.74	59.74
DISCCART	734021.38	4054831.50	59.74	59.74
DISCCART	734021.38	4054781.50	59.79	59.79
DISCCART	734021.38	4054731.50	59.84	59.84
DISCCART	734021.38	4054681.50	59.84	59.84
DISCCART	734021.38	4054631.50	59.91	59.91
DISCCART	734021.38	4054581.50	59.94	59.94
DISCCART	734021.38	4054531.50	59.94	59.94
DISCCART	734021.38	4054481.50	60.04	60.04
DISCCART	734021.38	4054431.50	60.04	60.04
DISCCART	734021.38	4054381.50	60.10	60.10
DISCCART	734021.38	4054331.50	60.14	60.14
DISCCART	734021.38	4054281.50	60.16	60.16
DISCCART	734021.38	4054231.50	60.24	60.24
DISCCART	734021.38	4054181.50	60.24	60.24
DISCCART	734021.38	4054131.50	60.34	60.34

DISCCART	734021.38	4054081.50	60.24	60.24
DISCCART	734021.38	4054031.50	60.34	60.34
DISCCART	734021.38	4053981.50	60.44	60.44
DISCCART	734021.38	4053931.50	60.50	60.50
DISCCART	734021.38	4053881.50	60.54	60.54
DISCCART	734021.38	4053831.50	60.64	60.64
DISCCART	734021.38	4053781.50	60.74	60.74
DISCCART	734021.38	4053731.50	60.74	60.74
DISCCART	734021.38	4053681.50	60.84	60.84
DISCCART	734021.38	4053631.50	60.90	60.90
DISCCART	734021.38	4053581.50	60.94	60.94
DISCCART	734021.38	4053531.50	61.04	61.04
DISCCART	734021.38	4053481.50	61.13	61.13
DISCCART	734021.38	4053431.50	61.14	61.14
DISCCART	734021.38	4053381.50	61.24	61.24
DISCCART	734021.38	4053331.50	61.34	61.34
DISCCART	734021.38	4053281.50	61.40	61.40
DISCCART	734021.38	4053231.50	61.46	61.46
DISCCART	734021.38	4053181.50	61.54	61.54
DISCCART	734021.38	4053131.50	61.64	61.64
DISCCART	734021.38	4053081.50	61.74	61.74
DISCCART	734021.38	4053031.50	61.76	61.76
DISCCART	734021.38	4052981.50	61.84	61.84
DISCCART	734021.38	4052931.50	61.94	61.94
DISCCART	734021.38	4052881.50	62.04	62.04
DISCCART	734021.38	4052831.50	62.16	62.16
DISCCART	734021.38	4052781.50	62.33	62.33
DISCCART	734021.38	4052731.50	62.46	62.46
DISCCART	734021.38	4052681.50	62.64	62.64
DISCCART	734021.38	4052631.50	62.74	62.74
DISCCART	734021.38	4052581.50	62.90	62.90
DISCCART	734021.38	4052531.50	63.04	63.04
DISCCART	734021.38	4052481.50	63.18	63.18
DISCCART	734021.38	4052431.50	63.34	63.34
DISCCART	734021.38	4052381.50	63.49	63.49
DISCCART	734021.38	4052331.50	63.64	63.64
DISCCART	734021.38	4052281.50	63.74	63.74
DISCCART	734021.38	4052231.50	63.90	63.90
DISCCART	734021.38	4052181.50	64.04	64.04
DISCCART	733871.38	4052281.50	64.03	64.03
DISCCART	733871.38	4052231.50	64.14	64.14
DISCCART	733871.38	4052181.50	64.30	64.30
DISCCART	733821.38	4052281.50	64.14	64.14
DISCCART	733821.38	4052231.50	64.26	64.26
DISCCART	733821.38	4052181.50	64.40	64.40
DISCCART	733771.38	4052281.50	64.24	64.24
DISCCART	733771.38	4052231.50	64.36	64.36
DISCCART	733771.38	4052181.50	64.54	64.54
DISCCART	733721.38	4052281.50	64.34	64.34
DISCCART	733721.38	4052231.50	64.45	64.45
DISCCART	733721.38	4052181.50	64.64	64.64
DISCCART	733671.38	4052281.50	64.44	64.44
DISCCART	733671.38	4052231.50	64.60	64.60
DISCCART	733671.38	4052181.50	64.74	64.74
DISCCART	733621.38	4052281.50	64.51	64.51
DISCCART	733621.38	4052231.50	64.74	64.74
DISCCART	733621.38	4052181.50	64.84	64.84
DISCCART	733571.38	4052281.50	64.54	64.54
DISCCART	733571.38	4052231.50	64.72	64.72
DISCCART	733571.38	4052181.50	64.84	64.84
DISCCART	733521.38	4052281.50	64.60	64.60
DISCCART	733521.38	4052231.50	64.74	64.74
DISCCART	733521.38	4052181.50	64.89	64.89
DISCCART	733471.38	4052281.50	64.68	64.68
DISCCART	733471.38	4052231.50	64.84	64.84
DISCCART	733471.38	4052181.50	65.00	65.00
DISCCART	733421.38	4052281.50	64.76	64.76
DISCCART	733421.38	4052231.50	64.94	64.94
DISCCART	733421.38	4052181.50	65.14	65.14
DISCCART	733371.38	4052281.50	64.89	64.89
DISCCART	733371.38	4052231.50	65.08	65.08
DISCCART	733371.38	4052181.50	65.25	65.25
DISCCART	733321.38	4052281.50	65.04	65.04
DISCCART	733321.38	4052231.50	65.24	65.24
DISCCART	733321.38	4052181.50	65.40	65.40
DISCCART	733271.38	4052281.50	65.15	65.15
DISCCART	733271.38	4052231.50	65.35	65.35
DISCCART	733271.38	4052181.50	65.55	65.55
DISCCART	733221.38	4052281.50	65.34	65.34
DISCCART	733221.38	4052231.50	65.55	65.55
DISCCART	733221.38	4052181.50	65.73	65.73
DISCCART	733171.38	4052281.50	65.45	65.45
DISCCART	733171.38	4052231.50	65.65	65.65
DISCCART	733171.38	4052181.50	65.88	65.88
DISCCART	733121.38	4052281.50	65.64	65.64
DISCCART	733121.38	4052231.50	65.83	65.83
DISCCART	733121.38	4052181.50	66.03	66.03
DISCCART	733071.38	4052281.50	65.76	65.76
DISCCART	733071.38	4052231.50	65.96	65.96
DISCCART	733071.38	4052181.50	66.16	66.16
DISCCART	733021.38	4052281.50	65.93	65.93
DISCCART	733021.38	4052231.50	66.10	66.10
DISCCART	733021.38	4052181.50	66.30	66.30
DISCCART	732971.38	4052281.50	66.06	66.06
DISCCART	732971.38	4052231.50	66.26	66.26
DISCCART	732971.38	4052181.50	66.44	66.44
DISCCART	732921.38	4052281.50	66.24	66.24
DISCCART	732921.38	4052231.50	66.40	66.40
DISCCART	732921.38	4052181.50	66.60	66.60
DISCCART	732871.38	4052281.50	66.34	66.34
DISCCART	732871.38	4052231.50	66.54	66.54
DISCCART	732871.38	4052181.50	66.74	66.74
DISCCART	732821.38	4052281.50	66.45	66.45
DISCCART	732821.38	4052231.50	66.65	66.65
DISCCART	732821.38	4052181.50	66.86	66.86
DISCCART	732771.38	4052281.50	66.60	66.60
DISCCART	732771.38	4052231.50	66.80	66.80
DISCCART	732771.38	4052181.50	67.00	67.00
DISCCART	732721.38	4052281.50	66.74	66.74
DISCCART	732721.38	4052231.50	66.93	66.93
DISCCART	732721.38	4052181.50	67.13	67.13
DISCCART	732671.38	4052281.50	66.86	66.86
DISCCART	732671.38	4052231.50	67.06	67.06
DISCCART	732671.38	4052181.50	67.26	67.26
DISCCART	732621.38	4052281.50	67.00	67.00

DISCCART	732621.38	4052231.50	67.20	67.20
DISCCART	732621.38	4052181.50	67.40	67.40
DISCCART	732571.38	4052281.50	67.15	67.15
DISCCART	732571.38	4052231.50	67.36	67.36
DISCCART	732571.38	4052181.50	67.56	67.56
DISCCART	732521.38	4052281.50	67.30	67.30
DISCCART	732521.38	4052231.50	67.50	67.50
DISCCART	732521.38	4052181.50	67.70	67.70
DISCCART	732471.38	4052281.50	67.45	67.45
DISCCART	732471.38	4052231.50	67.65	67.65
DISCCART	732471.38	4052181.50	67.85	67.85
DISCCART	732421.38	4052281.50	67.56	67.56
DISCCART	732421.38	4052231.50	67.80	67.80
DISCCART	732421.38	4052181.50	68.05	68.05
DISCCART	732371.38	4052281.50	67.73	67.73
DISCCART	732371.38	4052231.50	67.95	67.95
DISCCART	732371.38	4052181.50	68.23	68.23
DISCCART	732321.38	4052281.50	67.86	67.86
DISCCART	732321.38	4052231.50	68.13	68.13
DISCCART	732321.38	4052181.50	68.40	68.40
DISCCART	732271.38	4052281.50	68.05	68.05
DISCCART	732271.38	4052231.50	68.30	68.30
DISCCART	732271.38	4052181.50	68.55	68.55
DISCCART	732221.38	4052281.50	68.18	68.18
DISCCART	732221.38	4052231.50	68.45	68.45
DISCCART	732221.38	4052181.50	68.74	68.74
DISCCART	732171.38	4052281.50	68.30	68.30
DISCCART	732171.38	4052231.50	68.56	68.56
DISCCART	732171.38	4052181.50	68.86	68.86
DISCCART	732121.38	4052281.50	68.44	68.44
DISCCART	732121.38	4052231.50	68.70	68.70
DISCCART	732121.38	4052181.50	69.00	69.00
DISCCART	732071.38	4052281.50	68.54	68.54
DISCCART	732071.38	4052231.50	68.84	68.84
DISCCART	732071.38	4052181.50	69.13	69.13
DISCCART	732021.38	4052281.50	68.60	68.60
DISCCART	732021.38	4052231.50	68.93	68.93
DISCCART	732021.38	4052181.50	69.23	69.23
DISCCART	731971.38	4052281.50	68.70	68.70
DISCCART	731971.38	4052231.50	69.00	69.00
DISCCART	731971.38	4052181.50	69.30	69.30
DISCCART	731921.38	4052281.50	68.78	68.78
DISCCART	731921.38	4052231.50	69.08	69.08
DISCCART	731921.38	4052181.50	69.37	69.37
DISCCART	731871.38	4052281.50	68.83	68.83
DISCCART	731871.38	4052231.50	69.13	69.13
DISCCART	731871.38	4052181.50	69.45	69.45
DISCCART	731821.38	4052281.50	68.87	68.87
DISCCART	731821.38	4052231.50	69.17	69.17
DISCCART	731821.38	4052181.50	69.55	69.55
DISCCART	731771.38	4052281.50	68.87	68.87
DISCCART	731771.38	4052231.50	69.27	69.27
DISCCART	731771.38	4052181.50	69.56	69.56
DISCCART	731721.38	4052281.50	68.97	68.97
DISCCART	731721.38	4052231.50	69.30	69.30
DISCCART	731721.38	4052181.50	69.67	69.67
DISCCART	731671.38	4052281.50	69.00	69.00
DISCCART	731671.38	4052231.50	69.37	69.37
DISCCART	731671.38	4052181.50	69.73	69.73
DISCCART	731621.38	4052281.50	69.10	69.10
DISCCART	731621.38	4052231.50	69.48	69.48
DISCCART	731621.38	4052181.50	69.80	69.80
DISCCART	731571.38	4052281.50	69.21	69.21
DISCCART	731571.38	4052231.50	69.58	69.58
DISCCART	731571.38	4052181.50	69.88	69.88
DISCCART	731521.38	4052281.50	69.35	69.35
DISCCART	731521.38	4052231.50	69.68	69.68
DISCCART	731521.38	4052181.50	69.97	69.97
DISCCART	731471.38	4052281.50	69.44	69.44
DISCCART	731471.38	4052231.50	69.74	69.74
DISCCART	731471.38	4052181.50	70.04	70.04
DISCCART	731421.38	4052281.50	69.54	69.54
DISCCART	731421.38	4052231.50	69.84	69.84
DISCCART	731421.38	4052181.50	70.06	70.06
DISCCART	731371.38	4052281.50	69.65	69.65
DISCCART	731371.38	4052231.50	69.86	69.86
DISCCART	731371.38	4052181.50	70.17	70.17
DISCCART	731321.38	4052281.50	69.66	69.66
DISCCART	731321.38	4052231.50	69.94	69.94
DISCCART	731321.38	4052181.50	70.18	70.18
DISCCART	731271.38	4052281.50	69.74	69.74
DISCCART	731271.38	4052231.50	69.94	69.94
DISCCART	731271.38	4052181.50	70.11	70.11
DISCCART	731221.38	4052281.50	69.62	69.62
DISCCART	731221.38	4052231.50	69.70	69.70
DISCCART	731221.38	4052181.50	69.79	69.79
DISCCART	731171.38	4052281.50	69.44	69.44
DISCCART	731171.38	4052231.50	69.44	69.44
DISCCART	731171.38	4052181.50	69.44	69.44
DISCCART	731121.38	4052281.50	69.64	69.64
DISCCART	731121.38	4052231.50	69.68	69.68
DISCCART	731121.38	4052181.50	69.80	69.80
DISCCART	731071.38	4052281.50	69.84	69.84
DISCCART	731071.38	4052231.50	69.95	69.95
DISCCART	731071.38	4052181.50	70.16	70.16
DISCCART	731021.38	4052281.50	69.94	69.94
DISCCART	731021.38	4052231.50	70.10	70.10
DISCCART	731021.38	4052181.50	70.36	70.36
DISCCART	730971.38	4052281.50	69.97	69.97
DISCCART	730971.38	4052231.50	70.16	70.16
DISCCART	730971.38	4052181.50	70.44	70.44
DISCCART	730921.38	4052281.50	69.96	69.96
DISCCART	730921.38	4052231.50	70.24	70.24
DISCCART	730921.38	4052181.50	70.48	70.48
DISCCART	730871.38	4052281.50	70.04	70.04
DISCCART	730871.38	4052231.50	70.28	70.28
DISCCART	730871.38	4052181.50	70.53	70.53
DISCCART	730821.38	4052281.50	70.03	70.03
DISCCART	730821.38	4052231.50	70.33	70.33
DISCCART	730821.38	4052181.50	70.58	70.58
DISCCART	730771.38	4052281.50	70.08	70.08
DISCCART	730771.38	4052231.50	70.40	70.40
DISCCART	730771.38	4052181.50	70.65	70.65
DISCCART	730721.38	4052281.50	70.17	70.17
DISCCART	730721.38	4052231.50	70.43	70.43

DISCCART	730721.38	4052181.50	70.67	70.67
DISCCART	730821.38	4052331.50	69.77	69.77
DISCCART	730821.38	4052381.50	69.46	69.46
DISCCART	730821.38	4052431.50	69.44	69.44
DISCCART	730821.38	4052481.50	69.54	69.54
DISCCART	730821.38	4052531.50	69.48	69.48
DISCCART	730821.38	4052581.50	69.34	69.34
DISCCART	730821.38	4052631.50	69.18	69.18
DISCCART	730821.38	4052681.50	69.04	69.04
DISCCART	730821.38	4052731.50	68.85	68.85
DISCCART	730821.38	4052781.50	68.74	68.74
DISCCART	730821.38	4052831.50	68.54	68.54
DISCCART	730821.38	4052881.50	68.43	68.43
DISCCART	730821.38	4052931.50	68.26	68.26
DISCCART	730821.38	4052981.50	68.14	68.14
DISCCART	730821.38	4053031.50	67.98	67.98
DISCCART	730821.38	4053081.50	67.84	67.84
DISCCART	730821.38	4053131.50	67.74	67.74
DISCCART	730821.38	4053181.50	67.64	67.64
DISCCART	730821.38	4053231.50	67.50	67.50
DISCCART	730821.38	4053281.50	67.36	67.36
DISCCART	730821.38	4053331.50	67.24	67.24
DISCCART	730821.38	4053381.50	67.14	67.14
DISCCART	730821.38	4053431.50	67.04	67.04
DISCCART	730821.38	4053481.50	66.90	66.90
DISCCART	730821.38	4053531.50	66.80	66.80
DISCCART	730821.38	4053581.50	66.66	66.66
DISCCART	730821.38	4053631.50	66.56	66.56
DISCCART	730821.38	4053681.50	66.45	66.45
DISCCART	730821.38	4053731.50	66.36	66.36
DISCCART	730821.38	4053781.50	66.30	66.30
DISCCART	730821.38	4053831.50	66.24	66.24
DISCCART	730821.38	4053881.50	66.14	66.14
DISCCART	730821.38	4053931.50	66.04	66.04
DISCCART	730821.38	4053981.50	66.00	66.00
DISCCART	730821.38	4054031.50	65.94	65.94
DISCCART	730821.38	4054081.50	65.86	65.86
DISCCART	730821.38	4054131.50	65.80	65.80
DISCCART	730821.38	4054181.50	65.74	65.74
DISCCART	730821.38	4054231.50	65.64	65.64
DISCCART	730821.38	4054281.50	65.64	65.64
DISCCART	730821.38	4054331.50	65.58	65.58
DISCCART	730821.38	4054381.50	65.54	65.54
DISCCART	730821.38	4054431.50	65.54	65.54
DISCCART	730821.38	4054481.50	65.44	65.44
DISCCART	730821.38	4054531.50	65.44	65.44
DISCCART	730821.38	4054581.50	65.44	65.44
DISCCART	730821.38	4054631.50	65.34	65.34
DISCCART	730821.38	4054681.50	65.24	65.24
DISCCART	730821.38	4054731.50	65.13	65.13
DISCCART	730821.38	4054781.50	64.96	64.96
DISCCART	730821.38	4054831.50	64.88	64.88
DISCCART	730821.38	4054881.50	64.88	64.88
DISCCART	730821.38	4054931.50	64.94	64.94
DISCCART	730821.38	4054981.50	64.94	64.94
DISCCART	730821.38	4055031.50	64.99	64.99
DISCCART	730821.38	4055081.50	65.04	65.04
DISCCART	730821.38	4055131.50	65.04	65.04
DISCCART	730821.38	4055181.50	65.08	65.08
DISCCART	730821.38	4055231.50	65.14	65.14
DISCCART	730821.38	4055281.50	65.14	65.14
DISCCART	730821.38	4055331.50	65.19	65.19
DISCCART	730821.38	4055381.50	65.24	65.24
DISCCART	730821.38	4055431.50	65.28	65.28
DISCCART	730821.38	4055481.50	65.34	65.34
DISCCART	730771.38	4052331.50	69.78	69.78
DISCCART	730771.38	4052381.50	69.47	69.47
DISCCART	730771.38	4052431.50	69.44	69.44
DISCCART	730771.38	4052481.50	69.64	69.64
DISCCART	730771.38	4052531.50	69.54	69.54
DISCCART	730771.38	4052581.50	69.43	69.43
DISCCART	730771.38	4052631.50	69.24	69.24
DISCCART	730771.38	4052681.50	69.10	69.10
DISCCART	730771.38	4052731.50	68.94	68.94
DISCCART	730771.38	4052781.50	68.80	68.80
DISCCART	730771.38	4052831.50	68.64	68.64
DISCCART	730771.38	4052881.50	68.50	68.50
DISCCART	730771.38	4052931.50	68.34	68.34
DISCCART	730771.38	4052981.50	68.24	68.24
DISCCART	730771.38	4053031.50	68.08	68.08
DISCCART	730771.38	4053081.50	67.95	67.95
DISCCART	730771.38	4053131.50	67.84	67.84
DISCCART	730771.38	4053181.50	67.74	67.74
DISCCART	730771.38	4053231.50	67.64	67.64
DISCCART	730771.38	4053281.50	67.50	67.50
DISCCART	730771.38	4053331.50	67.36	67.36
DISCCART	730771.38	4053381.50	67.24	67.24
DISCCART	730771.38	4053431.50	67.14	67.14
DISCCART	730771.38	4053481.50	67.04	67.04
DISCCART	730771.38	4053531.50	66.94	66.94
DISCCART	730771.38	4053581.50	66.80	66.80
DISCCART	730771.38	4053631.50	66.70	66.70
DISCCART	730771.38	4053681.50	66.60	66.60
DISCCART	730771.38	4053731.50	66.50	66.50
DISCCART	730771.38	4053781.50	66.40	66.40
DISCCART	730771.38	4053831.50	66.34	66.34
DISCCART	730771.38	4053881.50	66.24	66.24
DISCCART	730771.38	4053931.50	66.14	66.14
DISCCART	730771.38	4053981.50	66.05	66.05
DISCCART	730771.38	4054031.50	66.04	66.04
DISCCART	730771.38	4054081.50	65.94	65.94
DISCCART	730771.38	4054131.50	65.90	65.90
DISCCART	730771.38	4054181.50	65.84	65.84
DISCCART	730771.38	4054231.50	65.80	65.80
DISCCART	730771.38	4054281.50	65.74	65.74
DISCCART	730771.38	4054331.50	65.69	65.69
DISCCART	730771.38	4054381.50	65.64	65.64
DISCCART	730771.38	4054431.50	65.58	65.58
DISCCART	730771.38	4054481.50	65.54	65.54
DISCCART	730771.38	4054531.50	65.54	65.54
DISCCART	730771.38	4054581.50	65.44	65.44
DISCCART	730771.38	4054631.50	65.35	65.35
DISCCART	730771.38	4054681.50	65.24	65.24
DISCCART	730771.38	4054731.50	65.16	65.16
DISCCART	730771.38	4054781.50	65.06	65.06

DISCCART	730771.38	4054831.50	65.04	65.04
DISCCART	730771.38	4054881.50	65.04	65.04
DISCCART	730771.38	4054931.50	65.04	65.04
DISCCART	730771.38	4054981.50	65.09	65.09
DISCCART	730771.38	4055031.50	65.14	65.14
DISCCART	730771.38	4055081.50	65.14	65.14
DISCCART	730771.38	4055131.50	65.19	65.19
DISCCART	730771.38	4055181.50	65.24	65.24
DISCCART	730771.38	4055231.50	65.25	65.25
DISCCART	730771.38	4055281.50	65.34	65.34
DISCCART	730771.38	4055331.50	65.34	65.34
DISCCART	730771.38	4055381.50	65.39	65.39
DISCCART	730771.38	4055431.50	65.44	65.44
DISCCART	730771.38	4055481.50	65.44	65.44
DISCCART	730721.38	4052331.50	69.80	69.80
DISCCART	730721.38	4052381.50	69.48	69.48
DISCCART	730721.38	4052431.50	69.44	69.44
DISCCART	730721.38	4052481.50	69.73	69.73
DISCCART	730721.38	4052531.50	69.64	69.64
DISCCART	730721.38	4052581.50	69.46	69.46
DISCCART	730721.38	4052631.50	69.34	69.34
DISCCART	730721.38	4052681.50	69.19	69.19
DISCCART	730721.38	4052731.50	69.04	69.04
DISCCART	730721.38	4052781.50	68.87	68.87
DISCCART	730721.38	4052831.50	68.74	68.74
DISCCART	730721.38	4052881.50	68.56	68.56
DISCCART	730721.38	4052931.50	68.44	68.44
DISCCART	730721.38	4052981.50	68.33	68.33
DISCCART	730721.38	4053031.50	68.19	68.19
DISCCART	730721.38	4053081.50	68.06	68.06
DISCCART	730721.38	4053131.50	67.94	67.94
DISCCART	730721.38	4053181.50	67.84	67.84
DISCCART	730721.38	4053231.50	67.74	67.74
DISCCART	730721.38	4053281.50	67.60	67.60
DISCCART	730721.38	4053331.50	67.46	67.46
DISCCART	730721.38	4053381.50	67.34	67.34
DISCCART	730721.38	4053431.50	67.24	67.24
DISCCART	730721.38	4053481.50	67.14	67.14
DISCCART	730721.38	4053531.50	67.04	67.04
DISCCART	730721.38	4053581.50	66.94	66.94
DISCCART	730721.38	4053631.50	66.84	66.84
DISCCART	730721.38	4053681.50	66.74	66.74
DISCCART	730721.38	4053731.50	66.61	66.61
DISCCART	730721.38	4053781.50	66.50	66.50
DISCCART	730721.38	4053831.50	66.40	66.40
DISCCART	730721.38	4053881.50	66.34	66.34
DISCCART	730721.38	4053931.50	66.24	66.24
DISCCART	730721.38	4053981.50	66.14	66.14
DISCCART	730721.38	4054031.50	66.14	66.14
DISCCART	730721.38	4054081.50	66.04	66.04
DISCCART	730721.38	4054131.50	65.94	65.94
DISCCART	730721.38	4054181.50	65.94	65.94
DISCCART	730721.38	4054231.50	65.84	65.84
DISCCART	730721.38	4054281.50	65.84	65.84
DISCCART	730721.38	4054331.50	65.74	65.74
DISCCART	730721.38	4054381.50	65.74	65.74
DISCCART	730721.38	4054431.50	65.64	65.64
DISCCART	730721.38	4054481.50	65.64	65.64
DISCCART	730721.38	4054531.50	65.54	65.54
DISCCART	730721.38	4054581.50	65.54	65.54
DISCCART	730721.38	4054631.50	65.44	65.44
DISCCART	730721.38	4054681.50	65.40	65.40
DISCCART	730721.38	4054731.50	65.30	65.30
DISCCART	730721.38	4054781.50	65.24	65.24
DISCCART	730721.38	4054831.50	65.24	65.24
DISCCART	730721.38	4054881.50	65.24	65.24
DISCCART	730721.38	4054931.50	65.24	65.24
DISCCART	730721.38	4054981.50	65.24	65.24
DISCCART	730721.38	4055031.50	65.29	65.29
DISCCART	730721.38	4055081.50	65.34	65.34
DISCCART	730721.38	4055131.50	65.34	65.34
DISCCART	730721.38	4055181.50	65.38	65.38
DISCCART	730721.38	4055231.50	65.44	65.44
DISCCART	730721.38	4055281.50	65.44	65.44
DISCCART	730721.38	4055331.50	65.53	65.53
DISCCART	730721.38	4055381.50	65.54	65.54
DISCCART	730721.38	4055431.50	65.58	65.58
DISCCART	730721.38	4055481.50	65.67	65.67
DISCCART	730721.38	4055564.75	65.70	65.70
DISCCART	730721.38	4055648.25	65.84	65.84
DISCCART	730721.38	4055731.50	65.94	65.94
DISCCART	730820.00	4055564.75	65.34	65.34
DISCCART	730820.00	4055648.25	65.46	65.46
DISCCART	730820.00	4055731.50	65.62	65.62
DISCCART	730918.63	4055564.75	64.95	64.95
DISCCART	730918.63	4055648.25	65.14	65.14
DISCCART	730918.63	4055731.50	65.35	65.35
DISCCART	731017.19	4055564.75	64.85	64.85
DISCCART	731017.19	4055648.25	65.14	65.14
DISCCART	731017.19	4055731.50	65.14	65.14
DISCCART	731115.81	4055564.75	64.84	64.84
DISCCART	731115.81	4055648.25	64.93	64.93
DISCCART	731115.81	4055731.50	64.86	64.86
DISCCART	731214.44	4055564.75	64.64	64.64
DISCCART	731214.44	4055648.25	64.65	64.65
DISCCART	731214.44	4055731.50	64.66	64.66
DISCCART	731313.06	4055564.75	64.37	64.37
DISCCART	731313.06	4055648.25	64.44	64.44
DISCCART	731313.06	4055731.50	64.44	64.44
DISCCART	731411.63	4055564.75	64.14	64.14
DISCCART	731411.63	4055648.25	64.24	64.24
DISCCART	731411.63	4055731.50	64.28	64.28
DISCCART	731510.25	4055564.75	63.94	63.94
DISCCART	731510.25	4055648.25	64.04	64.04
DISCCART	731510.25	4055731.50	64.05	64.05
DISCCART	731608.88	4055564.75	63.74	63.74
DISCCART	731608.88	4055648.25	63.84	63.84
DISCCART	731608.88	4055731.50	63.85	63.85
DISCCART	731707.50	4055564.75	63.54	63.54
DISCCART	731707.50	4055648.25	63.64	63.64
DISCCART	731707.50	4055731.50	63.69	63.69
DISCCART	731806.13	4055564.75	63.34	63.34
DISCCART	731806.13	4055648.25	63.44	63.44
DISCCART	731806.13	4055731.50	63.50	63.50
DISCCART	731904.69	4055564.75	63.14	63.14

DISCCART	731904.69	4055648.25	63.24	63.24
DISCCART	731904.69	4055731.50	63.34	63.34
DISCCART	732003.31	4055564.75	63.02	63.02
DISCCART	732003.31	4055648.25	63.04	63.04
DISCCART	732003.31	4055731.50	63.14	63.14
DISCCART	732101.94	4055564.75	62.84	62.84
DISCCART	732101.94	4055648.25	62.88	62.88
DISCCART	732101.94	4055731.50	62.94	62.94
DISCCART	732200.56	4055564.75	62.64	62.64
DISCCART	732200.56	4055648.25	62.74	62.74
DISCCART	732200.56	4055731.50	62.77	62.77
DISCCART	732299.13	4055564.75	62.44	62.44
DISCCART	732299.13	4055648.25	62.54	62.54
DISCCART	732299.13	4055731.50	62.60	62.60
DISCCART	732397.75	4055564.75	62.25	62.25
DISCCART	732397.75	4055648.25	62.34	62.34
DISCCART	732397.75	4055731.50	62.43	62.43
DISCCART	732496.38	4055564.75	62.05	62.05
DISCCART	732496.38	4055648.25	62.14	62.14
DISCCART	732496.38	4055731.50	62.24	62.24
DISCCART	732595.00	4055564.75	61.87	61.87
DISCCART	732595.00	4055648.25	61.94	61.94
DISCCART	732595.00	4055731.50	62.04	62.04
DISCCART	732693.63	4055564.75	61.74	61.74
DISCCART	732693.63	4055648.25	61.74	61.74
DISCCART	732693.63	4055731.50	61.84	61.84
DISCCART	732792.19	4055564.75	61.54	61.54
DISCCART	732792.19	4055648.25	61.64	61.64
DISCCART	732792.19	4055731.50	61.69	61.69
DISCCART	732890.81	4055564.75	61.44	61.44
DISCCART	732890.81	4055648.25	61.44	61.44
DISCCART	732890.81	4055731.50	61.54	61.54
DISCCART	732989.44	4055564.75	61.24	61.24
DISCCART	732989.44	4055648.25	61.32	61.32
DISCCART	732989.44	4055731.50	61.34	61.34
DISCCART	733088.06	4055564.75	61.09	61.09
DISCCART	733088.06	4055648.25	61.11	61.11
DISCCART	733088.06	4055731.50	61.14	61.14
DISCCART	733186.63	4055564.75	60.92	60.92
DISCCART	733186.63	4055648.25	60.92	60.92
DISCCART	733186.63	4055731.50	60.93	60.93
DISCCART	733285.25	4055564.75	60.74	60.74
DISCCART	733285.25	4055648.25	60.74	60.74
DISCCART	733285.25	4055731.50	60.73	60.73
DISCCART	733383.88	4055564.75	60.54	60.54
DISCCART	733383.88	4055648.25	60.54	60.54
DISCCART	733383.88	4055731.50	60.54	60.54
DISCCART	733482.50	4055564.75	60.40	60.40
DISCCART	733482.50	4055648.25	60.38	60.38
DISCCART	733482.50	4055731.50	60.34	60.34
DISCCART	733581.13	4055564.75	60.24	60.24
DISCCART	733581.13	4055648.25	60.24	60.24
DISCCART	733581.13	4055731.50	60.16	60.16
DISCCART	733679.69	4055564.75	60.04	60.04
DISCCART	733679.69	4055648.25	60.04	60.04
DISCCART	733679.69	4055731.50	60.04	60.04
DISCCART	733778.31	4055564.75	59.85	59.85
DISCCART	733778.31	4055648.25	59.84	59.84
DISCCART	733778.31	4055731.50	59.84	59.84
DISCCART	733876.94	4055564.75	59.72	59.72
DISCCART	733876.94	4055648.25	59.64	59.64
DISCCART	733876.94	4055731.50	59.64	59.64
DISCCART	733975.56	4055564.75	59.53	59.53
DISCCART	733975.56	4055648.25	59.45	59.45
DISCCART	733975.56	4055731.50	59.46	59.46
DISCCART	734074.13	4055564.75	59.34	59.34
DISCCART	734074.13	4055648.25	59.34	59.34
DISCCART	734074.13	4055731.50	59.26	59.26
DISCCART	734172.75	4055564.75	59.14	59.14
DISCCART	734172.75	4055648.25	59.14	59.14
DISCCART	734172.75	4055731.50	59.14	59.14
DISCCART	734271.38	4055564.75	58.94	58.94
DISCCART	734271.38	4055648.25	58.94	58.94
DISCCART	734271.38	4055731.50	58.94	58.94
DISCCART	734104.69	4055481.50	59.26	59.26
DISCCART	734104.69	4055383.00	59.34	59.34
DISCCART	734104.69	4055284.25	59.34	59.34
DISCCART	734104.69	4055185.75	59.44	59.44
DISCCART	734104.69	4055087.00	59.44	59.44
DISCCART	734104.69	4054988.50	59.54	59.54
DISCCART	734104.69	4054889.75	59.55	59.55
DISCCART	734104.69	4054791.25	59.64	59.64
DISCCART	734104.69	4054692.50	59.74	59.74
DISCCART	734104.69	4054594.00	59.78	59.78
DISCCART	734104.69	4054495.50	59.84	59.84
DISCCART	734104.69	4054396.75	59.94	59.94
DISCCART	734104.69	4054298.25	60.04	60.04
DISCCART	734104.69	4054199.50	60.14	60.14
DISCCART	734104.69	4054101.00	60.22	60.22
DISCCART	734104.69	4054002.25	60.34	60.34
DISCCART	734104.69	4053903.75	60.44	60.44
DISCCART	734104.69	4053805.00	60.54	60.54
DISCCART	734104.69	4053706.50	60.66	60.66
DISCCART	734104.69	4053608.00	60.84	60.84
DISCCART	734104.69	4053509.25	60.94	60.94
DISCCART	734104.69	4053410.75	61.05	61.05
DISCCART	734104.69	4053312.00	61.24	61.24
DISCCART	734104.69	4053213.50	61.34	61.34
DISCCART	734104.69	4053114.75	61.54	61.54
DISCCART	734104.69	4053016.25	61.64	61.64
DISCCART	734104.69	4052917.50	61.76	61.76
DISCCART	734104.69	4052819.00	62.04	62.04
DISCCART	734104.69	4052720.50	62.33	62.33
DISCCART	734104.69	4052621.75	62.64	62.64
DISCCART	734104.69	4052523.25	62.94	62.94
DISCCART	734104.69	4052424.50	63.24	63.24
DISCCART	734104.69	4052326.00	63.54	63.54
DISCCART	734104.69	4052227.25	63.76	63.76
DISCCART	734104.69	4052128.75	64.04	64.04
DISCCART	734104.69	4052030.00	64.24	64.24
DISCCART	734104.69	4051931.50	64.49	64.49
DISCCART	734188.06	4055481.50	59.14	59.14
DISCCART	734188.06	4055383.00	59.14	59.14
DISCCART	734188.06	4055284.25	59.24	59.24
DISCCART	734188.06	4055185.75	59.24	59.24

DISCCART	734188.06	4055087.00	59.34	59.34
DISCCART	734188.06	4054988.50	59.35	59.35
DISCCART	734188.06	4054889.75	59.44	59.44
DISCCART	734188.06	4054791.25	59.52	59.52
DISCCART	734188.06	4054692.50	59.55	59.55
DISCCART	734188.06	4054594.00	59.64	59.64
DISCCART	734188.06	4054495.50	59.74	59.74
DISCCART	734188.06	4054396.75	59.84	59.84
DISCCART	734188.06	4054298.25	59.93	59.93
DISCCART	734188.06	4054199.50	60.01	60.01
DISCCART	734188.06	4054101.00	60.12	60.12
DISCCART	734188.06	4054002.25	60.22	60.22
DISCCART	734188.06	4053903.75	60.31	60.31
DISCCART	734188.06	4053805.00	60.44	60.44
DISCCART	734188.06	4053706.50	60.54	60.54
DISCCART	734188.06	4053608.00	60.65	60.65
DISCCART	734188.06	4053509.25	60.82	60.82
DISCCART	734188.06	4053410.75	60.94	60.94
DISCCART	734188.06	4053312.00	61.10	61.10
DISCCART	734188.06	4053213.50	61.24	61.24
DISCCART	734188.06	4053114.75	61.36	61.36
DISCCART	734188.06	4053016.25	61.54	61.54
DISCCART	734188.06	4052917.50	61.69	61.69
DISCCART	734188.06	4052819.00	61.88	61.88
DISCCART	734188.06	4052720.50	62.17	62.17
DISCCART	734188.06	4052621.75	62.49	62.49
DISCCART	734188.06	4052523.25	62.84	62.84
DISCCART	734188.06	4052424.50	63.14	63.14
DISCCART	734188.06	4052326.00	63.41	63.41
DISCCART	734188.06	4052227.25	63.64	63.64
DISCCART	734188.06	4052128.75	63.90	63.90
DISCCART	734188.06	4052030.00	64.14	64.14
DISCCART	734188.06	4051931.50	64.39	64.39
DISCCART	734271.38	4055481.50	58.98	58.98
DISCCART	734271.38	4055383.00	59.04	59.04
DISCCART	734271.38	4055284.25	59.04	59.04
DISCCART	734271.38	4055185.75	59.14	59.14
DISCCART	734271.38	4055087.00	59.15	59.15
DISCCART	734271.38	4054988.50	59.24	59.24
DISCCART	734271.38	4054889.75	59.29	59.29
DISCCART	734271.38	4054791.25	59.34	59.34
DISCCART	734271.38	4054692.50	59.44	59.44
DISCCART	734271.38	4054594.00	59.54	59.54
DISCCART	734271.38	4054495.50	59.59	59.59
DISCCART	734271.38	4054396.75	59.67	59.67
DISCCART	734271.38	4054298.25	59.74	59.74
DISCCART	734271.38	4054199.50	59.84	59.84
DISCCART	734271.38	4054101.00	59.96	59.96
DISCCART	734271.38	4054002.25	60.06	60.06
DISCCART	734271.38	4053903.75	60.18	60.18
DISCCART	734271.38	4053805.00	60.33	60.33
DISCCART	734271.38	4053706.50	60.44	60.44
DISCCART	734271.38	4053608.00	60.54	60.54
DISCCART	734271.38	4053509.25	60.64	60.64
DISCCART	734271.38	4053410.75	60.84	60.84
DISCCART	734271.38	4053312.00	60.94	60.94
DISCCART	734271.38	4053213.50	61.14	61.14
DISCCART	734271.38	4053114.75	61.24	61.24
DISCCART	734271.38	4053016.25	61.44	61.44
DISCCART	734271.38	4052917.50	61.57	61.57
DISCCART	734271.38	4052819.00	61.74	61.74
DISCCART	734271.38	4052720.50	62.04	62.04
DISCCART	734271.38	4052621.75	62.36	62.36
DISCCART	734271.38	4052523.25	62.67	62.67
DISCCART	734271.38	4052424.50	62.98	62.98
DISCCART	734271.38	4052326.00	63.25	63.25
DISCCART	734271.38	4052227.25	63.54	63.54
DISCCART	734271.38	4052128.75	63.77	63.77
DISCCART	734271.38	4052030.00	64.04	64.04
DISCCART	734271.38	4051931.50	64.25	64.25
DISCCART	734021.38	4052098.25	64.24	64.24
DISCCART	734021.38	4052014.75	64.43	64.43
DISCCART	734021.38	4051931.50	64.64	64.64
DISCCART	733922.75	4052098.25	64.42	64.42
DISCCART	733922.75	4052014.75	64.57	64.57
DISCCART	733922.75	4051931.50	64.74	64.74
DISCCART	733824.13	4052098.25	64.60	64.60
DISCCART	733824.13	4052014.75	64.77	64.77
DISCCART	733824.13	4051931.50	65.03	65.03
DISCCART	733725.56	4052098.25	64.84	64.84
DISCCART	733725.56	4052014.75	65.04	65.04
DISCCART	733725.56	4051931.50	65.33	65.33
DISCCART	733626.94	4052098.25	65.05	65.05
DISCCART	733626.94	4052014.75	65.34	65.34
DISCCART	733626.94	4051931.50	65.57	65.57
DISCCART	733528.31	4052098.25	65.23	65.23
DISCCART	733528.31	4052014.75	65.54	65.54
DISCCART	733528.31	4051931.50	65.82	65.82
DISCCART	733429.69	4052098.25	65.42	65.42
DISCCART	733429.69	4052014.75	65.74	65.74
DISCCART	733429.69	4051931.50	66.01	66.01
DISCCART	733331.13	4052098.25	65.71	65.71
DISCCART	733331.13	4052014.75	65.99	65.99
DISCCART	733331.13	4051931.50	66.24	66.24
DISCCART	733232.50	4052098.25	66.02	66.02
DISCCART	733232.50	4052014.75	66.28	66.28
DISCCART	733232.50	4051931.50	66.55	66.55
DISCCART	733133.88	4052098.25	66.34	66.34
DISCCART	733133.88	4052014.75	66.64	66.64
DISCCART	733133.88	4051931.50	66.94	66.94
DISCCART	733035.25	4052098.25	66.59	66.59
DISCCART	733035.25	4052014.75	66.94	66.94
DISCCART	733035.25	4051931.50	67.29	67.29
DISCCART	732936.63	4052098.25	66.85	66.85
DISCCART	732936.63	4052014.75	67.22	67.22
DISCCART	732936.63	4051931.50	67.58	67.58
DISCCART	732838.06	4052098.25	67.14	67.14
DISCCART	732838.06	4052014.75	67.45	67.45
DISCCART	732838.06	4051931.50	67.84	67.84
DISCCART	732739.44	4052098.25	67.41	67.41
DISCCART	732739.44	4052014.75	67.73	67.73
DISCCART	732739.44	4051931.50	68.18	68.18
DISCCART	732640.81	4052098.25	67.67	67.67
DISCCART	732640.81	4052014.75	68.04	68.04
DISCCART	732640.81	4051931.50	68.60	68.60

DISCCART	732542.19	4052098.25	67.97	67.97
DISCCART	732542.19	4052014.75	68.48	68.48
DISCCART	732542.19	4051931.50	69.05	69.05
DISCCART	732443.63	4052098.25	68.41	68.41
DISCCART	732443.63	4052014.75	68.93	68.93
DISCCART	732443.63	4051931.50	69.38	69.38
DISCCART	732345.00	4052098.25	68.75	68.75
DISCCART	732345.00	4052014.75	69.24	69.24
DISCCART	732345.00	4051931.50	69.77	69.77
DISCCART	732246.38	4052098.25	69.10	69.10
DISCCART	732246.38	4052014.75	69.60	69.60
DISCCART	732246.38	4051931.50	70.12	70.12
DISCCART	732147.75	4052098.25	69.43	69.43
DISCCART	732147.75	4052014.75	69.95	69.95
DISCCART	732147.75	4051931.50	70.56	70.56
DISCCART	732049.13	4052098.25	69.71	69.71
DISCCART	732049.13	4052014.75	70.24	70.24
DISCCART	732049.13	4051931.50	70.87	70.87
DISCCART	731950.56	4052098.25	69.90	69.90
DISCCART	731950.56	4052014.75	70.52	70.52
DISCCART	731950.56	4051931.50	71.08	71.08
DISCCART	731851.94	4052098.25	70.07	70.07
DISCCART	731851.94	4052014.75	70.68	70.68
DISCCART	731851.94	4051931.50	71.18	71.18
DISCCART	731753.31	4052098.25	70.20	70.20
DISCCART	731753.31	4052014.75	70.83	70.83
DISCCART	731753.31	4051931.50	71.27	71.27
DISCCART	731654.69	4052098.25	70.31	70.31
DISCCART	731654.69	4052014.75	70.86	70.86
DISCCART	731654.69	4051931.50	71.35	71.35
DISCCART	731556.13	4052098.25	70.45	70.45
DISCCART	731556.13	4052014.75	70.96	70.96
DISCCART	731556.13	4051931.50	71.43	71.43
DISCCART	731457.50	4052098.25	70.56	70.56
DISCCART	731457.50	4052014.75	71.05	71.05
DISCCART	731457.50	4051931.50	71.48	71.48
DISCCART	731358.88	4052098.25	70.65	70.65
DISCCART	731358.88	4052014.75	71.13	71.13
DISCCART	731358.88	4051931.50	71.54	71.54
DISCCART	731260.25	4052098.25	70.71	70.71
DISCCART	731260.25	4052014.75	71.14	71.14
DISCCART	731260.25	4051931.50	71.40	71.40
DISCCART	731161.63	4052098.25	70.74	70.74
DISCCART	731161.63	4052014.75	70.95	70.95
DISCCART	731161.63	4051931.50	70.99	70.99
DISCCART	731063.06	4052098.25	70.80	70.80
DISCCART	731063.06	4052014.75	71.25	71.25
DISCCART	731063.06	4051931.50	71.47	71.47
DISCCART	730964.44	4052098.25	70.90	70.90
DISCCART	730964.44	4052014.75	71.33	71.33
DISCCART	730964.44	4051931.50	71.66	71.66
DISCCART	730865.81	4052098.25	70.95	70.95
DISCCART	730865.81	4052014.75	71.35	71.35
DISCCART	730865.81	4051931.50	71.77	71.77
DISCCART	730767.19	4052098.25	71.05	71.05
DISCCART	730767.19	4052014.75	71.46	71.46
DISCCART	730767.19	4051931.50	71.83	71.83
DISCCART	730668.63	4052098.25	71.15	71.15
DISCCART	730668.63	4052014.75	71.52	71.52
DISCCART	730668.63	4051931.50	71.94	71.94
DISCCART	730570.00	4052098.25	71.20	71.20
DISCCART	730570.00	4052014.75	71.55	71.55
DISCCART	730570.00	4051931.50	71.96	71.96
DISCCART	730471.38	4052098.25	71.24	71.24
DISCCART	730471.38	4052014.75	71.40	71.40
DISCCART	730471.38	4051931.50	71.98	71.98
DISCCART	730638.06	4052181.50	70.76	70.76
DISCCART	730638.06	4052280.00	70.32	70.32
DISCCART	730638.06	4052378.75	69.75	69.75
DISCCART	730638.06	4052477.25	69.84	69.84
DISCCART	730638.06	4052576.00	69.62	69.62
DISCCART	730638.06	4052674.50	69.34	69.34
DISCCART	730638.06	4052773.25	69.04	69.04
DISCCART	730638.06	4052871.75	68.74	68.74
DISCCART	730638.06	4052970.50	68.47	68.47
DISCCART	730638.06	4053069.00	68.24	68.24
DISCCART	730638.06	4053167.50	68.04	68.04
DISCCART	730638.06	4053266.25	67.83	67.83
DISCCART	730638.06	4053364.75	67.55	67.55
DISCCART	730638.06	4053463.50	67.34	67.34
DISCCART	730638.06	4053562.00	67.15	67.15
DISCCART	730638.06	4053660.75	66.94	66.94
DISCCART	730638.06	4053759.25	66.74	66.74
DISCCART	730638.06	4053858.00	66.53	66.53
DISCCART	730638.06	4053956.50	66.37	66.37
DISCCART	730638.06	4054055.00	66.22	66.22
DISCCART	730638.06	4054153.75	66.06	66.06
DISCCART	730638.06	4054252.25	65.95	65.95
DISCCART	730638.06	4054351.00	65.84	65.84
DISCCART	730638.06	4054449.50	65.75	65.75
DISCCART	730638.06	4054548.25	65.69	65.69
DISCCART	730638.06	4054646.75	65.64	65.64
DISCCART	730638.06	4054745.50	65.55	65.55
DISCCART	730638.06	4054844.00	65.54	65.54
DISCCART	730638.06	4054942.50	65.53	65.53
DISCCART	730638.06	4055041.25	65.55	65.55
DISCCART	730638.06	4055139.75	65.63	65.63
DISCCART	730638.06	4055238.50	65.64	65.64
DISCCART	730638.06	4055337.00	65.75	65.75
DISCCART	730638.06	4055435.75	65.85	65.85
DISCCART	730638.06	4055534.25	65.95	65.95
DISCCART	730638.06	4055633.00	66.05	66.05
DISCCART	730638.06	4055731.50	66.14	66.14
DISCCART	730554.69	4052181.50	70.84	70.84
DISCCART	730554.69	4052280.00	70.53	70.53
DISCCART	730554.69	4052378.75	70.27	70.27
DISCCART	730554.69	4052477.25	69.91	69.91
DISCCART	730554.69	4052576.00	69.72	69.72
DISCCART	730554.69	4052674.50	69.44	69.44
DISCCART	730554.69	4052773.25	69.15	69.15
DISCCART	730554.69	4052871.75	68.89	68.89
DISCCART	730554.69	4052970.50	68.64	68.64
DISCCART	730554.69	4053069.00	68.40	68.40
DISCCART	730554.69	4053167.50	68.15	68.15
DISCCART	730554.69	4053266.25	67.97	67.97

DISCCART	730554.69	4053364.75	67.74	67.74
DISCCART	730554.69	4053463.50	67.54	67.54
DISCCART	730554.69	4053562.00	67.33	67.33
DISCCART	730554.69	4053660.75	67.14	67.14
DISCCART	730554.69	4053759.25	66.89	66.89
DISCCART	730554.69	4053858.00	66.74	66.74
DISCCART	730554.69	4053956.50	66.55	66.55
DISCCART	730554.69	4054055.00	66.34	66.34
DISCCART	730554.69	4054153.75	66.25	66.25
DISCCART	730554.69	4054252.25	66.14	66.14
DISCCART	730554.69	4054351.00	66.04	66.04
DISCCART	730554.69	4054449.50	65.94	65.94
DISCCART	730554.69	4054548.25	65.84	65.84
DISCCART	730554.69	4054646.75	65.74	65.74
DISCCART	730554.69	4054745.50	65.84	65.84
DISCCART	730554.69	4054844.00	65.84	65.84
DISCCART	730554.69	4054942.50	65.84	65.84
DISCCART	730554.69	4055041.25	65.84	65.84
DISCCART	730554.69	4055139.75	65.84	65.84
DISCCART	730554.69	4055238.50	65.94	65.94
DISCCART	730554.69	4055337.00	66.03	66.03
DISCCART	730554.69	4055435.75	66.13	66.13
DISCCART	730554.69	4055534.25	66.24	66.24
DISCCART	730554.69	4055633.00	66.28	66.28
DISCCART	730554.69	4055731.50	66.43	66.43
DISCCART	730471.38	4052181.50	70.88	70.88
DISCCART	730471.38	4052280.00	70.58	70.58
DISCCART	730471.38	4052378.75	70.34	70.34
DISCCART	730471.38	4052477.25	70.07	70.07
DISCCART	730471.38	4052576.00	69.81	69.81
DISCCART	730471.38	4052674.50	69.54	69.54
DISCCART	730471.38	4052773.25	69.24	69.24
DISCCART	730471.38	4052871.75	69.03	69.03
DISCCART	730471.38	4052970.50	68.76	68.76
DISCCART	730471.38	4053069.00	68.54	68.54
DISCCART	730471.38	4053167.50	68.34	68.34
DISCCART	730471.38	4053266.25	68.14	68.14
DISCCART	730471.38	4053364.75	67.94	67.94
DISCCART	730471.38	4053463.50	67.74	67.74
DISCCART	730471.38	4053562.00	67.50	67.50
DISCCART	730471.38	4053660.75	67.34	67.34
DISCCART	730471.38	4053759.25	67.08	67.08
DISCCART	730471.38	4053858.00	66.92	66.92
DISCCART	730471.38	4053956.50	66.73	66.73
DISCCART	730471.38	4054055.00	66.50	66.50
DISCCART	730471.38	4054153.75	66.34	66.34
DISCCART	730471.38	4054252.25	66.24	66.24
DISCCART	730471.38	4054351.00	66.14	66.14
DISCCART	730471.38	4054449.50	66.04	66.04
DISCCART	730471.38	4054548.25	65.94	65.94
DISCCART	730471.38	4054646.75	65.88	65.88
DISCCART	730471.38	4054745.50	66.03	66.03
DISCCART	730471.38	4054844.00	66.05	66.05
DISCCART	730471.38	4054942.50	66.08	66.08
DISCCART	730471.38	4055041.25	66.04	66.04
DISCCART	730471.38	4055139.75	66.14	66.14
DISCCART	730471.38	4055238.50	66.14	66.14
DISCCART	730471.38	4055337.00	66.24	66.24
DISCCART	730471.38	4055435.75	66.34	66.34
DISCCART	730471.38	4055534.25	66.37	66.37
DISCCART	730471.38	4055633.00	66.54	66.54
DISCCART	730471.38	4055731.50	66.64	66.64
DISCCART	730471.38	4055981.50	66.84	66.84
DISCCART	730471.38	4056231.50	67.02	67.02
DISCCART	730710.25	4055981.50	66.14	66.14
DISCCART	730710.25	4056231.50	66.26	66.26
DISCCART	730949.13	4055981.50	65.53	65.53
DISCCART	730949.13	4056231.50	65.73	65.73
DISCCART	731188.06	4055981.50	64.94	64.94
DISCCART	731188.06	4056231.50	65.20	65.20
DISCCART	731426.94	4055981.50	64.44	64.44
DISCCART	731426.94	4056231.50	64.71	64.71
DISCCART	731665.81	4055981.50	64.02	64.02
DISCCART	731665.81	4056231.50	64.23	64.23
DISCCART	731904.69	4055981.50	63.54	63.54
DISCCART	731904.69	4056231.50	63.74	63.74
DISCCART	732143.63	4055981.50	63.07	63.07
DISCCART	732143.63	4056231.50	63.33	63.33
DISCCART	732382.50	4055981.50	62.64	62.64
DISCCART	732382.50	4056231.50	62.81	62.81
DISCCART	732621.38	4055981.50	62.15	62.15
DISCCART	732621.38	4056231.50	62.24	62.24
DISCCART	732860.25	4055981.50	61.74	61.74
DISCCART	732860.25	4056231.50	61.73	61.73
DISCCART	733099.13	4055981.50	61.14	61.14
DISCCART	733099.13	4056231.50	61.14	61.14
DISCCART	733338.06	4055981.50	60.54	60.54
DISCCART	733338.06	4056231.50	60.54	60.54
DISCCART	733576.94	4055981.50	60.15	60.15
DISCCART	733576.94	4056231.50	60.14	60.14
DISCCART	733815.81	4055981.50	59.74	59.74
DISCCART	733815.81	4056231.50	59.74	59.74
DISCCART	734054.69	4055981.50	59.27	59.27
DISCCART	734054.69	4056231.50	59.24	59.24
DISCCART	734293.63	4055981.50	58.84	58.84
DISCCART	734293.63	4056231.50	58.77	58.77
DISCCART	734532.50	4055981.50	58.42	58.42
DISCCART	734532.50	4056231.50	58.34	58.34
DISCCART	734771.38	4055981.50	57.92	57.92
DISCCART	734771.38	4056231.50	57.82	57.82
DISCCART	734521.38	4055731.50	58.44	58.44
DISCCART	734521.38	4055492.50	58.54	58.54
DISCCART	734521.38	4055253.75	58.64	58.64
DISCCART	734521.38	4055014.75	58.77	58.77
DISCCART	734521.38	4054776.00	58.94	58.94
DISCCART	734521.38	4054537.00	59.14	59.14
DISCCART	734521.38	4054298.25	59.39	59.39
DISCCART	734521.38	4054059.25	59.64	59.64
DISCCART	734521.38	4053820.50	59.94	59.94
DISCCART	734521.38	4053581.50	60.14	60.14
DISCCART	734521.38	4053342.50	60.54	60.54
DISCCART	734521.38	4053103.75	60.94	60.94
DISCCART	734521.38	4052864.75	61.44	61.44
DISCCART	734521.38	4052626.00	61.97	61.97
DISCCART	734521.38	4052387.00	62.65	62.65

DISCCART	734521.38	4052148.25	63.24	63.24
DISCCART	734521.38	4051909.25	63.92	63.92
DISCCART	734521.38	4051670.50	64.64	64.64
DISCCART	734521.38	4051431.50	65.44	65.44
DISCCART	734771.38	4055731.50	58.01	58.01
DISCCART	734771.38	4055492.50	58.12	58.12
DISCCART	734771.38	4055253.75	58.32	58.32
DISCCART	734771.38	4055014.75	58.42	58.42
DISCCART	734771.38	4054776.00	58.52	58.52
DISCCART	734771.38	4054537.00	58.72	58.72
DISCCART	734771.38	4054298.25	59.02	59.02
DISCCART	734771.38	4054059.25	59.32	59.32
DISCCART	734771.38	4053820.50	59.52	59.52
DISCCART	734771.38	4053581.50	59.82	59.82
DISCCART	734771.38	4053342.50	60.13	60.13
DISCCART	734771.38	4053103.75	60.63	60.63
DISCCART	734771.38	4052864.75	61.13	61.13
DISCCART	734771.38	4052626.00	61.61	61.61
DISCCART	734771.38	4052387.00	62.21	62.21
DISCCART	734771.38	4052148.25	62.83	62.83
DISCCART	734771.38	4051909.25	63.36	63.36
DISCCART	734771.38	4051670.50	64.22	64.22
DISCCART	734771.38	4051431.50	64.95	64.95
DISCCART	734271.38	4051681.50	65.04	65.04
DISCCART	734271.38	4051431.50	65.93	65.93
DISCCART	734032.50	4051681.50	65.53	65.53
DISCCART	734032.50	4051431.50	66.54	66.54
DISCCART	733793.63	4051681.50	66.08	66.08
DISCCART	733793.63	4051431.50	67.04	67.04
DISCCART	733554.69	4051681.50	66.64	66.64
DISCCART	733554.69	4051431.50	67.55	67.55
DISCCART	733315.81	4051681.50	67.29	67.29
DISCCART	733315.81	4051431.50	68.38	68.38
DISCCART	733076.94	4051681.50	68.23	68.23
DISCCART	733076.94	4051431.50	69.52	69.52
DISCCART	732838.06	4051681.50	69.46	69.46
DISCCART	732838.06	4051431.50	70.52	70.52
DISCCART	732599.13	4051681.50	70.26	70.26
DISCCART	732599.13	4051431.50	71.52	71.52
DISCCART	732360.25	4051681.50	71.11	71.11
DISCCART	732360.25	4051431.50	72.48	72.48
DISCCART	732121.38	4051681.50	72.05	72.05
DISCCART	732121.38	4051431.50	73.14	73.14
DISCCART	731882.50	4051681.50	72.54	72.54
DISCCART	731882.50	4051431.50	73.64	73.64
DISCCART	731643.63	4051681.50	72.74	72.74
DISCCART	731643.63	4051431.50	73.93	73.93
DISCCART	731404.69	4051681.50	72.73	72.73
DISCCART	731404.69	4051431.50	74.04	74.04
DISCCART	731165.81	4051681.50	72.53	72.53
DISCCART	731165.81	4051431.50	74.05	74.05
DISCCART	730926.94	4051681.50	72.93	72.93
DISCCART	730926.94	4051431.50	74.13	74.13
DISCCART	730688.06	4051681.50	73.03	73.03
DISCCART	730688.06	4051431.50	74.16	74.16
DISCCART	730449.13	4051681.50	72.78	72.78
DISCCART	730449.13	4051431.50	74.18	74.18
DISCCART	730210.25	4051681.50	73.13	73.13
DISCCART	730210.25	4051431.50	74.27	74.27
DISCCART	729971.38	4051681.50	73.34	73.34
DISCCART	729971.38	4051431.50	74.40	74.40
DISCCART	730221.38	4051931.50	72.17	72.17
DISCCART	730221.38	4052170.50	71.17	71.17
DISCCART	730221.38	4052409.25	70.46	70.46
DISCCART	730221.38	4052648.25	69.90	69.90
DISCCART	730221.38	4052887.00	69.32	69.32
DISCCART	730221.38	4053126.00	68.84	68.84
DISCCART	730221.38	4053364.75	68.34	68.34
DISCCART	730221.38	4053603.75	67.92	67.92
DISCCART	730221.38	4053842.50	67.44	67.44
DISCCART	730221.38	4054081.50	67.04	67.04
DISCCART	730221.38	4054320.50	66.66	66.66
DISCCART	730221.38	4054559.25	66.34	66.34
DISCCART	730221.38	4054798.25	66.39	66.39
DISCCART	730221.38	4055037.00	66.58	66.58
DISCCART	730221.38	4055276.00	66.68	66.68
DISCCART	730221.38	4055514.75	67.14	67.14
DISCCART	730221.38	4055753.75	67.39	67.39
DISCCART	730221.38	4055992.50	67.64	67.64
DISCCART	730221.38	4056231.50	67.83	67.83
DISCCART	729971.38	4051931.50	72.34	72.34
DISCCART	729971.38	4052170.50	71.51	71.51
DISCCART	729971.38	4052409.25	70.75	70.75
DISCCART	729971.38	4052648.25	70.24	70.24
DISCCART	729971.38	4052887.00	69.74	69.74
DISCCART	729971.38	4053126.00	69.24	69.24
DISCCART	729971.38	4053364.75	68.83	68.83
DISCCART	729971.38	4053603.75	68.39	68.39
DISCCART	729971.38	4053842.50	67.94	67.94
DISCCART	729971.38	4054081.50	67.61	67.61
DISCCART	729971.38	4054320.50	67.34	67.34
DISCCART	729971.38	4054559.25	67.19	67.19
DISCCART	729971.38	4054798.25	67.24	67.24
DISCCART	729971.38	4055037.00	67.46	67.46
DISCCART	729971.38	4055276.00	67.74	67.74
DISCCART	729971.38	4055514.75	68.03	68.03
DISCCART	729971.38	4055753.75	68.24	68.24
DISCCART	729971.38	4055992.50	68.44	68.44
DISCCART	729971.38	4056231.50	68.66	68.66
DISCCART	729971.38	4056731.50	68.95	68.95
DISCCART	729971.38	4057231.50	69.46	69.46
DISCCART	730454.69	4056731.50	67.64	67.64
DISCCART	730454.69	4057231.50	67.94	67.94
DISCCART	730938.06	4056731.50	66.06	66.06
DISCCART	730938.06	4057231.50	66.26	66.26
DISCCART	731421.38	4056731.50	64.96	64.96
DISCCART	731421.38	4057231.50	65.26	65.26
DISCCART	731904.69	4056731.50	63.84	63.84
DISCCART	731904.69	4057231.50	63.84	63.84
DISCCART	732388.06	4056731.50	62.96	62.96
DISCCART	732388.06	4057231.50	63.17	63.17
DISCCART	732871.38	4056731.50	61.70	61.70
DISCCART	732871.38	4057231.50	61.76	61.76
DISCCART	733354.69	4056731.50	60.56	60.56
DISCCART	733354.69	4057231.50	60.45	60.45

DISCCART	733838.06	4056731.50	59.56	59.56
DISCCART	733838.06	4057231.50	59.46	59.46
DISCCART	734321.38	4056731.50	58.86	58.86
DISCCART	734321.38	4057231.50	58.65	58.65
DISCCART	734804.69	4056731.50	57.76	57.76
DISCCART	734804.69	4057231.50	57.66	57.66
DISCCART	735288.06	4056731.50	56.56	56.56
DISCCART	735288.06	4057231.50	56.92	56.92
DISCCART	735771.38	4056731.50	55.46	55.46
DISCCART	735771.38	4057231.50	55.96	55.96
DISCCART	735271.38	4056231.50	56.81	56.81
DISCCART	735271.38	4055748.25	57.16	57.16
DISCCART	735271.38	4055264.75	57.61	57.61
DISCCART	735271.38	4054781.50	58.01	58.01
DISCCART	735271.38	4054298.25	58.41	58.41
DISCCART	735271.38	4053814.75	58.71	58.71
DISCCART	735271.38	4053331.50	59.51	59.51
DISCCART	735271.38	4052848.25	60.48	60.48
DISCCART	735271.38	4052364.75	61.62	61.62
DISCCART	735271.38	4051881.50	63.00	63.00
DISCCART	735271.38	4051398.25	64.46	64.46
DISCCART	735271.38	4050914.75	66.23	66.23
DISCCART	735271.38	4050431.50	68.75	68.75
DISCCART	735771.38	4056231.50	55.61	55.61
DISCCART	735771.38	4055748.25	56.31	56.31
DISCCART	735771.38	4055264.75	56.99	56.99
DISCCART	735771.38	4054781.50	57.40	57.40
DISCCART	735771.38	4054298.25	57.71	57.71
DISCCART	735771.38	4053814.75	58.15	58.15
DISCCART	735771.38	4053331.50	58.91	58.91
DISCCART	735771.38	4052848.25	59.81	59.81
DISCCART	735771.38	4052364.75	61.00	61.00
DISCCART	735771.38	4051881.50	62.34	62.34
DISCCART	735771.38	4051398.25	63.80	63.80
DISCCART	735771.38	4050914.75	65.59	65.59
DISCCART	735771.38	4050431.50	67.74	67.74
DISCCART	734771.38	4050931.50	66.99	66.99
DISCCART	734771.38	4050431.50	69.49	69.49
DISCCART	734288.06	4050931.50	67.82	67.82
DISCCART	734288.06	4050431.50	70.92	70.92
DISCCART	733804.69	4050931.50	68.98	68.98
DISCCART	733804.69	4050431.50	72.19	72.19
DISCCART	733321.38	4050931.50	71.02	71.02
DISCCART	733321.38	4050431.50	73.75	73.75
DISCCART	732838.06	4050931.50	73.22	73.22
DISCCART	732838.06	4050431.50	75.57	75.57
DISCCART	732354.69	4050931.50	74.65	74.65
DISCCART	732354.69	4050431.50	77.39	77.39
DISCCART	731871.38	4050931.50	75.97	75.97
DISCCART	731871.38	4050431.50	78.64	78.64
DISCCART	731388.06	4050931.50	76.83	76.83
DISCCART	731388.06	4050431.50	80.02	80.02
DISCCART	730904.69	4050931.50	77.27	77.27
DISCCART	730904.69	4050431.50	80.78	80.78
DISCCART	730421.38	4050931.50	76.86	76.86
DISCCART	730421.38	4050431.50	80.10	80.10
DISCCART	729938.06	4050931.50	77.28	77.28
DISCCART	729938.06	4050431.50	80.37	80.37
DISCCART	729454.69	4050931.50	77.29	77.29
DISCCART	729454.69	4050431.50	80.75	80.75
DISCCART	728971.38	4050931.50	78.35	78.35
DISCCART	728971.38	4050431.50	81.77	81.77
DISCCART	729471.38	4051431.50	74.90	74.90
DISCCART	729471.38	4051914.75	72.98	72.98
DISCCART	729471.38	4052398.25	71.78	71.78
DISCCART	729471.38	4052881.50	70.79	70.79
DISCCART	729471.38	4053364.75	69.94	69.94
DISCCART	729471.38	4053848.25	69.17	69.17
DISCCART	729471.38	4054331.50	68.79	68.79
DISCCART	729471.38	4054814.75	68.98	68.98
DISCCART	729471.38	4055298.25	69.54	69.54
DISCCART	729471.38	4055781.50	69.84	69.84
DISCCART	729471.38	4056264.75	70.16	70.16
DISCCART	729471.38	4056748.25	70.46	70.46
DISCCART	729471.38	4057231.50	70.90	70.90
DISCCART	728971.38	4051431.50	76.34	76.34
DISCCART	728971.38	4051914.75	74.79	74.79
DISCCART	728971.38	4052398.25	73.44	73.44
DISCCART	728971.38	4052881.50	72.43	72.43
DISCCART	728971.38	4053364.75	71.79	71.79
DISCCART	728971.38	4053848.25	71.09	71.09
DISCCART	728971.38	4054331.50	70.58	70.58
DISCCART	728971.38	4054814.75	70.64	70.64
DISCCART	728971.38	4055298.25	70.99	70.99
DISCCART	728971.38	4055781.50	71.38	71.38
DISCCART	728971.38	4056264.75	71.71	71.71
DISCCART	728971.38	4056748.25	72.16	72.16
DISCCART	728971.38	4057231.50	72.96	72.96
** DESCRREC	"FENCEINT"	"CARTESIAN PLANT	BOUNDARY	INTERMEDIATE RECEPTORS"
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94

DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
** DESCRREC	"FENCEPRI"	"CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"		
DISCCART	731186.90	4054769.34	64.74	64.74
DISCCART	731900.30	4054798.88	62.94	62.94
DISCCART	731929.72	4054094.66	63.24	63.24
DISCCART	731216.10	4054065.49	64.94	64.94
** DESCRREC	"FENCEINT"	"CARTESIAN PLANT BOUNDARY INTERMEDIATE RECEPTORS"		
DISCCART	731211.50	4054770.36	64.64	64.64
DISCCART	731236.10	4054771.38	64.56	64.56
DISCCART	731260.70	4054772.40	64.47	64.47
DISCCART	731285.30	4054773.41	64.38	64.38
DISCCART	731309.90	4054774.43	64.24	64.24
DISCCART	731334.50	4054775.45	64.16	64.16
DISCCART	731359.10	4054776.47	64.08	64.08
DISCCART	731383.70	4054777.49	63.96	63.96
DISCCART	731408.30	4054778.51	63.84	63.84
DISCCART	731432.90	4054779.53	63.75	63.75
DISCCART	731457.50	4054780.54	63.65	63.65
DISCCART	731482.10	4054781.56	63.64	63.64
DISCCART	731506.70	4054782.58	63.54	63.54
DISCCART	731531.30	4054783.60	63.54	63.54
DISCCART	731555.90	4054784.62	63.44	63.44
DISCCART	731580.50	4054785.64	63.34	63.34
DISCCART	731605.10	4054786.66	63.34	63.34
DISCCART	731629.70	4054787.68	63.24	63.24
DISCCART	731654.30	4054788.69	63.24	63.24
DISCCART	731678.90	4054789.71	63.24	63.24
DISCCART	731703.50	4054790.73	63.15	63.15
DISCCART	731728.10	4054791.75	63.14	63.14
DISCCART	731752.70	4054792.77	63.14	63.14
DISCCART	731777.30	4054793.79	63.12	63.12
DISCCART	731801.90	4054794.81	63.04	63.04
DISCCART	731826.50	4054795.82	63.04	63.04
DISCCART	731851.10	4054796.84	62.98	62.98
DISCCART	731875.70	4054797.86	62.94	62.94
DISCCART	731901.31	4054774.60	62.94	62.94
DISCCART	731902.33	4054750.31	62.94	62.94
DISCCART	731903.34	4054726.03	62.94	62.94
DISCCART	731904.36	4054701.75	62.94	62.94
DISCCART	731905.37	4054677.46	62.94	62.94
DISCCART	731906.39	4054653.18	62.94	62.94
DISCCART	731907.40	4054628.90	62.94	62.94
DISCCART	731908.42	4054604.61	62.95	62.95
DISCCART	731909.43	4054580.33	63.00	63.00
DISCCART	731910.44	4054556.05	63.04	63.04
DISCCART	731911.46	4054531.76	63.04	63.04
DISCCART	731912.47	4054507.48	63.04	63.04
DISCCART	731913.49	4054483.20	63.04	63.04
DISCCART	731914.50	4054458.91	63.04	63.04
DISCCART	731915.52	4054434.63	63.04	63.04
DISCCART	731916.53	4054410.34	63.04	63.04
DISCCART	731917.55	4054386.06	63.05	63.05
DISCCART	731918.56	4054361.78	63.12	63.12
DISCCART	731919.58	4054337.49	63.14	63.14
DISCCART	731920.59	4054313.21	63.14	63.14
DISCCART	731921.60	4054288.93	63.14	63.14
DISCCART	731922.62	4054264.64	63.14	63.14
DISCCART	731923.63	4054240.36	63.14	63.14
DISCCART	731924.65	4054216.08	63.16	63.16
DISCCART	731925.66	4054191.79	63.23	63.23
DISCCART	731926.68	4054167.51	63.24	63.24
DISCCART	731927.69	4054143.23	63.24	63.24
DISCCART	731928.71	4054118.94	63.24	63.24
DISCCART	731905.11	4054093.65	63.34	63.34
DISCCART	731880.50	4054092.65	63.36	63.36
DISCCART	731855.90	4054091.64	63.53	63.53
DISCCART	731831.29	4054090.64	63.71	63.71
DISCCART	731806.68	4054089.63	63.83	63.83
DISCCART	731782.07	4054088.62	63.96	63.96
DISCCART	731757.47	4054087.62	64.13	64.13
DISCCART	731732.86	4054086.61	64.21	64.21
DISCCART	731708.25	4054085.61	64.33	64.33
DISCCART	731683.64	4054084.60	64.42	64.42
DISCCART	731659.04	4054083.60	64.47	64.47
DISCCART	731634.43	4054082.59	64.49	64.49
DISCCART	731609.82	4054081.58	64.53	64.53
DISCCART	731585.21	4054080.58	64.54	64.54
DISCCART	731560.61	4054079.57	64.54	64.54
DISCCART	731536.00	4054078.57	64.61	64.61
DISCCART	731511.39	4054077.56	64.61	64.61
DISCCART	731486.78	4054076.55	64.61	64.61
DISCCART	731462.18	4054075.55	64.54	64.54
DISCCART	731437.57	4054074.54	64.55	64.55
DISCCART	731412.96	4054073.54	64.58	64.58
DISCCART	731388.35	4054072.53	64.64	64.64
DISCCART	731363.75	4054071.53	64.64	64.64
DISCCART	731339.14	4054070.52	64.70	64.70
DISCCART	731314.53	4054069.51	64.74	64.74
DISCCART	731289.92	4054068.51	64.84	64.84
DISCCART	731265.32	4054067.50	64.85	64.85
DISCCART	731240.71	4054066.50	64.94	64.94
DISCCART	731215.09	4054089.76	64.94	64.94
DISCCART	731214.09	4054114.03	64.94	64.94
DISCCART	731213.08	4054138.30	64.94	64.94
DISCCART	731212.07	4054162.57	64.88	64.88
DISCCART	731211.07	4054186.84	64.84	64.84
DISCCART	731210.06	4054211.11	64.84	64.84
DISCCART	731209.05	4054235.38	64.80	64.80
DISCCART	731208.04	4054259.66	64.75	64.75
DISCCART	731207.04	4054283.93	64.74	64.74
DISCCART	731206.03	4054308.20	64.74	64.74
DISCCART	731205.02	4054332.47	64.74	64.74
DISCCART	731204.02	4054356.74	64.74	64.74
DISCCART	731203.01	4054381.01	64.74	64.74
DISCCART	731202.00	4054405.28	64.74	64.74
DISCCART	731201.00	4054429.55	64.74	64.74
DISCCART	731199.99	4054453.82	64.74	64.74
DISCCART	731198.98	4054478.09	64.74	64.74
DISCCART	731197.98	4054502.36	64.74	64.74
DISCCART	731196.97	4054526.63	64.74	64.74
DISCCART	731195.96	4054550.90	64.73	64.73
DISCCART	731194.96	4054575.17	64.74	64.74
DISCCART	731193.95	4054599.45	64.74	64.74
DISCCART	731192.94	4054623.72	64.74	64.74

DISCCART	731191.93	4054647.99	64.74	64.74
DISCCART	731190.93	4054672.26	64.74	64.74
DISCCART	731189.92	4054696.53	64.74	64.74
DISCCART	731188.91	4054720.80	64.74	64.74
DISCCART	731187.91	4054745.07	64.74	64.74
** DESCRREC	"FENCEPR1"	"CARTESIAN PLANT	BOUNDARY PRIMARY RECEPTORS"	
DISCCART	731943.69	4055189.34	62.94	62.94
DISCCART	733338.57	4055256.58	60.64	60.64
DISCCART	733353.25	4055248.33	60.57	60.57
DISCCART	733468.44	4055248.68	60.35	60.35
DISCCART	733489.84	4055033.32	60.54	60.54
DISCCART	733500.36	4054801.88	60.64	60.64
DISCCART	733510.16	4054233.64	61.04	61.04
DISCCART	733496.77	4054123.78	61.14	61.14
DISCCART	732004.98	4054061.70	63.24	63.24
DISCCART	731983.73	4054169.31	63.14	63.14
DISCCART	731948.04	4054949.17	62.84	62.84
** DESCRREC	"FENCEINT"	"CARTESIAN PLANT	BOUNDARY INTERMEDIATE RECEPTORS"	
DISCCART	731968.60	4055190.54	62.91	62.91
DISCCART	731993.51	4055191.74	62.84	62.84
DISCCART	732018.42	4055192.94	62.84	62.84
DISCCART	732043.32	4055194.14	62.74	62.74
DISCCART	732068.23	4055195.34	62.74	62.74
DISCCART	732093.14	4055196.54	62.68	62.68
DISCCART	732118.05	4055197.75	62.64	62.64
DISCCART	732142.96	4055198.95	62.63	62.63
DISCCART	732167.87	4055200.15	62.54	62.54
DISCCART	732192.78	4055201.35	62.51	62.51
DISCCART	732217.68	4055202.55	62.44	62.44
DISCCART	732242.59	4055203.75	62.43	62.43
DISCCART	732267.50	4055204.95	62.34	62.34
DISCCART	732292.41	4055206.15	62.34	62.34
DISCCART	732317.32	4055207.35	62.25	62.25
DISCCART	732342.23	4055208.55	62.24	62.24
DISCCART	732367.14	4055209.75	62.16	62.16
DISCCART	732392.04	4055210.95	62.14	62.14
DISCCART	732416.95	4055212.15	62.11	62.11
DISCCART	732441.86	4055213.35	62.04	62.04
DISCCART	732466.77	4055214.56	62.02	62.02
DISCCART	732491.68	4055215.76	61.94	61.94
DISCCART	732516.59	4055216.96	61.94	61.94
DISCCART	732541.50	4055218.16	61.84	61.84
DISCCART	732566.40	4055219.36	61.84	61.84
DISCCART	732591.31	4055220.56	61.74	61.74
DISCCART	732616.22	4055221.76	61.74	61.74
DISCCART	732641.13	4055222.96	61.73	61.73
DISCCART	732666.04	4055224.16	61.64	61.64
DISCCART	732690.95	4055225.36	61.64	61.64
DISCCART	732715.86	4055226.56	61.56	61.56
DISCCART	732740.76	4055227.76	61.54	61.54
DISCCART	732765.67	4055228.96	61.54	61.54
DISCCART	732790.58	4055230.16	61.49	61.49
DISCCART	732815.49	4055231.37	61.44	61.44
DISCCART	732840.40	4055232.57	61.44	61.44
DISCCART	732865.31	4055233.77	61.36	61.36
DISCCART	732890.22	4055234.97	61.34	61.34
DISCCART	732915.12	4055236.17	61.34	61.34
DISCCART	732940.03	4055237.37	61.25	61.25
DISCCART	732964.94	4055238.57	61.24	61.24
DISCCART	732989.85	4055239.77	61.24	61.24
DISCCART	733014.76	4055240.97	61.14	61.14
DISCCART	733039.67	4055242.17	61.14	61.14
DISCCART	733064.58	4055243.37	61.06	61.06
DISCCART	733089.48	4055244.57	61.04	61.04
DISCCART	733114.39	4055245.77	61.01	61.01
DISCCART	733139.30	4055246.97	60.94	60.94
DISCCART	733164.21	4055248.18	60.93	60.93
DISCCART	733189.12	4055249.38	60.84	60.84
DISCCART	733214.03	4055250.58	60.84	60.84
DISCCART	733238.94	4055251.78	60.75	60.75
DISCCART	733263.84	4055252.98	60.74	60.74
DISCCART	733288.75	4055254.18	60.70	60.70
DISCCART	733313.66	4055255.38	60.64	60.64
DISCCART	733376.29	4055248.40	60.54	60.54
DISCCART	733399.33	4055248.47	60.50	60.50
DISCCART	733422.36	4055248.54	60.44	60.44
DISCCART	733445.40	4055248.61	60.44	60.44
DISCCART	733470.82	4055224.75	60.38	60.38
DISCCART	733473.20	4055200.82	60.40	60.40
DISCCART	733475.57	4055176.89	60.44	60.44
DISCCART	733477.95	4055152.96	60.44	60.44
DISCCART	733480.33	4055129.04	60.44	60.44
DISCCART	733482.71	4055105.11	60.47	60.47
DISCCART	733485.08	4055081.18	60.45	60.45
DISCCART	733487.46	4055057.25	60.52	60.52
DISCCART	733490.89	4055010.18	60.54	60.54
DISCCART	733491.94	4054987.03	60.54	60.54
DISCCART	733493.00	4054963.89	60.54	60.54
DISCCART	733494.05	4054940.74	60.54	60.54
DISCCART	733495.10	4054917.60	60.54	60.54
DISCCART	733496.15	4054894.46	60.54	60.54
DISCCART	733497.20	4054871.31	60.55	60.55
DISCCART	733498.26	4054848.17	60.55	60.55
DISCCART	733499.31	4054825.02	60.61	60.61
DISCCART	733500.79	4054777.17	60.64	60.64
DISCCART	733501.21	4054752.47	60.64	60.64
DISCCART	733501.64	4054727.76	60.64	60.64
DISCCART	733502.06	4054703.06	60.64	60.64
DISCCART	733502.49	4054678.35	60.64	60.64
DISCCART	733502.92	4054653.64	60.68	60.68
DISCCART	733503.34	4054628.94	60.74	60.74
DISCCART	733503.77	4054604.23	60.74	60.74
DISCCART	733504.19	4054579.53	60.74	60.74
DISCCART	733504.62	4054554.82	60.74	60.74
DISCCART	733505.05	4054530.11	60.74	60.74
DISCCART	733505.47	4054505.41	60.76	60.76
DISCCART	733505.90	4054480.70	60.82	60.82
DISCCART	733506.33	4054455.99	60.84	60.84
DISCCART	733506.75	4054431.29	60.84	60.84
DISCCART	733507.18	4054406.58	60.84	60.84
DISCCART	733507.60	4054381.88	60.85	60.85
DISCCART	733508.03	4054357.17	60.91	60.91
DISCCART	733508.46	4054332.46	60.94	60.94
DISCCART	733508.88	4054307.76	60.94	60.94
DISCCART	733509.31	4054283.05	60.94	60.94

DISCCART	733509.73	4054258.35	60.94	60.94
DISCCART	733507.48	4054211.67	61.04	61.04
DISCCART	733504.80	4054189.70	61.04	61.04
DISCCART	733502.13	4054167.72	61.08	61.08
DISCCART	733499.45	4054145.75	61.14	61.14
DISCCART	733471.91	4054122.75	61.15	61.15
DISCCART	733447.04	4054121.71	61.23	61.23
DISCCART	733422.18	4054120.68	61.24	61.24
DISCCART	733397.32	4054119.64	61.24	61.24
DISCCART	733372.45	4054118.61	61.33	61.33
DISCCART	733347.59	4054117.57	61.34	61.34
DISCCART	733322.73	4054116.54	61.34	61.34
DISCCART	733297.86	4054115.50	61.44	61.44
DISCCART	733273.00	4054114.47	61.44	61.44
DISCCART	733248.14	4054113.43	61.45	61.45
DISCCART	733223.28	4054112.40	61.54	61.54
DISCCART	733198.41	4054111.36	61.54	61.54
DISCCART	733173.55	4054110.33	61.59	61.59
DISCCART	733148.69	4054109.29	61.64	61.64
DISCCART	733123.82	4054108.26	61.64	61.64
DISCCART	733098.96	4054107.23	61.73	61.73
DISCCART	733074.10	4054106.19	61.74	61.74
DISCCART	733049.23	4054105.16	61.74	61.74
DISCCART	733024.37	4054104.12	61.82	61.82
DISCCART	732999.51	4054103.09	61.84	61.84
DISCCART	732974.64	4054102.05	61.85	61.85
DISCCART	732949.78	4054101.02	61.94	61.94
DISCCART	732924.92	4054099.98	61.94	61.94
DISCCART	732900.05	4054098.95	61.94	61.94
DISCCART	732875.19	4054097.91	62.04	62.04
DISCCART	732850.33	4054096.88	62.04	62.04
DISCCART	732825.46	4054095.84	62.06	62.06
DISCCART	732800.60	4054094.81	62.14	62.14
DISCCART	732775.74	4054093.77	62.14	62.14
DISCCART	732750.88	4054092.74	62.20	62.20
DISCCART	732726.01	4054091.71	62.24	62.24
DISCCART	732701.15	4054090.67	62.24	62.24
DISCCART	732676.29	4054089.64	62.29	62.29
DISCCART	732651.42	4054088.60	62.34	62.34
DISCCART	732626.56	4054087.57	62.34	62.34
DISCCART	732601.70	4054086.53	62.43	62.43
DISCCART	732576.83	4054085.50	62.44	62.44
DISCCART	732551.97	4054084.46	62.44	62.44
DISCCART	732527.11	4054083.43	62.45	62.45
DISCCART	732502.24	4054082.39	62.54	62.54
DISCCART	732477.38	4054081.36	62.54	62.54
DISCCART	732452.52	4054080.32	62.58	62.58
DISCCART	732427.65	4054079.29	62.64	62.64
DISCCART	732402.79	4054078.25	62.64	62.64
DISCCART	732377.93	4054077.22	62.68	62.68
DISCCART	732353.06	4054076.19	62.74	62.74
DISCCART	732328.20	4054075.15	62.74	62.74
DISCCART	732303.34	4054074.12	62.83	62.83
DISCCART	732278.47	4054073.08	62.84	62.84
DISCCART	732253.61	4054072.05	62.84	62.84
DISCCART	732228.75	4054071.01	62.92	62.92
DISCCART	732203.89	4054069.98	62.94	62.94
DISCCART	732179.02	4054068.94	62.94	62.94
DISCCART	732154.16	4054067.91	63.04	63.04
DISCCART	732129.30	4054066.87	63.04	63.04
DISCCART	732104.43	4054065.84	63.06	63.06
DISCCART	732079.57	4054064.80	63.14	63.14
DISCCART	732054.71	4054063.77	63.14	63.14
DISCCART	732029.84	4054062.73	63.24	63.24
DISCCART	732000.73	4054061.69	63.24	63.24
DISCCART	731996.48	4054104.74	63.17	63.17
DISCCART	731992.23	4054126.27	63.14	63.14
DISCCART	731987.98	4054147.79	63.14	63.14
DISCCART	731982.61	4054193.68	63.14	63.14
DISCCART	731981.50	4054218.05	63.14	63.14
DISCCART	731980.38	4054242.42	63.10	63.10
DISCCART	731979.27	4054266.79	63.05	63.05
DISCCART	731978.15	4054291.16	63.04	63.04
DISCCART	731977.04	4054315.53	63.04	63.04
DISCCART	731975.92	4054339.90	63.04	63.04
DISCCART	731974.81	4054364.28	63.04	63.04
DISCCART	731973.69	4054388.65	63.04	63.04
DISCCART	731972.58	4054413.02	63.02	63.02
DISCCART	731971.46	4054437.39	62.97	62.97
DISCCART	731970.35	4054461.76	62.94	62.94
DISCCART	731969.23	4054486.13	62.94	62.94
DISCCART	731968.12	4054510.50	62.94	62.94
DISCCART	731967.00	4054534.87	62.94	62.94
DISCCART	731965.89	4054559.24	62.94	62.94
DISCCART	731964.77	4054583.61	62.94	62.94
DISCCART	731963.65	4054607.98	62.94	62.94
DISCCART	731962.54	4054632.35	62.94	62.94
DISCCART	731961.42	4054656.72	62.88	62.88
DISCCART	731960.31	4054681.09	62.85	62.85
DISCCART	731959.19	4054705.46	62.84	62.84
DISCCART	731958.08	4054729.83	62.84	62.84
DISCCART	731956.96	4054754.21	62.84	62.84
DISCCART	731955.85	4054778.58	62.84	62.84
DISCCART	731954.73	4054802.95	62.84	62.84
DISCCART	731953.62	4054827.32	62.84	62.84
DISCCART	731952.50	4054851.69	62.84	62.84
DISCCART	731951.39	4054876.06	62.84	62.84
DISCCART	731950.27	4054900.43	62.84	62.84
DISCCART	731949.16	4054924.80	62.84	62.84
DISCCART	731947.61	4054973.19	62.84	62.84
DISCCART	731947.17	4054997.20	62.84	62.84
DISCCART	731946.74	4055021.22	62.84	62.84
DISCCART	731946.30	4055045.24	62.85	62.85
DISCCART	731945.87	4055069.26	62.93	62.93
DISCCART	731945.43	4055093.27	62.93	62.93
DISCCART	731945.00	4055117.29	62.94	62.94
DISCCART	731944.56	4055141.31	62.94	62.94
DISCCART	731944.13	4055165.32	62.94	62.94
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"				
DISCCART	731215.24	4053954.55	65.04	65.04
DISCCART	731932.86	4053984.58	65.04	65.04
DISCCART	731968.42	4053126.00	65.43	65.43
DISCCART	731771.32	4053117.96	65.84	65.84
DISCCART	731777.42	4052972.13	66.14	66.14
DISCCART	731957.15	4052979.60	65.93	65.93

DISCCART	731962.24	4052851.84	66.34	66.34
DISCCART	731262.36	4052816.32	67.74	67.74
**	DESCRREC	"FENCINT" "CARTESIAN PLANT	BOUNDARY	INTERMEDIATE RECEPTORS"
DISCCART	731239.99	4053955.59	65.02	65.02
DISCCART	731264.73	4053956.62	65.02	65.02
DISCCART	731289.48	4053957.66	65.01	65.01
DISCCART	731314.22	4053958.69	64.94	64.94
DISCCART	731338.97	4053959.73	64.94	64.94
DISCCART	731363.71	4053960.76	64.94	64.94
DISCCART	731388.46	4053961.80	64.94	64.94
DISCCART	731413.20	4053962.83	64.94	64.94
DISCCART	731437.95	4053963.87	64.94	64.94
DISCCART	731462.70	4053964.91	64.94	64.94
DISCCART	731487.44	4053965.94	64.94	64.94
DISCCART	731512.19	4053966.98	64.94	64.94
DISCCART	731536.93	4053968.01	64.94	64.94
DISCCART	731561.68	4053969.05	64.94	64.94
DISCCART	731586.42	4053970.08	64.94	64.94
DISCCART	731611.17	4053971.12	64.94	64.94
DISCCART	731635.91	4053972.15	64.94	64.94
DISCCART	731660.66	4053973.19	64.94	64.94
DISCCART	731685.40	4053974.22	64.94	64.94
DISCCART	731710.15	4053975.26	64.94	64.94
DISCCART	731734.90	4053976.30	64.94	64.94
DISCCART	731759.64	4053977.33	64.94	64.94
DISCCART	731784.39	4053978.37	64.94	64.94
DISCCART	731809.13	4053979.40	64.94	64.94
DISCCART	731833.88	4053980.44	64.94	64.94
DISCCART	731858.62	4053981.47	64.94	64.94
DISCCART	731883.37	4053982.51	64.94	64.94
DISCCART	731908.11	4053983.54	64.94	64.94
DISCCART	731933.88	4053984.58	64.94	64.94
DISCCART	731934.89	4053935.52	64.93	64.93
DISCCART	731935.91	4053910.99	64.93	64.93
DISCCART	731936.92	4053886.46	64.92	64.92
DISCCART	731937.94	4053861.93	64.91	64.91
DISCCART	731938.96	4053837.39	64.91	64.91
DISCCART	731939.97	4053812.86	64.90	64.90
DISCCART	731940.99	4053788.33	64.89	64.89
DISCCART	731942.00	4053763.80	64.88	64.88
DISCCART	731943.02	4053739.27	64.87	64.87
DISCCART	731944.04	4053714.74	64.93	64.93
DISCCART	731945.05	4053690.21	64.93	64.93
DISCCART	731946.07	4053665.68	64.92	64.92
DISCCART	731947.08	4053641.15	64.91	64.91
DISCCART	731948.10	4053616.62	64.91	64.91
DISCCART	731949.12	4053592.09	64.90	64.90
DISCCART	731950.13	4053567.56	64.89	64.89
DISCCART	731951.15	4053543.02	64.88	64.88
DISCCART	731952.16	4053518.49	64.87	64.87
DISCCART	731953.18	4053493.96	64.87	64.87
DISCCART	731954.20	4053469.43	64.94	64.94
DISCCART	731955.21	4053444.90	64.94	64.94
DISCCART	731956.23	4053420.37	64.93	64.93
DISCCART	731957.24	4053395.84	64.92	64.92
DISCCART	731958.26	4053371.31	64.94	64.94
DISCCART	731959.28	4053346.78	64.94	64.94
DISCCART	731960.29	4053322.25	64.94	64.94
DISCCART	731961.31	4053297.72	65.02	65.02
DISCCART	731962.32	4053273.19	65.04	65.04
DISCCART	731963.34	4053248.65	65.11	65.11
DISCCART	731964.36	4053224.12	65.15	65.15
DISCCART	731965.37	4053199.59	65.23	65.23
DISCCART	731966.39	4053175.06	65.26	65.26
DISCCART	731967.40	4053150.53	65.35	65.35
DISCCART	731943.78	4053125.00	65.44	65.44
DISCCART	731919.15	4053123.99	65.54	65.54
DISCCART	731894.51	4053122.99	65.56	65.56
DISCCART	731869.87	4053121.98	65.64	65.64
DISCCART	731845.23	4053120.98	65.73	65.73
DISCCART	731820.60	4053119.97	65.74	65.74
DISCCART	731795.96	4053118.97	65.84	65.84
DISCCART	731772.34	4053093.66	65.88	65.88
DISCCART	731773.35	4053069.35	65.94	65.94
DISCCART	731774.37	4053045.05	65.96	65.96
DISCCART	731775.39	4053020.74	66.04	66.04
DISCCART	731776.40	4052996.44	66.11	66.11
DISCCART	731799.89	4052973.06	66.10	66.10
DISCCART	731822.35	4052974.00	66.04	66.04
DISCCART	731844.82	4052974.93	66.04	66.04
DISCCART	731867.29	4052975.87	65.95	65.95
DISCCART	731889.75	4052976.80	65.94	65.94
DISCCART	731912.22	4052977.73	65.94	65.94
DISCCART	731934.68	4052978.67	65.84	65.84
DISCCART	731958.00	4052958.31	65.93	65.93
DISCCART	731958.85	4052937.01	66.04	66.04
DISCCART	731959.70	4052915.72	66.13	66.13
DISCCART	731960.54	4052894.43	66.19	66.19
DISCCART	731961.39	4052873.13	66.34	66.34
DISCCART	731938.11	4052850.62	66.27	66.27
DISCCART	731913.97	4052849.39	66.24	66.24
DISCCART	731889.84	4052848.17	66.24	66.24
DISCCART	731865.70	4052846.94	66.31	66.31
DISCCART	731841.57	4052845.72	66.34	66.34
DISCCART	731817.44	4052844.49	66.37	66.37
DISCCART	731793.30	4052843.27	66.44	66.44
DISCCART	731769.17	4052842.04	66.51	66.51
DISCCART	731745.04	4052840.82	66.58	66.58
DISCCART	731720.90	4052839.59	66.64	66.64
DISCCART	731696.77	4052838.37	66.71	66.71
DISCCART	731672.63	4052837.14	66.76	66.76
DISCCART	731648.50	4052835.92	66.84	66.84
DISCCART	731624.37	4052834.69	66.93	66.93
DISCCART	731600.23	4052833.47	66.95	66.95
DISCCART	731576.10	4052832.24	67.04	67.04
DISCCART	731551.97	4052831.02	67.07	67.07
DISCCART	731527.83	4052829.79	67.15	67.15
DISCCART	731503.70	4052828.57	67.21	67.21
DISCCART	731479.56	4052827.34	67.25	67.25
DISCCART	731455.43	4052826.12	67.34	67.34
DISCCART	731431.30	4052824.89	67.36	67.36
DISCCART	731407.16	4052823.67	67.44	67.44
DISCCART	731383.03	4052822.44	67.49	67.49
DISCCART	731358.90	4052821.22	67.54	67.54
DISCCART	731334.76	4052819.99	67.60	67.60

DISCCART	731310.63	4052818.77	67.64	67.64
DISCCART	731286.49	4052817.54	67.70	67.70
DISCCART	731261.34	4052841.06	67.66	67.66
DISCCART	731260.31	4052865.81	67.62	67.62
DISCCART	731259.29	4052890.55	67.53	67.53
DISCCART	731258.26	4052915.30	67.44	67.44
DISCCART	731257.24	4052940.04	67.38	67.38
DISCCART	731256.21	4052964.78	67.31	67.31
DISCCART	731255.19	4052989.53	67.24	67.24
DISCCART	731254.17	4053014.27	67.14	67.14
DISCCART	731253.14	4053039.02	67.05	67.05
DISCCART	731252.12	4053063.76	67.03	67.03
DISCCART	731251.09	4053088.51	66.94	66.94
DISCCART	731250.07	4053113.25	66.84	66.84
DISCCART	731249.04	4053137.99	66.78	66.78
DISCCART	731248.02	4053162.74	66.74	66.74
DISCCART	731246.99	4053187.48	66.65	66.65
DISCCART	731245.97	4053212.23	66.59	66.59
DISCCART	731244.95	4053236.97	66.54	66.54
DISCCART	731243.92	4053261.71	66.45	66.45
DISCCART	731242.90	4053286.46	66.42	66.42
DISCCART	731241.87	4053311.20	66.34	66.34
DISCCART	731240.85	4053335.95	66.34	66.34
DISCCART	731239.82	4053360.69	66.26	66.26
DISCCART	731238.80	4053385.43	66.24	66.24
DISCCART	731237.78	4053410.18	66.24	66.24
DISCCART	731236.75	4053434.92	66.16	66.16
DISCCART	731235.73	4053459.67	66.14	66.14
DISCCART	731234.70	4053484.41	66.14	66.14
DISCCART	731233.68	4053509.16	66.05	66.05
DISCCART	731232.65	4053533.90	66.04	66.04
DISCCART	731231.63	4053558.64	66.02	66.02
DISCCART	731230.61	4053583.39	65.94	65.94
DISCCART	731229.58	4053608.13	65.94	65.94
DISCCART	731228.56	4053632.88	65.86	65.86
DISCCART	731227.53	4053657.62	65.84	65.84
DISCCART	731226.51	4053682.36	65.78	65.78
DISCCART	731225.48	4053707.11	65.74	65.74
DISCCART	731224.46	4053731.85	65.65	65.65
DISCCART	731223.43	4053756.60	65.60	65.60
DISCCART	731222.41	4053781.34	65.54	65.54
DISCCART	731221.39	4053806.09	65.45	65.45
DISCCART	731220.36	4053830.83	65.37	65.37
DISCCART	731219.34	4053855.57	65.34	65.34
DISCCART	731218.31	4053880.32	65.24	65.24
DISCCART	731217.29	4053905.06	65.15	65.15
DISCCART	731216.26	4053929.81	65.14	65.14
** DESCREC	"FENCEPRT"	"CARTESIAN PLANT	BOUNDARY PRIMARY RECEPTORS"	
DISCCART	731989.89	4053830.29	64.42	64.42
DISCCART	732108.41	4053834.79	63.25	63.25
DISCCART	732102.96	4053963.08	63.14	63.14
DISCCART	733488.46	4054020.60	61.24	61.24
DISCCART	733508.70	4053885.13	61.34	61.34
DISCCART	733535.65	4053006.59	62.64	62.64
DISCCART	733514.28	4052920.63	62.84	62.84
DISCCART	732831.80	4052891.60	64.35	64.35
DISCCART	732813.81	4053250.67	63.34	63.34
DISCCART	732785.59	4053256.36	63.34	63.34
DISCCART	732021.24	4053223.41	65.04	65.04
DISCCART	732011.35	4053237.47	65.03	65.03
DISCCART	731987.64	4053809.79	64.51	64.51
** DESCREC	"FENCEINT"	"CARTESIAN PLANT	BOUNDARY INTERMEDIATE RECEPTORS"	
DISCCART	732013.59	4053831.19	63.98	63.98
DISCCART	732037.30	4053832.09	63.64	63.64
DISCCART	732061.00	4053832.99	63.40	63.40
DISCCART	732084.71	4053833.89	63.34	63.34
DISCCART	732107.50	4053856.17	63.24	63.24
DISCCART	732106.59	4053877.55	63.24	63.24
DISCCART	732105.69	4053898.94	63.24	63.24
DISCCART	732104.78	4053920.32	63.19	63.19
DISCCART	732103.87	4053941.70	63.15	63.15
DISCCART	732127.70	4053964.11	63.14	63.14
DISCCART	732152.44	4053965.13	63.09	63.09
DISCCART	732177.18	4053966.16	63.04	63.04
DISCCART	732201.92	4053967.19	63.04	63.04
DISCCART	732226.67	4053968.22	63.03	63.03
DISCCART	732251.41	4053969.24	62.94	62.94
DISCCART	732276.15	4053970.27	62.94	62.94
DISCCART	732300.89	4053971.30	62.94	62.94
DISCCART	732325.63	4053972.32	62.84	62.84
DISCCART	732350.37	4053973.35	62.84	62.84
DISCCART	732375.11	4053974.38	62.82	62.82
DISCCART	732399.85	4053975.41	62.74	62.74
DISCCART	732424.59	4053976.43	62.74	62.74
DISCCART	732449.34	4053977.46	62.73	62.73
DISCCART	732474.08	4053978.49	62.64	62.64
DISCCART	732498.82	4053979.51	62.64	62.64
DISCCART	732523.56	4053980.54	62.64	62.64
DISCCART	732548.30	4053981.57	62.54	62.54
DISCCART	732573.04	4053982.60	62.54	62.54
DISCCART	732597.78	4053983.62	62.54	62.54
DISCCART	732622.52	4053984.65	62.53	62.53
DISCCART	732647.26	4053985.68	62.44	62.44
DISCCART	732672.00	4053986.70	62.44	62.44
DISCCART	732696.75	4053987.73	62.40	62.40
DISCCART	732721.49	4053988.76	62.34	62.34
DISCCART	732746.23	4053989.79	62.34	62.34
DISCCART	732770.97	4053990.81	62.26	62.26
DISCCART	732795.71	4053991.84	62.24	62.24
DISCCART	732820.45	4053992.87	62.24	62.24
DISCCART	732845.19	4053993.89	62.17	62.17
DISCCART	732869.93	4053994.92	62.14	62.14
DISCCART	732894.67	4053995.95	62.14	62.14
DISCCART	732919.42	4053996.98	62.05	62.05
DISCCART	732944.16	4053998.00	62.04	62.04
DISCCART	732968.90	4053999.03	62.02	62.02
DISCCART	732993.64	4054000.06	61.94	61.94
DISCCART	733018.38	4054001.08	61.94	61.94
DISCCART	733043.12	4054002.11	61.89	61.89
DISCCART	733067.86	4054003.14	61.84	61.84
DISCCART	733092.60	4054004.17	61.84	61.84
DISCCART	733117.34	4054005.19	61.75	61.75
DISCCART	733142.09	4054006.22	61.74	61.74
DISCCART	733166.83	4054007.25	61.74	61.74
DISCCART	733191.57	4054008.27	61.64	61.64

DISCCART	733216.31	4054009.30	61.64	61.64
DISCCART	733241.05	4054010.33	61.61	61.61
DISCCART	733265.79	4054011.36	61.54	61.54
DISCCART	733290.53	4054012.38	61.54	61.54
DISCCART	733315.27	4054013.41	61.46	61.46
DISCCART	733340.01	4054014.44	61.44	61.44
DISCCART	733364.75	4054015.46	61.44	61.44
DISCCART	733389.50	4054016.49	61.35	61.35
DISCCART	733414.24	4054017.52	61.34	61.34
DISCCART	733438.98	4054018.55	61.33	61.33
DISCCART	733463.72	4054019.57	61.26	61.26
DISCCART	733491.83	4053998.02	61.24	61.24
DISCCART	733495.21	4053975.44	61.26	61.26
DISCCART	733498.58	4053952.87	61.31	61.31
DISCCART	733501.95	4053930.29	61.34	61.34
DISCCART	733505.33	4053907.71	61.34	61.34
DISCCART	733509.45	4053860.73	61.34	61.34
DISCCART	733510.20	4053836.32	61.38	61.38
DISCCART	733510.95	4053811.92	61.44	61.44
DISCCART	733511.69	4053787.51	61.44	61.44
DISCCART	733512.44	4053763.11	61.45	61.45
DISCCART	733513.19	4053738.71	61.54	61.54
DISCCART	733513.94	4053714.30	61.54	61.54
DISCCART	733514.69	4053689.90	61.54	61.54
DISCCART	733515.44	4053665.50	61.56	61.56
DISCCART	733516.19	4053641.09	61.64	61.64
DISCCART	733516.93	4053616.69	61.64	61.64
DISCCART	733517.68	4053592.28	61.64	61.64
DISCCART	733518.43	4053567.88	61.74	61.74
DISCCART	733519.18	4053543.48	61.74	61.74
DISCCART	733519.93	4053519.07	61.74	61.74
DISCCART	733520.68	4053494.67	61.79	61.79
DISCCART	733521.43	4053470.26	61.84	61.84
DISCCART	733522.18	4053445.86	61.84	61.84
DISCCART	733522.92	4053421.46	61.94	61.94
DISCCART	733523.67	4053397.05	61.94	61.94
DISCCART	733524.42	4053372.65	62.03	62.03
DISCCART	733525.17	4053348.24	62.04	62.04
DISCCART	733525.92	4053323.84	62.11	62.11
DISCCART	733526.67	4053299.44	62.14	62.14
DISCCART	733527.42	4053275.03	62.16	62.16
DISCCART	733528.16	4053250.63	62.24	62.24
DISCCART	733528.91	4053226.22	62.24	62.24
DISCCART	733529.66	4053201.82	62.31	62.31
DISCCART	733530.41	4053177.42	62.34	62.34
DISCCART	733531.16	4053153.01	62.35	62.35
DISCCART	733531.91	4053128.61	62.44	62.44
DISCCART	733532.66	4053104.21	62.44	62.44
DISCCART	733533.40	4053079.80	62.54	62.54
DISCCART	733534.15	4053055.40	62.54	62.54
DISCCART	733534.90	4053030.99	62.64	62.64
DISCCART	733530.31	4052985.10	62.69	62.69
DISCCART	733524.97	4052963.61	62.74	62.74
DISCCART	733519.62	4052942.12	62.81	62.81
DISCCART	733489.91	4052919.59	62.84	62.84
DISCCART	733465.53	4052918.56	62.90	62.90
DISCCART	733441.16	4052917.52	62.94	62.94
DISCCART	733416.78	4052916.48	62.94	62.94
DISCCART	733392.41	4052915.45	62.97	62.97
DISCCART	733368.03	4052914.41	63.04	63.04
DISCCART	733343.66	4052913.37	63.04	63.04
DISCCART	733319.29	4052912.34	63.11	63.11
DISCCART	733294.91	4052911.30	63.14	63.14
DISCCART	733270.54	4052910.26	63.14	63.14
DISCCART	733246.16	4052909.23	63.24	63.24
DISCCART	733221.79	4052908.19	63.24	63.24
DISCCART	733197.41	4052907.15	63.29	63.29
DISCCART	733173.04	4052906.12	63.35	63.35
DISCCART	733148.67	4052905.08	63.43	63.43
DISCCART	733124.29	4052904.04	63.52	63.52
DISCCART	733099.92	4052903.00	63.60	63.60
DISCCART	733075.54	4052901.97	63.68	63.68
DISCCART	733051.17	4052900.93	63.74	63.74
DISCCART	733026.79	4052899.89	63.83	63.83
DISCCART	733002.42	4052898.86	63.89	63.89
DISCCART	732978.05	4052897.82	63.95	63.95
DISCCART	732953.67	4052896.78	64.04	64.04
DISCCART	732929.30	4052895.75	64.09	64.09
DISCCART	732904.92	4052894.71	64.17	64.17
DISCCART	732880.55	4052893.67	64.23	64.23
DISCCART	732856.17	4052892.64	64.32	64.32
DISCCART	732830.60	4052915.54	64.28	64.28
DISCCART	732829.40	4052939.48	64.22	64.22
DISCCART	732828.20	4052963.41	64.14	64.14
DISCCART	732827.00	4052987.35	64.05	64.05
DISCCART	732825.80	4053011.29	63.97	63.97
DISCCART	732824.60	4053035.23	63.93	63.93
DISCCART	732823.40	4053059.17	63.84	63.84
DISCCART	732822.21	4053083.10	63.75	63.75
DISCCART	732821.01	4053107.04	63.73	63.73
DISCCART	732819.81	4053130.98	63.64	63.64
DISCCART	732818.61	4053154.92	63.55	63.55
DISCCART	732817.41	4053178.86	63.53	63.53
DISCCART	732816.21	4053202.79	63.44	63.44
DISCCART	732815.01	4053226.73	63.35	63.35
DISCCART	732799.70	4053253.51	63.34	63.34
DISCCART	732760.93	4053255.30	63.43	63.43
DISCCART	732736.28	4053254.23	63.46	63.46
DISCCART	732711.62	4053253.17	63.54	63.54
DISCCART	732686.96	4053252.11	63.57	63.57
DISCCART	732662.31	4053251.05	63.64	63.64
DISCCART	732637.65	4053249.98	63.69	63.69
DISCCART	732612.99	4053248.92	63.74	63.74
DISCCART	732588.34	4053247.86	63.83	63.83
DISCCART	732563.68	4053246.79	63.85	63.85
DISCCART	732539.03	4053245.73	63.93	63.93
DISCCART	732514.37	4053244.67	63.96	63.96
DISCCART	732489.71	4053243.61	64.04	64.04
DISCCART	732465.06	4053242.54	64.08	64.08
DISCCART	732440.40	4053241.48	64.14	64.14
DISCCART	732415.74	4053240.42	64.19	64.19
DISCCART	732391.09	4053239.35	64.24	64.24
DISCCART	732366.43	4053238.29	64.30	64.30
DISCCART	732341.77	4053237.23	64.34	64.34
DISCCART	732317.12	4053236.16	64.41	64.41

DISCCART	732292.46	4053235.10	64.44	64.44
DISCCART	732267.80	4053234.04	64.52	64.52
DISCCART	732243.15	4053232.98	64.54	64.54
DISCCART	732218.49	4053231.91	64.62	64.62
DISCCART	732193.84	4053230.85	64.64	64.64
DISCCART	732169.18	4053229.79	64.72	64.72
DISCCART	732144.52	4053228.72	64.75	64.75
DISCCART	732119.87	4053227.66	64.83	64.83
DISCCART	732095.21	4053226.60	64.86	64.86
DISCCART	732070.55	4053225.54	64.94	64.94
DISCCART	732045.90	4053224.47	64.97	64.97
DISCCART	732010.32	4053223.35	64.94	64.94
DISCCART	732009.29	4053227.24	64.93	64.93
DISCCART	732008.26	4053312.12	64.84	64.84
DISCCART	732007.23	4053337.00	64.83	64.83
DISCCART	732006.20	4053361.89	64.75	64.75
DISCCART	732005.16	4053386.77	64.76	64.76
DISCCART	732004.13	4053411.65	64.74	64.74
DISCCART	732003.10	4053436.54	64.74	64.74
DISCCART	732002.07	4053461.42	64.74	64.74
DISCCART	732001.04	4053486.30	64.74	64.74
DISCCART	732000.01	4053511.19	64.74	64.74
DISCCART	731998.98	4053536.07	64.70	64.70
DISCCART	731997.95	4053560.96	64.71	64.71
DISCCART	731996.92	4053585.84	64.71	64.71
DISCCART	731995.89	4053610.72	64.69	64.69
DISCCART	731994.86	4053635.61	64.66	64.66
DISCCART	731993.83	4053660.49	64.66	64.66
DISCCART	731992.79	4053685.37	64.67	64.67
DISCCART	731991.76	4053710.26	64.64	64.64
DISCCART	731990.73	4053735.14	64.59	64.59
DISCCART	731989.70	4053760.02	64.60	64.60
DISCCART	731988.67	4053784.91	64.52	64.52
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"				
DISCCART	731618.98	4052754.41	67.23	67.23
DISCCART	731970.56	4052769.07	66.44	66.44
DISCCART	731984.67	4052430.30	67.94	67.94
DISCCART	731630.89	4052415.47	67.94	67.94
DISCCART	731622.73	4052615.08	67.78	67.78
DISCCART	731617.25	4052630.86	67.74	67.74
DISCCART	731615.97	4052668.93	67.55	67.55
DISCCART	731621.54	4052690.04	67.46	67.46
** DESCRREC "FENCEINT" "CARTESIAN PLANT BOUNDARY INTERMEDIATE RECEPTORS"				
DISCCART	731642.42	4052755.39	67.14	67.14
DISCCART	731665.86	4052756.36	67.11	67.11
DISCCART	731689.30	4052757.34	67.04	67.04
DISCCART	731712.73	4052758.32	66.96	66.96
DISCCART	731736.17	4052759.30	66.93	66.93
DISCCART	731759.61	4052760.27	66.84	66.84
DISCCART	731783.05	4052761.25	66.83	66.83
DISCCART	731806.49	4052762.23	66.74	66.74
DISCCART	731829.93	4052763.21	66.70	66.70
DISCCART	731853.37	4052764.18	66.63	66.63
DISCCART	731876.81	4052765.16	66.56	66.56
DISCCART	731900.24	4052766.14	66.48	66.48
DISCCART	731923.68	4052767.12	66.41	66.41
DISCCART	731947.12	4052768.09	66.34	66.34
DISCCART	731971.57	4052744.87	66.44	66.44
DISCCART	731972.58	4052720.67	66.44	66.44
DISCCART	731973.58	4052696.48	66.45	66.45
DISCCART	731974.59	4052672.28	66.45	66.45
DISCCART	731975.60	4052648.08	66.45	66.45
DISCCART	731976.61	4052623.88	66.46	66.46
DISCCART	731977.62	4052599.69	66.50	66.50
DISCCART	731978.62	4052575.49	66.58	66.58
DISCCART	731979.63	4052551.29	66.67	66.67
DISCCART	731980.64	4052527.09	66.82	66.82
DISCCART	731981.65	4052502.89	67.11	67.11
DISCCART	731982.65	4052478.70	67.58	67.58
DISCCART	731983.66	4052454.50	67.77	67.77
DISCCART	731961.08	4052429.31	67.92	67.92
DISCCART	731937.50	4052428.32	67.89	67.89
DISCCART	731913.91	4052427.33	67.94	67.94
DISCCART	731890.33	4052426.35	67.94	67.94
DISCCART	731866.74	4052425.36	67.94	67.94
DISCCART	731843.16	4052424.37	67.94	67.94
DISCCART	731819.57	4052423.38	67.94	67.94
DISCCART	731795.99	4052422.39	67.94	67.94
DISCCART	731772.40	4052421.40	67.94	67.94
DISCCART	731748.82	4052420.41	67.94	67.94
DISCCART	731725.23	4052419.42	67.94	67.94
DISCCART	731701.65	4052418.44	67.94	67.94
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DISCCART	731629.87	4052440.42	67.94	67.94
DISCCART	731628.85	4052465.37	67.94	67.94
DISCCART	731627.83	4052490.32	68.00	68.00
DISCCART	731626.81	4052515.28	68.14	68.14
DISCCART	731625.79	4052540.23	68.08	68.08
DISCCART	731624.77	4052565.18	67.97	67.97
DISCCART	731623.75	4052590.13	67.89	67.89
DISCCART	731616.61	4052649.90	67.65	67.65
DISCCART	731620.69	4052711.50	67.36	67.36
DISCCART	731619.83	4052732.95	67.31	67.31
RE FINISHED				
**				

** AERMOD METEOROLOGY PATHWAY				

**				
**				
ME STARTING				
SURFFILE LEMOORE_2012-2016.SFC				
PROFFILE LEMOORE_2012-2016.PFL				
SURFDATA 23110 2012				
UAIRDATA 23230 2012 OAKLAND/WSO_AP				
PROFBASE 72.0 METERS				
ME FINISHED				
**				

** AERMOD OUTPUT PATHWAY				

**				
**				
OU STARTING				

RECTABLE ALLAVE 8TH
RECTABLE 1 8TH
** AUTO-GENERATED PLOTFILES
PLOTFILE 1 ALL 8TH LVS_NO2_1HR_100220.AD\01H8GALL.PLT 31
MXDYBYR ALL LVS_NO2_1HR_100220.AD\MXDYBYR_ALL_NO2.DAT 32
MAXDAILY ALL LVS_NO2_1HR_100220.AD\MAXDAILY_ALL_NO2.DAT 33
SUMMFILE LVS_NO2_1HR_100220.SUM
OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186 9767 MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used 0.50
ME W187 9767 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV ARM2 RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900

**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.
Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years modeled.
For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR keyword.
Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a
single multi-year meteorological data file using STARTEND keyword.

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 1 Source(s); 1 Source Group(s); and 9686 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENFIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNNING After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by Year (MXDYBYR Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 72.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.6 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: LVS_NO2_1HR_100220.ERR
**File for Summary of Results: LVS_NO2_1HR_100220.SUM

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20

*** AREA SOURCE DATA ***

SOURCE NUMBER EMISSION RATE COORD (SW CORNER) BASE RELEASE X-DIM Y-DIM ORIENT. INIT. URBAN EMISSION RATE
PART. (GRAMS/SEC COORD X Y ELEV. HEIGHT OF AREA OF AREA OF AREA SZ SOURCE SCALAR VARY
ID CATS. /METER**2) (METERS) (METERS) (METERS) (METERS) (METERS) (DEG.) (METERS) BY
AREAL 0 0.23063E-05 732835.0 4052897.5 63.0 5.00 696.87 696.87 -2.00 1.00 NO HROFDY
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 3

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs
ALL AREAL
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 4

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR
SOURCE ID = AREAL ; SOURCE TYPE = AREA :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 7

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 8

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* ** ** ** PAGE 9

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* ** ** ** PAGE 10

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 13

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 14

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46 ***

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46 ***

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 731071.4, 4054831.5, 64.8, 64.8, 0.0); ( 731071.4, 4054856.5, 64.8, 64.8, 0.0);
( 731071.4, 4054881.5, 64.7, 64.7, 0.0); ( 731071.4, 4054906.5, 64.6, 64.6, 0.0);
( 731071.4, 4054931.5, 64.5, 64.5, 0.0); ( 731071.4, 4054956.5, 64.5, 64.5, 0.0);
( 731071.4, 4054981.5, 64.5, 64.5, 0.0); ( 731071.4, 4055006.5, 64.4, 64.4, 0.0);
( 731071.4, 4055031.5, 64.4, 64.4, 0.0); ( 731071.4, 4055056.5, 64.5, 64.5, 0.0);

```

(731071.4, 4055081.5, 64.5, 64.5, 0.0); (731071.4, 4055106.5, 64.5, 64.5, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731071.4, 4055131.5, 64.5, 64.5, 0.0);	(731071.4, 4055156.5, 64.5, 64.5, 0.0);
(731071.4, 4055181.5, 64.5, 64.5, 0.0);	(731071.4, 4055206.5, 64.5, 64.5, 0.0);
(731071.4, 4055231.5, 64.5, 64.5, 0.0);	(731071.4, 4055256.5, 64.5, 64.5, 0.0);
(731071.4, 4055281.5, 64.5, 64.5, 0.0);	(731071.4, 4055306.5, 64.6, 64.6, 0.0);
(731071.4, 4055331.5, 64.6, 64.6, 0.0);	(731096.4, 4052331.5, 69.7, 69.7, 0.0);
(731096.4, 4052356.5, 69.6, 69.6, 0.0);	(731096.4, 4052381.5, 69.5, 69.5, 0.0);
(731096.4, 4052406.5, 69.4, 69.4, 0.0);	(731096.4, 4052431.5, 69.4, 69.4, 0.0);
(731096.4, 4052456.5, 69.3, 69.3, 0.0);	(731096.4, 4052481.5, 69.2, 69.2, 0.0);
(731096.4, 4052506.5, 69.1, 69.1, 0.0);	(731096.4, 4052531.5, 69.1, 69.1, 0.0);
(731096.4, 4052556.5, 69.0, 69.0, 0.0);	(731096.4, 4052581.5, 68.9, 68.9, 0.0);
(731096.4, 4052606.5, 68.8, 68.8, 0.0);	(731096.4, 4052631.5, 68.7, 68.7, 0.0);
(731096.4, 4052656.5, 68.6, 68.6, 0.0);	(731096.4, 4052681.5, 68.5, 68.5, 0.0);
(731096.4, 4052706.5, 68.5, 68.5, 0.0);	(731096.4, 4052731.5, 68.4, 68.4, 0.0);
(731096.4, 4052756.5, 68.3, 68.3, 0.0);	(731096.4, 4052781.5, 68.2, 68.2, 0.0);
(731096.4, 4052806.5, 68.1, 68.1, 0.0);	(731096.4, 4052831.5, 68.0, 68.0, 0.0);
(731096.4, 4052856.5, 68.0, 68.0, 0.0);	(731096.4, 4052881.5, 67.9, 67.9, 0.0);
(731096.4, 4052906.5, 67.8, 67.8, 0.0);	(731096.4, 4052931.5, 67.7, 67.7, 0.0);
(731096.4, 4052956.5, 67.6, 67.6, 0.0);	(731096.4, 4052981.5, 67.6, 67.6, 0.0);
(731096.4, 4053006.5, 67.5, 67.5, 0.0);	(731096.4, 4053031.5, 67.4, 67.4, 0.0);
(731096.4, 4053056.5, 67.3, 67.3, 0.0);	(731096.4, 4053081.5, 67.3, 67.3, 0.0);
(731096.4, 4053106.5, 67.2, 67.2, 0.0);	(731096.4, 4053131.5, 67.1, 67.1, 0.0);
(731096.4, 4053156.5, 67.1, 67.1, 0.0);	(731096.4, 4053181.5, 67.0, 67.0, 0.0);
(731096.4, 4053206.5, 67.0, 67.0, 0.0);	(731096.4, 4053231.5, 66.9, 66.9, 0.0);
(731096.4, 4053256.5, 66.8, 66.8, 0.0);	(731096.4, 4053281.5, 66.8, 66.8, 0.0);
(731096.4, 4053306.5, 66.7, 66.7, 0.0);	(731096.4, 4053331.5, 66.6, 66.6, 0.0);
(731096.4, 4053356.5, 66.6, 66.6, 0.0);	(731096.4, 4053381.5, 66.5, 66.5, 0.0);
(731096.4, 4053406.5, 66.5, 66.5, 0.0);	(731096.4, 4053431.5, 66.4, 66.4, 0.0);
(731096.4, 4053456.5, 66.3, 66.3, 0.0);	(731096.4, 4053481.5, 66.3, 66.3, 0.0);
(731096.4, 4053506.5, 66.3, 66.3, 0.0);	(731096.4, 4053531.5, 66.2, 66.2, 0.0);
(731096.4, 4053556.5, 66.2, 66.2, 0.0);	(731096.4, 4053581.5, 66.1, 66.1, 0.0);
(731096.4, 4053606.5, 66.1, 66.1, 0.0);	(731096.4, 4053631.5, 66.0, 66.0, 0.0);
(731096.4, 4053656.5, 66.0, 66.0, 0.0);	(731096.4, 4053681.5, 66.0, 66.0, 0.0);
(731096.4, 4053706.5, 65.9, 65.9, 0.0);	(731096.4, 4053731.5, 65.9, 65.9, 0.0);
(731096.4, 4053756.5, 65.8, 65.8, 0.0);	(731096.4, 4053781.5, 65.8, 65.8, 0.0);
(731096.4, 4053806.5, 65.7, 65.7, 0.0);	(731096.4, 4053831.5, 65.7, 65.7, 0.0);
(731096.4, 4053856.5, 65.6, 65.6, 0.0);	(731096.4, 4053881.5, 65.5, 65.5, 0.0);
(731096.4, 4053906.5, 65.4, 65.4, 0.0);	(731096.4, 4053931.5, 65.5, 65.5, 0.0);
(731096.4, 4053956.5, 65.3, 65.3, 0.0);	(731096.4, 4053981.5, 65.4, 65.4, 0.0);
(731096.4, 4054006.5, 65.3, 65.3, 0.0);	(731096.4, 4054031.5, 65.3, 65.3, 0.0);
(731096.4, 4054056.5, 65.2, 65.2, 0.0);	(731096.4, 4054081.5, 65.2, 65.2, 0.0);
(731096.4, 4054106.5, 65.2, 65.2, 0.0);	(731096.4, 4054131.5, 65.2, 65.2, 0.0);
(731096.4, 4054156.5, 65.1, 65.1, 0.0);	(731096.4, 4054181.5, 65.1, 65.1, 0.0);
(731096.4, 4054206.5, 65.1, 65.1, 0.0);	(731096.4, 4054231.5, 65.0, 65.0, 0.0);
(731096.4, 4054256.5, 65.0, 65.0, 0.0);	(731096.4, 4054281.5, 65.0, 65.0, 0.0);
(731096.4, 4054306.5, 65.0, 65.0, 0.0);	(731096.4, 4054331.5, 65.0, 65.0, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731096.4, 4054356.5, 65.0, 65.0, 0.0);	(731096.4, 4054381.5, 65.0, 65.0, 0.0);
(731096.4, 4054406.5, 65.0, 65.0, 0.0);	(731096.4, 4054431.5, 65.0, 65.0, 0.0);
(731096.4, 4054456.5, 65.0, 65.0, 0.0);	(731096.4, 4054481.5, 65.0, 65.0, 0.0);
(731096.4, 4054506.5, 65.0, 65.0, 0.0);	(731096.4, 4054531.5, 65.0, 65.0, 0.0);
(731096.4, 4054556.5, 65.0, 65.0, 0.0);	(731096.4, 4054581.5, 64.9, 64.9, 0.0);
(731096.4, 4054606.5, 64.9, 64.9, 0.0);	(731096.4, 4054631.5, 64.9, 64.9, 0.0);
(731096.4, 4054656.5, 64.9, 64.9, 0.0);	(731096.4, 4054681.5, 64.9, 64.9, 0.0);
(731096.4, 4054706.5, 64.9, 64.9, 0.0);	(731096.4, 4054731.5, 64.9, 64.9, 0.0);
(731096.4, 4054756.5, 64.9, 64.9, 0.0);	(731096.4, 4054781.5, 64.9, 64.9, 0.0);
(731096.4, 4054806.5, 64.9, 64.9, 0.0);	(731096.4, 4054831.5, 64.8, 64.8, 0.0);
(731096.4, 4054856.5, 64.8, 64.8, 0.0);	(731096.4, 4054881.5, 64.7, 64.7, 0.0);
(731096.4, 4054906.5, 64.6, 64.6, 0.0);	(731096.4, 4054931.5, 64.5, 64.5, 0.0);
(731096.4, 4054956.5, 64.5, 64.5, 0.0);	(731096.4, 4054981.5, 64.4, 64.4, 0.0);
(731096.4, 4055006.5, 64.4, 64.4, 0.0);	(731096.4, 4055031.5, 64.4, 64.4, 0.0);
(731096.4, 4055056.5, 64.4, 64.4, 0.0);	(731096.4, 4055081.5, 64.4, 64.4, 0.0);
(731096.4, 4055106.5, 64.4, 64.4, 0.0);	(731096.4, 4055131.5, 64.4, 64.4, 0.0);
(731096.4, 4055156.5, 64.4, 64.4, 0.0);	(731096.4, 4055181.5, 64.5, 64.5, 0.0);
(731096.4, 4055206.5, 64.5, 64.5, 0.0);	(731096.4, 4055231.5, 64.5, 64.5, 0.0);
(731096.4, 4055256.5, 64.5, 64.5, 0.0);	(731096.4, 4055281.5, 64.5, 64.5, 0.0);
(731096.4, 4055306.5, 64.5, 64.5, 0.0);	(731096.4, 4055331.5, 64.5, 64.5, 0.0);
(731121.4, 4052331.5, 69.6, 69.6, 0.0);	(731121.4, 4052356.5, 69.5, 69.5, 0.0);
(731121.4, 4052381.5, 69.5, 69.5, 0.0);	(731121.4, 4052406.5, 69.4, 69.4, 0.0);
(731121.4, 4052431.5, 69.3, 69.3, 0.0);	(731121.4, 4052456.5, 69.3, 69.3, 0.0);
(731121.4, 4052481.5, 69.2, 69.2, 0.0);	(731121.4, 4052506.5, 69.1, 69.1, 0.0);
(731121.4, 4052531.5, 69.0, 69.0, 0.0);	(731121.4, 4052556.5, 68.9, 68.9, 0.0);
(731121.4, 4052581.5, 68.8, 68.8, 0.0);	(731121.4, 4052606.5, 68.7, 68.7, 0.0);
(731121.4, 4052631.5, 68.6, 68.6, 0.0);	(731121.4, 4052656.5, 68.5, 68.5, 0.0);
(731121.4, 4052681.5, 68.5, 68.5, 0.0);	(731121.4, 4052706.5, 68.4, 68.4, 0.0);
(731121.4, 4052731.5, 68.3, 68.3, 0.0);	(731121.4, 4052756.5, 68.2, 68.2, 0.0);
(731121.4, 4052781.5, 68.1, 68.1, 0.0);	(731121.4, 4052806.5, 68.1, 68.1, 0.0);
(731121.4, 4052831.5, 68.0, 68.0, 0.0);	(731121.4, 4052856.5, 67.9, 67.9, 0.0);
(731121.4, 4052881.5, 67.8, 67.8, 0.0);	(731121.4, 4052906.5, 67.7, 67.7, 0.0);
(731121.4, 4052931.5, 67.7, 67.7, 0.0);	(731121.4, 4052956.5, 67.6, 67.6, 0.0);
(731121.4, 4052981.5, 67.5, 67.5, 0.0);	(731121.4, 4053006.5, 67.4, 67.4, 0.0);
(731121.4, 4053031.5, 67.4, 67.4, 0.0);	(731121.4, 4053056.5, 67.3, 67.3, 0.0);
(731121.4, 4053081.5, 67.2, 67.2, 0.0);	(731121.4, 4053106.5, 67.2, 67.2, 0.0);
(731121.4, 4053131.5, 67.1, 67.1, 0.0);	(731121.4, 4053156.5, 67.0, 67.0, 0.0);
(731121.4, 4053181.5, 67.0, 67.0, 0.0);	(731121.4, 4053206.5, 66.9, 66.9, 0.0);
(731121.4, 4053231.5, 66.8, 66.8, 0.0);	(731121.4, 4053256.5, 66.8, 66.8, 0.0);
(731121.4, 4053281.5, 66.7, 66.7, 0.0);	(731121.4, 4053306.5, 66.6, 66.6, 0.0);
(731121.4, 4053331.5, 66.6, 66.6, 0.0);	(731121.4, 4053356.5, 66.5, 66.5, 0.0);
(731121.4, 4053381.5, 66.5, 66.5, 0.0);	(731121.4, 4053406.5, 66.4, 66.4, 0.0);
(731121.4, 4053431.5, 66.4, 66.4, 0.0);	(731121.4, 4053456.5, 66.3, 66.3, 0.0);
(731121.4, 4053481.5, 66.3, 66.3, 0.0);	(731121.4, 4053506.5, 66.2, 66.2, 0.0);
(731121.4, 4053531.5, 66.2, 66.2, 0.0);	(731121.4, 4053556.5, 66.1, 66.1, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731121.4, 4053581.5, 66.1, 66.1, 0.0); (731121.4, 4053606.5, 66.1, 66.1, 0.0);
(731121.4, 4053631.5, 66.0, 66.0, 0.0); (731121.4, 4053656.5, 66.0, 66.0, 0.0);
(731121.4, 4053661.5, 65.9, 65.9, 0.0); (731121.4, 4053706.5, 65.9, 65.9, 0.0);
(731121.4, 4053731.5, 65.8, 65.8, 0.0); (731121.4, 4053756.5, 65.8, 65.8, 0.0);
(731121.4, 4053781.5, 65.7, 65.7, 0.0); (731121.4, 4053806.5, 65.7, 65.7, 0.0);
(731121.4, 4053831.5, 65.6, 65.6, 0.0); (731121.4, 4053856.5, 65.5, 65.5, 0.0);
(731121.4, 4053881.5, 65.5, 65.5, 0.0); (731121.4, 4053906.5, 65.4, 65.4, 0.0);
(731121.4, 4053931.5, 65.3, 65.3, 0.0); (731121.4, 4053956.5, 65.3, 65.3, 0.0);
(731121.4, 4053981.5, 65.2, 65.2, 0.0); (731121.4, 4054006.5, 65.3, 65.3, 0.0);
(731121.4, 4054031.5, 65.2, 65.2, 0.0); (731121.4, 4054056.5, 65.2, 65.2, 0.0);
(731121.4, 4054081.5, 65.1, 65.1, 0.0); (731121.4, 4054106.5, 65.1, 65.1, 0.0);
(731121.4, 4054131.5, 65.1, 65.1, 0.0); (731121.4, 4054156.5, 65.1, 65.1, 0.0);
(731121.4, 4054181.5, 65.0, 65.0, 0.0); (731121.4, 4054206.5, 65.0, 65.0, 0.0);
(731121.4, 4054231.5, 65.0, 65.0, 0.0); (731121.4, 4054256.5, 65.0, 65.0, 0.0);
(731121.4, 4054281.5, 64.9, 64.9, 0.0); (731121.4, 4054306.5, 64.9, 64.9, 0.0);
(731121.4, 4054331.5, 64.9, 64.9, 0.0); (731121.4, 4054356.5, 64.9, 64.9, 0.0);
(731121.4, 4054381.5, 64.9, 64.9, 0.0); (731121.4, 4054406.5, 64.9, 64.9, 0.0);
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(731121.4, 4054481.5, 64.9, 64.9, 0.0); (731121.4, 4054506.5, 64.9, 64.9, 0.0);
(731121.4, 4054531.5, 64.9, 64.9, 0.0); (731121.4, 4054556.5, 64.9, 64.9, 0.0);
(731121.4, 4054581.5, 64.9, 64.9, 0.0); (731121.4, 4054606.5, 64.9, 64.9, 0.0);
(731121.4, 4054631.5, 64.9, 64.9, 0.0); (731121.4, 4054656.5, 64.9, 64.9, 0.0);
(731121.4, 4054681.5, 64.9, 64.9, 0.0); (731121.4, 4054706.5, 64.9, 64.9, 0.0);
(731121.4, 4054731.5, 64.9, 64.9, 0.0); (731121.4, 4054756.5, 64.9, 64.9, 0.0);
(731121.4, 4054781.5, 64.9, 64.9, 0.0); (731121.4, 4054806.5, 64.9, 64.9, 0.0);
(731121.4, 4054831.5, 64.8, 64.8, 0.0); (731121.4, 4054856.5, 64.8, 64.8, 0.0);
(731121.4, 4054881.5, 64.7, 64.7, 0.0); (731121.4, 4054906.5, 64.6, 64.6, 0.0);
(731121.4, 4054931.5, 64.5, 64.5, 0.0); (731121.4, 4054956.5, 64.5, 64.5, 0.0);
(731121.4, 4054981.5, 64.4, 64.4, 0.0); (731121.4, 4055006.5, 64.4, 64.4, 0.0);
(731121.4, 4055031.5, 64.4, 64.4, 0.0); (731121.4, 4055056.5, 64.3, 64.3, 0.0);
(731121.4, 4055081.5, 64.3, 64.3, 0.0); (731121.4, 4055106.5, 64.4, 64.4, 0.0);
(731121.4, 4055131.5, 64.4, 64.4, 0.0); (731121.4, 4055156.5, 64.4, 64.4, 0.0);
(731121.4, 4055181.5, 64.4, 64.4, 0.0); (731121.4, 4055206.5, 64.4, 64.4, 0.0);
(731121.4, 4055231.5, 64.4, 64.4, 0.0); (731121.4, 4055256.5, 64.4, 64.4, 0.0);
(731121.4, 4055281.5, 64.4, 64.4, 0.0); (731121.4, 4055306.5, 64.5, 64.5, 0.0);
(731121.4, 4055331.5, 64.5, 64.5, 0.0); (731146.4, 4052331.5, 69.5, 69.5, 0.0);
(731146.4, 4052356.5, 69.5, 69.5, 0.0); (731146.4, 4052381.5, 69.4, 69.4, 0.0);
(731146.4, 4052406.5, 69.4, 69.4, 0.0); (731146.4, 4052431.5, 69.3, 69.3, 0.0);
(731146.4, 4052456.5, 69.2, 69.2, 0.0); (731146.4, 4052481.5, 69.1, 69.1, 0.0);
(731146.4, 4052506.5, 69.0, 69.0, 0.0); (731146.4, 4052531.5, 69.0, 69.0, 0.0);
(731146.4, 4052556.5, 68.9, 68.9, 0.0); (731146.4, 4052581.5, 68.8, 68.8, 0.0);
(731146.4, 4052606.5, 68.7, 68.7, 0.0); (731146.4, 4052631.5, 68.6, 68.6, 0.0);
(731146.4, 4052656.5, 68.5, 68.5, 0.0); (731146.4, 4052681.5, 68.4, 68.4, 0.0);
(731146.4, 4052706.5, 68.4, 68.4, 0.0); (731146.4, 4052731.5, 68.3, 68.3, 0.0);
(731146.4, 4052756.5, 68.2, 68.2, 0.0); (731146.4, 4052781.5, 68.1, 68.1, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 20

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731146.4, 4052806.5, 68.0, 68.0, 0.0); (731146.4, 4052831.5, 67.9, 67.9, 0.0);
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(731146.4, 4054306.5, 64.8, 64.8, 0.0); (731146.4, 4054331.5, 64.9, 64.9, 0.0);
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(731146.4, 4054906.5, 64.6, 64.6, 0.0); (731146.4, 4054931.5, 64.5, 64.5, 0.0);
(731146.4, 4054956.5, 64.4, 64.4, 0.0); (731146.4, 4054981.5, 64.4, 64.4, 0.0);
(731146.4, 4055006.5, 64.3, 64.3, 0.0); (731146.4, 4055031.5, 64.3, 64.3, 0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731146.4, 4055056.5, 64.3, 64.3, 0.0); (731146.4, 4055081.5, 64.3, 64.3, 0.0);
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(731146.4, 4055156.5, 64.3, 64.3, 0.0); (731146.4, 4055181.5, 64.3, 64.3, 0.0);
(731146.4, 4055206.5, 64.3, 64.3, 0.0); (731146.4, 4055231.5, 64.4, 64.4, 0.0);

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( 731146.4, 4055256.5, 64.4, 64.4, 0.0); ( 731146.4, 4055281.5, 64.4, 64.4, 0.0);
( 731146.4, 4055306.5, 64.4, 64.4, 0.0); ( 731146.4, 4055331.5, 64.4, 64.4, 0.0);
( 731171.4, 4052331.5, 69.4, 69.4, 0.0); ( 731171.4, 4052356.5, 69.4, 69.4, 0.0);
( 731171.4, 4052381.5, 69.3, 69.3, 0.0); ( 731171.4, 4052406.5, 69.3, 69.3, 0.0);
( 731171.4, 4052431.5, 69.2, 69.2, 0.0); ( 731171.4, 4052456.5, 69.1, 69.1, 0.0);
( 731171.4, 4052481.5, 69.1, 69.1, 0.0); ( 731171.4, 4052506.5, 69.0, 69.0, 0.0);
( 731171.4, 4052531.5, 68.9, 68.9, 0.0); ( 731171.4, 4052556.5, 68.8, 68.8, 0.0);
( 731171.4, 4052581.5, 68.7, 68.7, 0.0); ( 731171.4, 4052606.5, 68.6, 68.6, 0.0);
( 731171.4, 4052631.5, 68.5, 68.5, 0.0); ( 731171.4, 4052656.5, 68.5, 68.5, 0.0);
( 731171.4, 4052681.5, 68.3, 68.3, 0.0); ( 731171.4, 4052706.5, 68.3, 68.3, 0.0);
( 731171.4, 4052731.5, 68.2, 68.2, 0.0); ( 731171.4, 4052756.5, 68.1, 68.1, 0.0);
( 731171.4, 4052781.5, 68.0, 68.0, 0.0); ( 731171.4, 4052806.5, 68.0, 68.0, 0.0);
( 731171.4, 4052831.5, 67.9, 67.9, 0.0); ( 731171.4, 4052856.5, 67.8, 67.8, 0.0);
( 731171.4, 4052881.5, 67.7, 67.7, 0.0); ( 731171.4, 4052906.5, 67.6, 67.6, 0.0);
( 731171.4, 4052931.5, 67.6, 67.6, 0.0); ( 731171.4, 4052956.5, 67.5, 67.5, 0.0);
( 731171.4, 4052981.5, 67.4, 67.4, 0.0); ( 731171.4, 4053006.5, 67.3, 67.3, 0.0);
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( 731171.4, 4053081.5, 67.1, 67.1, 0.0); ( 731171.4, 4053106.5, 67.0, 67.0, 0.0);
( 731171.4, 4053131.5, 67.0, 67.0, 0.0); ( 731171.4, 4053156.5, 66.9, 66.9, 0.0);
( 731171.4, 4053181.5, 66.8, 66.8, 0.0); ( 731171.4, 4053206.5, 66.8, 66.8, 0.0);
( 731171.4, 4053231.5, 66.7, 66.7, 0.0); ( 731171.4, 4053256.5, 66.6, 66.6, 0.0);
( 731171.4, 4053281.5, 66.6, 66.6, 0.0); ( 731171.4, 4053306.5, 66.5, 66.5, 0.0);
( 731171.4, 4053331.5, 66.5, 66.5, 0.0); ( 731171.4, 4053356.5, 66.4, 66.4, 0.0);
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( 731171.4, 4053431.5, 66.3, 66.3, 0.0); ( 731171.4, 4053456.5, 66.2, 66.2, 0.0);
( 731171.4, 4053481.5, 66.2, 66.2, 0.0); ( 731171.4, 4053506.5, 66.1, 66.1, 0.0);
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( 731171.4, 4053781.5, 65.7, 65.7, 0.0); ( 731171.4, 4053806.5, 65.6, 65.6, 0.0);
( 731171.4, 4053831.5, 65.5, 65.5, 0.0); ( 731171.4, 4053856.5, 65.4, 65.4, 0.0);
( 731171.4, 4053881.5, 65.3, 65.3, 0.0); ( 731171.4, 4053906.5, 65.2, 65.2, 0.0);
( 731171.4, 4053931.5, 65.2, 65.2, 0.0); ( 731171.4, 4053956.5, 65.1, 65.1, 0.0);
( 731171.4, 4053981.5, 65.0, 65.0, 0.0); ( 731171.4, 4054006.5, 65.0, 65.0, 0.0);
( 731171.4, 4054031.5, 65.0, 65.0, 0.0); ( 731171.4, 4054056.5, 65.0, 65.0, 0.0);
( 731171.4, 4054081.5, 65.0, 65.0, 0.0); ( 731171.4, 4054106.5, 65.0, 65.0, 0.0);
( 731171.4, 4054131.5, 65.0, 65.0, 0.0); ( 731171.4, 4054156.5, 65.0, 65.0, 0.0);
( 731171.4, 4054181.5, 64.9, 64.9, 0.0); ( 731171.4, 4054206.5, 64.9, 64.9, 0.0);
( 731171.4, 4054231.5, 64.9, 64.9, 0.0); ( 731171.4, 4054256.5, 64.8, 64.8, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731171.4, 4054281.5, 64.8, 64.8, 0.0); ( 731171.4, 4054306.5, 64.8, 64.8, 0.0);
( 731171.4, 4054331.5, 64.8, 64.8, 0.0); ( 731171.4, 4054356.5, 64.8, 64.8, 0.0);
( 731171.4, 4054381.5, 64.8, 64.8, 0.0); ( 731171.4, 4054406.5, 64.8, 64.8, 0.0);
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( 731171.4, 4054481.5, 64.8, 64.8, 0.0); ( 731171.4, 4054506.5, 64.8, 64.8, 0.0);
( 731171.4, 4054531.5, 64.8, 64.8, 0.0); ( 731171.4, 4054556.5, 64.8, 64.8, 0.0);
( 731171.4, 4054581.5, 64.8, 64.8, 0.0); ( 731171.4, 4054606.5, 64.8, 64.8, 0.0);
( 731171.4, 4054631.5, 64.8, 64.8, 0.0); ( 731171.4, 4054656.5, 64.8, 64.8, 0.0);
( 731171.4, 4054681.5, 64.8, 64.8, 0.0); ( 731171.4, 4054706.5, 64.8, 64.8, 0.0);
( 731171.4, 4054731.5, 64.8, 64.8, 0.0); ( 731171.4, 4054756.5, 64.8, 64.8, 0.0);
( 731171.4, 4054781.5, 64.8, 64.8, 0.0); ( 731171.4, 4054806.5, 64.8, 64.8, 0.0);
( 731171.4, 4054831.5, 64.7, 64.7, 0.0); ( 731171.4, 4054856.5, 64.7, 64.7, 0.0);
( 731171.4, 4054881.5, 64.7, 64.7, 0.0); ( 731171.4, 4054906.5, 64.6, 64.6, 0.0);
( 731171.4, 4054931.5, 64.5, 64.5, 0.0); ( 731171.4, 4054956.5, 64.4, 64.4, 0.0);
( 731171.4, 4054981.5, 64.4, 64.4, 0.0); ( 731171.4, 4055006.5, 64.3, 64.3, 0.0);
( 731171.4, 4055031.5, 64.3, 64.3, 0.0); ( 731171.4, 4055056.5, 64.3, 64.3, 0.0);
( 731171.4, 4055081.5, 64.3, 64.3, 0.0); ( 731171.4, 4055106.5, 64.3, 64.3, 0.0);
( 731171.4, 4055131.5, 64.3, 64.3, 0.0); ( 731171.4, 4055156.5, 64.3, 64.3, 0.0);
( 731171.4, 4055181.5, 64.3, 64.3, 0.0); ( 731171.4, 4055206.5, 64.3, 64.3, 0.0);
( 731171.4, 4055231.5, 64.3, 64.3, 0.0); ( 731171.4, 4055256.5, 64.3, 64.3, 0.0);
( 731171.4, 4055281.5, 64.4, 64.4, 0.0); ( 731171.4, 4055306.5, 64.4, 64.4, 0.0);
( 731171.4, 4055331.5, 64.4, 64.4, 0.0); ( 731196.4, 4052331.5, 69.5, 69.5, 0.0);
( 731196.4, 4052356.5, 69.5, 69.5, 0.0); ( 731196.4, 4052381.5, 69.4, 69.4, 0.0);
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( 731196.4, 4052556.5, 68.8, 68.8, 0.0); ( 731196.4, 4052581.5, 68.7, 68.7, 0.0);
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( 731196.4, 4052756.5, 68.1, 68.1, 0.0); ( 731196.4, 4052781.5, 68.0, 68.0, 0.0);
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( 731196.4, 4052856.5, 67.8, 67.8, 0.0); ( 731196.4, 4052881.5, 67.7, 67.7, 0.0);
( 731196.4, 4052906.5, 67.6, 67.6, 0.0); ( 731196.4, 4052931.5, 67.5, 67.5, 0.0);
( 731196.4, 4052956.5, 67.5, 67.5, 0.0); ( 731196.4, 4052981.5, 67.4, 67.4, 0.0);
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( 731196.4, 4053056.5, 67.1, 67.1, 0.0); ( 731196.4, 4053081.5, 67.1, 67.1, 0.0);
( 731196.4, 4053106.5, 67.0, 67.0, 0.0); ( 731196.4, 4053131.5, 66.9, 66.9, 0.0);
( 731196.4, 4053156.5, 66.8, 66.8, 0.0); ( 731196.4, 4053181.5, 66.8, 66.8, 0.0);
( 731196.4, 4053206.5, 66.7, 66.7, 0.0); ( 731196.4, 4053231.5, 66.6, 66.6, 0.0);
( 731196.4, 4053256.5, 66.6, 66.6, 0.0); ( 731196.4, 4053281.5, 66.5, 66.5, 0.0);
( 731196.4, 4053306.5, 66.5, 66.5, 0.0); ( 731196.4, 4053331.5, 66.4, 66.4, 0.0);
( 731196.4, 4053356.5, 66.3, 66.3, 0.0); ( 731196.4, 4053381.5, 66.3, 66.3, 0.0);
( 731196.4, 4053406.5, 66.3, 66.3, 0.0); ( 731196.4, 4053431.5, 66.2, 66.2, 0.0);
( 731196.4, 4053456.5, 66.2, 66.2, 0.0); ( 731196.4, 4053481.5, 66.2, 66.2, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731196.4, 4053506.5, 66.1, 66.1, 0.0); ( 731196.4, 4053531.5, 66.1, 66.1, 0.0);
( 731196.4, 4053556.5, 66.0, 66.0, 0.0); ( 731196.4, 4053581.5, 66.0, 66.0, 0.0);
( 731196.4, 4053606.5, 65.9, 65.9, 0.0); ( 731196.4, 4053631.5, 65.9, 65.9, 0.0);
( 731196.4, 4053656.5, 65.9, 65.9, 0.0); ( 731196.4, 4053681.5, 65.8, 65.8, 0.0);
( 731196.4, 4053706.5, 65.8, 65.8, 0.0); ( 731196.4, 4053731.5, 65.7, 65.7, 0.0);
( 731196.4, 4053756.5, 65.7, 65.7, 0.0); ( 731196.4, 4053781.5, 65.6, 65.6, 0.0);
( 731196.4, 4053806.5, 65.5, 65.5, 0.0); ( 731196.4, 4053831.5, 65.5, 65.5, 0.0);
( 731196.4, 4053856.5, 65.4, 65.4, 0.0); ( 731196.4, 4053881.5, 65.3, 65.3, 0.0);
( 731196.4, 4053906.5, 65.2, 65.2, 0.0); ( 731196.4, 4053931.5, 65.2, 65.2, 0.0);
( 731196.4, 4053956.5, 65.0, 65.0, 0.0); ( 731196.4, 4053981.5, 65.0, 65.0, 0.0);
( 731196.4, 4054006.5, 64.9, 64.9, 0.0); ( 731196.4, 4054031.5, 64.9, 64.9, 0.0);

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( 731196.4, 4054106.5, 65.0, 65.0, 0.0); ( 731196.4, 4054131.5, 64.9, 64.9, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 24

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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( 731221.4, 4053206.5, 66.6, 66.6, 0.0); ( 731221.4, 4053231.5, 66.6, 66.6, 0.0);
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( 731221.4, 4053356.5, 66.3, 66.3, 0.0); ( 731221.4, 4053381.5, 66.3, 66.3, 0.0);
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( 731221.4, 4054856.5, 64.6, 64.6, 0.0); ( 731221.4, 4054881.5, 64.5, 64.5, 0.0);
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( 731246.4, 4052681.5, 68.2, 68.2, 0.0); ( 731246.4, 4052706.5, 68.1, 68.1, 0.0);
( 731246.4, 4052731.5, 68.1, 68.1, 0.0); ( 731246.4, 4052756.5, 68.0, 68.0, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 25

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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( 731246.4, 4053131.5, 66.8, 66.8, 0.0); ( 731246.4, 4053156.5, 66.7, 66.7, 0.0);
( 731246.4, 4053181.5, 66.7, 66.7, 0.0); ( 731246.4, 4053956.5, 65.0, 65.0, 0.0);
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( 731246.4, 4054781.5, 64.5, 64.5, 0.0); ( 731246.4, 4054806.5, 64.5, 64.5, 0.0);
( 731246.4, 4054831.5, 64.5, 64.5, 0.0); ( 731246.4, 4054856.5, 64.5, 64.5, 0.0);
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( 731371.4, 4055106.5, 63.9, 63.9, 0.0); ( 731371.4, 4055131.5, 63.9, 63.9, 0.0);
( 731371.4, 4055156.5, 63.9, 63.9, 0.0); ( 731371.4, 4055181.5, 63.9, 63.9, 0.0);
( 731371.4, 4055206.5, 63.9, 63.9, 0.0); ( 731371.4, 4055231.5, 64.0, 64.0, 0.0);
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( 731371.4, 4055306.5, 64.0, 64.0, 0.0); ( 731371.4, 4055331.5, 64.0, 64.0, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* ** ** ** PAGE 28

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 731396.4, 4052331.5, 69.3, 69.3, 0.0); ( 731396.4, 4052356.5, 69.1, 69.1, 0.0);
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( 731421.4, 4052756.5, 67.6, 67.6, 0.0); ( 731421.4, 4052781.5, 67.5, 67.5, 0.0);
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( 731421.4, 4054006.5, 64.8, 64.8, 0.0); ( 731421.4, 4054031.5, 64.7, 64.7, 0.0);
( 731421.4, 4054056.5, 64.6, 64.6, 0.0); ( 731421.4, 4054781.5, 63.8, 63.8, 0.0);
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( 731421.4, 4054856.5, 63.7, 63.7, 0.0); ( 731421.4, 4054881.5, 63.6, 63.6, 0.0);
( 731421.4, 4054906.5, 63.6, 63.6, 0.0); ( 731421.4, 4054931.5, 63.6, 63.6, 0.0);
( 731421.4, 4054956.5, 63.6, 63.6, 0.0); ( 731421.4, 4054981.5, 63.7, 63.7, 0.0);
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( 731421.4, 4055006.5, 63.8, 63.8, 0.0); ( 731421.4, 4055031.5, 63.7, 63.7, 0.0);
( 731421.4, 4055056.5, 63.8, 63.8, 0.0); ( 731421.4, 4055081.5, 63.8, 63.8, 0.0);
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( 731421.4, 4055156.5, 63.8, 63.8, 0.0); ( 731421.4, 4055181.5, 63.8, 63.8, 0.0);
( 731421.4, 4055206.5, 63.9, 63.9, 0.0); ( 731421.4, 4055231.5, 63.9, 63.9, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* ** ** ** PAGE 29

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 731421.4, 4055256.5, 63.9, 63.9, 0.0); ( 731421.4, 4055281.5, 63.9, 63.9, 0.0);
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( 731471.4, 4054906.5, 63.4, 63.4, 0.0); ( 731471.4, 4054931.5, 63.5, 63.5, 0.0);
( 731471.4, 4054956.5, 63.5, 63.5, 0.0); ( 731471.4, 4054981.5, 63.6, 63.6, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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( 731471.4, 4055206.5, 63.8, 63.8, 0.0); ( 731471.4, 4055231.5, 63.8, 63.8, 0.0);
( 731471.4, 4055256.5, 63.8, 63.8, 0.0); ( 731471.4, 4055281.5, 63.8, 63.8, 0.0);
( 731471.4, 4055306.5, 63.8, 63.8, 0.0); ( 731471.4, 4055331.5, 63.8, 63.8, 0.0);
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( 731496.4, 4052431.5, 67.9, 67.9, 0.0); ( 731496.4, 4052456.5, 68.0, 68.0, 0.0);
( 731496.4, 4052481.5, 68.3, 68.3, 0.0); ( 731496.4, 4052506.5, 68.3, 68.3, 0.0);
( 731496.4, 4052531.5, 68.3, 68.3, 0.0); ( 731496.4, 4052556.5, 68.2, 68.2, 0.0);
( 731496.4, 4052581.5, 68.1, 68.1, 0.0); ( 731496.4, 4052606.5, 68.0, 68.0, 0.0);
( 731496.4, 4052631.5, 67.9, 67.9, 0.0); ( 731496.4, 4052656.5, 67.8, 67.8, 0.0);
( 731496.4, 4052681.5, 67.8, 67.8, 0.0); ( 731496.4, 4052706.5, 67.7, 67.7, 0.0);
( 731496.4, 4052731.5, 67.6, 67.6, 0.0); ( 731496.4, 4052756.5, 67.5, 67.5, 0.0);
( 731496.4, 4052781.5, 67.4, 67.4, 0.0); ( 731496.4, 4052806.5, 67.3, 67.3, 0.0);
( 731496.4, 4053981.5, 64.9, 64.9, 0.0); ( 731496.4, 4054006.5, 64.8, 64.8, 0.0);
( 731496.4, 4054031.5, 64.7, 64.7, 0.0); ( 731496.4, 4054056.5, 64.6, 64.6, 0.0);
( 731496.4, 4054806.5, 63.5, 63.5, 0.0); ( 731496.4, 4054831.5, 63.4, 63.4, 0.0);
( 731496.4, 4054856.5, 63.3, 63.3, 0.0); ( 731496.4, 4054881.5, 63.3, 63.3, 0.0);
( 731496.4, 4054906.5, 63.4, 63.4, 0.0); ( 731496.4, 4054931.5, 63.4, 63.4, 0.0);
( 731496.4, 4054956.5, 63.5, 63.5, 0.0); ( 731496.4, 4054981.5, 63.5, 63.5, 0.0);
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( 731496.4, 4055056.5, 63.6, 63.6, 0.0); ( 731496.4, 4055081.5, 63.6, 63.6, 0.0);
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( 731496.4, 4055156.5, 63.7, 63.7, 0.0); ( 731496.4, 4055181.5, 63.7, 63.7, 0.0);
( 731496.4, 4055206.5, 63.7, 63.7, 0.0); ( 731496.4, 4055231.5, 63.7, 63.7, 0.0);
( 731496.4, 4055256.5, 63.7, 63.7, 0.0); ( 731496.4, 4055281.5, 63.8, 63.8, 0.0);
( 731496.4, 4055306.5, 63.8, 63.8, 0.0); ( 731496.4, 4055331.5, 63.8, 63.8, 0.0);
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( 731521.4, 4052381.5, 68.3, 68.3, 0.0); ( 731521.4, 4052406.5, 68.0, 68.0, 0.0);
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( 731521.4, 4052531.5, 68.3, 68.3, 0.0); ( 731521.4, 4052556.5, 68.2, 68.2, 0.0);
( 731521.4, 4052581.5, 68.1, 68.1, 0.0); ( 731521.4, 4052606.5, 68.0, 68.0, 0.0);
( 731521.4, 4052631.5, 67.9, 67.9, 0.0); ( 731521.4, 4052656.5, 67.8, 67.8, 0.0);
( 731521.4, 4052681.5, 67.7, 67.7, 0.0); ( 731521.4, 4052706.5, 67.6, 67.6, 0.0);
( 731521.4, 4052731.5, 67.5, 67.5, 0.0); ( 731521.4, 4052756.5, 67.5, 67.5, 0.0);
( 731521.4, 4052781.5, 67.3, 67.3, 0.0); ( 731521.4, 4052806.5, 67.2, 67.2, 0.0);
( 731521.4, 4053981.5, 64.9, 64.9, 0.0); ( 731521.4, 4054006.5, 64.8, 64.8, 0.0);
( 731521.4, 4054031.5, 64.7, 64.7, 0.0); ( 731521.4, 4054056.5, 64.6, 64.6, 0.0);
( 731521.4, 4054806.5, 63.5, 63.5, 0.0); ( 731521.4, 4054831.5, 63.4, 63.4, 0.0);
( 731521.4, 4054856.5, 63.4, 63.4, 0.0); ( 731521.4, 4054881.5, 63.3, 63.3, 0.0);
( 731521.4, 4054906.5, 63.4, 63.4, 0.0); ( 731521.4, 4054931.5, 63.4, 63.4, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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( 731521.4, 4055156.5, 63.6, 63.6, 0.0); ( 731521.4, 4055181.5, 63.6, 63.6, 0.0);
( 731521.4, 4055206.5, 63.7, 63.7, 0.0); ( 731521.4, 4055231.5, 63.7, 63.7, 0.0);
( 731521.4, 4055256.5, 63.7, 63.7, 0.0); ( 731521.4, 4055281.5, 63.7, 63.7, 0.0);
( 731521.4, 4055306.5, 63.7, 63.7, 0.0); ( 731521.4, 4055331.5, 63.7, 63.7, 0.0);
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( 731546.4, 4052431.5, 67.9, 67.9, 0.0); ( 731546.4, 4052456.5, 67.9, 67.9, 0.0);
( 731546.4, 4052481.5, 68.1, 68.1, 0.0); ( 731546.4, 4052506.5, 68.3, 68.3, 0.0);
( 731546.4, 4052531.5, 68.2, 68.2, 0.0); ( 731546.4, 4052556.5, 68.1, 68.1, 0.0);
( 731546.4, 4052581.5, 68.0, 68.0, 0.0); ( 731546.4, 4052606.5, 68.0, 68.0, 0.0);
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( 731546.4, 4054031.5, 64.7, 64.7, 0.0); ( 731546.4, 4054056.5, 64.6, 64.6, 0.0);
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( 731546.4, 4054906.5, 63.3, 63.3, 0.0); ( 731546.4, 4054931.5, 63.4, 63.4, 0.0);
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( 731546.4, 4055156.5, 63.6, 63.6, 0.0); ( 731546.4, 4055181.5, 63.6, 63.6, 0.0);
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( 731546.4, 4055256.5, 63.6, 63.6, 0.0); ( 731546.4, 4055281.5, 63.6, 63.6, 0.0);
( 731546.4, 4055306.5, 63.6, 63.6, 0.0); ( 731546.4, 4055331.5, 63.7, 63.7, 0.0);
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( 731571.4, 4052381.5, 68.3, 68.3, 0.0); ( 731571.4, 4052406.5, 68.0, 68.0, 0.0);
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( 731571.4, 4052531.5, 68.2, 68.2, 0.0); ( 731571.4, 4052556.5, 68.1, 68.1, 0.0);
( 731571.4, 4052581.5, 68.0, 68.0, 0.0); ( 731571.4, 4052606.5, 67.9, 67.9, 0.0);
( 731571.4, 4052631.5, 67.8, 67.8, 0.0); ( 731571.4, 4052656.5, 67.7, 67.7, 0.0);
( 731571.4, 4052681.5, 67.6, 67.6, 0.0); ( 731571.4, 4052706.5, 67.5, 67.5, 0.0);
( 731571.4, 4052731.5, 67.4, 67.4, 0.0); ( 731571.4, 4052756.5, 67.3, 67.3, 0.0);
( 731571.4, 4052781.5, 67.2, 67.2, 0.0); ( 731571.4, 4052806.5, 67.1, 67.1, 0.0);
( 731571.4, 4052831.5, 67.0, 67.0, 0.0); ( 731571.4, 4053981.5, 64.9, 64.9, 0.0);

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( 731821.4, 4053106.5, 65.8, 65.8, 0.0); ( 731821.4, 4053981.5, 64.9, 64.9, 0.0);
( 731821.4, 4054006.5, 64.8, 64.8, 0.0); ( 731821.4, 4054031.5, 63.5, 63.5, 0.0);
( 731821.4, 4054056.5, 63.6, 63.6, 0.0); ( 731821.4, 4054081.5, 63.8, 63.8, 0.0);
( 731821.4, 4054806.5, 63.0, 63.0, 0.0); ( 731821.4, 4054831.5, 63.0, 63.0, 0.0);
( 731821.4, 4054856.5, 63.0, 63.0, 0.0); ( 731821.4, 4054881.5, 63.0, 63.0, 0.0);
( 731821.4, 4054906.5, 63.0, 63.0, 0.0); ( 731821.4, 4054931.5, 63.0, 63.0, 0.0);
( 731821.4, 4054956.5, 63.0, 63.0, 0.0); ( 731821.4, 4054981.5, 63.0, 63.0, 0.0);
( 731821.4, 4055006.5, 63.0, 63.0, 0.0); ( 731821.4, 4055031.5, 63.0, 63.0, 0.0);
( 731821.4, 4055056.5, 63.0, 63.0, 0.0); ( 731821.4, 4055081.5, 63.0, 63.0, 0.0);
( 731821.4, 4055106.5, 63.0, 63.0, 0.0); ( 731821.4, 4055131.5, 63.0, 63.0, 0.0);
( 731821.4, 4055156.5, 63.1, 63.1, 0.0); ( 731821.4, 4055181.5, 63.1, 63.1, 0.0);
( 731821.4, 4055206.5, 63.1, 63.1, 0.0); ( 731821.4, 4055231.5, 63.1, 63.1, 0.0);
( 731821.4, 4055256.5, 63.1, 63.1, 0.0); ( 731821.4, 4055281.5, 63.1, 63.1, 0.0);
( 731821.4, 4055306.5, 63.1, 63.1, 0.0); ( 731821.4, 4055331.5, 63.1, 63.1, 0.0);
( 731846.4, 4052331.5, 68.5, 68.5, 0.0); ( 731846.4, 4052356.5, 68.3, 68.3, 0.0);
( 731846.4, 4052381.5, 68.2, 68.2, 0.0); ( 731846.4, 4052406.5, 68.0, 68.0, 0.0);
( 731846.4, 4052781.5, 66.6, 66.6, 0.0); ( 731846.4, 4052806.5, 66.5, 66.5, 0.0);
( 731846.4, 4052831.5, 66.4, 66.4, 0.0); ( 731846.4, 4052981.5, 66.0, 66.0, 0.0);
( 731846.4, 4053006.5, 65.9, 65.9, 0.0); ( 731846.4, 4053031.5, 65.9, 65.9, 0.0);
( 731846.4, 4053056.5, 65.8, 65.8, 0.0); ( 731846.4, 4053081.5, 65.8, 65.8, 0.0);
( 731846.4, 4053106.5, 65.7, 65.7, 0.0); ( 731846.4, 4053981.5, 64.9, 64.9, 0.0);
( 731846.4, 4054006.5, 64.8, 64.8, 0.0); ( 731846.4, 4054031.5, 63.4, 63.4, 0.0);
( 731846.4, 4054056.5, 63.4, 63.4, 0.0); ( 731846.4, 4054081.5, 63.6, 63.6, 0.0);
( 731846.4, 4054806.5, 63.0, 63.0, 0.0); ( 731846.4, 4054831.5, 63.0, 63.0, 0.0);
( 731846.4, 4054856.5, 63.0, 63.0, 0.0); ( 731846.4, 4054881.5, 63.0, 63.0, 0.0);
( 731846.4, 4054906.5, 63.0, 63.0, 0.0); ( 731846.4, 4054931.5, 63.0, 63.0, 0.0);
( 731846.4, 4054956.5, 63.0, 63.0, 0.0); ( 731846.4, 4054981.5, 63.0, 63.0, 0.0);
( 731846.4, 4055006.5, 63.0, 63.0, 0.0); ( 731846.4, 4055031.5, 63.0, 63.0, 0.0);
( 731846.4, 4055056.5, 63.0, 63.0, 0.0); ( 731846.4, 4055081.5, 63.0, 63.0, 0.0);
( 731846.4, 4055106.5, 63.0, 63.0, 0.0); ( 731846.4, 4055131.5, 63.0, 63.0, 0.0);
( 731846.4, 4055156.5, 63.0, 63.0, 0.0); ( 731846.4, 4055181.5, 63.0, 63.0, 0.0);
( 731846.4, 4055206.5, 63.1, 63.1, 0.0); ( 731846.4, 4055231.5, 63.1, 63.1, 0.0);
( 731846.4, 4055256.5, 63.1, 63.1, 0.0); ( 731846.4, 4055281.5, 63.1, 63.1, 0.0);
( 731846.4, 4055306.5, 63.1, 63.1, 0.0); ( 731846.4, 4055331.5, 63.1, 63.1, 0.0);
( 731871.4, 4052331.5, 68.5, 68.5, 0.0); ( 731871.4, 4052356.5, 68.3, 68.3, 0.0);
( 731871.4, 4052381.5, 68.2, 68.2, 0.0); ( 731871.4, 4052406.5, 68.0, 68.0, 0.0);
( 731871.4, 4052781.5, 66.5, 66.5, 0.0); ( 731871.4, 4052806.5, 66.4, 66.4, 0.0);
( 731871.4, 4052831.5, 66.3, 66.3, 0.0); ( 731871.4, 4052981.5, 65.9, 65.9, 0.0);
( 731871.4, 4053006.5, 65.9, 65.9, 0.0); ( 731871.4, 4053031.5, 65.9, 65.9, 0.0);
( 731871.4, 4053056.5, 65.8, 65.8, 0.0); ( 731871.4, 4053081.5, 65.7, 65.7, 0.0);
( 731871.4, 4053106.5, 65.7, 65.7, 0.0); ( 731871.4, 4054006.5, 64.9, 64.9, 0.0);
( 731871.4, 4054031.5, 63.3, 63.3, 0.0); ( 731871.4, 4054056.5, 63.3, 63.3, 0.0);
( 731871.4, 4054081.5, 63.4, 63.4, 0.0); ( 731871.4, 4054806.5, 62.9, 62.9, 0.0);
( 731871.4, 4054831.5, 62.9, 62.9, 0.0); ( 731871.4, 4054856.5, 62.9, 62.9, 0.0);
( 731871.4, 4054881.5, 62.9, 62.9, 0.0); ( 731871.4, 4054906.5, 62.9, 62.9, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46 ***
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* ** ** PAGE 37
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731871.4, 4054931.5, 62.9, 62.9, 0.0); ( 731871.4, 4054956.5, 62.9, 62.9, 0.0);
( 731871.4, 4054981.5, 62.9, 62.9, 0.0); ( 731871.4, 4055006.5, 62.9, 62.9, 0.0);
( 731871.4, 4055031.5, 62.9, 62.9, 0.0); ( 731871.4, 4055056.5, 62.9, 62.9, 0.0);
( 731871.4, 4055081.5, 63.0, 63.0, 0.0); ( 731871.4, 4055106.5, 63.0, 63.0, 0.0);
( 731871.4, 4055131.5, 63.0, 63.0, 0.0); ( 731871.4, 4055156.5, 63.0, 63.0, 0.0);
( 731871.4, 4055181.5, 63.0, 63.0, 0.0); ( 731871.4, 4055206.5, 63.0, 63.0, 0.0);
( 731871.4, 4055231.5, 63.0, 63.0, 0.0); ( 731871.4, 4055256.5, 63.0, 63.0, 0.0);
( 731871.4, 4055281.5, 63.0, 63.0, 0.0); ( 731871.4, 4055306.5, 63.1, 63.1, 0.0);
( 731871.4, 4055331.5, 63.1, 63.1, 0.0); ( 731896.4, 4052331.5, 68.5, 68.5, 0.0);
( 731896.4, 4052356.5, 68.3, 68.3, 0.0); ( 731896.4, 4052381.5, 68.2, 68.2, 0.0);
( 731896.4, 4052406.5, 68.0, 68.0, 0.0); ( 731896.4, 4052781.5, 66.4, 66.4, 0.0);
( 731896.4, 4052806.5, 66.3, 66.3, 0.0); ( 731896.4, 4052831.5, 66.3, 66.3, 0.0);
( 731896.4, 4052981.5, 65.9, 65.9, 0.0); ( 731896.4, 4053006.5, 65.9, 65.9, 0.0);
( 731896.4, 4053031.5, 65.8, 65.8, 0.0); ( 731896.4, 4053056.5, 65.7, 65.7, 0.0);
( 731896.4, 4053081.5, 65.7, 65.7, 0.0); ( 731896.4, 4053106.5, 65.6, 65.6, 0.0);
( 731896.4, 4054006.5, 64.9, 64.9, 0.0); ( 731896.4, 4054031.5, 63.3, 63.3, 0.0);
( 731896.4, 4054056.5, 63.3, 63.3, 0.0); ( 731896.4, 4054081.5, 63.3, 63.3, 0.0);
( 731896.4, 4054806.5, 62.9, 62.9, 0.0); ( 731896.4, 4054831.5, 62.9, 62.9, 0.0);
( 731896.4, 4054856.5, 62.9, 62.9, 0.0); ( 731896.4, 4054881.5, 62.9, 62.9, 0.0);
( 731896.4, 4054906.5, 62.9, 62.9, 0.0); ( 731896.4, 4054931.5, 62.9, 62.9, 0.0);
( 731896.4, 4054956.5, 62.9, 62.9, 0.0); ( 731896.4, 4054981.5, 62.9, 62.9, 0.0);
( 731896.4, 4055006.5, 62.9, 62.9, 0.0); ( 731896.4, 4055031.5, 62.9, 62.9, 0.0);
( 731896.4, 4055056.5, 62.9, 62.9, 0.0); ( 731896.4, 4055081.5, 62.9, 62.9, 0.0);
( 731896.4, 4055106.5, 62.9, 62.9, 0.0); ( 731896.4, 4055131.5, 63.0, 63.0, 0.0);
( 731896.4, 4055156.5, 63.0, 63.0, 0.0); ( 731896.4, 4055181.5, 63.0, 63.0, 0.0);
( 731896.4, 4055206.5, 63.0, 63.0, 0.0); ( 731896.4, 4055231.5, 63.0, 63.0, 0.0);
( 731896.4, 4055256.5, 63.0, 63.0, 0.0); ( 731896.4, 4055281.5, 63.0, 63.0, 0.0);
( 731896.4, 4055306.5, 63.0, 63.0, 0.0); ( 731896.4, 4055331.5, 63.0, 63.0, 0.0);
( 731921.4, 4052331.5, 68.5, 68.5, 0.0); ( 731921.4, 4052356.5, 68.3, 68.3, 0.0);
( 731921.4, 4052381.5, 68.2, 68.2, 0.0); ( 731921.4, 4052406.5, 68.0, 68.0, 0.0);
( 731921.4, 4052781.5, 66.4, 66.4, 0.0); ( 731921.4, 4052806.5, 66.3, 66.3, 0.0);
( 731921.4, 4052831.5, 66.2, 66.2, 0.0); ( 731921.4, 4052981.5, 65.9, 65.9, 0.0);
( 731921.4, 4053006.5, 65.8, 65.8, 0.0); ( 731921.4, 4053031.5, 65.7, 65.7, 0.0);
( 731921.4, 4053056.5, 65.7, 65.7, 0.0); ( 731921.4, 4053081.5, 65.6, 65.6, 0.0);
( 731921.4, 4053106.5, 65.5, 65.5, 0.0); ( 731921.4, 4054006.5, 65.0, 65.0, 0.0);
( 731921.4, 4054031.5, 63.4, 63.4, 0.0); ( 731921.4, 4054056.5, 63.3, 63.3, 0.0);
( 731921.4, 4054081.5, 63.3, 63.3, 0.0); ( 731921.4, 4054306.5, 63.1, 63.1, 0.0);
( 731921.4, 4054331.5, 63.1, 63.1, 0.0); ( 731921.4, 4054356.5, 63.1, 63.1, 0.0);
( 731921.4, 4054381.5, 63.1, 63.1, 0.0); ( 731921.4, 4054406.5, 63.0, 63.0, 0.0);
( 731921.4, 4054431.5, 63.0, 63.0, 0.0); ( 731921.4, 4054456.5, 63.0, 63.0, 0.0);
( 731921.4, 4054481.5, 63.0, 63.0, 0.0); ( 731921.4, 4054506.5, 63.0, 63.0, 0.0);
( 731921.4, 4054531.5, 63.0, 63.0, 0.0); ( 731921.4, 4054556.5, 63.0, 63.0, 0.0);
( 731921.4, 4054581.5, 62.9, 62.9, 0.0); ( 731921.4, 4054606.5, 62.9, 62.9, 0.0);
( 731921.4, 4054631.5, 62.9, 62.9, 0.0); ( 731921.4, 4054656.5, 62.9, 62.9, 0.0);
( 731921.4, 4054681.5, 62.9, 62.9, 0.0); ( 731921.4, 4054706.5, 62.9, 62.9, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46 ***
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* ** ** PAGE 38
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731921.4, 4054731.5, 62.9, 62.9, 0.0); ( 731921.4, 4054756.5, 62.9, 62.9, 0.0);
( 731921.4, 4054781.5, 62.9, 62.9, 0.0); ( 731921.4, 4054806.5, 62.9, 62.9, 0.0);
( 731921.4, 4054831.5, 62.9, 62.9, 0.0); ( 731921.4, 4054856.5, 62.9, 62.9, 0.0);
( 731921.4, 4054881.5, 62.8, 62.8, 0.0); ( 731921.4, 4054906.5, 62.9, 62.9, 0.0);
( 731921.4, 4054931.5, 62.9, 62.9, 0.0); ( 731921.4, 4054956.5, 62.9, 62.9, 0.0);
( 731921.4, 4054981.5, 62.9, 62.9, 0.0); ( 731921.4, 4055006.5, 62.9, 62.9, 0.0);

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( 731921.4, 4055031.5, 62.9, 62.9, 0.0); ( 731921.4, 4055056.5, 62.9, 62.9, 0.0);
( 731921.4, 4055081.5, 62.9, 62.9, 0.0); ( 731921.4, 4055106.5, 62.9, 62.9, 0.0);
( 731921.4, 4055131.5, 62.9, 62.9, 0.0); ( 731921.4, 4055156.5, 62.9, 62.9, 0.0);
( 731921.4, 4055181.5, 62.9, 62.9, 0.0); ( 731921.4, 4055206.5, 62.9, 62.9, 0.0);
( 731921.4, 4055231.5, 62.9, 62.9, 0.0); ( 731921.4, 4055256.5, 63.0, 63.0, 0.0);
( 731921.4, 4055281.5, 63.0, 63.0, 0.0); ( 731921.4, 4055306.5, 63.0, 63.0, 0.0);
( 731921.4, 4055331.5, 63.0, 63.0, 0.0); ( 731946.4, 4052331.5, 68.4, 68.4, 0.0);
( 731946.4, 4052356.5, 68.3, 68.3, 0.0); ( 731946.4, 4052381.5, 68.2, 68.2, 0.0);
( 731946.4, 4052406.5, 68.0, 68.0, 0.0); ( 731946.4, 4052781.5, 66.3, 66.3, 0.0);
( 731946.4, 4052806.5, 66.3, 66.3, 0.0); ( 731946.4, 4052831.5, 66.3, 66.3, 0.0);
( 731946.4, 4052981.5, 65.9, 65.9, 0.0); ( 731946.4, 4053006.5, 65.8, 65.8, 0.0);
( 731946.4, 4053031.5, 65.7, 65.7, 0.0); ( 731946.4, 4053056.5, 65.7, 65.7, 0.0);
( 731946.4, 4053081.5, 65.5, 65.5, 0.0); ( 731946.4, 4053106.5, 65.5, 65.5, 0.0);
( 731946.4, 4053681.5, 64.9, 64.9, 0.0); ( 731946.4, 4053706.5, 64.9, 64.9, 0.0);
( 731946.4, 4053731.5, 64.9, 64.9, 0.0); ( 731946.4, 4053756.5, 64.8, 64.8, 0.0);
( 731946.4, 4053781.5, 64.8, 64.8, 0.0); ( 731946.4, 4053806.5, 64.8, 64.8, 0.0);
( 731946.4, 4053831.5, 64.8, 64.8, 0.0); ( 731946.4, 4053856.5, 64.9, 64.9, 0.0);
( 731946.4, 4053881.5, 64.9, 64.9, 0.0); ( 731946.4, 4053906.5, 64.9, 64.9, 0.0);
( 731946.4, 4053931.5, 64.9, 64.9, 0.0); ( 731946.4, 4053956.5, 64.9, 64.9, 0.0);
( 731946.4, 4053981.5, 65.0, 65.0, 0.0); ( 731946.4, 4054006.5, 64.9, 64.9, 0.0);
( 731946.4, 4054031.5, 63.4, 63.4, 0.0); ( 731946.4, 4054056.5, 63.2, 63.2, 0.0);
( 731946.4, 4054081.5, 63.2, 63.2, 0.0); ( 731946.4, 4054106.5, 63.2, 63.2, 0.0);
( 731946.4, 4054131.5, 63.2, 63.2, 0.0); ( 731946.4, 4054156.5, 63.2, 63.2, 0.0);
( 731946.4, 4054181.5, 63.2, 63.2, 0.0); ( 731946.4, 4054206.5, 63.1, 63.1, 0.0);
( 731946.4, 4054231.5, 63.1, 63.1, 0.0); ( 731946.4, 4054256.5, 63.1, 63.1, 0.0);
( 731946.4, 4054281.5, 63.1, 63.1, 0.0); ( 731946.4, 4054306.5, 63.1, 63.1, 0.0);
( 731946.4, 4054331.5, 63.0, 63.0, 0.0); ( 731946.4, 4054356.5, 63.0, 63.0, 0.0);
( 731946.4, 4054381.5, 63.0, 63.0, 0.0); ( 731946.4, 4054406.5, 63.0, 63.0, 0.0);
( 731946.4, 4054431.5, 63.0, 63.0, 0.0); ( 731946.4, 4054456.5, 63.0, 63.0, 0.0);
( 731946.4, 4054481.5, 63.0, 63.0, 0.0); ( 731946.4, 4054506.5, 63.0, 63.0, 0.0);
( 731946.4, 4054531.5, 62.9, 62.9, 0.0); ( 731946.4, 4054556.5, 62.9, 62.9, 0.0);
( 731946.4, 4054581.5, 62.9, 62.9, 0.0); ( 731946.4, 4054606.5, 62.9, 62.9, 0.0);
( 731946.4, 4054631.5, 62.9, 62.9, 0.0); ( 731946.4, 4054656.5, 62.9, 62.9, 0.0);
( 731946.4, 4054681.5, 62.9, 62.9, 0.0); ( 731946.4, 4054706.5, 62.8, 62.8, 0.0);
( 731946.4, 4054731.5, 62.8, 62.8, 0.0); ( 731946.4, 4054756.5, 62.8, 62.8, 0.0);
( 731946.4, 4054781.5, 62.8, 62.8, 0.0); ( 731946.4, 4054806.5, 62.8, 62.8, 0.0);
( 731946.4, 4054831.5, 62.8, 62.8, 0.0); ( 731946.4, 4054856.5, 62.8, 62.8, 0.0);
( 731946.4, 4054881.5, 62.8, 62.8, 0.0); ( 731946.4, 4054906.5, 62.8, 62.8, 0.0);
( 731946.4, 4054931.5, 62.8, 62.8, 0.0); ( 731946.4, 4054956.5, 62.8, 62.8, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 39
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731946.4, 4054981.5, 62.8, 62.8, 0.0); ( 731946.4, 4055006.5, 62.8, 62.8, 0.0);
( 731946.4, 4055031.5, 62.8, 62.8, 0.0); ( 731946.4, 4055206.5, 62.9, 62.9, 0.0);
( 731946.4, 4055231.5, 62.9, 62.9, 0.0); ( 731946.4, 4055256.5, 62.9, 62.9, 0.0);
( 731946.4, 4055281.5, 62.9, 62.9, 0.0); ( 731946.4, 4055306.5, 62.9, 62.9, 0.0);
( 731946.4, 4055331.5, 62.9, 62.9, 0.0); ( 731971.4, 4052331.5, 68.4, 68.4, 0.0);
( 731971.4, 4052356.5, 68.3, 68.3, 0.0); ( 731971.4, 4052381.5, 68.2, 68.2, 0.0);
( 731971.4, 4052406.5, 68.0, 68.0, 0.0); ( 731971.4, 4052756.5, 66.4, 66.4, 0.0);
( 731971.4, 4052781.5, 66.4, 66.4, 0.0); ( 731971.4, 4052806.5, 66.4, 66.4, 0.0);
( 731971.4, 4052831.5, 66.4, 66.4, 0.0); ( 731971.4, 4052856.5, 66.3, 66.3, 0.0);
( 731971.4, 4052881.5, 66.2, 66.2, 0.0); ( 731971.4, 4052906.5, 66.1, 66.1, 0.0);
( 731971.4, 4052931.5, 66.0, 66.0, 0.0); ( 731971.4, 4052956.5, 66.0, 66.0, 0.0);
( 731971.4, 4052981.5, 65.9, 65.9, 0.0); ( 731971.4, 4053006.5, 65.8, 65.8, 0.0);
( 731971.4, 4053031.5, 65.7, 65.7, 0.0); ( 731971.4, 4053056.5, 65.6, 65.6, 0.0);
( 731971.4, 4053081.5, 65.6, 65.6, 0.0); ( 731971.4, 4053106.5, 65.5, 65.5, 0.0);
( 731971.4, 4053131.5, 65.6, 65.6, 0.0); ( 731971.4, 4053156.5, 65.3, 65.3, 0.0);
( 731971.4, 4053181.5, 65.2, 65.2, 0.0); ( 731971.4, 4053206.5, 65.2, 65.2, 0.0);
( 731971.4, 4053231.5, 65.1, 65.1, 0.0); ( 731971.4, 4053256.5, 65.0, 65.0, 0.0);
( 731971.4, 4053281.5, 65.0, 65.0, 0.0); ( 731971.4, 4053306.5, 65.0, 65.0, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732096.4, 4053006.5, 65.5, 65.5, 0.0); ( 732096.4, 4053031.5, 65.4, 65.4, 0.0);
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( 732096.4, 4053106.5, 65.2, 65.2, 0.0); ( 732096.4, 4053131.5, 65.1, 65.1, 0.0);
( 732096.4, 4053156.5, 65.0, 65.0, 0.0); ( 732096.4, 4053181.5, 65.0, 65.0, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** 23:30:46
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** 23:30:46
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732246.4, 4053156.5, 64.7, 64.7, 0.0); ( 732246.4, 4053181.5, 64.7, 64.7, 0.0);
( 732246.4, 4053206.5, 64.6, 64.6, 0.0); ( 732246.4, 4053231.5, 64.5, 64.5, 0.0);
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 46

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 732346.4, 4053131.5, 64.6, 64.6, 0.0); ( 732346.4, 4053156.5, 64.5, 64.5, 0.0);
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( 732396.4, 4053031.5, 64.8, 64.8, 0.0); ( 732396.4, 4053056.5, 64.7, 64.7, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 49

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732396.4, 4053081.5, 64.6, 64.6, 0.0); ( 732396.4, 4053106.5, 64.5, 64.5, 0.0);
( 732396.4, 4053131.5, 64.5, 64.5, 0.0); ( 732396.4, 4053156.5, 64.4, 64.4, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
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*** MODELOPTS:   RegDFault  CONC  ELEV  ARM2  RURAL  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732496.4, 4055281.5, 61.9, 61.9, 0.0); ( 732496.4, 4055306.5, 61.9, 61.9, 0.0);
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( 732521.4, 4053206.5, 64.0, 64.0, 0.0); ( 732521.4, 4053231.5, 64.0, 64.0, 0.0);
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( 732521.4, 4055306.5, 61.9, 61.9, 0.0); ( 732521.4, 4055331.5, 61.9, 61.9, 0.0);
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS:   RegDFault  CONC  ELEV  ARM2  RURAL  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732546.4, 4053181.5, 64.1, 64.1, 0.0); ( 732546.4, 4053206.5, 64.0, 64.0, 0.0);
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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS:   RegDFault  CONC  ELEV  ARM2  RURAL  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** 23:30:46 ***
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 54

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** 23:30:46 ***
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 55

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732721.4, 4052906.5, 64.5, 64.5, 0.0); ( 732721.4, 4052931.5, 64.5, 64.5, 0.0);
( 732721.4, 4052956.5, 64.4, 64.4, 0.0); ( 732721.4, 4052981.5, 64.3, 64.3, 0.0);
( 732721.4, 4053006.5, 64.2, 64.2, 0.0); ( 732721.4, 4053031.5, 64.1, 64.1, 0.0);
( 732721.4, 4053056.5, 64.1, 64.1, 0.0); ( 732721.4, 4053081.5, 64.0, 64.0, 0.0);
( 732721.4, 4053106.5, 63.9, 63.9, 0.0); ( 732721.4, 4053131.5, 63.8, 63.8, 0.0);
( 732721.4, 4053156.5, 63.8, 63.8, 0.0); ( 732721.4, 4053181.5, 63.7, 63.7, 0.0);
( 732721.4, 4053206.5, 63.6, 63.6, 0.0); ( 732721.4, 4053231.5, 63.6, 63.6, 0.0);
( 732721.4, 4054006.5, 62.3, 62.3, 0.0); ( 732721.4, 4054031.5, 62.3, 62.3, 0.0);
( 732721.4, 4054056.5, 62.2, 62.2, 0.0); ( 732721.4, 4054081.5, 62.2, 62.2, 0.0);
( 732721.4, 4055231.5, 61.5, 61.5, 0.0); ( 732721.4, 4055256.5, 61.6, 61.6, 0.0);
( 732721.4, 4055281.5, 61.6, 61.6, 0.0); ( 732721.4, 4055306.5, 61.6, 61.6, 0.0);
( 732721.4, 4055331.5, 61.6, 61.6, 0.0); ( 732746.4, 4052331.5, 66.4, 66.4, 0.0);
( 732746.4, 4052356.5, 66.3, 66.3, 0.0); ( 732746.4, 4052381.5, 66.3, 66.3, 0.0);
( 732746.4, 4052406.5, 66.1, 66.1, 0.0); ( 732746.4, 4052431.5, 66.1, 66.1, 0.0);
( 732746.4, 4052456.5, 66.0, 66.0, 0.0); ( 732746.4, 4052481.5, 65.9, 65.9, 0.0);
( 732746.4, 4052506.5, 65.8, 65.8, 0.0); ( 732746.4, 4052531.5, 65.7, 65.7, 0.0);
( 732746.4, 4052556.5, 65.7, 65.7, 0.0); ( 732746.4, 4052581.5, 65.6, 65.6, 0.0);
( 732746.4, 4052606.5, 65.5, 65.5, 0.0); ( 732746.4, 4052631.5, 65.4, 65.4, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 732746.4, 4052656.5, 65.3, 65.3, 0.0); ( 732746.4, 4052681.5, 65.2, 65.2, 0.0);
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( 732746.4, 4052856.5, 64.6, 64.6, 0.0); ( 732746.4, 4052881.5, 64.6, 64.6, 0.0);
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( 732746.4, 4052956.5, 64.3, 64.3, 0.0); ( 732746.4, 4052981.5, 64.3, 64.3, 0.0);
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( 732746.4, 4053056.5, 64.0, 64.0, 0.0); ( 732746.4, 4053081.5, 63.9, 63.9, 0.0);
( 732746.4, 4053106.5, 63.9, 63.9, 0.0); ( 732746.4, 4053131.5, 63.8, 63.8, 0.0);
( 732746.4, 4053156.5, 63.7, 63.7, 0.0); ( 732746.4, 4053181.5, 63.6, 63.6, 0.0);
( 732746.4, 4053206.5, 63.6, 63.6, 0.0); ( 732746.4, 4053231.5, 63.5, 63.5, 0.0);
( 732746.4, 4054006.5, 62.3, 62.3, 0.0); ( 732746.4, 4054031.5, 62.2, 62.2, 0.0);
( 732746.4, 4054056.5, 62.2, 62.2, 0.0); ( 732746.4, 4054081.5, 62.2, 62.2, 0.0);
( 732746.4, 4055231.5, 61.5, 61.5, 0.0); ( 732746.4, 4055256.5, 61.5, 61.5, 0.0);
( 732746.4, 4055281.5, 61.5, 61.5, 0.0); ( 732746.4, 4055306.5, 61.5, 61.5, 0.0);
( 732746.4, 4055331.5, 61.5, 61.5, 0.0); ( 732771.4, 4052331.5, 66.4, 66.4, 0.0);
( 732771.4, 4052356.5, 66.3, 66.3, 0.0); ( 732771.4, 4052381.5, 66.2, 66.2, 0.0);
( 732771.4, 4052406.5, 66.1, 66.1, 0.0); ( 732771.4, 4052431.5, 66.0, 66.0, 0.0);
( 732771.4, 4052456.5, 65.9, 65.9, 0.0); ( 732771.4, 4052481.5, 65.9, 65.9, 0.0);
( 732771.4, 4052506.5, 65.8, 65.8, 0.0); ( 732771.4, 4052531.5, 65.7, 65.7, 0.0);
( 732771.4, 4052556.5, 65.6, 65.6, 0.0); ( 732771.4, 4052581.5, 65.5, 65.5, 0.0);
( 732771.4, 4052606.5, 65.4, 65.4, 0.0); ( 732771.4, 4052631.5, 65.3, 65.3, 0.0);
( 732771.4, 4052656.5, 65.3, 65.3, 0.0); ( 732771.4, 4052681.5, 65.2, 65.2, 0.0);
( 732771.4, 4052706.5, 65.1, 65.1, 0.0); ( 732771.4, 4052731.5, 65.0, 65.0, 0.0);
( 732771.4, 4052756.5, 64.9, 64.9, 0.0); ( 732771.4, 4052781.5, 64.9, 64.9, 0.0);
( 732771.4, 4052806.5, 64.8, 64.8, 0.0); ( 732771.4, 4052831.5, 64.7, 64.7, 0.0);
( 732771.4, 4052856.5, 64.6, 64.6, 0.0); ( 732771.4, 4052881.5, 64.5, 64.5, 0.0);
( 732771.4, 4052906.5, 64.5, 64.5, 0.0); ( 732771.4, 4052931.5, 64.4, 64.4, 0.0);
( 732771.4, 4052956.5, 64.3, 64.3, 0.0); ( 732771.4, 4052981.5, 64.2, 64.2, 0.0);
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( 732771.4, 4053106.5, 63.8, 63.8, 0.0); ( 732771.4, 4053131.5, 63.7, 63.7, 0.0);
( 732771.4, 4053156.5, 63.7, 63.7, 0.0); ( 732771.4, 4053181.5, 63.6, 63.6, 0.0);
( 732771.4, 4053206.5, 63.5, 63.5, 0.0); ( 732771.4, 4053231.5, 63.5, 63.5, 0.0);
( 732771.4, 4054006.5, 62.2, 62.2, 0.0); ( 732771.4, 4054031.5, 62.2, 62.2, 0.0);
( 732771.4, 4054056.5, 62.2, 62.2, 0.0); ( 732771.4, 4054081.5, 62.1, 62.1, 0.0);
( 732771.4, 4055231.5, 61.5, 61.5, 0.0); ( 732771.4, 4055256.5, 61.5, 61.5, 0.0);
( 732771.4, 4055281.5, 61.5, 61.5, 0.0); ( 732771.4, 4055306.5, 61.5, 61.5, 0.0);
( 732771.4, 4055331.5, 61.5, 61.5, 0.0); ( 732796.4, 4052331.5, 66.3, 66.3, 0.0);
( 732796.4, 4052356.5, 66.2, 66.2, 0.0); ( 732796.4, 4052381.5, 66.1, 66.1, 0.0);
( 732796.4, 4052406.5, 66.0, 66.0, 0.0); ( 732796.4, 4052431.5, 66.0, 66.0, 0.0);
( 732796.4, 4052456.5, 65.8, 65.8, 0.0); ( 732796.4, 4052481.5, 65.8, 65.8, 0.0);
( 732796.4, 4052506.5, 65.7, 65.7, 0.0); ( 732796.4, 4052531.5, 65.6, 65.6, 0.0);
( 732796.4, 4052556.5, 65.5, 65.5, 0.0); ( 732796.4, 4052581.5, 65.4, 65.4, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 732796.4, 4052606.5, 65.4, 65.4, 0.0); ( 732796.4, 4052631.5, 65.3, 65.3, 0.0);
( 732796.4, 4052656.5, 65.2, 65.2, 0.0); ( 732796.4, 4052681.5, 65.1, 65.1, 0.0);
( 732796.4, 4052706.5, 65.0, 65.0, 0.0); ( 732796.4, 4052731.5, 65.0, 65.0, 0.0);
( 732796.4, 4052756.5, 64.9, 64.9, 0.0); ( 732796.4, 4052781.5, 64.8, 64.8, 0.0);
( 732796.4, 4052806.5, 64.7, 64.7, 0.0); ( 732796.4, 4052831.5, 64.6, 64.6, 0.0);
( 732796.4, 4052856.5, 64.5, 64.5, 0.0); ( 732796.4, 4052881.5, 64.5, 64.5, 0.0);
( 732796.4, 4052906.5, 64.4, 64.4, 0.0); ( 732796.4, 4052931.5, 64.3, 64.3, 0.0);
( 732796.4, 4052956.5, 64.2, 64.2, 0.0); ( 732796.4, 4052981.5, 64.1, 64.1, 0.0);
( 732796.4, 4053006.5, 64.1, 64.1, 0.0); ( 732796.4, 4053031.5, 64.0, 64.0, 0.0);
( 732796.4, 4053056.5, 63.9, 63.9, 0.0); ( 732796.4, 4053081.5, 63.8, 63.8, 0.0);
( 732796.4, 4053106.5, 63.8, 63.8, 0.0); ( 732796.4, 4053131.5, 63.7, 63.7, 0.0);
( 732796.4, 4053156.5, 63.6, 63.6, 0.0); ( 732796.4, 4053181.5, 63.5, 63.5, 0.0);
( 732796.4, 4053206.5, 63.4, 63.4, 0.0); ( 732796.4, 4053231.5, 63.4, 63.4, 0.0);
( 732796.4, 4054006.5, 62.2, 62.2, 0.0); ( 732796.4, 4054031.5, 62.2, 62.2, 0.0);
( 732796.4, 4054056.5, 62.1, 62.1, 0.0); ( 732796.4, 4054081.5, 62.1, 62.1, 0.0);

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( 732796.4, 4055231.5, 61.5, 61.5, 0.0); ( 732796.4, 4055256.5, 61.5, 61.5, 0.0);
( 732796.4, 4055281.5, 61.5, 61.5, 0.0); ( 732796.4, 4055306.5, 61.5, 61.5, 0.0);
( 732796.4, 4055331.5, 61.5, 61.5, 0.0); ( 732821.4, 4052331.5, 66.2, 66.2, 0.0);
( 732821.4, 4052356.5, 66.2, 66.2, 0.0); ( 732821.4, 4052381.5, 66.1, 66.1, 0.0);
( 732821.4, 4052406.5, 66.0, 66.0, 0.0); ( 732821.4, 4052431.5, 65.9, 65.9, 0.0);
( 732821.4, 4052456.5, 65.8, 65.8, 0.0); ( 732821.4, 4052481.5, 65.7, 65.7, 0.0);
( 732821.4, 4052506.5, 65.6, 65.6, 0.0); ( 732821.4, 4052531.5, 65.6, 65.6, 0.0);
( 732821.4, 4052556.5, 65.5, 65.5, 0.0); ( 732821.4, 4052581.5, 65.4, 65.4, 0.0);
( 732821.4, 4052606.5, 65.3, 65.3, 0.0); ( 732821.4, 4052631.5, 65.2, 65.2, 0.0);
( 732821.4, 4052656.5, 65.1, 65.1, 0.0); ( 732821.4, 4052681.5, 65.0, 65.0, 0.0);
( 732821.4, 4052706.5, 65.0, 65.0, 0.0); ( 732821.4, 4052731.5, 64.9, 64.9, 0.0);
( 732821.4, 4052756.5, 64.8, 64.8, 0.0); ( 732821.4, 4052781.5, 64.8, 64.8, 0.0);
( 732821.4, 4052806.5, 64.7, 64.7, 0.0); ( 732821.4, 4052831.5, 64.6, 64.6, 0.0);
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( 732821.4, 4052906.5, 64.3, 64.3, 0.0); ( 732821.4, 4052931.5, 64.2, 64.2, 0.0);
( 732821.4, 4052956.5, 64.2, 64.2, 0.0); ( 732821.4, 4052981.5, 64.1, 64.1, 0.0);
( 732821.4, 4053006.5, 64.0, 64.0, 0.0); ( 732821.4, 4053031.5, 63.9, 63.9, 0.0);
( 732821.4, 4053056.5, 63.8, 63.8, 0.0); ( 732821.4, 4053081.5, 63.8, 63.8, 0.0);
( 732821.4, 4054006.5, 62.2, 62.2, 0.0); ( 732821.4, 4054031.5, 62.1, 62.1, 0.0);
( 732821.4, 4054056.5, 62.1, 62.1, 0.0); ( 732821.4, 4054081.5, 62.1, 62.1, 0.0);
( 732821.4, 4055256.5, 61.4, 61.4, 0.0); ( 732821.4, 4055281.5, 61.4, 61.4, 0.0);
( 732821.4, 4055306.5, 61.4, 61.4, 0.0); ( 732821.4, 4055331.5, 61.4, 61.4, 0.0);
( 732846.4, 4052331.5, 66.2, 66.2, 0.0); ( 732846.4, 4052356.5, 66.1, 66.1, 0.0);
( 732846.4, 4052381.5, 66.0, 66.0, 0.0); ( 732846.4, 4052406.5, 65.9, 65.9, 0.0);
( 732846.4, 4052431.5, 65.8, 65.8, 0.0); ( 732846.4, 4052456.5, 65.8, 65.8, 0.0);
( 732846.4, 4052481.5, 65.7, 65.7, 0.0); ( 732846.4, 4052506.5, 65.6, 65.6, 0.0);
( 732846.4, 4052531.5, 65.5, 65.5, 0.0); ( 732846.4, 4052556.5, 65.4, 65.4, 0.0);
( 732846.4, 4052581.5, 65.3, 65.3, 0.0); ( 732846.4, 4052606.5, 65.2, 65.2, 0.0);
( 732846.4, 4052631.5, 65.2, 65.2, 0.0); ( 732846.4, 4052656.5, 65.1, 65.1, 0.0);
( 732846.4, 4052681.5, 65.0, 65.0, 0.0); ( 732846.4, 4052706.5, 64.9, 64.9, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 58

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 732846.4, 4052731.5, 64.8, 64.8, 0.0); ( 732846.4, 4052756.5, 64.8, 64.8, 0.0);
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( 732846.4, 4052831.5, 64.5, 64.5, 0.0); ( 732846.4, 4052856.5, 64.4, 64.4, 0.0);
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( 732846.4, 4054081.5, 62.0, 62.0, 0.0); ( 732846.4, 4055256.5, 61.4, 61.4, 0.0);
( 732846.4, 4055281.5, 61.4, 61.4, 0.0); ( 732846.4, 4055306.5, 61.4, 61.4, 0.0);
( 732846.4, 4055331.5, 61.4, 61.4, 0.0); ( 732871.4, 4052331.5, 66.1, 66.1, 0.0);
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( 732871.4, 4052556.5, 65.3, 65.3, 0.0); ( 732871.4, 4052581.5, 65.2, 65.2, 0.0);
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( 732871.4, 4054056.5, 62.0, 62.0, 0.0); ( 732871.4, 4054081.5, 62.0, 62.0, 0.0);
( 732871.4, 4055256.5, 61.3, 61.3, 0.0); ( 732871.4, 4055281.5, 61.3, 61.3, 0.0);
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( 732896.4, 4054081.5, 62.0, 62.0, 0.0); ( 732896.4, 4055256.5, 61.3, 61.3, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 59

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 67

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 68

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

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(733521.4, 4054206.5, 61.0, 61.0, 0.0);	(733521.4, 4054231.5, 61.0, 61.0, 0.0);
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(733521.4, 4055006.5, 60.4, 60.4, 0.0);	(733521.4, 4055031.5, 60.4, 60.4, 0.0);
(733521.4, 4055056.5, 60.4, 60.4, 0.0);	(733521.4, 4055081.5, 60.4, 60.4, 0.0);
(733521.4, 4055106.5, 60.4, 60.4, 0.0);	(733521.4, 4055131.5, 60.4, 60.4, 0.0);
(733521.4, 4055156.5, 60.4, 60.4, 0.0);	(733521.4, 4055181.5, 60.4, 60.4, 0.0);
(733521.4, 4055206.5, 60.3, 60.3, 0.0);	(733521.4, 4055231.5, 60.2, 60.2, 0.0);
(733521.4, 4055256.5, 60.2, 60.2, 0.0);	(733521.4, 4055281.5, 60.2, 60.2, 0.0);
(733521.4, 4055306.5, 60.2, 60.2, 0.0);	(733521.4, 4055331.5, 60.2, 60.2, 0.0);
(733546.4, 4052331.5, 64.4, 64.4, 0.0);	(733546.4, 4052356.5, 64.3, 64.3, 0.0);
(733546.4, 4052381.5, 64.3, 64.3, 0.0);	(733546.4, 4052406.5, 64.2, 64.2, 0.0);
(733546.4, 4052431.5, 64.1, 64.1, 0.0);	(733546.4, 4052456.5, 64.0, 64.0, 0.0);
(733546.4, 4052481.5, 64.0, 64.0, 0.0);	(733546.4, 4052506.5, 63.9, 63.9, 0.0);
(733546.4, 4052531.5, 63.8, 63.8, 0.0);	(733546.4, 4052556.5, 63.7, 63.7, 0.0);
(733546.4, 4052581.5, 63.7, 63.7, 0.0);	(733546.4, 4052606.5, 63.6, 63.6, 0.0);
(733546.4, 4052631.5, 63.5, 63.5, 0.0);	(733546.4, 4052656.5, 63.4, 63.4, 0.0);
(733546.4, 4052681.5, 63.3, 63.3, 0.0);	(733546.4, 4052706.5, 63.3, 63.3, 0.0);
(733546.4, 4052731.5, 63.2, 63.2, 0.0);	(733546.4, 4052756.5, 63.1, 63.1, 0.0);
(733546.4, 4052781.5, 63.1, 63.1, 0.0);	(733546.4, 4052806.5, 63.0, 63.0, 0.0);
(733546.4, 4052831.5, 63.0, 63.0, 0.0);	(733546.4, 4052856.5, 62.9, 62.9, 0.0);
(733546.4, 4052881.5, 62.8, 62.8, 0.0);	(733546.4, 4052906.5, 62.8, 62.8, 0.0);
(733546.4, 4052931.5, 62.8, 62.8, 0.0);	(733546.4, 4052956.5, 62.7, 62.7, 0.0);
(733546.4, 4052981.5, 62.7, 62.7, 0.0);	(733546.4, 4053006.5, 62.6, 62.6, 0.0);
(733546.4, 4053031.5, 62.6, 62.6, 0.0);	(733546.4, 4053056.5, 62.5, 62.5, 0.0);
(733546.4, 4053081.5, 62.5, 62.5, 0.0);	(733546.4, 4053106.5, 62.4, 62.4, 0.0);
(733546.4, 4053131.5, 62.4, 62.4, 0.0);	(733546.4, 4053156.5, 62.3, 62.3, 0.0);
(733546.4, 4053181.5, 62.3, 62.3, 0.0);	(733546.4, 4053206.5, 62.2, 62.2, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** ** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733546.4, 4053231.5, 62.2, 62.2, 0.0);	(733546.4, 4053256.5, 62.2, 62.2, 0.0);
(733546.4, 4053281.5, 62.1, 62.1, 0.0);	(733546.4, 4053306.5, 62.1, 62.1, 0.0);
(733546.4, 4053331.5, 62.0, 62.0, 0.0);	(733546.4, 4053356.5, 62.0, 62.0, 0.0);
(733546.4, 4053381.5, 61.9, 61.9, 0.0);	(733546.4, 4053406.5, 61.9, 61.9, 0.0);
(733546.4, 4053431.5, 61.8, 61.8, 0.0);	(733546.4, 4053456.5, 61.8, 61.8, 0.0);
(733546.4, 4053481.5, 61.7, 61.7, 0.0);	(733546.4, 4053506.5, 61.7, 61.7, 0.0);
(733546.4, 4053531.5, 61.7, 61.7, 0.0);	(733546.4, 4053556.5, 61.6, 61.6, 0.0);
(733546.4, 4053581.5, 61.6, 61.6, 0.0);	(733546.4, 4053606.5, 61.6, 61.6, 0.0);
(733546.4, 4053631.5, 61.6, 61.6, 0.0);	(733546.4, 4053656.5, 61.5, 61.5, 0.0);
(733546.4, 4053681.5, 61.5, 61.5, 0.0);	(733546.4, 4053706.5, 61.5, 61.5, 0.0);
(733546.4, 4053731.5, 61.4, 61.4, 0.0);	(733546.4, 4053756.5, 61.4, 61.4, 0.0);
(733546.4, 4053781.5, 61.4, 61.4, 0.0);	(733546.4, 4053806.5, 61.3, 61.3, 0.0);
(733546.4, 4053831.5, 61.3, 61.3, 0.0);	(733546.4, 4053856.5, 61.3, 61.3, 0.0);
(733546.4, 4053881.5, 61.2, 61.2, 0.0);	(733546.4, 4053906.5, 61.2, 61.2, 0.0);
(733546.4, 4053931.5, 61.2, 61.2, 0.0);	(733546.4, 4053956.5, 61.2, 61.2, 0.0);
(733546.4, 4053981.5, 61.2, 61.2, 0.0);	(733546.4, 4054006.5, 61.1, 61.1, 0.0);
(733546.4, 4054031.5, 61.1, 61.1, 0.0);	(733546.4, 4054056.5, 61.1, 61.1, 0.0);
(733546.4, 4054081.5, 61.1, 61.1, 0.0);	(733546.4, 4054106.5, 61.0, 61.0, 0.0);
(733546.4, 4054131.5, 61.0, 61.0, 0.0);	(733546.4, 4054156.5, 61.0, 61.0, 0.0);
(733546.4, 4054231.5, 60.9, 60.9, 0.0);	(733546.4, 4054206.5, 60.9, 60.9, 0.0);
(733546.4, 4054281.5, 60.9, 60.9, 0.0);	(733546.4, 4054256.5, 60.9, 60.9, 0.0);
(733546.4, 4054331.5, 60.8, 60.8, 0.0);	(733546.4, 4054306.5, 60.8, 60.8, 0.0);
(733546.4, 4054381.5, 60.8, 60.8, 0.0);	(733546.4, 4054356.5, 60.8, 60.8, 0.0);
(733546.4, 4054431.5, 60.7, 60.7, 0.0);	(733546.4, 4054406.5, 60.8, 60.8, 0.0);
(733546.4, 4054481.5, 60.7, 60.7, 0.0);	(733546.4, 4054456.5, 60.7, 60.7, 0.0);
(733546.4, 4054531.5, 60.7, 60.7, 0.0);	(733546.4, 4054506.5, 60.7, 60.7, 0.0);
(733546.4, 4054581.5, 60.6, 60.6, 0.0);	(733546.4, 4054556.5, 60.7, 60.7, 0.0);
(733546.4, 4054631.5, 60.6, 60.6, 0.0);	(733546.4, 4054606.5, 60.6, 60.6, 0.0);
(733546.4, 4054681.5, 60.6, 60.6, 0.0);	(733546.4, 4054656.5, 60.6, 60.6, 0.0);
(733546.4, 4054731.5, 60.5, 60.5, 0.0);	(733546.4, 4054706.5, 60.6, 60.6, 0.0);
(733546.4, 4054781.5, 60.5, 60.5, 0.0);	(733546.4, 4054756.5, 60.5, 60.5, 0.0);
(733546.4, 4054831.5, 60.5, 60.5, 0.0);	(733546.4, 4054806.5, 60.5, 60.5, 0.0);
(733546.4, 4054881.5, 60.5, 60.5, 0.0);	(733546.4, 4054856.5, 60.5, 60.5, 0.0);
(733546.4, 4054931.5, 60.4, 60.4, 0.0);	(733546.4, 4054906.5, 60.5, 60.5, 0.0);
(733546.4, 4054981.5, 60.4, 60.4, 0.0);	(733546.4, 4054956.5, 60.4, 60.4, 0.0);
(733546.4, 4055031.5, 60.4, 60.4, 0.0);	(733546.4, 4055006.5, 60.4, 60.4, 0.0);
(733546.4, 4055081.5, 60.4, 60.4, 0.0);	(733546.4, 4055056.5, 60.4, 60.4, 0.0);
(733546.4, 4055131.5, 60.3, 60.3, 0.0);	(733546.4, 4055106.5, 60.4, 60.4, 0.0);
(733546.4, 4055181.5, 60.3, 60.3, 0.0);	(733546.4, 4055156.5, 60.3, 60.3, 0.0);
(733546.4, 4055231.5, 60.3, 60.3, 0.0);	(733546.4, 4055206.5, 60.3, 60.3, 0.0);
(733546.4, 4055281.5, 60.2, 60.2, 0.0);	(733546.4, 4055256.5, 60.3, 60.3, 0.0);
(733546.4, 4055331.5, 60.2, 60.2, 0.0);	(733546.4, 4055306.5, 60.2, 60.2, 0.0);
(733571.4, 4052356.5, 64.3, 64.3, 0.0);	(733571.4, 4052331.5, 64.3, 64.3, 0.0);
(733571.4, 4052406.5, 64.1, 64.1, 0.0);	(733571.4, 4052381.5, 64.2, 64.2, 0.0);
(733571.4, 4052456.5, 63.9, 63.9, 0.0);	(733571.4, 4052431.5, 64.1, 64.1, 0.0);
(733571.4, 4052506.5, 63.8, 63.8, 0.0);	(733571.4, 4052481.5, 63.9, 63.9, 0.0);
(733571.4, 4052556.5, 63.7, 63.7, 0.0);	(733571.4, 4052531.5, 63.8, 63.8, 0.0);
(733571.4, 4052606.5, 63.6, 63.6, 0.0);	(733571.4, 4052581.5, 63.7, 63.7, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** ** 23:30:46
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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(733571.4, 4052456.5, 64.0, 64.0, 0.0);	(733571.4, 4052481.5, 63.9, 63.9, 0.0);
(733571.4, 4052506.5, 63.8, 63.8, 0.0);	(733571.4, 4052531.5, 63.8, 63.8, 0.0);
(733571.4, 4052556.5, 63.7, 63.7, 0.0);	(733571.4, 4052581.5, 63.6, 63.6, 0.0);


```

( 733596.4, 4054431.5, 60.7, 60.7, 0.0); ( 733596.4, 4054456.5, 60.7, 60.7, 0.0);
( 733596.4, 4054481.5, 60.6, 60.6, 0.0); ( 733596.4, 4054506.5, 60.6, 60.6, 0.0);
( 733596.4, 4054531.5, 60.6, 60.6, 0.0); ( 733596.4, 4054556.5, 60.6, 60.6, 0.0);
( 733596.4, 4054581.5, 60.6, 60.6, 0.0); ( 733596.4, 4054606.5, 60.5, 60.5, 0.0);
( 733596.4, 4054631.5, 60.5, 60.5, 0.0); ( 733596.4, 4054656.5, 60.5, 60.5, 0.0);
( 733596.4, 4054681.5, 60.5, 60.5, 0.0); ( 733596.4, 4054706.5, 60.5, 60.5, 0.0);
( 733596.4, 4054731.5, 60.5, 60.5, 0.0); ( 733596.4, 4054756.5, 60.5, 60.5, 0.0);
( 733596.4, 4054781.5, 60.5, 60.5, 0.0); ( 733596.4, 4054806.5, 60.4, 60.4, 0.0);
( 733596.4, 4054831.5, 60.4, 60.4, 0.0); ( 733596.4, 4054856.5, 60.4, 60.4, 0.0);
( 733596.4, 4054881.5, 60.4, 60.4, 0.0); ( 733596.4, 4054906.5, 60.4, 60.4, 0.0);
( 733596.4, 4054931.5, 60.4, 60.4, 0.0); ( 733596.4, 4054956.5, 60.3, 60.3, 0.0);
( 733596.4, 4054981.5, 60.3, 60.3, 0.0); ( 733596.4, 4055006.5, 60.3, 60.3, 0.0);
( 733596.4, 4055031.5, 60.3, 60.3, 0.0); ( 733596.4, 4055056.5, 60.3, 60.3, 0.0);
( 733596.4, 4055081.5, 60.3, 60.3, 0.0); ( 733596.4, 4055106.5, 60.3, 60.3, 0.0);
( 733596.4, 4055131.5, 60.3, 60.3, 0.0); ( 733596.4, 4055156.5, 60.2, 60.2, 0.0);
( 733596.4, 4055181.5, 60.2, 60.2, 0.0); ( 733596.4, 4055206.5, 60.2, 60.2, 0.0);
( 733596.4, 4055231.5, 60.2, 60.2, 0.0); ( 733596.4, 4055256.5, 60.2, 60.2, 0.0);
( 733596.4, 4055281.5, 60.2, 60.2, 0.0); ( 733596.4, 4055306.5, 60.2, 60.2, 0.0);
( 733596.4, 4055331.5, 60.2, 60.2, 0.0); ( 733621.4, 4052331.5, 64.3, 64.3, 0.0);
( 733621.4, 4052356.5, 64.2, 64.2, 0.0); ( 733621.4, 4052381.5, 64.2, 64.2, 0.0);
( 733621.4, 4052406.5, 64.1, 64.1, 0.0); ( 733621.4, 4052431.5, 64.0, 64.0, 0.0);
( 733621.4, 4052456.5, 63.9, 63.9, 0.0); ( 733621.4, 4052481.5, 63.8, 63.8, 0.0);
( 733621.4, 4052506.5, 63.8, 63.8, 0.0); ( 733621.4, 4052531.5, 63.7, 63.7, 0.0);
( 733621.4, 4052556.5, 63.6, 63.6, 0.0); ( 733621.4, 4052581.5, 63.5, 63.5, 0.0);
( 733621.4, 4052606.5, 63.5, 63.5, 0.0); ( 733621.4, 4052631.5, 63.4, 63.4, 0.0);
( 733621.4, 4052656.5, 63.3, 63.3, 0.0); ( 733621.4, 4052681.5, 63.3, 63.3, 0.0);
( 733621.4, 4052706.5, 63.2, 63.2, 0.0); ( 733621.4, 4052731.5, 63.2, 63.2, 0.0);
( 733621.4, 4052756.5, 63.1, 63.1, 0.0); ( 733621.4, 4052781.5, 63.0, 63.0, 0.0);
( 733621.4, 4052806.5, 62.9, 62.9, 0.0); ( 733621.4, 4052831.5, 62.9, 62.9, 0.0);
( 733621.4, 4052856.5, 62.8, 62.8, 0.0); ( 733621.4, 4052881.5, 62.8, 62.8, 0.0);
( 733621.4, 4052906.5, 62.7, 62.7, 0.0); ( 733621.4, 4052931.5, 62.7, 62.7, 0.0);
( 733621.4, 4052956.5, 62.6, 62.6, 0.0); ( 733621.4, 4052981.5, 62.5, 62.5, 0.0);
( 733621.4, 4053006.5, 62.5, 62.5, 0.0); ( 733621.4, 4053031.5, 62.4, 62.4, 0.0);
( 733621.4, 4053056.5, 62.4, 62.4, 0.0); ( 733621.4, 4053081.5, 62.3, 62.3, 0.0);
( 733621.4, 4053106.5, 62.3, 62.3, 0.0); ( 733621.4, 4053131.5, 62.3, 62.3, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733621.4, 4053156.5, 62.2, 62.2, 0.0); ( 733621.4, 4053181.5, 62.2, 62.2, 0.0);
( 733621.4, 4053206.5, 62.1, 62.1, 0.0); ( 733621.4, 4053231.5, 62.1, 62.1, 0.0);
( 733621.4, 4053256.5, 62.0, 62.0, 0.0); ( 733621.4, 4053281.5, 62.0, 62.0, 0.0);
( 733621.4, 4053306.5, 61.9, 61.9, 0.0); ( 733621.4, 4053331.5, 61.9, 61.9, 0.0);
( 733621.4, 4053356.5, 61.9, 61.9, 0.0); ( 733621.4, 4053381.5, 61.8, 61.8, 0.0);
( 733621.4, 4053406.5, 61.8, 61.8, 0.0); ( 733621.4, 4053431.5, 61.7, 61.7, 0.0);
( 733621.4, 4053456.5, 61.7, 61.7, 0.0); ( 733621.4, 4053481.5, 61.7, 61.7, 0.0);
( 733621.4, 4053506.5, 61.6, 61.6, 0.0); ( 733621.4, 4053531.5, 61.6, 61.6, 0.0);
( 733621.4, 4053556.5, 61.6, 61.6, 0.0); ( 733621.4, 4053581.5, 61.5, 61.5, 0.0);
( 733621.4, 4053606.5, 61.5, 61.5, 0.0); ( 733621.4, 4053631.5, 61.4, 61.4, 0.0);
( 733621.4, 4053656.5, 61.4, 61.4, 0.0); ( 733621.4, 4053681.5, 61.4, 61.4, 0.0);
( 733621.4, 4053706.5, 61.4, 61.4, 0.0); ( 733621.4, 4053731.5, 61.3, 61.3, 0.0);
( 733621.4, 4053756.5, 61.3, 61.3, 0.0); ( 733621.4, 4053781.5, 61.3, 61.3, 0.0);
( 733621.4, 4053806.5, 61.3, 61.3, 0.0); ( 733621.4, 4053831.5, 61.2, 61.2, 0.0);
( 733621.4, 4053856.5, 61.2, 61.2, 0.0); ( 733621.4, 4053881.5, 61.2, 61.2, 0.0);
( 733621.4, 4053906.5, 61.1, 61.1, 0.0); ( 733621.4, 4053931.5, 61.1, 61.1, 0.0);
( 733621.4, 4053956.5, 61.1, 61.1, 0.0); ( 733621.4, 4053981.5, 61.1, 61.1, 0.0);
( 733621.4, 4054006.5, 61.0, 61.0, 0.0); ( 733621.4, 4054031.5, 61.0, 61.0, 0.0);
( 733621.4, 4054056.5, 61.0, 61.0, 0.0); ( 733621.4, 4054081.5, 61.0, 61.0, 0.0);
( 733621.4, 4054106.5, 60.9, 60.9, 0.0); ( 733621.4, 4054131.5, 60.9, 60.9, 0.0);
( 733621.4, 4054156.5, 60.9, 60.9, 0.0); ( 733621.4, 4054181.5, 60.9, 60.9, 0.0);
( 733621.4, 4054206.5, 60.8, 60.8, 0.0); ( 733621.4, 4054231.5, 60.8, 60.8, 0.0);
( 733621.4, 4054256.5, 60.8, 60.8, 0.0); ( 733621.4, 4054281.5, 60.8, 60.8, 0.0);
( 733621.4, 4054306.5, 60.8, 60.8, 0.0); ( 733621.4, 4054331.5, 60.7, 60.7, 0.0);
( 733621.4, 4054356.5, 60.7, 60.7, 0.0); ( 733621.4, 4054381.5, 60.7, 60.7, 0.0);
( 733621.4, 4054406.5, 60.7, 60.7, 0.0); ( 733621.4, 4054431.5, 60.6, 60.6, 0.0);
( 733621.4, 4054456.5, 60.6, 60.6, 0.0); ( 733621.4, 4054481.5, 60.6, 60.6, 0.0);
( 733621.4, 4054506.5, 60.6, 60.6, 0.0); ( 733621.4, 4054531.5, 60.6, 60.6, 0.0);
( 733621.4, 4054556.5, 60.5, 60.5, 0.0); ( 733621.4, 4054581.5, 60.5, 60.5, 0.0);
( 733621.4, 4054606.5, 60.5, 60.5, 0.0); ( 733621.4, 4054631.5, 60.5, 60.5, 0.0);
( 733621.4, 4054656.5, 60.5, 60.5, 0.0); ( 733621.4, 4054681.5, 60.5, 60.5, 0.0);
( 733621.4, 4054706.5, 60.5, 60.5, 0.0); ( 733621.4, 4054731.5, 60.4, 60.4, 0.0);
( 733621.4, 4054756.5, 60.4, 60.4, 0.0); ( 733621.4, 4054781.5, 60.4, 60.4, 0.0);
( 733621.4, 4054806.5, 60.4, 60.4, 0.0); ( 733621.4, 4054831.5, 60.4, 60.4, 0.0);
( 733621.4, 4054856.5, 60.4, 60.4, 0.0); ( 733621.4, 4054881.5, 60.4, 60.4, 0.0);
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( 733621.4, 4054956.5, 60.3, 60.3, 0.0); ( 733621.4, 4054981.5, 60.3, 60.3, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 75

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 76

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733696.4, 4053081.5, 62.2, 62.2, 0.0); ( 733696.4, 4053106.5, 62.2, 62.2, 0.0);
( 733696.4, 4053131.5, 62.1, 62.1, 0.0); ( 733696.4, 4053156.5, 62.1, 62.1, 0.0);
( 733696.4, 4053181.5, 62.0, 62.0, 0.0); ( 733696.4, 4053206.5, 62.0, 62.0, 0.0);
( 733696.4, 4053231.5, 61.9, 61.9, 0.0); ( 733696.4, 4053256.5, 61.9, 61.9, 0.0);
( 733696.4, 4053281.5, 61.9, 61.9, 0.0); ( 733696.4, 4053306.5, 61.8, 61.8, 0.0);
( 733696.4, 4053331.5, 61.8, 61.8, 0.0); ( 733696.4, 4053356.5, 61.7, 61.7, 0.0);
( 733696.4, 4053381.5, 61.7, 61.7, 0.0); ( 733696.4, 4053406.5, 61.7, 61.7, 0.0);
( 733696.4, 4053431.5, 61.6, 61.6, 0.0); ( 733696.4, 4053456.5, 61.6, 61.6, 0.0);
( 733696.4, 4053481.5, 61.6, 61.6, 0.0); ( 733696.4, 4053506.5, 61.5, 61.5, 0.0);
( 733696.4, 4053531.5, 61.5, 61.5, 0.0); ( 733696.4, 4053556.5, 61.4, 61.4, 0.0);
( 733696.4, 4053581.5, 61.4, 61.4, 0.0); ( 733696.4, 4053606.5, 61.4, 61.4, 0.0);
( 733696.4, 4053631.5, 61.4, 61.4, 0.0); ( 733696.4, 4053656.5, 61.3, 61.3, 0.0);
( 733696.4, 4053681.5, 61.3, 61.3, 0.0); ( 733696.4, 4053706.5, 61.3, 61.3, 0.0);
( 733696.4, 4053731.5, 61.2, 61.2, 0.0); ( 733696.4, 4053756.5, 61.2, 61.2, 0.0);
( 733696.4, 4053781.5, 61.2, 61.2, 0.0); ( 733696.4, 4053806.5, 61.1, 61.1, 0.0);
( 733696.4, 4053831.5, 61.1, 61.1, 0.0); ( 733696.4, 4053856.5, 61.1, 61.1, 0.0);
( 733696.4, 4053881.5, 61.1, 61.1, 0.0); ( 733696.4, 4053906.5, 61.0, 61.0, 0.0);
( 733696.4, 4053931.5, 60.9, 60.9, 0.0); ( 733696.4, 4053956.5, 60.9, 60.9, 0.0);
( 733696.4, 4053981.5, 60.9, 60.9, 0.0); ( 733696.4, 4054006.5, 60.9, 60.9, 0.0);
( 733696.4, 4054031.5, 60.9, 60.9, 0.0); ( 733696.4, 4054056.5, 60.8, 60.8, 0.0);
( 733696.4, 4054081.5, 60.8, 60.8, 0.0); ( 733696.4, 4054106.5, 60.8, 60.8, 0.0);
( 733696.4, 4054131.5, 60.8, 60.8, 0.0); ( 733696.4, 4054156.5, 60.8, 60.8, 0.0);
( 733696.4, 4054181.5, 60.7, 60.7, 0.0); ( 733696.4, 4054206.5, 60.7, 60.7, 0.0);
( 733696.4, 4054231.5, 60.7, 60.7, 0.0); ( 733696.4, 4054256.5, 60.7, 60.7, 0.0);
( 733696.4, 4054281.5, 60.6, 60.6, 0.0); ( 733696.4, 4054306.5, 60.6, 60.6, 0.0);
( 733696.4, 4054331.5, 60.6, 60.6, 0.0); ( 733696.4, 4054356.5, 60.6, 60.6, 0.0);
( 733696.4, 4054381.5, 60.6, 60.6, 0.0); ( 733696.4, 4054406.5, 60.5, 60.5, 0.0);
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( 733696.4, 4054481.5, 60.5, 60.5, 0.0); ( 733696.4, 4054506.5, 60.5, 60.5, 0.0);
( 733696.4, 4054531.5, 60.5, 60.5, 0.0); ( 733696.4, 4054556.5, 60.4, 60.4, 0.0);
( 733696.4, 4054581.5, 60.4, 60.4, 0.0); ( 733696.4, 4054606.5, 60.4, 60.4, 0.0);
( 733696.4, 4054631.5, 60.4, 60.4, 0.0); ( 733696.4, 4054656.5, 60.4, 60.4, 0.0);
( 733696.4, 4054681.5, 60.3, 60.3, 0.0); ( 733696.4, 4054706.5, 60.3, 60.3, 0.0);
( 733696.4, 4054731.5, 60.3, 60.3, 0.0); ( 733696.4, 4054756.5, 60.3, 60.3, 0.0);
( 733696.4, 4054781.5, 60.3, 60.3, 0.0); ( 733696.4, 4054806.5, 60.3, 60.3, 0.0);
( 733696.4, 4054831.5, 60.3, 60.3, 0.0); ( 733696.4, 4054856.5, 60.3, 60.3, 0.0);
( 733696.4, 4054881.5, 60.2, 60.2, 0.0); ( 733696.4, 4054906.5, 60.2, 60.2, 0.0);
( 733696.4, 4054931.5, 60.2, 60.2, 0.0); ( 733696.4, 4054956.5, 60.2, 60.2, 0.0);
( 733696.4, 4054981.5, 60.2, 60.2, 0.0); ( 733696.4, 4055006.5, 60.2, 60.2, 0.0);
( 733696.4, 4055031.5, 60.1, 60.1, 0.0); ( 733696.4, 4055056.5, 60.1, 60.1, 0.0);
( 733696.4, 4055081.5, 60.1, 60.1, 0.0); ( 733696.4, 4055106.5, 60.1, 60.1, 0.0);
( 733696.4, 4055131.5, 60.1, 60.1, 0.0); ( 733696.4, 4055156.5, 60.1, 60.1, 0.0);
( 733696.4, 4055181.5, 60.1, 60.1, 0.0); ( 733696.4, 4055206.5, 60.1, 60.1, 0.0);
( 733696.4, 4055231.5, 60.0, 60.0, 0.0); ( 733696.4, 4055256.5, 60.0, 60.0, 0.0);
( 733696.4, 4055281.5, 60.0, 60.0, 0.0); ( 733696.4, 4055306.5, 60.0, 60.0, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733721.4, 4055331.5, 60.0, 60.0, 0.0); ( 733721.4, 4055331.5, 64.2, 64.2, 0.0);
( 733721.4, 4055356.5, 64.0, 64.0, 0.0); ( 733721.4, 4055381.5, 64.0, 64.0, 0.0);
( 733721.4, 4055406.5, 63.9, 63.9, 0.0); ( 733721.4, 4055431.5, 63.8, 63.8, 0.0);
( 733721.4, 4055456.5, 63.8, 63.8, 0.0); ( 733721.4, 4055481.5, 63.7, 63.7, 0.0);
( 733721.4, 4055506.5, 63.6, 63.6, 0.0); ( 733721.4, 4055531.5, 63.5, 63.5, 0.0);
( 733721.4, 4055556.5, 63.4, 63.4, 0.0); ( 733721.4, 4055581.5, 63.4, 63.4, 0.0);
( 733721.4, 4055606.5, 63.3, 63.3, 0.0); ( 733721.4, 4055631.5, 63.2, 63.2, 0.0);
( 733721.4, 4055656.5, 63.2, 63.2, 0.0); ( 733721.4, 4055681.5, 63.1, 63.1, 0.0);
( 733721.4, 4055706.5, 63.0, 63.0, 0.0); ( 733721.4, 4055731.5, 63.0, 63.0, 0.0);
( 733721.4, 4055756.5, 62.9, 62.9, 0.0); ( 733721.4, 4055781.5, 62.9, 62.9, 0.0);
( 733721.4, 4055806.5, 62.8, 62.8, 0.0); ( 733721.4, 4055831.5, 62.8, 62.8, 0.0);
( 733721.4, 4055856.5, 62.7, 62.7, 0.0); ( 733721.4, 4055881.5, 62.6, 62.6, 0.0);
( 733721.4, 4055906.5, 62.6, 62.6, 0.0); ( 733721.4, 4055931.5, 62.5, 62.5, 0.0);
( 733721.4, 4055956.5, 62.4, 62.4, 0.0); ( 733721.4, 4055981.5, 62.4, 62.4, 0.0);
( 733721.4, 4056006.5, 62.3, 62.3, 0.0); ( 733721.4, 4056031.5, 62.3, 62.3, 0.0);
( 733721.4, 4056056.5, 62.2, 62.2, 0.0); ( 733721.4, 4056081.5, 62.2, 62.2, 0.0);
( 733721.4, 4056106.5, 62.1, 62.1, 0.0); ( 733721.4, 4056131.5, 62.1, 62.1, 0.0);
( 733721.4, 4056156.5, 62.0, 62.0, 0.0); ( 733721.4, 4056181.5, 62.0, 62.0, 0.0);
( 733721.4, 4056206.5, 61.9, 61.9, 0.0); ( 733721.4, 4056231.5, 61.9, 61.9, 0.0);
( 733721.4, 4056256.5, 61.8, 61.8, 0.0); ( 733721.4, 4056281.5, 61.8, 61.8, 0.0);
( 733721.4, 4056306.5, 61.8, 61.8, 0.0); ( 733721.4, 4056331.5, 61.7, 61.7, 0.0);
( 733721.4, 4056356.5, 61.7, 61.7, 0.0); ( 733721.4, 4056381.5, 61.7, 61.7, 0.0);
( 733721.4, 4056406.5, 61.6, 61.6, 0.0); ( 733721.4, 4056431.5, 61.6, 61.6, 0.0);
( 733721.4, 4056456.5, 61.6, 61.6, 0.0); ( 733721.4, 4056481.5, 61.5, 61.5, 0.0);
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( 733721.4, 4056556.5, 61.4, 61.4, 0.0); ( 733721.4, 4056581.5, 61.4, 61.4, 0.0);
( 733721.4, 4056606.5, 61.3, 61.3, 0.0); ( 733721.4, 4056631.5, 61.3, 61.3, 0.0);
( 733721.4, 4056656.5, 61.3, 61.3, 0.0); ( 733721.4, 4056681.5, 61.2, 61.2, 0.0);
( 733721.4, 4056706.5, 61.2, 61.2, 0.0); ( 733721.4, 4056731.5, 61.2, 61.2, 0.0);
( 733721.4, 4056756.5, 61.2, 61.2, 0.0); ( 733721.4, 4056781.5, 61.1, 61.1, 0.0);
( 733721.4, 4056806.5, 61.1, 61.1, 0.0); ( 733721.4, 4056831.5, 61.0, 61.0, 0.0);

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( 733721.4, 4053856.5, 61.0, 61.0, 0.0); ( 733721.4, 4053881.5, 61.0, 61.0, 0.0);
( 733721.4, 4053906.5, 61.0, 61.0, 0.0); ( 733721.4, 4053931.5, 60.9, 60.9, 0.0);
( 733721.4, 4053956.5, 60.8, 60.8, 0.0); ( 733721.4, 4053981.5, 60.9, 60.9, 0.0);
( 733721.4, 4054006.5, 60.9, 60.9, 0.0); ( 733721.4, 4054031.5, 60.8, 60.8, 0.0);
( 733721.4, 4054056.5, 60.7, 60.7, 0.0); ( 733721.4, 4054081.5, 60.8, 60.8, 0.0);
( 733721.4, 4054106.5, 60.8, 60.8, 0.0); ( 733721.4, 4054131.5, 60.8, 60.8, 0.0);
( 733721.4, 4054156.5, 60.7, 60.7, 0.0); ( 733721.4, 4054181.5, 60.7, 60.7, 0.0);
( 733721.4, 4054206.5, 60.7, 60.7, 0.0); ( 733721.4, 4054231.5, 60.7, 60.7, 0.0);
( 733721.4, 4054256.5, 60.6, 60.6, 0.0); ( 733721.4, 4054281.5, 60.6, 60.6, 0.0);
( 733721.4, 4054306.5, 60.6, 60.6, 0.0); ( 733721.4, 4054331.5, 60.6, 60.6, 0.0);
( 733721.4, 4054356.5, 60.6, 60.6, 0.0); ( 733721.4, 4054381.5, 60.5, 60.5, 0.0);
( 733721.4, 4054406.5, 60.5, 60.5, 0.0); ( 733721.4, 4054431.5, 60.5, 60.5, 0.0);
( 733721.4, 4054456.5, 60.5, 60.5, 0.0); ( 733721.4, 4054481.5, 60.5, 60.5, 0.0);
( 733721.4, 4054506.5, 60.4, 60.4, 0.0); ( 733721.4, 4054531.5, 60.4, 60.4, 0.0);
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46 ***

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 733721.4, 4054556.5, 60.4, 60.4, 0.0); ( 733721.4, 4054581.5, 60.4, 60.4, 0.0);
( 733721.4, 4054606.5, 60.4, 60.4, 0.0); ( 733721.4, 4054631.5, 60.3, 60.3, 0.0);
( 733721.4, 4054656.5, 60.3, 60.3, 0.0); ( 733721.4, 4054681.5, 60.3, 60.3, 0.0);
( 733721.4, 4054706.5, 60.3, 60.3, 0.0); ( 733721.4, 4054731.5, 60.3, 60.3, 0.0);
( 733721.4, 4054756.5, 60.3, 60.3, 0.0); ( 733721.4, 4054781.5, 60.3, 60.3, 0.0);
( 733721.4, 4054806.5, 60.2, 60.2, 0.0); ( 733721.4, 4054831.5, 60.2, 60.2, 0.0);
( 733721.4, 4054856.5, 60.2, 60.2, 0.0); ( 733721.4, 4054881.5, 60.2, 60.2, 0.0);
( 733721.4, 4054906.5, 60.2, 60.2, 0.0); ( 733721.4, 4054931.5, 60.2, 60.2, 0.0);
( 733721.4, 4054956.5, 60.1, 60.1, 0.0); ( 733721.4, 4054981.5, 60.1, 60.1, 0.0);
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( 733721.4, 4055106.5, 60.1, 60.1, 0.0); ( 733721.4, 4055131.5, 60.0, 60.0, 0.0);
( 733721.4, 4055156.5, 60.0, 60.0, 0.0); ( 733721.4, 4055181.5, 60.0, 60.0, 0.0);
( 733721.4, 4055206.5, 60.0, 60.0, 0.0); ( 733721.4, 4055231.5, 60.0, 60.0, 0.0);
( 733721.4, 4055256.5, 60.0, 60.0, 0.0); ( 733721.4, 4055281.5, 60.0, 60.0, 0.0);
( 733721.4, 4055306.5, 60.0, 60.0, 0.0); ( 733721.4, 4055331.5, 60.0, 60.0, 0.0);
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( 733746.4, 4052481.5, 63.6, 63.6, 0.0); ( 733746.4, 4052506.5, 63.5, 63.5, 0.0);
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( 733746.4, 4052581.5, 63.3, 63.3, 0.0); ( 733746.4, 4052606.5, 63.2, 63.2, 0.0);
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( 733746.4, 4052731.5, 62.9, 62.9, 0.0); ( 733746.4, 4052756.5, 62.9, 62.9, 0.0);
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( 733746.4, 4052981.5, 62.3, 62.3, 0.0); ( 733746.4, 4053006.5, 62.3, 62.3, 0.0);
( 733746.4, 4053031.5, 62.2, 62.2, 0.0); ( 733746.4, 4053056.5, 62.2, 62.2, 0.0);
( 733746.4, 4053081.5, 62.1, 62.1, 0.0); ( 733746.4, 4053106.5, 62.1, 62.1, 0.0);
( 733746.4, 4053131.5, 62.0, 62.0, 0.0); ( 733746.4, 4053156.5, 62.0, 62.0, 0.0);
( 733746.4, 4053181.5, 61.9, 61.9, 0.0); ( 733746.4, 4053206.5, 61.9, 61.9, 0.0);
( 733746.4, 4053231.5, 61.8, 61.8, 0.0); ( 733746.4, 4053256.5, 61.8, 61.8, 0.0);
( 733746.4, 4053281.5, 61.8, 61.8, 0.0); ( 733746.4, 4053306.5, 61.7, 61.7, 0.0);
( 733746.4, 4053331.5, 61.7, 61.7, 0.0); ( 733746.4, 4053356.5, 61.7, 61.7, 0.0);
( 733746.4, 4053381.5, 61.6, 61.6, 0.0); ( 733746.4, 4053406.5, 61.6, 61.6, 0.0);
( 733746.4, 4053431.5, 61.6, 61.6, 0.0); ( 733746.4, 4053456.5, 61.5, 61.5, 0.0);
( 733746.4, 4053481.5, 61.5, 61.5, 0.0); ( 733746.4, 4053506.5, 61.5, 61.5, 0.0);
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( 733746.4, 4053681.5, 61.2, 61.2, 0.0); ( 733746.4, 4053706.5, 61.2, 61.2, 0.0);
( 733746.4, 4053731.5, 61.1, 61.1, 0.0); ( 733746.4, 4053756.5, 61.1, 61.1, 0.0);
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46 ***

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 733746.4, 4053781.5, 61.1, 61.1, 0.0); ( 733746.4, 4053806.5, 61.1, 61.1, 0.0);
( 733746.4, 4053831.5, 61.0, 61.0, 0.0); ( 733746.4, 4053856.5, 60.9, 60.9, 0.0);
( 733746.4, 4053881.5, 60.9, 60.9, 0.0); ( 733746.4, 4053906.5, 60.9, 60.9, 0.0);
( 733746.4, 4053931.5, 60.9, 60.9, 0.0); ( 733746.4, 4053956.5, 60.8, 60.8, 0.0);
( 733746.4, 4053981.5, 60.7, 60.7, 0.0); ( 733746.4, 4054006.5, 60.8, 60.8, 0.0);
( 733746.4, 4054031.5, 60.8, 60.8, 0.0); ( 733746.4, 4054056.5, 60.7, 60.7, 0.0);
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( 733746.4, 4054181.5, 60.6, 60.6, 0.0); ( 733746.4, 4054206.5, 60.6, 60.6, 0.0);
( 733746.4, 4054231.5, 60.6, 60.6, 0.0); ( 733746.4, 4054256.5, 60.6, 60.6, 0.0);
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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 81

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 82

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733796.4, 4054481.5,	60.3,	60.3,	0.0);	(733796.4, 4054506.5,	60.3,	60.3,	0.0);
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(733796.4, 4054581.5,	60.2,	60.2,	0.0);	(733796.4, 4054606.5,	60.2,	60.2,	0.0);
(733796.4, 4054631.5,	60.2,	60.2,	0.0);	(733796.4, 4054656.5,	60.2,	60.2,	0.0);
(733796.4, 4054681.5,	60.2,	60.2,	0.0);	(733796.4, 4054706.5,	60.2,	60.2,	0.0);
(733796.4, 4054731.5,	60.2,	60.2,	0.0);	(733796.4, 4054756.5,	60.2,	60.2,	0.0);
(733796.4, 4054781.5,	60.1,	60.1,	0.0);	(733796.4, 4054806.5,	60.1,	60.1,	0.0);
(733796.4, 4054831.5,	60.1,	60.1,	0.0);	(733796.4, 4054856.5,	60.1,	60.1,	0.0);
(733796.4, 4054881.5,	60.1,	60.1,	0.0);	(733796.4, 4054906.5,	60.1,	60.1,	0.0);
(733796.4, 4054931.5,	60.0,	60.0,	0.0);	(733796.4, 4054956.5,	60.0,	60.0,	0.0);
(733796.4, 4054981.5,	60.0,	60.0,	0.0);	(733796.4, 4055006.5,	60.0,	60.0,	0.0);
(733796.4, 4055031.5,	60.0,	60.0,	0.0);	(733796.4, 4055056.5,	60.0,	60.0,	0.0);
(733796.4, 4055081.5,	60.0,	60.0,	0.0);	(733796.4, 4055106.5,	59.9,	59.9,	0.0);
(733796.4, 4055131.5,	59.9,	59.9,	0.0);	(733796.4, 4055156.5,	59.9,	59.9,	0.0);
(733796.4, 4055181.5,	59.9,	59.9,	0.0);	(733796.4, 4055206.5,	59.9,	59.9,	0.0);
(733796.4, 4055231.5,	59.9,	59.9,	0.0);	(733796.4, 4055256.5,	59.9,	59.9,	0.0);
(733796.4, 4055281.5,	59.9,	59.9,	0.0);	(733796.4, 4055306.5,	59.9,	59.9,	0.0);
(733796.4, 4055331.5,	59.9,	59.9,	0.0);	(733821.4, 4052331.5,	64.0,	64.0,	0.0);
(733821.4, 4052356.5,	63.9,	63.9,	0.0);	(733821.4, 4052381.5,	63.8,	63.8,	0.0);
(733821.4, 4052406.5,	63.7,	63.7,	0.0);	(733821.4, 4052431.5,	63.6,	63.6,	0.0);
(733821.4, 4052456.5,	63.6,	63.6,	0.0);	(733821.4, 4052481.5,	63.5,	63.5,	0.0);
(733821.4, 4052506.5,	63.4,	63.4,	0.0);	(733821.4, 4052531.5,	63.4,	63.4,	0.0);
(733821.4, 4052556.5,	63.3,	63.3,	0.0);	(733821.4, 4052581.5,	63.2,	63.2,	0.0);
(733821.4, 4052606.5,	63.1,	63.1,	0.0);	(733821.4, 4052631.5,	63.1,	63.1,	0.0);
(733821.4, 4052656.5,	63.0,	63.0,	0.0);	(733821.4, 4052681.5,	63.0,	63.0,	0.0);
(733821.4, 4052706.5,	62.9,	62.9,	0.0);	(733821.4, 4052731.5,	62.8,	62.8,	0.0);
(733821.4, 4052756.5,	62.8,	62.8,	0.0);	(733821.4, 4052781.5,	62.7,	62.7,	0.0);
(733821.4, 4052806.5,	62.6,	62.6,	0.0);	(733821.4, 4052831.5,	62.6,	62.6,	0.0);
(733821.4, 4052856.5,	62.5,	62.5,	0.0);	(733821.4, 4052881.5,	62.5,	62.5,	0.0);
(733821.4, 4052906.5,	62.4,	62.4,	0.0);	(733821.4, 4052931.5,	62.3,	62.3,	0.0);
(733821.4, 4052956.5,	62.3,	62.3,	0.0);	(733821.4, 4052981.5,	62.2,	62.2,	0.0);
(733821.4, 4053006.5,	62.2,	62.2,	0.0);	(733821.4, 4053031.5,	62.1,	62.1,	0.0);
(733821.4, 4053056.5,	62.1,	62.1,	0.0);	(733821.4, 4053081.5,	62.0,	62.0,	0.0);
(733821.4, 4053106.5,	62.0,	62.0,	0.0);	(733821.4, 4053131.5,	61.9,	61.9,	0.0);
(733821.4, 4053156.5,	61.9,	61.9,	0.0);	(733821.4, 4053181.5,	61.8,	61.8,	0.0);
(733821.4, 4053206.5,	61.8,	61.8,	0.0);	(733821.4, 4053231.5,	61.7,	61.7,	0.0);
(733821.4, 4053256.5,	61.7,	61.7,	0.0);	(733821.4, 4053281.5,	61.7,	61.7,	0.0);
(733821.4, 4053306.5,	61.6,	61.6,	0.0);	(733821.4, 4053331.5,	61.6,	61.6,	0.0);
(733821.4, 4053356.5,	61.5,	61.5,	0.0);	(733821.4, 4053381.5,	61.5,	61.5,	0.0);
(733821.4, 4053406.5,	61.5,	61.5,	0.0);	(733821.4, 4053431.5,	61.4,	61.4,	0.0);
(733821.4, 4053456.5,	61.4,	61.4,	0.0);	(733821.4, 4053481.5,	61.4,	61.4,	0.0);
(733821.4, 4053506.5,	61.3,	61.3,	0.0);	(733821.4, 4053531.5,	61.3,	61.3,	0.0);
(733821.4, 4053556.5,	61.3,	61.3,	0.0);	(733821.4, 4053581.5,	61.2,	61.2,	0.0);
(733821.4, 4053606.5,	61.2,	61.2,	0.0);	(733821.4, 4053631.5,	61.2,	61.2,	0.0);
(733821.4, 4053656.5,	61.1,	61.1,	0.0);	(733821.4, 4053681.5,	61.1,	61.1,	0.0);

*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(733821.4, 4053706.5,	61.1,	61.1,	0.0);	(733821.4, 4053731.5,	61.0,	61.0,	0.0);
(733821.4, 4053756.5,	61.0,	61.0,	0.0);	(733821.4, 4053781.5,	60.9,	60.9,	0.0);
(733821.4, 4053806.5,	60.9,	60.9,	0.0);	(733821.4, 4053831.5,	60.8,	60.8,	0.0);
(733821.4, 4053856.5,	60.8,	60.8,	0.0);	(733821.4, 4053881.5,	60.8,	60.8,	0.0);
(733821.4, 4053906.5,	60.8,	60.8,	0.0);	(733821.4, 4053931.5,	60.7,	60.7,	0.0);
(733821.4, 4053956.5,	60.6,	60.6,	0.0);	(733821.4, 4053981.5,	60.6,	60.6,	0.0);
(733821.4, 4054006.5,	60.5,	60.5,	0.0);	(733821.4, 4054031.5,	60.6,	60.6,	0.0);
(733821.4, 4054056.5,	60.5,	60.5,	0.0);	(733821.4, 4054081.5,	60.6,	60.6,	0.0);
(733821.4, 4054106.5,	60.5,	60.5,	0.0);	(733821.4, 4054131.5,	60.5,	60.5,	0.0);
(733821.4, 4054156.5,	60.5,	60.5,	0.0);	(733821.4, 4054181.5,	60.5,	60.5,	0.0);
(733821.4, 4054206.5,	60.5,	60.5,	0.0);	(733821.4, 4054231.5,	60.5,	60.5,	0.0);
(733821.4, 4054256.5,	60.5,	60.5,	0.0);	(733821.4, 4054281.5,	60.5,	60.5,	0.0);
(733821.4, 4054306.5,	60.4,	60.4,	0.0);	(733821.4, 4054331.5,	60.4,	60.4,	0.0);
(733821.4, 4054356.5,	60.4,	60.4,	0.0);	(733821.4, 4054381.5,	60.4,	60.4,	0.0);
(733821.4, 4054406.5,	60.4,	60.4,	0.0);	(733821.4, 4054431.5,	60.3,	60.3,	0.0);
(733821.4, 4054456.5,	60.3,	60.3,	0.0);	(733821.4, 4054481.5,	60.3,	60.3,	0.0);
(733821.4, 4054506.5,	60.3,	60.3,	0.0);	(733821.4, 4054531.5,	60.3,	60.3,	0.0);
(733821.4, 4054556.5,	60.2,	60.2,	0.0);	(733821.4, 4054581.5,	60.2,	60.2,	0.0);
(733821.4, 4054606.5,	60.2,	60.2,	0.0);	(733821.4, 4054631.5,	60.2,	60.2,	0.0);
(733821.4, 4054656.5,	60.2,	60.2,	0.0);	(733821.4, 4054681.5,	60.2,	60.2,	0.0);
(733821.4, 4054706.5,	60.1,	60.1,	0.0);	(733821.4, 4054731.5,	60.1,	60.1,	0.0);
(733821.4, 4054756.5,	60.1,	60.1,	0.0);	(733821.4, 4054781.5,	60.1,	60.1,	0.0);
(733821.4, 4054806.5,	60.1,	60.1,	0.0);	(733821.4, 4054831.5,	60.1,	60.1,	0.0);
(733821.4, 4054856.5,	60.0,	60.0,	0.0);	(733821.4, 4054881.5,	60.0,	60.0,	0.0);
(733821.4, 4054906.5,	60.0,	60.0,	0.0);	(733821.4, 4054931.5,	60.0,	60.0,	0.0);
(733821.4, 4054956.5,	60.0,	60.0,	0.0);	(733821.4, 4054981.5,	60.0,	60.0,	0.0);
(733821.4, 4055006.5,	60.0,	60.0,	0.0);	(733821.4, 4055031.5,	59.9,	59.9,	0.0);
(733821.4, 4055056.5,	59.9,	59.9,	0.0);	(733821.4, 4055081.5,	59.9,	59.9,	0.0);
(733821.4, 4055106.5,	59.9,	59.9,	0.0);	(733821.4, 4055131.5,	59.9,	59.9,	0.0);
(733821.4, 4055156.5,	59.9,	59.9,	0.0);	(733821.4, 4055181.5,	59.9,	59.9,	0.0);
(733821.4, 4055206.5,	59.9,	59.9,	0.0);	(733821.4, 4055231.5,	59.9,	59.9,	0.0);
(733821.4, 4055256.5,	59.8,	59.8,	0.0);	(733821.4, 4055281.5,	59.8,	59.8,	0.0);
(733821.4, 4055306.5,	59.8,	59.8,	0.0);	(733821.4, 4055331.5,	59.8,	59.8,	0.0);
(733846.4, 4052331.5,	63.9,	63.9,	0.0);	(733846.4, 4052356.5,	63.8,	63.8,	0.0);
(733846.4, 4052381.5,	63.7,	63.7,	0.0);	(733846.4, 4052406.5,	63.7,	63.7,	0.0);
(733846.4, 4052431.5,	63.6,	63.6,	0.0);	(733846.4, 4052456.5,	63.5,	63.5,	0.0);
(733846.4, 4052481.5,	63.5,	63.5,	0.0);	(733846.4, 4052506.5,	63.4,	63.4,	0.0);
(733846.4, 4052531.5,	63.3,	63.3,	0.0);	(733846.4, 4052556.5,	63.2,	63.2,	0.0);
(733846.4, 4052581.5,	63.2,	63.2,	0.0);	(733846.4, 4052606.5,	63.1,	63.1,	0.0);
(733846.4, 4052631.5,	63.0,	63.0,	0.0);	(733846.4, 4052656.5,	63.0,	63.0,	0.0);
(733846.4, 4052681.5,	62.9,	62.9,	0.0);	(733846.4, 4052706.5,	62.8,	62.8,	0.0);
(733846.4, 4052731.5,	62.8,	62.8,	0.0);	(733846.4, 4052756.5,	62.7,	62.7,	0.0);
(733846.4, 4052781.5,	62.6,	62.6,	0.0);	(733846.4, 4052806.5,	62.6,	62.6,	0.0);
(733846.4, 4052831.5,	62.5,	62.5,	0.0);	(733846.4, 4052856.5,	62.4,	62.4,	0.0);
(733846.4, 4052881.5,	62.4,	62.4,	0.0);	(733846.4, 4052906.5,	62.3,	62.3,	0.0);

*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

```

(METERS)
( 733846.4, 4052931.5, 62.3, 62.3, 0.0); ( 733846.4, 4052956.5, 62.2, 62.2, 0.0);
( 733846.4, 4052981.5, 62.2, 62.2, 0.0); ( 733846.4, 4053006.5, 62.1, 62.1, 0.0);
( 733846.4, 4053031.5, 62.1, 62.1, 0.0); ( 733846.4, 4053056.5, 62.0, 62.0, 0.0);
( 733846.4, 4053081.5, 62.0, 62.0, 0.0); ( 733846.4, 4053106.5, 61.9, 61.9, 0.0);
( 733846.4, 4053131.5, 61.9, 61.9, 0.0); ( 733846.4, 4053156.5, 61.8, 61.8, 0.0);
( 733846.4, 4053181.5, 61.8, 61.8, 0.0); ( 733846.4, 4053206.5, 61.7, 61.7, 0.0);
( 733846.4, 4053231.5, 61.7, 61.7, 0.0); ( 733846.4, 4053256.5, 61.6, 61.6, 0.0);
( 733846.4, 4053281.5, 61.6, 61.6, 0.0); ( 733846.4, 4053306.5, 61.6, 61.6, 0.0);
( 733846.4, 4053331.5, 61.5, 61.5, 0.0); ( 733846.4, 4053356.5, 61.5, 61.5, 0.0);
( 733846.4, 4053381.5, 61.5, 61.5, 0.0); ( 733846.4, 4053406.5, 61.5, 61.5, 0.0);
( 733846.4, 4053431.5, 61.4, 61.4, 0.0); ( 733846.4, 4053456.5, 61.4, 61.4, 0.0);
( 733846.4, 4053481.5, 61.3, 61.3, 0.0); ( 733846.4, 4053506.5, 61.3, 61.3, 0.0);
( 733846.4, 4053531.5, 61.3, 61.3, 0.0); ( 733846.4, 4053556.5, 61.2, 61.2, 0.0);
( 733846.4, 4053581.5, 61.2, 61.2, 0.0); ( 733846.4, 4053606.5, 61.2, 61.2, 0.0);
( 733846.4, 4053631.5, 61.1, 61.1, 0.0); ( 733846.4, 4053656.5, 61.1, 61.1, 0.0);
( 733846.4, 4053681.5, 61.1, 61.1, 0.0); ( 733846.4, 4053706.5, 61.0, 61.0, 0.0);
( 733846.4, 4053731.5, 61.0, 61.0, 0.0); ( 733846.4, 4053756.5, 61.0, 61.0, 0.0);
( 733846.4, 4053781.5, 60.9, 60.9, 0.0); ( 733846.4, 4053806.5, 60.9, 60.9, 0.0);
( 733846.4, 4053831.5, 60.8, 60.8, 0.0); ( 733846.4, 4053856.5, 60.8, 60.8, 0.0);
( 733846.4, 4053881.5, 60.7, 60.7, 0.0); ( 733846.4, 4053906.5, 60.7, 60.7, 0.0);
( 733846.4, 4053931.5, 60.6, 60.6, 0.0); ( 733846.4, 4053956.5, 60.6, 60.6, 0.0);
( 733846.4, 4053981.5, 60.5, 60.5, 0.0); ( 733846.4, 4054006.5, 60.5, 60.5, 0.0);
( 733846.4, 4054031.5, 60.4, 60.4, 0.0); ( 733846.4, 4054056.5, 60.4, 60.4, 0.0);
( 733846.4, 4054081.5, 60.5, 60.5, 0.0); ( 733846.4, 4054106.5, 60.5, 60.5, 0.0);
( 733846.4, 4054131.5, 60.4, 60.4, 0.0); ( 733846.4, 4054156.5, 60.5, 60.5, 0.0);
( 733846.4, 4054181.5, 60.5, 60.5, 0.0); ( 733846.4, 4054206.5, 60.5, 60.5, 0.0);
( 733846.4, 4054231.5, 60.5, 60.5, 0.0); ( 733846.4, 4054256.5, 60.4, 60.4, 0.0);
( 733846.4, 4054281.5, 60.4, 60.4, 0.0); ( 733846.4, 4054306.5, 60.4, 60.4, 0.0);
( 733846.4, 4054331.5, 60.4, 60.4, 0.0); ( 733846.4, 4054356.5, 60.4, 60.4, 0.0);
( 733846.4, 4054381.5, 60.3, 60.3, 0.0); ( 733846.4, 4054406.5, 60.3, 60.3, 0.0);
( 733846.4, 4054431.5, 60.3, 60.3, 0.0); ( 733846.4, 4054456.5, 60.3, 60.3, 0.0);
( 733846.4, 4054481.5, 60.3, 60.3, 0.0); ( 733846.4, 4054506.5, 60.2, 60.2, 0.0);
( 733846.4, 4054531.5, 60.2, 60.2, 0.0); ( 733846.4, 4054556.5, 60.2, 60.2, 0.0);
( 733846.4, 4054581.5, 60.2, 60.2, 0.0); ( 733846.4, 4054606.5, 60.1, 60.1, 0.0);
( 733846.4, 4054631.5, 60.1, 60.1, 0.0); ( 733846.4, 4054656.5, 60.1, 60.1, 0.0);
( 733846.4, 4054681.5, 60.1, 60.1, 0.0); ( 733846.4, 4054706.5, 60.1, 60.1, 0.0);
( 733846.4, 4054731.5, 60.1, 60.1, 0.0); ( 733846.4, 4054756.5, 60.1, 60.1, 0.0);
( 733846.4, 4054781.5, 60.1, 60.1, 0.0); ( 733846.4, 4054806.5, 60.0, 60.0, 0.0);
( 733846.4, 4054831.5, 60.0, 60.0, 0.0); ( 733846.4, 4054856.5, 60.0, 60.0, 0.0);
( 733846.4, 4054881.5, 60.0, 60.0, 0.0); ( 733846.4, 4054906.5, 60.0, 60.0, 0.0);
( 733846.4, 4054931.5, 60.0, 60.0, 0.0); ( 733846.4, 4054956.5, 59.9, 59.9, 0.0);
( 733846.4, 4054981.5, 59.9, 59.9, 0.0); ( 733846.4, 4055006.5, 59.9, 59.9, 0.0);
( 733846.4, 4055031.5, 59.9, 59.9, 0.0); ( 733846.4, 4055056.5, 59.9, 59.9, 0.0);
( 733846.4, 4055081.5, 59.9, 59.9, 0.0); ( 733846.4, 4055106.5, 59.9, 59.9, 0.0);
( 733846.4, 4055131.5, 59.8, 59.8, 0.0); ( 733846.4, 4055156.5, 59.8, 59.8, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 86
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733846.4, 4055181.5, 59.8, 59.8, 0.0); ( 733846.4, 4055206.5, 59.8, 59.8, 0.0);
( 733846.4, 4055231.5, 59.8, 59.8, 0.0); ( 733846.4, 4055256.5, 59.8, 59.8, 0.0);
( 733846.4, 4055281.5, 59.8, 59.8, 0.0); ( 733846.4, 4055306.5, 59.8, 59.8, 0.0);
( 733846.4, 4055331.5, 59.8, 59.8, 0.0); ( 733871.4, 4052331.5, 63.8, 63.8, 0.0);
( 733871.4, 4052356.5, 63.8, 63.8, 0.0); ( 733871.4, 4052381.5, 63.7, 63.7, 0.0);
( 733871.4, 4052406.5, 63.6, 63.6, 0.0); ( 733871.4, 4052431.5, 63.6, 63.6, 0.0);
( 733871.4, 4052456.5, 63.5, 63.5, 0.0); ( 733871.4, 4052481.5, 63.4, 63.4, 0.0);
( 733871.4, 4052506.5, 63.3, 63.3, 0.0); ( 733871.4, 4052531.5, 63.3, 63.3, 0.0);
( 733871.4, 4052556.5, 63.2, 63.2, 0.0); ( 733871.4, 4052581.5, 63.1, 63.1, 0.0);
( 733871.4, 4052606.5, 63.1, 63.1, 0.0); ( 733871.4, 4052631.5, 63.0, 63.0, 0.0);
( 733871.4, 4052656.5, 62.9, 62.9, 0.0); ( 733871.4, 4052681.5, 62.9, 62.9, 0.0);
( 733871.4, 4052706.5, 62.8, 62.8, 0.0); ( 733871.4, 4052731.5, 62.7, 62.7, 0.0);
( 733871.4, 4052756.5, 62.7, 62.7, 0.0); ( 733871.4, 4052781.5, 62.6, 62.6, 0.0);
( 733871.4, 4052806.5, 62.5, 62.5, 0.0); ( 733871.4, 4052831.5, 62.5, 62.5, 0.0);
( 733871.4, 4052856.5, 62.4, 62.4, 0.0); ( 733871.4, 4052881.5, 62.4, 62.4, 0.0);
( 733871.4, 4052906.5, 62.3, 62.3, 0.0); ( 733871.4, 4052931.5, 62.2, 62.2, 0.0);
( 733871.4, 4052956.5, 62.2, 62.2, 0.0); ( 733871.4, 4052981.5, 62.1, 62.1, 0.0);
( 733871.4, 4053006.5, 62.1, 62.1, 0.0); ( 733871.4, 4053031.5, 62.0, 62.0, 0.0);
( 733871.4, 4053056.5, 62.0, 62.0, 0.0); ( 733871.4, 4053081.5, 61.9, 61.9, 0.0);
( 733871.4, 4053106.5, 61.9, 61.9, 0.0); ( 733871.4, 4053131.5, 61.8, 61.8, 0.0);
( 733871.4, 4053156.5, 61.8, 61.8, 0.0); ( 733871.4, 4053181.5, 61.7, 61.7, 0.0);
( 733871.4, 4053206.5, 61.7, 61.7, 0.0); ( 733871.4, 4053231.5, 61.7, 61.7, 0.0);
( 733871.4, 4053256.5, 61.6, 61.6, 0.0); ( 733871.4, 4053281.5, 61.6, 61.6, 0.0);
( 733871.4, 4053306.5, 61.5, 61.5, 0.0); ( 733871.4, 4053331.5, 61.5, 61.5, 0.0);
( 733871.4, 4053356.5, 61.5, 61.5, 0.0); ( 733871.4, 4053381.5, 61.4, 61.4, 0.0);
( 733871.4, 4053406.5, 61.4, 61.4, 0.0); ( 733871.4, 4053431.5, 61.4, 61.4, 0.0);
( 733871.4, 4053456.5, 61.3, 61.3, 0.0); ( 733871.4, 4053481.5, 61.3, 61.3, 0.0);
( 733871.4, 4053506.5, 61.3, 61.3, 0.0); ( 733871.4, 4053531.5, 61.2, 61.2, 0.0);
( 733871.4, 4053556.5, 61.2, 61.2, 0.0); ( 733871.4, 4053581.5, 61.2, 61.2, 0.0);
( 733871.4, 4053606.5, 61.1, 61.1, 0.0); ( 733871.4, 4053631.5, 61.1, 61.1, 0.0);
( 733871.4, 4053656.5, 61.1, 61.1, 0.0); ( 733871.4, 4053681.5, 61.0, 61.0, 0.0);
( 733871.4, 4053706.5, 61.0, 61.0, 0.0); ( 733871.4, 4053731.5, 61.0, 61.0, 0.0);
( 733871.4, 4053756.5, 60.9, 60.9, 0.0); ( 733871.4, 4053781.5, 60.9, 60.9, 0.0);
( 733871.4, 4053806.5, 60.8, 60.8, 0.0); ( 733871.4, 4053831.5, 60.8, 60.8, 0.0);
( 733871.4, 4053856.5, 60.8, 60.8, 0.0); ( 733871.4, 4053881.5, 60.7, 60.7, 0.0);
( 733871.4, 4053906.5, 60.7, 60.7, 0.0); ( 733871.4, 4053931.5, 60.6, 60.6, 0.0);
( 733871.4, 4053956.5, 60.5, 60.5, 0.0); ( 733871.4, 4053981.5, 60.5, 60.5, 0.0);
( 733871.4, 4054006.5, 60.4, 60.4, 0.0); ( 733871.4, 4054031.5, 60.4, 60.4, 0.0);
( 733871.4, 4054056.5, 60.3, 60.3, 0.0); ( 733871.4, 4054081.5, 60.4, 60.4, 0.0);
( 733871.4, 4054106.5, 60.4, 60.4, 0.0); ( 733871.4, 4054131.5, 60.4, 60.4, 0.0);
( 733871.4, 4054156.5, 60.4, 60.4, 0.0); ( 733871.4, 4054181.5, 60.4, 60.4, 0.0);
( 733871.4, 4054206.5, 60.4, 60.4, 0.0); ( 733871.4, 4054231.5, 60.4, 60.4, 0.0);
( 733871.4, 4054256.5, 60.4, 60.4, 0.0); ( 733871.4, 4054281.5, 60.4, 60.4, 0.0);
( 733871.4, 4054306.5, 60.4, 60.4, 0.0); ( 733871.4, 4054331.5, 60.4, 60.4, 0.0);
( 733871.4, 4054356.5, 60.3, 60.3, 0.0); ( 733871.4, 4054381.5, 60.3, 60.3, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 87
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733871.4, 4054406.5, 60.3, 60.3, 0.0); ( 733871.4, 4054431.5, 60.3, 60.3, 0.0);
( 733871.4, 4054456.5, 60.2, 60.2, 0.0); ( 733871.4, 4054481.5, 60.2, 60.2, 0.0);
( 733871.4, 4054506.5, 60.2, 60.2, 0.0); ( 733871.4, 4054531.5, 60.2, 60.2, 0.0);
( 733871.4, 4054556.5, 60.2, 60.2, 0.0); ( 733871.4, 4054581.5, 60.1, 60.1, 0.0);
( 733871.4, 4054606.5, 60.1, 60.1, 0.0); ( 733871.4, 4054631.5, 60.1, 60.1, 0.0);

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( 733871.4, 4054656.5, 60.1, 60.1, 0.0); ( 733871.4, 4054681.5, 60.1, 60.1, 0.0);
( 733871.4, 4054706.5, 60.1, 60.1, 0.0); ( 733871.4, 4054731.5, 60.0, 60.0, 0.0);
( 733871.4, 4054756.5, 60.0, 60.0, 0.0); ( 733871.4, 4054781.5, 60.0, 60.0, 0.0);
( 733871.4, 4054806.5, 60.0, 60.0, 0.0); ( 733871.4, 4054831.5, 60.0, 60.0, 0.0);
( 733871.4, 4054856.5, 60.0, 60.0, 0.0); ( 733871.4, 4054881.5, 59.9, 59.9, 0.0);
( 733871.4, 4054906.5, 59.9, 59.9, 0.0); ( 733871.4, 4054931.5, 59.9, 59.9, 0.0);
( 733871.4, 4054956.5, 59.9, 59.9, 0.0); ( 733871.4, 4054981.5, 59.9, 59.9, 0.0);
( 733871.4, 4055006.5, 59.9, 59.9, 0.0); ( 733871.4, 4055031.5, 59.9, 59.9, 0.0);
( 733871.4, 4055056.5, 59.8, 59.8, 0.0); ( 733871.4, 4055081.5, 59.8, 59.8, 0.0);
( 733871.4, 4055106.5, 59.8, 59.8, 0.0); ( 733871.4, 4055131.5, 59.8, 59.8, 0.0);
( 733871.4, 4055156.5, 59.8, 59.8, 0.0); ( 733871.4, 4055181.5, 59.8, 59.8, 0.0);
( 733871.4, 4055206.5, 59.8, 59.8, 0.0); ( 733871.4, 4055231.5, 59.8, 59.8, 0.0);
( 733871.4, 4055256.5, 59.8, 59.8, 0.0); ( 733871.4, 4055281.5, 59.8, 59.8, 0.0);
( 733871.4, 4055306.5, 59.7, 59.7, 0.0); ( 733871.4, 4055331.5, 59.7, 59.7, 0.0);
( 730871.4, 4055381.5, 65.1, 65.1, 0.0); ( 730871.4, 4055431.5, 65.1, 65.1, 0.0);
( 730871.4, 4055481.5, 65.2, 65.2, 0.0); ( 730921.4, 4055381.5, 65.0, 65.0, 0.0);
( 730921.4, 4055431.5, 65.0, 65.0, 0.0); ( 730921.4, 4055481.5, 65.0, 65.0, 0.0);
( 730971.4, 4055381.5, 64.8, 64.8, 0.0); ( 730971.4, 4055431.5, 64.9, 64.9, 0.0);
( 730971.4, 4055481.5, 64.9, 64.9, 0.0); ( 731021.4, 4055381.5, 64.7, 64.7, 0.0);
( 731021.4, 4055431.5, 64.8, 64.8, 0.0); ( 731021.4, 4055481.5, 64.8, 64.8, 0.0);
( 731071.4, 4055381.5, 64.6, 64.6, 0.0); ( 731071.4, 4055431.5, 64.7, 64.7, 0.0);
( 731071.4, 4055481.5, 64.7, 64.7, 0.0); ( 731121.4, 4055381.5, 64.5, 64.5, 0.0);
( 731121.4, 4055431.5, 64.6, 64.6, 0.0); ( 731121.4, 4055481.5, 64.6, 64.6, 0.0);
( 731171.4, 4055381.5, 64.5, 64.5, 0.0); ( 731171.4, 4055431.5, 64.5, 64.5, 0.0);
( 731171.4, 4055481.5, 64.6, 64.6, 0.0); ( 731221.4, 4055381.5, 64.4, 64.4, 0.0);
( 731221.4, 4055431.5, 64.4, 64.4, 0.0); ( 731221.4, 4055481.5, 64.5, 64.5, 0.0);
( 731271.4, 4055381.5, 64.3, 64.3, 0.0); ( 731271.4, 4055431.5, 64.3, 64.3, 0.0);
( 731271.4, 4055481.5, 64.4, 64.4, 0.0); ( 731321.4, 4055381.5, 64.2, 64.2, 0.0);
( 731321.4, 4055431.5, 64.2, 64.2, 0.0); ( 731321.4, 4055481.5, 64.3, 64.3, 0.0);
( 731371.4, 4055381.5, 64.1, 64.1, 0.0); ( 731371.4, 4055431.5, 64.1, 64.1, 0.0);
( 731371.4, 4055481.5, 64.2, 64.2, 0.0); ( 731421.4, 4055381.5, 64.0, 64.0, 0.0);
( 731421.4, 4055431.5, 64.0, 64.0, 0.0); ( 731421.4, 4055481.5, 64.0, 64.0, 0.0);
( 731471.4, 4055381.5, 63.9, 63.9, 0.0); ( 731471.4, 4055431.5, 63.9, 63.9, 0.0);
( 731471.4, 4055481.5, 63.9, 63.9, 0.0); ( 731521.4, 4055381.5, 63.8, 63.8, 0.0);
( 731521.4, 4055431.5, 63.8, 63.8, 0.0); ( 731521.4, 4055481.5, 63.8, 63.8, 0.0);
( 731571.4, 4055381.5, 63.7, 63.7, 0.0); ( 731571.4, 4055431.5, 63.7, 63.7, 0.0);
( 731571.4, 4055481.5, 63.7, 63.7, 0.0); ( 731621.4, 4055381.5, 63.5, 63.5, 0.0);
( 731621.4, 4055431.5, 63.6, 63.6, 0.0); ( 731621.4, 4055481.5, 63.6, 63.6, 0.0);
( 731671.4, 4055381.5, 63.4, 63.4, 0.0); ( 731671.4, 4055431.5, 63.5, 63.5, 0.0);
( 731671.4, 4055481.5, 63.5, 63.5, 0.0); ( 731721.4, 4055381.5, 63.3, 63.3, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 88

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 731721.4, 4055431.5, 63.4, 63.4, 0.0); ( 731721.4, 4055481.5, 63.4, 63.4, 0.0);
( 731771.4, 4055381.5, 63.3, 63.3, 0.0); ( 731771.4, 4055431.5, 63.3, 63.3, 0.0);
( 731771.4, 4055481.5, 63.3, 63.3, 0.0); ( 731821.4, 4055381.5, 63.2, 63.2, 0.0);
( 731821.4, 4055431.5, 63.2, 63.2, 0.0); ( 731821.4, 4055481.5, 63.2, 63.2, 0.0);
( 731871.4, 4055381.5, 63.1, 63.1, 0.0); ( 731871.4, 4055431.5, 63.1, 63.1, 0.0);
( 731871.4, 4055481.5, 63.1, 63.1, 0.0); ( 731921.4, 4055381.5, 63.0, 63.0, 0.0);
( 731921.4, 4055431.5, 63.0, 63.0, 0.0); ( 731921.4, 4055481.5, 63.1, 63.1, 0.0);
( 731971.4, 4055381.5, 62.9, 62.9, 0.0); ( 731971.4, 4055431.5, 62.9, 62.9, 0.0);
( 731971.4, 4055481.5, 63.0, 63.0, 0.0); ( 732021.4, 4055381.5, 62.8, 62.8, 0.0);
( 732021.4, 4055431.5, 62.9, 62.9, 0.0); ( 732021.4, 4055481.5, 62.9, 62.9, 0.0);
( 732071.4, 4055381.5, 62.8, 62.8, 0.0); ( 732071.4, 4055431.5, 62.8, 62.8, 0.0);
( 732071.4, 4055481.5, 62.8, 62.8, 0.0); ( 732121.4, 4055381.5, 62.7, 62.7, 0.0);
( 732121.4, 4055431.5, 62.7, 62.7, 0.0); ( 732121.4, 4055481.5, 62.7, 62.7, 0.0);
( 732171.4, 4055381.5, 62.6, 62.6, 0.0); ( 732171.4, 4055431.5, 62.6, 62.6, 0.0);
( 732171.4, 4055481.5, 62.6, 62.6, 0.0); ( 732221.4, 4055381.5, 62.5, 62.5, 0.0);
( 732221.4, 4055431.5, 62.5, 62.5, 0.0); ( 732221.4, 4055481.5, 62.5, 62.5, 0.0);
( 732271.4, 4055381.5, 62.4, 62.4, 0.0); ( 732271.4, 4055431.5, 62.4, 62.4, 0.0);
( 732271.4, 4055481.5, 62.5, 62.5, 0.0); ( 732321.4, 4055381.5, 62.3, 62.3, 0.0);
( 732321.4, 4055431.5, 62.3, 62.3, 0.0); ( 732321.4, 4055481.5, 62.3, 62.3, 0.0);
( 732371.4, 4055381.5, 62.2, 62.2, 0.0); ( 732371.4, 4055431.5, 62.2, 62.2, 0.0);
( 732371.4, 4055481.5, 62.3, 62.3, 0.0); ( 732421.4, 4055381.5, 62.1, 62.1, 0.0);
( 732421.4, 4055431.5, 62.1, 62.1, 0.0); ( 732421.4, 4055481.5, 62.2, 62.2, 0.0);
( 732471.4, 4055381.5, 62.0, 62.0, 0.0); ( 732471.4, 4055431.5, 62.0, 62.0, 0.0);
( 732471.4, 4055481.5, 62.1, 62.1, 0.0); ( 732521.4, 4055381.5, 61.9, 61.9, 0.0);
( 732521.4, 4055431.5, 61.9, 61.9, 0.0); ( 732521.4, 4055481.5, 61.9, 61.9, 0.0);
( 732571.4, 4055381.5, 61.8, 61.8, 0.0); ( 732571.4, 4055431.5, 61.8, 61.8, 0.0);
( 732571.4, 4055481.5, 61.8, 61.8, 0.0); ( 732621.4, 4055381.5, 61.7, 61.7, 0.0);
( 732621.4, 4055431.5, 61.7, 61.7, 0.0); ( 732621.4, 4055481.5, 61.8, 61.8, 0.0);
( 732671.4, 4055381.5, 61.6, 61.6, 0.0); ( 732671.4, 4055431.5, 61.7, 61.7, 0.0);
( 732671.4, 4055481.5, 61.7, 61.7, 0.0); ( 732721.4, 4055381.5, 61.6, 61.6, 0.0);
( 732721.4, 4055431.5, 61.6, 61.6, 0.0); ( 732721.4, 4055481.5, 61.6, 61.6, 0.0);
( 732771.4, 4055381.5, 61.5, 61.5, 0.0); ( 732771.4, 4055431.5, 61.5, 61.5, 0.0);
( 732771.4, 4055481.5, 61.5, 61.5, 0.0); ( 732821.4, 4055381.5, 61.4, 61.4, 0.0);
( 732821.4, 4055431.5, 61.4, 61.4, 0.0); ( 732821.4, 4055481.5, 61.5, 61.5, 0.0);
( 732871.4, 4055381.5, 61.4, 61.4, 0.0); ( 732871.4, 4055431.5, 61.4, 61.4, 0.0);
( 732871.4, 4055481.5, 61.4, 61.4, 0.0); ( 732921.4, 4055381.5, 61.3, 61.3, 0.0);
( 732921.4, 4055431.5, 61.3, 61.3, 0.0); ( 732921.4, 4055481.5, 61.3, 61.3, 0.0);
( 732971.4, 4055381.5, 61.2, 61.2, 0.0); ( 732971.4, 4055431.5, 61.2, 61.2, 0.0);
( 732971.4, 4055481.5, 61.2, 61.2, 0.0); ( 733021.4, 4055381.5, 61.1, 61.1, 0.0);
( 733021.4, 4055431.5, 61.1, 61.1, 0.0); ( 733021.4, 4055481.5, 61.2, 61.2, 0.0);
( 733071.4, 4055381.5, 61.1, 61.1, 0.0); ( 733071.4, 4055431.5, 61.1, 61.1, 0.0);
( 733071.4, 4055481.5, 61.1, 61.1, 0.0); ( 733121.4, 4055381.5, 61.0, 61.0, 0.0);
( 733121.4, 4055431.5, 61.0, 61.0, 0.0); ( 733121.4, 4055481.5, 61.0, 61.0, 0.0);
( 733171.4, 4055381.5, 60.9, 60.9, 0.0); ( 733171.4, 4055431.5, 60.9, 60.9, 0.0);
( 733171.4, 4055481.5, 60.9, 60.9, 0.0); ( 733221.4, 4055381.5, 60.8, 60.8, 0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 89

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 733221.4, 4055431.5, 60.8, 60.8, 0.0); ( 733221.4, 4055481.5, 60.8, 60.8, 0.0);
( 733271.4, 4055381.5, 60.7, 60.7, 0.0); ( 733271.4, 4055431.5, 60.7, 60.7, 0.0);
( 733271.4, 4055481.5, 60.7, 60.7, 0.0); ( 733321.4, 4055381.5, 60.6, 60.6, 0.0);
( 733321.4, 4055431.5, 60.6, 60.6, 0.0); ( 733321.4, 4055481.5, 60.6, 60.6, 0.0);
( 733371.4, 4055381.5, 60.5, 60.5, 0.0); ( 733371.4, 4055431.5, 60.5, 60.5, 0.0);
( 733371.4, 4055481.5, 60.5, 60.5, 0.0); ( 733421.4, 4055381.5, 60.4, 60.4, 0.0);
( 733421.4, 4055431.5, 60.4, 60.4, 0.0); ( 733421.4, 4055481.5, 60.4, 60.4, 0.0);
( 733471.4, 4055381.5, 60.3, 60.3, 0.0); ( 733471.4, 4055431.5, 60.3, 60.3, 0.0);
( 733471.4, 4055481.5, 60.3, 60.3, 0.0); ( 733521.4, 4055381.5, 60.2, 60.2, 0.0);
( 733521.4, 4055431.5, 60.2, 60.2, 0.0); ( 733521.4, 4055481.5, 60.2, 60.2, 0.0);
( 733571.4, 4055381.5, 60.2, 60.2, 0.0); ( 733571.4, 4055431.5, 60.2, 60.2, 0.0);
( 733571.4, 4055481.5, 60.2, 60.2, 0.0); ( 733621.4, 4055381.5, 60.1, 60.1, 0.0);

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( 733671.4, 4055381.5, 60.1, 60.1, 0.0); ( 733671.4, 4055431.5, 60.1, 60.1, 0.0);
( 733671.4, 4055481.5, 60.1, 60.1, 0.0); ( 733721.4, 4055381.5, 60.0, 60.0, 0.0);
( 733721.4, 4055431.5, 60.0, 60.0, 0.0); ( 733721.4, 4055481.5, 60.0, 60.0, 0.0);
( 733771.4, 4055381.5, 59.9, 59.9, 0.0); ( 733771.4, 4055431.5, 59.9, 59.9, 0.0);
( 733771.4, 4055481.5, 59.9, 59.9, 0.0); ( 733821.4, 4055381.5, 59.8, 59.8, 0.0);
( 733821.4, 4055431.5, 59.8, 59.8, 0.0); ( 733821.4, 4055481.5, 59.8, 59.8, 0.0);
( 733871.4, 4055381.5, 59.7, 59.7, 0.0); ( 733871.4, 4055431.5, 59.7, 59.7, 0.0);
( 733871.4, 4055481.5, 59.7, 59.7, 0.0); ( 733921.4, 4055381.5, 59.6, 59.6, 0.0);
( 733921.4, 4055431.5, 59.6, 59.6, 0.0); ( 733921.4, 4055481.5, 59.6, 59.6, 0.0);
( 733971.4, 4055381.5, 59.5, 59.5, 0.0); ( 733971.4, 4055431.5, 59.5, 59.5, 0.0);
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( 734021.4, 4055431.5, 59.4, 59.4, 0.0); ( 734021.4, 4055481.5, 59.4, 59.4, 0.0);
( 733921.4, 4055331.5, 59.7, 59.7, 0.0); ( 733921.4, 4055281.5, 59.7, 59.7, 0.0);
( 733921.4, 4055231.5, 59.7, 59.7, 0.0); ( 733921.4, 4055181.5, 59.7, 59.7, 0.0);
( 733921.4, 4055131.5, 59.7, 59.7, 0.0); ( 733921.4, 4055081.5, 59.7, 59.7, 0.0);
( 733921.4, 4055031.5, 59.8, 59.8, 0.0); ( 733921.4, 4054981.5, 59.8, 59.8, 0.0);
( 733921.4, 4054931.5, 59.8, 59.8, 0.0); ( 733921.4, 4054881.5, 59.9, 59.9, 0.0);
( 733921.4, 4054831.5, 59.9, 59.9, 0.0); ( 733921.4, 4054781.5, 59.9, 59.9, 0.0);
( 733921.4, 4054731.5, 60.0, 60.0, 0.0); ( 733921.4, 4054681.5, 60.0, 60.0, 0.0);
( 733921.4, 4054631.5, 60.0, 60.0, 0.0); ( 733921.4, 4054581.5, 60.1, 60.1, 0.0);
( 733921.4, 4054531.5, 60.1, 60.1, 0.0); ( 733921.4, 4054481.5, 60.1, 60.1, 0.0);
( 733921.4, 4054431.5, 60.2, 60.2, 0.0); ( 733921.4, 4054381.5, 60.2, 60.2, 0.0);
( 733921.4, 4054331.5, 60.3, 60.3, 0.0); ( 733921.4, 4054281.5, 60.3, 60.3, 0.0);
( 733921.4, 4054231.5, 60.4, 60.4, 0.0); ( 733921.4, 4054181.5, 60.4, 60.4, 0.0);
( 733921.4, 4054131.5, 60.4, 60.4, 0.0); ( 733921.4, 4054081.5, 60.3, 60.3, 0.0);
( 733921.4, 4054031.5, 60.3, 60.3, 0.0); ( 733921.4, 4053981.5, 60.4, 60.4, 0.0);
( 733921.4, 4053931.5, 60.5, 60.5, 0.0); ( 733921.4, 4053881.5, 60.6, 60.6, 0.0);
( 733921.4, 4053831.5, 60.7, 60.7, 0.0); ( 733921.4, 4053781.5, 60.8, 60.8, 0.0);
( 733921.4, 4053731.5, 60.9, 60.9, 0.0); ( 733921.4, 4053681.5, 60.9, 60.9, 0.0);
( 733921.4, 4053631.5, 61.0, 61.0, 0.0); ( 733921.4, 4053581.5, 61.1, 61.1, 0.0);
( 733921.4, 4053531.5, 61.2, 61.2, 0.0); ( 733921.4, 4053481.5, 61.2, 61.2, 0.0);
( 733921.4, 4053431.5, 61.3, 61.3, 0.0); ( 733921.4, 4053381.5, 61.3, 61.3, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** ** 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 90

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733921.4, 4053331.5, 61.4, 61.4, 0.0); ( 733921.4, 4053281.5, 61.5, 61.5, 0.0);
( 733921.4, 4053231.5, 61.6, 61.6, 0.0); ( 733921.4, 4053181.5, 61.7, 61.7, 0.0);
( 733921.4, 4053131.5, 61.8, 61.8, 0.0); ( 733921.4, 4053081.5, 61.8, 61.8, 0.0);
( 733921.4, 4053031.5, 61.9, 61.9, 0.0); ( 733921.4, 4052981.5, 62.0, 62.0, 0.0);
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( 733921.4, 4052431.5, 63.5, 63.5, 0.0); ( 733921.4, 4052381.5, 63.6, 63.6, 0.0);
( 733921.4, 4052331.5, 63.8, 63.8, 0.0); ( 733921.4, 4052281.5, 63.9, 63.9, 0.0);
( 733921.4, 4052231.5, 64.0, 64.0, 0.0); ( 733921.4, 4052181.5, 64.2, 64.2, 0.0);
( 733971.4, 4055331.5, 59.6, 59.6, 0.0); ( 733971.4, 4055281.5, 59.6, 59.6, 0.0);
( 733971.4, 4055231.5, 59.6, 59.6, 0.0); ( 733971.4, 4055181.5, 59.6, 59.6, 0.0);
( 733971.4, 4055131.5, 59.6, 59.6, 0.0); ( 733971.4, 4055081.5, 59.7, 59.7, 0.0);
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( 733971.4, 4054831.5, 59.8, 59.8, 0.0); ( 733971.4, 4054781.5, 59.8, 59.8, 0.0);
( 733971.4, 4054731.5, 59.9, 59.9, 0.0); ( 733971.4, 4054681.5, 59.9, 59.9, 0.0);
( 733971.4, 4054631.5, 59.9, 59.9, 0.0); ( 733971.4, 4054581.5, 60.0, 60.0, 0.0);
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( 733971.4, 4053131.5, 61.7, 61.7, 0.0); ( 733971.4, 4053081.5, 61.8, 61.8, 0.0);
( 733971.4, 4053031.5, 61.8, 61.8, 0.0); ( 733971.4, 4052981.5, 61.9, 61.9, 0.0);
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( 733971.4, 4052831.5, 62.3, 62.3, 0.0); ( 733971.4, 4052781.5, 62.4, 62.4, 0.0);
( 733971.4, 4052731.5, 62.5, 62.5, 0.0); ( 733971.4, 4052681.5, 62.7, 62.7, 0.0);
( 733971.4, 4052631.5, 62.8, 62.8, 0.0); ( 733971.4, 4052581.5, 63.0, 63.0, 0.0);
( 733971.4, 4052531.5, 63.1, 63.1, 0.0); ( 733971.4, 4052481.5, 63.3, 63.3, 0.0);
( 733971.4, 4052431.5, 63.4, 63.4, 0.0); ( 733971.4, 4052381.5, 63.5, 63.5, 0.0);
( 733971.4, 4052331.5, 63.7, 63.7, 0.0); ( 733971.4, 4052281.5, 63.8, 63.8, 0.0);
( 733971.4, 4052231.5, 63.9, 63.9, 0.0); ( 733971.4, 4052181.5, 64.1, 64.1, 0.0);
( 734021.4, 4055331.5, 59.5, 59.5, 0.0); ( 734021.4, 4055281.5, 59.5, 59.5, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** * 23:30:46
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 91

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( 734021.4, 4053331.5, 61.3, 61.3, 0.0); ( 734021.4, 4053281.5, 61.4, 61.4, 0.0);
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( 734021.4, 4053031.5, 61.8, 61.8, 0.0); ( 734021.4, 4052981.5, 61.8, 61.8, 0.0);
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( 734021.4, 4052631.5, 62.7, 62.7, 0.0); ( 734021.4, 4052581.5, 62.9, 62.9, 0.0);
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( 734021.4, 4052431.5, 63.3, 63.3, 0.0); ( 734021.4, 4052381.5, 63.5, 63.5, 0.0);
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( 733871.4, 4052281.5, 64.0, 64.0, 0.0); ( 733871.4, 4052231.5, 64.1, 64.1, 0.0);
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( 733821.4, 4052231.5, 64.3, 64.3, 0.0); ( 733821.4, 4052181.5, 64.4, 64.4, 0.0);
( 733771.4, 4052281.5, 64.2, 64.2, 0.0); ( 733771.4, 4052231.5, 64.4, 64.4, 0.0);
( 733771.4, 4052181.5, 64.5, 64.5, 0.0); ( 733721.4, 4052281.5, 64.3, 64.3, 0.0);
( 733721.4, 4052231.5, 64.5, 64.5, 0.0); ( 733721.4, 4052181.5, 64.6, 64.6, 0.0);
( 733671.4, 4052281.5, 64.4, 64.4, 0.0); ( 733671.4, 4052231.5, 64.6, 64.6, 0.0);
( 733671.4, 4052181.5, 64.7, 64.7, 0.0); ( 733621.4, 4052281.5, 64.5, 64.5, 0.0);
( 733621.4, 4052231.5, 64.7, 64.7, 0.0); ( 733621.4, 4052181.5, 64.8, 64.8, 0.0);
( 733571.4, 4052281.5, 64.5, 64.5, 0.0); ( 733571.4, 4052231.5, 64.7, 64.7, 0.0);
( 733571.4, 4052181.5, 64.8, 64.8, 0.0); ( 733521.4, 4052281.5, 64.6, 64.6, 0.0);
( 733521.4, 4052231.5, 64.7, 64.7, 0.0); ( 733521.4, 4052181.5, 64.9, 64.9, 0.0);
( 733471.4, 4052281.5, 64.7, 64.7, 0.0); ( 733471.4, 4052231.5, 64.8, 64.8, 0.0);
( 733471.4, 4052181.5, 65.0, 65.0, 0.0); ( 733421.4, 4052281.5, 64.8, 64.8, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 92

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 733421.4, 4052231.5, 64.9, 64.9, 0.0); ( 733421.4, 4052181.5, 65.1, 65.1, 0.0);
( 733371.4, 4052281.5, 64.9, 64.9, 0.0); ( 733371.4, 4052231.5, 65.1, 65.1, 0.0);
( 733371.4, 4052181.5, 65.2, 65.2, 0.0); ( 733321.4, 4052281.5, 65.0, 65.0, 0.0);
( 733321.4, 4052231.5, 65.2, 65.2, 0.0); ( 733321.4, 4052181.5, 65.4, 65.4, 0.0);
( 733271.4, 4052281.5, 65.1, 65.1, 0.0); ( 733271.4, 4052231.5, 65.3, 65.3, 0.0);
( 733271.4, 4052181.5, 65.5, 65.5, 0.0); ( 733221.4, 4052281.5, 65.3, 65.3, 0.0);
( 733221.4, 4052231.5, 65.5, 65.5, 0.0); ( 733221.4, 4052181.5, 65.7, 65.7, 0.0);
( 733171.4, 4052281.5, 65.5, 65.5, 0.0); ( 733171.4, 4052231.5, 65.6, 65.6, 0.0);
( 733171.4, 4052181.5, 65.9, 65.9, 0.0); ( 733121.4, 4052281.5, 65.6, 65.6, 0.0);
( 733121.4, 4052231.5, 65.8, 65.8, 0.0); ( 733121.4, 4052181.5, 66.0, 66.0, 0.0);
( 733071.4, 4052281.5, 65.8, 65.8, 0.0); ( 733071.4, 4052231.5, 66.0, 66.0, 0.0);
( 733071.4, 4052181.5, 66.2, 66.2, 0.0); ( 733021.4, 4052281.5, 65.9, 65.9, 0.0);
( 733021.4, 4052231.5, 66.1, 66.1, 0.0); ( 733021.4, 4052181.5, 66.3, 66.3, 0.0);
( 732971.4, 4052281.5, 66.1, 66.1, 0.0); ( 732971.4, 4052231.5, 66.3, 66.3, 0.0);
( 732971.4, 4052181.5, 66.4, 66.4, 0.0); ( 732921.4, 4052281.5, 66.2, 66.2, 0.0);
( 732921.4, 4052231.5, 66.4, 66.4, 0.0); ( 732921.4, 4052181.5, 66.6, 66.6, 0.0);
( 732871.4, 4052281.5, 66.3, 66.3, 0.0); ( 732871.4, 4052231.5, 66.5, 66.5, 0.0);
( 732871.4, 4052181.5, 66.7, 66.7, 0.0); ( 732821.4, 4052281.5, 66.5, 66.5, 0.0);
( 732821.4, 4052231.5, 66.6, 66.6, 0.0); ( 732821.4, 4052181.5, 66.9, 66.9, 0.0);
( 732771.4, 4052281.5, 66.6, 66.6, 0.0); ( 732771.4, 4052231.5, 66.8, 66.8, 0.0);
( 732771.4, 4052181.5, 67.0, 67.0, 0.0); ( 732721.4, 4052281.5, 66.7, 66.7, 0.0);
( 732721.4, 4052231.5, 66.9, 66.9, 0.0); ( 732721.4, 4052181.5, 67.1, 67.1, 0.0);
( 732671.4, 4052281.5, 66.9, 66.9, 0.0); ( 732671.4, 4052231.5, 67.1, 67.1, 0.0);
( 732671.4, 4052181.5, 67.3, 67.3, 0.0); ( 732621.4, 4052281.5, 67.0, 67.0, 0.0);
( 732621.4, 4052231.5, 67.2, 67.2, 0.0); ( 732621.4, 4052181.5, 67.4, 67.4, 0.0);
( 732571.4, 4052281.5, 67.1, 67.1, 0.0); ( 732571.4, 4052231.5, 67.4, 67.4, 0.0);
( 732571.4, 4052181.5, 67.6, 67.6, 0.0); ( 732521.4, 4052281.5, 67.3, 67.3, 0.0);
( 732521.4, 4052231.5, 67.5, 67.5, 0.0); ( 732521.4, 4052181.5, 67.7, 67.7, 0.0);
( 732471.4, 4052281.5, 67.5, 67.5, 0.0); ( 732471.4, 4052231.5, 67.6, 67.6, 0.0);
( 732471.4, 4052181.5, 67.8, 67.8, 0.0); ( 732421.4, 4052281.5, 67.6, 67.6, 0.0);
( 732421.4, 4052231.5, 67.8, 67.8, 0.0); ( 732421.4, 4052181.5, 68.0, 68.0, 0.0);
( 732371.4, 4052281.5, 67.7, 67.7, 0.0); ( 732371.4, 4052231.5, 68.0, 68.0, 0.0);
( 732371.4, 4052181.5, 68.2, 68.2, 0.0); ( 732321.4, 4052281.5, 67.9, 67.9, 0.0);
( 732321.4, 4052231.5, 68.1, 68.1, 0.0); ( 732321.4, 4052181.5, 68.4, 68.4, 0.0);
( 732271.4, 4052281.5, 68.0, 68.0, 0.0); ( 732271.4, 4052231.5, 68.3, 68.3, 0.0);
( 732271.4, 4052181.5, 68.5, 68.5, 0.0); ( 732221.4, 4052281.5, 68.2, 68.2, 0.0);
( 732221.4, 4052231.5, 68.5, 68.5, 0.0); ( 732221.4, 4052181.5, 68.7, 68.7, 0.0);
( 732171.4, 4052281.5, 68.3, 68.3, 0.0); ( 732171.4, 4052231.5, 68.6, 68.6, 0.0);
( 732171.4, 4052181.5, 68.9, 68.9, 0.0); ( 732121.4, 4052281.5, 68.4, 68.4, 0.0);
( 732121.4, 4052231.5, 68.7, 68.7, 0.0); ( 732121.4, 4052181.5, 69.0, 69.0, 0.0);
( 732071.4, 4052281.5, 68.5, 68.5, 0.0); ( 732071.4, 4052231.5, 68.8, 68.8, 0.0);
( 732071.4, 4052181.5, 69.1, 69.1, 0.0); ( 732021.4, 4052281.5, 68.6, 68.6, 0.0);
( 732021.4, 4052231.5, 68.9, 68.9, 0.0); ( 732021.4, 4052181.5, 69.2, 69.2, 0.0);
( 731971.4, 4052281.5, 68.7, 68.7, 0.0); ( 731971.4, 4052231.5, 69.0, 69.0, 0.0);
( 731971.4, 4052181.5, 69.3, 69.3, 0.0); ( 731921.4, 4052281.5, 68.8, 68.8, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 93

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731921.4, 4052231.5, 69.1, 69.1, 0.0); ( 731921.4, 4052181.5, 69.4, 69.4, 0.0);
( 731871.4, 4052281.5, 68.8, 68.8, 0.0); ( 731871.4, 4052231.5, 69.1, 69.1, 0.0);
( 731871.4, 4052181.5, 69.5, 69.5, 0.0); ( 731821.4, 4052281.5, 68.9, 68.9, 0.0);
( 731821.4, 4052231.5, 69.2, 69.2, 0.0); ( 731821.4, 4052181.5, 69.5, 69.5, 0.0);
( 731771.4, 4052281.5, 68.9, 68.9, 0.0); ( 731771.4, 4052231.5, 69.3, 69.3, 0.0);
( 731771.4, 4052181.5, 69.6, 69.6, 0.0); ( 731721.4, 4052281.5, 69.0, 69.0, 0.0);
( 731721.4, 4052231.5, 69.3, 69.3, 0.0); ( 731721.4, 4052181.5, 69.7, 69.7, 0.0);
( 731671.4, 4052281.5, 69.0, 69.0, 0.0); ( 731671.4, 4052231.5, 69.4, 69.4, 0.0);
( 731671.4, 4052181.5, 69.7, 69.7, 0.0); ( 731621.4, 4052281.5, 69.1, 69.1, 0.0);
( 731621.4, 4052231.5, 69.5, 69.5, 0.0); ( 731621.4, 4052181.5, 69.8, 69.8, 0.0);
( 731571.4, 4052281.5, 69.2, 69.2, 0.0); ( 731571.4, 4052231.5, 69.6, 69.6, 0.0);
( 731571.4, 4052181.5, 69.9, 69.9, 0.0); ( 731521.4, 4052281.5, 69.3, 69.3, 0.0);
( 731521.4, 4052231.5, 69.7, 69.7, 0.0); ( 731521.4, 4052181.5, 70.0, 70.0, 0.0);
( 731471.4, 4052281.5, 69.4, 69.4, 0.0); ( 731471.4, 4052231.5, 69.7, 69.7, 0.0);
( 731471.4, 4052181.5, 70.0, 70.0, 0.0); ( 731421.4, 4052281.5, 69.5, 69.5, 0.0);
( 731421.4, 4052231.5, 69.8, 69.8, 0.0); ( 731421.4, 4052181.5, 70.1, 70.1, 0.0);
( 731371.4, 4052281.5, 69.6, 69.6, 0.0); ( 731371.4, 4052231.5, 69.9, 69.9, 0.0);
( 731371.4, 4052181.5, 70.2, 70.2, 0.0); ( 731321.4, 4052281.5, 69.7, 69.7, 0.0);
( 731321.4, 4052231.5, 69.9, 69.9, 0.0); ( 731321.4, 4052181.5, 70.2, 70.2, 0.0);
( 731271.4, 4052281.5, 69.7, 69.7, 0.0); ( 731271.4, 4052231.5, 69.9, 69.9, 0.0);
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 730570.0, 4052014.8, 71.5, 71.5, 0.0); ( 730570.0, 4051931.5, 72.0, 72.0, 0.0);
( 730471.4, 4052098.2, 71.2, 71.2, 0.0); ( 730471.4, 4052014.8, 71.4, 71.4, 0.0);
( 730471.4, 4051931.5, 72.0, 72.0, 0.0); ( 730638.1, 4052181.5, 70.8, 70.8, 0.0);
( 730638.1, 4052280.0, 70.3, 70.3, 0.0); ( 730638.1, 4052378.8, 69.8, 69.8, 0.0);
( 730638.1, 4052477.2, 69.8, 69.8, 0.0); ( 730638.1, 4052576.0, 69.6, 69.6, 0.0);
( 730638.1, 4052674.5, 69.3, 69.3, 0.0); ( 730638.1, 4052773.2, 69.0, 69.0, 0.0);
( 730638.1, 4052871.8, 68.7, 68.7, 0.0); ( 730638.1, 4052970.5, 68.5, 68.5, 0.0);
( 730638.1, 4053069.0, 68.2, 68.2, 0.0); ( 730638.1, 4053167.5, 68.0, 68.0, 0.0);
( 730638.1, 4053266.2, 67.8, 67.8, 0.0); ( 730638.1, 4053364.8, 67.5, 67.5, 0.0);
( 730638.1, 4053463.5, 67.3, 67.3, 0.0); ( 730638.1, 4053562.0, 67.1, 67.1, 0.0);
( 730638.1, 4053660.8, 66.9, 66.9, 0.0); ( 730638.1, 4053759.2, 66.7, 66.7, 0.0);
( 730638.1, 4053858.0, 66.5, 66.5, 0.0); ( 730638.1, 4053956.5, 66.4, 66.4, 0.0);
( 730638.1, 4054055.0, 66.2, 66.2, 0.0); ( 730638.1, 4054153.8, 66.1, 66.1, 0.0);
( 730638.1, 4054252.2, 66.0, 66.0, 0.0); ( 730638.1, 4054351.0, 65.8, 65.8, 0.0);
( 730638.1, 4054449.5, 65.8, 65.8, 0.0); ( 730638.1, 4054548.2, 65.7, 65.7, 0.0);
( 730638.1, 4054646.8, 65.6, 65.6, 0.0); ( 730638.1, 4054745.5, 65.5, 65.5, 0.0);
( 730638.1, 4054844.0, 65.5, 65.5, 0.0); ( 730638.1, 4054942.5, 65.5, 65.5, 0.0);
( 730638.1, 4055041.2, 65.5, 65.5, 0.0); ( 730638.1, 4055139.8, 65.6, 65.6, 0.0);

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(730638.1, 4055238.5,	65.6,	65.6,	0.0);	(730638.1, 4055337.0,	65.8,	65.8,	0.0);
(730638.1, 4055435.8,	65.8,	65.8,	0.0);	(730638.1, 4055534.2,	66.0,	66.0,	0.0);
(730638.1, 4055633.0,	66.0,	66.0,	0.0);	(730638.1, 4055731.5,	66.1,	66.1,	0.0);
(730554.7, 4052181.5,	70.8,	70.8,	0.0);	(730554.7, 4052280.0,	70.5,	70.5,	0.0);
(730554.7, 4052378.8,	70.3,	70.3,	0.0);	(730554.7, 4052477.2,	69.9,	69.9,	0.0);
(730554.7, 4052576.0,	69.7,	69.7,	0.0);	(730554.7, 4052674.5,	69.4,	69.4,	0.0);
(730554.7, 4052773.2,	69.1,	69.1,	0.0);	(730554.7, 4052871.8,	68.9,	68.9,	0.0);
(730554.7, 4052970.5,	68.6,	68.6,	0.0);	(730554.7, 4053069.0,	68.4,	68.4,	0.0);
(730554.7, 4053167.5,	68.1,	68.1,	0.0);	(730554.7, 4053266.2,	68.0,	68.0,	0.0);
(730554.7, 4053364.8,	67.7,	67.7,	0.0);	(730554.7, 4053463.5,	67.5,	67.5,	0.0);
(730554.7, 4053562.0,	67.3,	67.3,	0.0);	(730554.7, 4053660.8,	67.1,	67.1,	0.0);
(730554.7, 4053759.2,	66.9,	66.9,	0.0);	(730554.7, 4053858.0,	66.7,	66.7,	0.0);
(730554.7, 4053956.5,	66.5,	66.5,	0.0);	(730554.7, 4054055.0,	66.3,	66.3,	0.0);
(730554.7, 4054153.8,	66.2,	66.2,	0.0);	(730554.7, 4054252.2,	66.1,	66.1,	0.0);
(730554.7, 4054351.0,	66.0,	66.0,	0.0);	(730554.7, 4054449.5,	65.9,	65.9,	0.0);
(730554.7, 4054548.2,	65.8,	65.8,	0.0);	(730554.7, 4054646.8,	65.7,	65.7,	0.0);
(730554.7, 4054745.5,	65.8,	65.8,	0.0);	(730554.7, 4054844.0,	65.8,	65.8,	0.0);
(730554.7, 4054942.5,	65.8,	65.8,	0.0);	(730554.7, 4055041.2,	65.8,	65.8,	0.0);
(730554.7, 4055139.8,	65.8,	65.8,	0.0);	(730554.7, 4055238.5,	65.9,	65.9,	0.0);
(730554.7, 4055337.0,	66.0,	66.0,	0.0);	(730554.7, 4055435.8,	66.1,	66.1,	0.0);
(730554.7, 4055534.2,	66.2,	66.2,	0.0);	(730554.7, 4055633.0,	66.3,	66.3,	0.0);
(730554.7, 4055731.5,	66.4,	66.4,	0.0);	(730471.4, 4052181.5,	70.9,	70.9,	0.0);
(730471.4, 4052280.0,	70.6,	70.6,	0.0);	(730471.4, 4052378.8,	70.3,	70.3,	0.0);
(730471.4, 4052477.2,	70.1,	70.1,	0.0);	(730471.4, 4052576.0,	69.8,	69.8,	0.0);
(730471.4, 4052674.5,	69.5,	69.5,	0.0);	(730471.4, 4052773.2,	69.2,	69.2,	0.0);
(730471.4, 4052871.8,	69.0,	69.0,	0.0);	(730471.4, 4052970.5,	68.8,	68.8,	0.0);
(730471.4, 4053069.0,	68.5,	68.5,	0.0);	(730471.4, 4053167.5,	68.3,	68.3,	0.0);
(730471.4, 4053266.2,	68.1,	68.1,	0.0);	(730471.4, 4053364.8,	67.9,	67.9,	0.0);
(730471.4, 4053463.5,	67.7,	67.7,	0.0);	(730471.4, 4053562.0,	67.5,	67.5,	0.0);
(730471.4, 4053660.8,	67.3,	67.3,	0.0);	(730471.4, 4053759.2,	67.1,	67.1,	0.0);
(730471.4, 4053858.0,	66.9,	66.9,	0.0);	(730471.4, 4053956.5,	66.7,	66.7,	0.0);
(730471.4, 4054055.0,	66.5,	66.5,	0.0);	(730471.4, 4054153.8,	66.3,	66.3,	0.0);
(730471.4, 4054252.2,	66.2,	66.2,	0.0);	(730471.4, 4054351.0,	66.1,	66.1,	0.0);
(730471.4, 4054449.5,	66.0,	66.0,	0.0);	(730471.4, 4054548.2,	65.9,	65.9,	0.0);
(730471.4, 4054646.8,	65.9,	65.9,	0.0);	(730471.4, 4054745.5,	66.0,	66.0,	0.0);
(730471.4, 4054844.0,	66.0,	66.0,	0.0);	(730471.4, 4054942.5,	66.1,	66.1,	0.0);
(730471.4, 4055041.2,	66.0,	66.0,	0.0);	(730471.4, 4055139.8,	66.1,	66.1,	0.0);
(730471.4, 4055238.5,	66.1,	66.1,	0.0);	(730471.4, 4055337.0,	66.2,	66.2,	0.0);
(730471.4, 4055435.8,	66.3,	66.3,	0.0);	(730471.4, 4055534.2,	66.4,	66.4,	0.0);
(730471.4, 4055633.0,	66.5,	66.5,	0.0);	(730471.4, 4055731.5,	66.6,	66.6,	0.0);
(730471.4, 4055830.3,	66.8,	66.8,	0.0);	(730471.4, 4055928.8,	67.0,	67.0,	0.0);
(730710.2, 4055981.5,	66.1,	66.1,	0.0);	(730710.2, 4056231.5,	66.3,	66.3,	0.0);
(730949.1, 4055981.5,	65.5,	65.5,	0.0);	(730949.1, 4056231.5,	65.7,	65.7,	0.0);
(731188.1, 4055981.5,	64.9,	64.9,	0.0);	(731188.1, 4056231.5,	65.2,	65.2,	0.0);
(731426.9, 4055981.5,	64.4,	64.4,	0.0);	(731426.9, 4056231.5,	64.7,	64.7,	0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(731665.8, 4055981.5,	64.0,	64.0,	0.0);	(731665.8, 4056231.5,	64.2,	64.2,	0.0);
(731904.7, 4055981.5,	63.5,	63.5,	0.0);	(731904.7, 4056231.5,	63.7,	63.7,	0.0);
(732143.6, 4055981.5,	63.1,	63.1,	0.0);	(732143.6, 4056231.5,	63.3,	63.3,	0.0);
(732382.5, 4055981.5,	62.6,	62.6,	0.0);	(732382.5, 4056231.5,	62.8,	62.8,	0.0);
(732621.4, 4055981.5,	62.1,	62.1,	0.0);	(732621.4, 4056231.5,	62.2,	62.2,	0.0);
(732860.2, 4055981.5,	61.7,	61.7,	0.0);	(732860.2, 4056231.5,	61.7,	61.7,	0.0);
(733099.1, 4055981.5,	61.1,	61.1,	0.0);	(733099.1, 4056231.5,	61.1,	61.1,	0.0);
(733338.1, 4055981.5,	60.5,	60.5,	0.0);	(733338.1, 4056231.5,	60.5,	60.5,	0.0);
(733576.9, 4055981.5,	60.1,	60.1,	0.0);	(733576.9, 4056231.5,	60.1,	60.1,	0.0);
(733815.8, 4055981.5,	59.7,	59.7,	0.0);	(733815.8, 4056231.5,	59.7,	59.7,	0.0);
(734054.7, 4055981.5,	59.3,	59.3,	0.0);	(734054.7, 4056231.5,	59.2,	59.2,	0.0);
(734293.6, 4055981.5,	58.8,	58.8,	0.0);	(734293.6, 4056231.5,	58.8,	58.8,	0.0);
(734532.5, 4055981.5,	58.4,	58.4,	0.0);	(734532.5, 4056231.5,	58.3,	58.3,	0.0);
(734771.4, 4055981.5,	57.9,	57.9,	0.0);	(734771.4, 4056231.5,	57.8,	57.8,	0.0);
(734521.4, 4055731.5,	58.4,	58.4,	0.0);	(734521.4, 4055492.5,	58.5,	58.5,	0.0);
(734521.4, 4055253.8,	58.6,	58.6,	0.0);	(734521.4, 4055014.8,	58.8,	58.8,	0.0);
(734521.4, 4054776.0,	58.9,	58.9,	0.0);	(734521.4, 4054537.0,	59.1,	59.1,	0.0);
(734521.4, 4054298.2,	59.4,	59.4,	0.0);	(734521.4, 4054059.2,	59.6,	59.6,	0.0);
(734521.4, 4053820.5,	59.9,	59.9,	0.0);	(734521.4, 4053581.5,	60.1,	60.1,	0.0);
(734521.4, 4053342.5,	60.5,	60.5,	0.0);	(734521.4, 4053103.8,	60.9,	60.9,	0.0);
(734521.4, 4052864.8,	61.4,	61.4,	0.0);	(734521.4, 4052626.0,	62.0,	62.0,	0.0);
(734521.4, 4052387.0,	62.6,	62.6,	0.0);	(734521.4, 4052148.2,	63.2,	63.2,	0.0);
(734521.4, 4051909.2,	63.9,	63.9,	0.0);	(734521.4, 4051670.5,	64.6,	64.6,	0.0);
(734521.4, 4051431.5,	65.4,	65.4,	0.0);	(734771.4, 4055731.5,	58.0,	58.0,	0.0);
(734771.4, 4055492.5,	58.1,	58.1,	0.0);	(734771.4, 4055253.8,	58.3,	58.3,	0.0);
(734771.4, 4055014.8,	58.4,	58.4,	0.0);	(734771.4, 4054776.0,	58.5,	58.5,	0.0);
(734771.4, 4054537.0,	58.7,	58.7,	0.0);	(734771.4, 4054298.2,	59.0,	59.0,	0.0);
(734771.4, 4054059.2,	59.3,	59.3,	0.0);	(734771.4, 4053820.5,	59.5,	59.5,	0.0);
(734771.4, 4053581.5,	59.8,	59.8,	0.0);	(734771.4, 4053342.5,	60.1,	60.1,	0.0);
(734771.4, 4053103.8,	60.6,	60.6,	0.0);	(734771.4, 4052864.8,	61.1,	61.1,	0.0);
(734771.4, 4052626.0,	61.6,	61.6,	0.0);	(734771.4, 4052387.0,	62.2,	62.2,	0.0);
(734771.4, 4052148.2,	62.8,	62.8,	0.0);	(734771.4, 4051909.2,	63.4,	63.4,	0.0);
(734771.4, 4051670.5,	64.2,	64.2,	0.0);	(734771.4, 4051431.5,	65.0,	65.0,	0.0);
(734271.4, 4051681.5,	65.0,	65.0,	0.0);	(734271.4, 4051431.5,	65.9,	65.9,	0.0);
(734032.5, 4051681.5,	65.5,	65.5,	0.0);	(734032.5, 4051431.5,	66.5,	66.5,	0.0);
(733793.6, 4051681.5,	66.1,	66.1,	0.0);	(733793.6, 4051431.5,	67.0,	67.0,	0.0);
(733554.7, 4051681.5,	66.6,	66.6,	0.0);	(733554.7, 4051431.5,	67.5,	67.5,	0.0);
(733315.8, 4051681.5,	67.3,	67.3,	0.0);	(733315.8, 4051431.5,	68.4,	68.4,	0.0);
(733076.9, 4051681.5,	68.2,	68.2,	0.0);	(733076.9, 4051431.5,	69.5,	69.5,	0.0);
(732838.1, 4051681.5,	69.5,	69.5,	0.0);	(732838.1, 4051431.5,	70.5,	70.5,	0.0);
(732599.1, 4051681.5,	70.3,	70.3,	0.0);	(732599.1, 4051431.5,	71.5,	71.5,	0.0);
(732360.2, 4051681.5,	71.1,	71.1,	0.0);	(732360.2, 4051431.5,	72.5,	72.5,	0.0);
(732121.4, 4051681.5,	72.0,	72.0,	0.0);	(732121.4, 4051431.5,	73.1,	73.1,	0.0);
(731882.5, 4051681.5,	72.5,	72.5,	0.0);	(731882.5, 4051431.5,	73.6,	73.6,	0.0);
(731643.6, 4051681.5,	72.7,	72.7,	0.0);	(731643.6, 4051431.5,	73.9,	73.9,	0.0);

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 731404.7, 4051681.5, 72.7, 72.7, 0.0); ( 731404.7, 4051431.5, 74.0, 74.0, 0.0);
( 731165.8, 4051681.5, 72.5, 72.5, 0.0); ( 731165.8, 4051431.5, 74.0, 74.0, 0.0);
( 730926.9, 4051681.5, 72.9, 72.9, 0.0); ( 730926.9, 4051431.5, 74.1, 74.1, 0.0);
( 730688.1, 4051681.5, 73.0, 73.0, 0.0); ( 730688.1, 4051431.5, 74.2, 74.2, 0.0);
( 730449.1, 4051681.5, 72.8, 72.8, 0.0); ( 730449.1, 4051431.5, 74.2, 74.2, 0.0);
( 730210.2, 4051681.5, 73.1, 73.1, 0.0); ( 730210.2, 4051431.5, 74.3, 74.3, 0.0);
( 729971.4, 4051681.5, 73.3, 73.3, 0.0); ( 729971.4, 4051431.5, 74.4, 74.4, 0.0);
( 730221.4, 4051931.5, 72.2, 72.2, 0.0); ( 730221.4, 4052170.5, 71.2, 71.2, 0.0);
( 730221.4, 4052409.2, 70.5, 70.5, 0.0); ( 730221.4, 4052648.2, 69.9, 69.9, 0.0);
( 730221.4, 4052887.0, 69.3, 69.3, 0.0); ( 730221.4, 4053126.0, 68.8, 68.8, 0.0);
( 730221.4, 4053364.8, 68.3, 68.3, 0.0); ( 730221.4, 4053603.8, 67.9, 67.9, 0.0);
( 730221.4, 4053842.5, 67.4, 67.4, 0.0); ( 730221.4, 4054081.5, 67.0, 67.0, 0.0);
( 730221.4, 4054320.5, 66.7, 66.7, 0.0); ( 730221.4, 4054559.2, 66.3, 66.3, 0.0);
( 730221.4, 4054798.2, 66.4, 66.4, 0.0); ( 730221.4, 4055037.0, 66.6, 66.6, 0.0);
( 730221.4, 4055276.0, 66.7, 66.7, 0.0); ( 730221.4, 4055514.8, 67.1, 67.1, 0.0);
( 730221.4, 4055753.8, 67.4, 67.4, 0.0); ( 730221.4, 4055992.5, 67.6, 67.6, 0.0);
( 730221.4, 4056231.5, 67.8, 67.8, 0.0); ( 729971.4, 4051931.5, 72.3, 72.3, 0.0);
( 729971.4, 4052170.5, 71.5, 71.5, 0.0); ( 729971.4, 4052409.2, 70.8, 70.8, 0.0);
( 729971.4, 4052648.2, 70.2, 70.2, 0.0); ( 729971.4, 4052887.0, 69.7, 69.7, 0.0);
( 729971.4, 4053126.0, 69.2, 69.2, 0.0); ( 729971.4, 4053364.8, 68.8, 68.8, 0.0);
( 729971.4, 4053603.8, 68.4, 68.4, 0.0); ( 729971.4, 4053842.5, 67.9, 67.9, 0.0);
( 729971.4, 4054081.5, 67.6, 67.6, 0.0); ( 729971.4, 4054320.5, 67.3, 67.3, 0.0);
( 729971.4, 4054559.2, 67.2, 67.2, 0.0); ( 729971.4, 4054798.2, 67.2, 67.2, 0.0);
( 729971.4, 4055037.0, 67.5, 67.5, 0.0); ( 729971.4, 4055276.0, 67.7, 67.7, 0.0);
( 729971.4, 4055514.8, 68.0, 68.0, 0.0); ( 729971.4, 4055753.8, 68.2, 68.2, 0.0);
( 729971.4, 4055992.5, 68.4, 68.4, 0.0); ( 729971.4, 4056231.5, 68.7, 68.7, 0.0);
( 729971.4, 4056731.5, 69.0, 69.0, 0.0); ( 729971.4, 4057231.5, 69.5, 69.5, 0.0);
( 730454.7, 4056731.5, 67.6, 67.6, 0.0); ( 730454.7, 4057231.5, 67.9, 67.9, 0.0);
( 730938.1, 4056731.5, 66.1, 66.1, 0.0); ( 730938.1, 4057231.5, 66.3, 66.3, 0.0);
( 731421.4, 4056731.5, 65.0, 65.0, 0.0); ( 731421.4, 4057231.5, 65.3, 65.3, 0.0);
( 731904.7, 4056731.5, 63.8, 63.8, 0.0); ( 731904.7, 4057231.5, 63.8, 63.8, 0.0);
( 732388.1, 4056731.5, 63.0, 63.0, 0.0); ( 732388.1, 4057231.5, 63.2, 63.2, 0.0);
( 732871.4, 4056731.5, 61.7, 61.7, 0.0); ( 732871.4, 4057231.5, 61.8, 61.8, 0.0);
( 733354.7, 4056731.5, 60.6, 60.6, 0.0); ( 733354.7, 4057231.5, 60.4, 60.4, 0.0);
( 733838.1, 4056731.5, 59.6, 59.6, 0.0); ( 733838.1, 4057231.5, 59.5, 59.5, 0.0);
( 734321.4, 4056731.5, 58.9, 58.9, 0.0); ( 734321.4, 4057231.5, 58.6, 58.6, 0.0);
( 734804.7, 4056731.5, 57.8, 57.8, 0.0); ( 734804.7, 4057231.5, 57.7, 57.7, 0.0);
( 735288.1, 4056731.5, 56.6, 56.6, 0.0); ( 735288.1, 4057231.5, 56.9, 56.9, 0.0);
( 735771.4, 4056731.5, 55.5, 55.5, 0.0); ( 735771.4, 4057231.5, 56.0, 56.0, 0.0);
( 735271.4, 4056231.5, 56.8, 56.8, 0.0); ( 735271.4, 4055748.2, 57.2, 57.2, 0.0);
( 735271.4, 4055264.8, 57.6, 57.6, 0.0); ( 735271.4, 4054781.5, 58.0, 58.0, 0.0);
( 735271.4, 4054298.2, 58.4, 58.4, 0.0); ( 735271.4, 4053814.8, 58.7, 58.7, 0.0);
( 735271.4, 4053331.5, 59.5, 59.5, 0.0); ( 735271.4, 4052848.2, 60.5, 60.5, 0.0);
( 735271.4, 4052364.8, 61.6, 61.6, 0.0); ( 735271.4, 4051881.5, 63.0, 63.0, 0.0);
( 735271.4, 4051398.2, 64.5, 64.5, 0.0); ( 735271.4, 4050914.8, 66.2, 66.2, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 103
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 735271.4, 4050431.5, 68.8, 68.8, 0.0); ( 735771.4, 4056231.5, 55.6, 55.6, 0.0);
( 735771.4, 4055748.2, 56.3, 56.3, 0.0); ( 735771.4, 4055264.8, 57.0, 57.0, 0.0);
( 735771.4, 4054781.5, 57.4, 57.4, 0.0); ( 735771.4, 4054298.2, 57.7, 57.7, 0.0);
( 735771.4, 4053814.8, 58.1, 58.1, 0.0); ( 735771.4, 4053331.5, 58.9, 58.9, 0.0);
( 735771.4, 4052848.2, 59.8, 59.8, 0.0); ( 735771.4, 4052364.8, 61.0, 61.0, 0.0);
( 735771.4, 4051881.5, 62.3, 62.3, 0.0); ( 735771.4, 4051398.2, 63.8, 63.8, 0.0);
( 735771.4, 4050914.8, 65.6, 65.6, 0.0); ( 735771.4, 4050431.5, 67.7, 67.7, 0.0);
( 734771.4, 4050931.5, 67.0, 67.0, 0.0); ( 734771.4, 4050431.5, 69.5, 69.5, 0.0);
( 734288.1, 4050931.5, 67.8, 67.8, 0.0); ( 734288.1, 4050431.5, 70.9, 70.9, 0.0);
( 733804.7, 4050931.5, 69.0, 69.0, 0.0); ( 733804.7, 4050431.5, 72.2, 72.2, 0.0);
( 733321.4, 4050931.5, 71.0, 71.0, 0.0); ( 733321.4, 4050431.5, 73.8, 73.8, 0.0);
( 732838.1, 4050931.5, 73.2, 73.2, 0.0); ( 732838.1, 4050431.5, 75.6, 75.6, 0.0);
( 732354.7, 4050931.5, 74.6, 74.6, 0.0); ( 732354.7, 4050431.5, 77.4, 77.4, 0.0);
( 731871.4, 4050931.5, 76.0, 76.0, 0.0); ( 731871.4, 4050431.5, 78.6, 78.6, 0.0);
( 731388.1, 4050931.5, 76.8, 76.8, 0.0); ( 731388.1, 4050431.5, 80.0, 80.0, 0.0);
( 730904.7, 4050931.5, 77.3, 77.3, 0.0); ( 730904.7, 4050431.5, 80.8, 80.8, 0.0);
( 730421.4, 4050931.5, 76.9, 76.9, 0.0); ( 730421.4, 4050431.5, 80.1, 80.1, 0.0);
( 729938.1, 4050931.5, 77.3, 77.3, 0.0); ( 729938.1, 4050431.5, 80.4, 80.4, 0.0);
( 729454.7, 4050931.5, 77.3, 77.3, 0.0); ( 729454.7, 4050431.5, 80.8, 80.8, 0.0);
( 728971.4, 4050931.5, 78.3, 78.3, 0.0); ( 728971.4, 4050431.5, 81.8, 81.8, 0.0);
( 729471.4, 4051431.5, 74.9, 74.9, 0.0); ( 729471.4, 4051914.8, 73.0, 73.0, 0.0);
( 729471.4, 4052398.2, 71.8, 71.8, 0.0); ( 729471.4, 4052881.5, 70.8, 70.8, 0.0);
( 729471.4, 4053364.8, 69.9, 69.9, 0.0); ( 729471.4, 4053848.2, 69.2, 69.2, 0.0);
( 729471.4, 4054331.5, 68.8, 68.8, 0.0); ( 729471.4, 4054814.8, 69.0, 69.0, 0.0);
( 729471.4, 4055298.2, 69.5, 69.5, 0.0); ( 729471.4, 4055781.5, 69.8, 69.8, 0.0);
( 729471.4, 4056264.8, 70.2, 70.2, 0.0); ( 729471.4, 4056748.2, 70.5, 70.5, 0.0);
( 729471.4, 4057231.5, 70.9, 70.9, 0.0); ( 728971.4, 4051431.5, 76.3, 76.3, 0.0);
( 728971.4, 4051914.8, 74.8, 74.8, 0.0); ( 728971.4, 4052398.2, 73.4, 73.4, 0.0);
( 728971.4, 4052881.5, 72.4, 72.4, 0.0); ( 728971.4, 4053364.8, 71.8, 71.8, 0.0);
( 728971.4, 4053848.2, 71.1, 71.1, 0.0); ( 728971.4, 4054331.5, 70.6, 70.6, 0.0);
( 728971.4, 4054814.8, 70.6, 70.6, 0.0); ( 728971.4, 4055298.2, 71.0, 71.0, 0.0);
( 728971.4, 4055781.5, 71.4, 71.4, 0.0); ( 728971.4, 4056264.8, 71.7, 71.7, 0.0);
( 728971.4, 4056748.2, 72.2, 72.2, 0.0); ( 728971.4, 4057231.5, 73.0, 73.0, 0.0);
( 731642.4, 4052755.4, 67.1, 67.1, 0.0); ( 731665.9, 4052756.4, 67.1, 67.1, 0.0);
( 731689.3, 4052757.3, 67.0, 67.0, 0.0); ( 731712.7, 4052758.3, 67.0, 67.0, 0.0);
( 731736.2, 4052759.3, 66.9, 66.9, 0.0); ( 731759.6, 4052760.3, 66.8, 66.8, 0.0);
( 731783.1, 4052761.2, 66.8, 66.8, 0.0); ( 731961.1, 4052429.3, 67.9, 67.9, 0.0);
( 731937.5, 4052428.3, 67.9, 67.9, 0.0); ( 731913.9, 4052427.3, 67.9, 67.9, 0.0);
( 731890.3, 4052426.3, 67.9, 67.9, 0.0); ( 731866.7, 4052425.4, 67.9, 67.9, 0.0);
( 731843.2, 4052424.4, 67.9, 67.9, 0.0); ( 731819.6, 4052423.4, 67.9, 67.9, 0.0);
( 731642.4, 4052755.4, 67.1, 67.1, 0.0); ( 731665.9, 4052756.4, 67.1, 67.1, 0.0);
( 731689.3, 4052757.3, 67.0, 67.0, 0.0); ( 731712.7, 4052758.3, 67.0, 67.0, 0.0);
( 731736.2, 4052759.3, 66.9, 66.9, 0.0); ( 731759.6, 4052760.3, 66.8, 66.8, 0.0);
( 731783.1, 4052761.2, 66.8, 66.8, 0.0); ( 731961.1, 4052429.3, 67.9, 67.9, 0.0);
( 731937.5, 4052428.3, 67.9, 67.9, 0.0); ( 731913.9, 4052427.3, 67.9, 67.9, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 104
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 731890.3, 4052426.3, 67.9, 67.9, 0.0); ( 731866.7, 4052425.4, 67.9, 67.9, 0.0);
( 731843.2, 4052424.4, 67.9, 67.9, 0.0); ( 731819.6, 4052423.4, 67.9, 67.9, 0.0);
( 731886.9, 4054769.3, 64.7, 64.7, 0.0); ( 731900.3, 4054798.9, 62.9, 62.9, 0.0);
( 731929.7, 4054094.7, 63.2, 63.2, 0.0); ( 731216.1, 4054065.5, 64.9, 64.9, 0.0);
( 731211.5, 4054770.4, 64.6, 64.6, 0.0); ( 731236.1, 4054771.4, 64.6, 64.6, 0.0);
( 731260.7, 4054772.4, 64.5, 64.5, 0.0); ( 731285.3, 4054773.4, 64.4, 64.4, 0.0);
( 731309.9, 4054774.4, 64.2, 64.2, 0.0); ( 731334.5, 4054775.4, 64.2, 64.2, 0.0);

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( 731359.1, 4054776.5, 64.1, 64.1, 0.0); ( 731383.7, 4054777.5, 64.0, 64.0, 0.0);
( 731408.3, 4054778.5, 63.8, 63.8, 0.0); ( 731432.9, 4054779.5, 63.8, 63.8, 0.0);
( 731457.5, 4054780.5, 63.6, 63.6, 0.0); ( 731482.1, 4054781.6, 63.6, 63.6, 0.0);
( 731506.7, 4054782.6, 63.5, 63.5, 0.0); ( 731531.3, 4054783.6, 63.5, 63.5, 0.0);
( 731555.9, 4054784.6, 63.4, 63.4, 0.0); ( 731580.5, 4054785.6, 63.3, 63.3, 0.0);
( 731605.1, 4054786.7, 63.3, 63.3, 0.0); ( 731629.7, 4054787.7, 63.2, 63.2, 0.0);
( 731654.3, 4054788.7, 63.2, 63.2, 0.0); ( 731678.9, 4054789.7, 63.2, 63.2, 0.0);
( 731703.5, 4054790.7, 63.1, 63.1, 0.0); ( 731728.1, 4054791.8, 63.1, 63.1, 0.0);
( 731752.7, 4054792.8, 63.1, 63.1, 0.0); ( 731777.3, 4054793.8, 63.1, 63.1, 0.0);
( 731801.9, 4054794.8, 63.0, 63.0, 0.0); ( 731826.5, 4054795.8, 63.0, 63.0, 0.0);
( 731851.1, 4054796.8, 63.0, 63.0, 0.0); ( 731875.7, 4054797.9, 62.9, 62.9, 0.0);
( 731901.3, 4054774.6, 62.9, 62.9, 0.0); ( 731902.3, 4054750.3, 62.9, 62.9, 0.0);
( 731903.3, 4054726.0, 62.9, 62.9, 0.0); ( 731904.4, 4054701.8, 62.9, 62.9, 0.0);
( 731905.4, 4054677.5, 62.9, 62.9, 0.0); ( 731906.4, 4054653.2, 62.9, 62.9, 0.0);
( 731907.4, 4054628.9, 62.9, 62.9, 0.0); ( 731908.4, 4054604.6, 62.9, 62.9, 0.0);
( 731909.4, 4054580.3, 63.0, 63.0, 0.0); ( 731910.4, 4054556.0, 63.0, 63.0, 0.0);
( 731911.5, 4054531.8, 63.0, 63.0, 0.0); ( 731912.5, 4054507.5, 63.0, 63.0, 0.0);
( 731913.5, 4054483.2, 63.0, 63.0, 0.0); ( 731914.5, 4054458.9, 63.0, 63.0, 0.0);
( 731915.5, 4054434.6, 63.0, 63.0, 0.0); ( 731916.5, 4054410.3, 63.0, 63.0, 0.0);
( 731917.6, 4054386.1, 63.0, 63.0, 0.0); ( 731918.6, 4054361.8, 63.1, 63.1, 0.0);
( 731919.6, 4054337.5, 63.1, 63.1, 0.0); ( 731920.6, 4054313.2, 63.1, 63.1, 0.0);
( 731921.6, 4054288.9, 63.1, 63.1, 0.0); ( 731922.6, 4054264.6, 63.1, 63.1, 0.0);
( 731923.6, 4054240.4, 63.1, 63.1, 0.0); ( 731924.7, 4054216.1, 63.2, 63.2, 0.0);
( 731925.7, 4054191.8, 63.2, 63.2, 0.0); ( 731926.7, 4054167.5, 63.2, 63.2, 0.0);
( 731927.7, 4054143.2, 63.2, 63.2, 0.0); ( 731928.7, 4054118.9, 63.2, 63.2, 0.0);
( 731905.1, 4054093.6, 63.3, 63.3, 0.0); ( 731880.5, 4054092.6, 63.4, 63.4, 0.0);
( 731855.9, 4054091.6, 63.5, 63.5, 0.0); ( 731831.3, 4054090.6, 63.7, 63.7, 0.0);
( 731806.7, 4054089.6, 63.8, 63.8, 0.0); ( 731782.1, 4054088.6, 64.0, 64.0, 0.0);
( 731757.5, 4054087.6, 64.1, 64.1, 0.0); ( 731732.9, 4054086.6, 64.2, 64.2, 0.0);
( 731708.2, 4054085.6, 64.3, 64.3, 0.0); ( 731683.6, 4054084.6, 64.4, 64.4, 0.0);
( 731659.0, 4054083.6, 64.5, 64.5, 0.0); ( 731634.4, 4054082.6, 64.5, 64.5, 0.0);
( 731609.8, 4054081.6, 64.5, 64.5, 0.0); ( 731585.2, 4054080.6, 64.5, 64.5, 0.0);
( 731560.6, 4054079.6, 64.5, 64.5, 0.0); ( 731536.0, 4054078.6, 64.6, 64.6, 0.0);
( 731511.4, 4054077.6, 64.6, 64.6, 0.0); ( 731486.8, 4054076.5, 64.6, 64.6, 0.0);
( 731462.2, 4054075.5, 64.5, 64.5, 0.0); ( 731437.6, 4054074.5, 64.5, 64.5, 0.0);
( 731413.0, 4054073.5, 64.6, 64.6, 0.0); ( 731388.4, 4054072.5, 64.6, 64.6, 0.0);
( 731363.8, 4054071.5, 64.6, 64.6, 0.0); ( 731339.1, 4054070.5, 64.7, 64.7, 0.0);
( 731314.5, 4054069.5, 64.7, 64.7, 0.0); ( 731289.9, 4054068.5, 64.8, 64.8, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** 23:30:46 ***
*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 105

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 731265.3, 4054067.5, 64.8, 64.8, 0.0); ( 731240.7, 4054066.5, 64.9, 64.9, 0.0);
( 731215.1, 4054089.8, 64.9, 64.9, 0.0); ( 731214.1, 4054114.0, 64.9, 64.9, 0.0);
( 731213.1, 4054138.3, 64.9, 64.9, 0.0); ( 731212.1, 4054162.6, 64.9, 64.9, 0.0);
( 731211.1, 4054186.8, 64.8, 64.8, 0.0); ( 731210.1, 4054211.1, 64.8, 64.8, 0.0);
( 731209.1, 4054235.4, 64.8, 64.8, 0.0); ( 731208.0, 4054259.7, 64.8, 64.8, 0.0);
( 731207.0, 4054283.9, 64.7, 64.7, 0.0); ( 731206.0, 4054308.2, 64.7, 64.7, 0.0);
( 731205.0, 4054332.5, 64.7, 64.7, 0.0); ( 731204.0, 4054356.7, 64.7, 64.7, 0.0);
( 731203.0, 4054381.0, 64.7, 64.7, 0.0); ( 731202.0, 4054405.3, 64.7, 64.7, 0.0);
( 731201.0, 4054429.5, 64.7, 64.7, 0.0); ( 731200.0, 4054453.8, 64.7, 64.7, 0.0);
( 731199.0, 4054478.1, 64.7, 64.7, 0.0); ( 731198.0, 4054502.4, 64.7, 64.7, 0.0);
( 731197.0, 4054526.6, 64.7, 64.7, 0.0); ( 731196.0, 4054550.9, 64.7, 64.7, 0.0);
( 731195.0, 4054575.2, 64.7, 64.7, 0.0); ( 731194.0, 4054599.4, 64.7, 64.7, 0.0);
( 731192.9, 4054623.7, 64.7, 64.7, 0.0); ( 731191.9, 4054668.0, 64.7, 64.7, 0.0);
( 731190.9, 4054672.3, 64.7, 64.7, 0.0); ( 731189.9, 4054696.5, 64.7, 64.7, 0.0);
( 731188.9, 4054720.8, 64.7, 64.7, 0.0); ( 731187.9, 4054745.1, 64.7, 64.7, 0.0);
( 731194.3, 4055189.3, 62.9, 62.9, 0.0); ( 733338.6, 4055256.6, 60.6, 60.6, 0.0);
( 733353.2, 4055248.3, 60.6, 60.6, 0.0); ( 733468.4, 4055248.7, 60.3, 60.3, 0.0);
( 733489.8, 4055033.3, 60.5, 60.5, 0.0); ( 733500.4, 4054801.9, 60.6, 60.6, 0.0);
( 733510.2, 4054233.6, 61.0, 61.0, 0.0); ( 733496.8, 4054123.8, 61.1, 61.1, 0.0);
( 732005.0, 4054061.7, 63.2, 63.2, 0.0); ( 731983.7, 4054169.3, 63.1, 63.1, 0.0);
( 731948.0, 4054949.2, 62.8, 62.8, 0.0); ( 731968.6, 4055190.5, 62.9, 62.9, 0.0);
( 731993.5, 4055191.7, 62.8, 62.8, 0.0); ( 732018.4, 4055192.9, 62.8, 62.8, 0.0);
( 732043.3, 4055194.1, 62.7, 62.7, 0.0); ( 732068.2, 4055195.3, 62.7, 62.7, 0.0);
( 732093.1, 4055196.5, 62.7, 62.7, 0.0); ( 732118.1, 4055197.8, 62.6, 62.6, 0.0);
( 732143.0, 4055198.9, 62.6, 62.6, 0.0); ( 732167.9, 4055200.1, 62.5, 62.5, 0.0);
( 732192.8, 4055201.3, 62.5, 62.5, 0.0); ( 732217.7, 4055202.5, 62.4, 62.4, 0.0);
( 732242.6, 4055203.8, 62.4, 62.4, 0.0); ( 732267.5, 4055204.9, 62.3, 62.3, 0.0);
( 732292.4, 4055206.1, 62.3, 62.3, 0.0); ( 732317.3, 4055207.3, 62.2, 62.2, 0.0);
( 732342.2, 4055208.5, 62.2, 62.2, 0.0); ( 732367.1, 4055209.8, 62.2, 62.2, 0.0);
( 732392.0, 4055210.9, 62.1, 62.1, 0.0); ( 732417.0, 4055212.1, 62.1, 62.1, 0.0);
( 732441.9, 4055213.3, 62.0, 62.0, 0.0); ( 732466.8, 4055214.6, 62.0, 62.0, 0.0);
( 732491.7, 4055215.8, 61.9, 61.9, 0.0); ( 732516.6, 4055217.0, 61.9, 61.9, 0.0);
( 732541.5, 4055218.2, 61.8, 61.8, 0.0); ( 732566.4, 4055219.4, 61.8, 61.8, 0.0);
( 732591.3, 4055220.6, 61.7, 61.7, 0.0); ( 732616.2, 4055221.8, 61.7, 61.7, 0.0);
( 732641.1, 4055223.0, 61.7, 61.7, 0.0); ( 732666.0, 4055224.2, 61.6, 61.6, 0.0);
( 732691.0, 4055225.4, 61.6, 61.6, 0.0); ( 732715.9, 4055226.6, 61.6, 61.6, 0.0);
( 732740.8, 4055227.8, 61.5, 61.5, 0.0); ( 732765.7, 4055229.0, 61.5, 61.5, 0.0);
( 732790.6, 4055230.2, 61.5, 61.5, 0.0); ( 732815.5, 4055231.4, 61.4, 61.4, 0.0);
( 732840.4, 4055232.6, 61.4, 61.4, 0.0); ( 732865.3, 4055233.8, 61.4, 61.4, 0.0);
( 732890.2, 4055235.0, 61.3, 61.3, 0.0); ( 732915.1, 4055236.2, 61.3, 61.3, 0.0);
( 732940.0, 4055237.4, 61.2, 61.2, 0.0); ( 732964.9, 4055238.6, 61.2, 61.2, 0.0);
( 732989.9, 4055239.8, 61.2, 61.2, 0.0); ( 733014.8, 4055241.0, 61.1, 61.1, 0.0);
( 733039.7, 4055242.2, 61.1, 61.1, 0.0); ( 733064.6, 4055243.4, 61.1, 61.1, 0.0);
( 733089.5, 4055244.6, 61.0, 61.0, 0.0); ( 733114.4, 4055245.8, 61.0, 61.0, 0.0);
( 733139.3, 4055247.0, 60.9, 60.9, 0.0); ( 733164.2, 4055248.2, 60.9, 60.9, 0.0);

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** 23:30:46 ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 733189.1, 4055249.4, 60.8, 60.8, 0.0); ( 733214.0, 4055250.6, 60.8, 60.8, 0.0);
( 733238.9, 4055251.8, 60.8, 60.8, 0.0); ( 733263.8, 4055253.0, 60.7, 60.7, 0.0);
( 733288.8, 4055254.2, 60.7, 60.7, 0.0); ( 733313.7, 4055255.4, 60.6, 60.6, 0.0);
( 733376.3, 4055248.4, 60.5, 60.5, 0.0); ( 733399.3, 4055248.5, 60.5, 60.5, 0.0);
( 733422.4, 4055248.5, 60.4, 60.4, 0.0); ( 733445.4, 4055248.6, 60.4, 60.4, 0.0);
( 733470.8, 4055224.8, 60.4, 60.4, 0.0); ( 733473.2, 4055200.8, 60.4, 60.4, 0.0);
( 733475.6, 4055176.9, 60.4, 60.4, 0.0); ( 733478.0, 4055153.0, 60.4, 60.4, 0.0);
( 733480.3, 4055129.0, 60.4, 60.4, 0.0); ( 733482.7, 4055105.1, 60.5, 60.5, 0.0);
( 733485.1, 4055081.2, 60.4, 60.4, 0.0); ( 733487.5, 4055057.2, 60.5, 60.5, 0.0);
( 733490.9, 4055010.2, 60.5, 60.5, 0.0); ( 733491.9, 4054987.0, 60.5, 60.5, 0.0);
( 733493.0, 4054963.9, 60.5, 60.5, 0.0); ( 733494.1, 4054940.7, 60.5, 60.5, 0.0);
( 733495.1, 4054917.6, 60.5, 60.5, 0.0); ( 733496.2, 4054894.5, 60.5, 60.5, 0.0);
( 733497.2, 4054871.3, 60.5, 60.5, 0.0); ( 733498.3, 4054848.2, 60.5, 60.5, 0.0);
( 733499.3, 4054825.0, 60.6, 60.6, 0.0); ( 733500.8, 4054777.2, 60.6, 60.6, 0.0);

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(733501.2, 4054752.5,	60.6,	60.6,	0.0);	(733501.6, 4054727.8,	60.6,	60.6,	0.0);
(733502.1, 4054703.1,	60.6,	60.6,	0.0);	(733502.5, 4054678.3,	60.6,	60.6,	0.0);
(733502.9, 4054653.6,	60.7,	60.7,	0.0);	(733503.3, 4054628.9,	60.7,	60.7,	0.0);
(733503.8, 4054604.2,	60.7,	60.7,	0.0);	(733504.2, 4054579.5,	60.7,	60.7,	0.0);
(733504.6, 4054554.8,	60.7,	60.7,	0.0);	(733505.1, 4054530.1,	60.7,	60.7,	0.0);
(733505.5, 4054505.4,	60.8,	60.8,	0.0);	(733505.9, 4054480.7,	60.8,	60.8,	0.0);
(733506.3, 4054456.0,	60.8,	60.8,	0.0);	(733506.8, 4054431.3,	60.8,	60.8,	0.0);
(733507.2, 4054406.6,	60.8,	60.8,	0.0);	(733507.6, 4054381.9,	60.8,	60.8,	0.0);
(733508.0, 4054357.2,	60.9,	60.9,	0.0);	(733508.5, 4054332.5,	60.9,	60.9,	0.0);
(733508.9, 4054307.8,	60.9,	60.9,	0.0);	(733509.3, 4054283.0,	60.9,	60.9,	0.0);
(733509.7, 4054258.3,	60.9,	60.9,	0.0);	(733507.5, 4054211.7,	61.0,	61.0,	0.0);
(733504.8, 4054189.7,	61.0,	61.0,	0.0);	(733502.1, 4054167.7,	61.1,	61.1,	0.0);
(733499.5, 4054145.8,	61.1,	61.1,	0.0);	(733471.9, 4054122.8,	61.1,	61.1,	0.0);
(733447.0, 4054121.7,	61.2,	61.2,	0.0);	(733422.2, 4054120.7,	61.2,	61.2,	0.0);
(733397.3, 4054119.6,	61.2,	61.2,	0.0);	(733372.5, 4054118.6,	61.3,	61.3,	0.0);
(733347.6, 4054117.6,	61.3,	61.3,	0.0);	(733322.7, 4054116.5,	61.3,	61.3,	0.0);
(733297.9, 4054115.5,	61.4,	61.4,	0.0);	(733273.0, 4054114.5,	61.4,	61.4,	0.0);
(733248.1, 4054113.4,	61.4,	61.4,	0.0);	(733223.3, 4054112.4,	61.5,	61.5,	0.0);
(733198.4, 4054111.4,	61.5,	61.5,	0.0);	(733173.6, 4054110.3,	61.6,	61.6,	0.0);
(733148.7, 4054109.3,	61.6,	61.6,	0.0);	(733123.8, 4054108.3,	61.6,	61.6,	0.0);
(733099.0, 4054107.2,	61.7,	61.7,	0.0);	(733074.1, 4054106.2,	61.7,	61.7,	0.0);
(733049.2, 4054105.2,	61.7,	61.7,	0.0);	(733024.4, 4054104.1,	61.8,	61.8,	0.0);
(732999.5, 4054103.1,	61.8,	61.8,	0.0);	(732974.6, 4054102.0,	61.8,	61.8,	0.0);
(732949.8, 4054101.0,	61.9,	61.9,	0.0);	(732924.9, 4054100.0,	61.9,	61.9,	0.0);
(732900.1, 4054098.9,	61.9,	61.9,	0.0);	(732875.2, 4054097.9,	62.0,	62.0,	0.0);
(732850.3, 4054096.9,	62.0,	62.0,	0.0);	(732825.5, 4054095.8,	62.1,	62.1,	0.0);
(732800.6, 4054094.8,	62.1,	62.1,	0.0);	(732775.7, 4054093.8,	62.1,	62.1,	0.0);
(732750.9, 4054092.7,	62.2,	62.2,	0.0);	(732726.0, 4054091.7,	62.2,	62.2,	0.0);
(732701.2, 4054090.7,	62.2,	62.2,	0.0);	(732676.3, 4054089.6,	62.3,	62.3,	0.0);
(732651.4, 4054088.6,	62.3,	62.3,	0.0);	(732626.6, 4054087.6,	62.3,	62.3,	0.0);
(732601.7, 4054086.5,	62.4,	62.4,	0.0);	(732576.8, 4054085.5,	62.4,	62.4,	0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(732552.0, 4054084.5,	62.4,	62.4,	0.0);	(732527.1, 4054083.4,	62.4,	62.4,	0.0);
(732502.2, 4054082.4,	62.5,	62.5,	0.0);	(732477.4, 4054081.4,	62.5,	62.5,	0.0);
(732452.5, 4054080.3,	62.6,	62.6,	0.0);	(732427.7, 4054079.3,	62.6,	62.6,	0.0);
(732402.8, 4054078.2,	62.6,	62.6,	0.0);	(732377.9, 4054077.2,	62.7,	62.7,	0.0);
(732353.1, 4054076.2,	62.7,	62.7,	0.0);	(732328.2, 4054075.1,	62.7,	62.7,	0.0);
(732303.3, 4054074.1,	62.8,	62.8,	0.0);	(732278.5, 4054073.1,	62.8,	62.8,	0.0);
(732253.6, 4054072.0,	62.8,	62.8,	0.0);	(732228.8, 4054071.0,	62.9,	62.9,	0.0);
(732203.9, 4054070.0,	62.9,	62.9,	0.0);	(732179.0, 4054068.9,	62.9,	62.9,	0.0);
(732154.2, 4054067.9,	63.0,	63.0,	0.0);	(732129.3, 4054066.9,	63.0,	63.0,	0.0);
(732104.4, 4054065.8,	63.1,	63.1,	0.0);	(732079.6, 4054064.8,	63.1,	63.1,	0.0);
(732054.7, 4054063.8,	63.1,	63.1,	0.0);	(732029.8, 4054062.7,	63.2,	63.2,	0.0);
(732000.7, 4054061.7,	63.2,	63.2,	0.0);	(731979.5, 4054060.7,	63.2,	63.2,	0.0);
(731992.2, 4054126.3,	63.1,	63.1,	0.0);	(731988.0, 4054147.8,	63.1,	63.1,	0.0);
(731982.6, 4054193.7,	63.1,	63.1,	0.0);	(731981.5, 4054218.0,	63.1,	63.1,	0.0);
(731980.4, 4054242.4,	63.1,	63.1,	0.0);	(731979.3, 4054266.8,	63.0,	63.0,	0.0);
(731978.2, 4054291.2,	63.0,	63.0,	0.0);	(731977.0, 4054315.5,	63.0,	63.0,	0.0);
(731975.9, 4054339.9,	63.0,	63.0,	0.0);	(731974.8, 4054364.3,	63.0,	63.0,	0.0);
(731973.7, 4054388.6,	63.0,	63.0,	0.0);	(731972.6, 4054413.0,	63.0,	63.0,	0.0);
(731971.5, 4054437.4,	63.0,	63.0,	0.0);	(731970.4, 4054461.8,	62.9,	62.9,	0.0);
(731969.2, 4054486.1,	62.9,	62.9,	0.0);	(731968.1, 4054510.5,	62.9,	62.9,	0.0);
(731967.0, 4054534.9,	62.9,	62.9,	0.0);	(731965.9, 4054559.2,	62.9,	62.9,	0.0);
(731964.8, 4054583.6,	62.9,	62.9,	0.0);	(731963.7, 4054608.0,	62.9,	62.9,	0.0);
(731962.5, 4054632.3,	62.9,	62.9,	0.0);	(731961.4, 4054656.7,	62.9,	62.9,	0.0);
(731960.3, 4054681.1,	62.8,	62.8,	0.0);	(731959.2, 4054705.5,	62.8,	62.8,	0.0);
(731958.1, 4054729.8,	62.8,	62.8,	0.0);	(731957.0, 4054754.2,	62.8,	62.8,	0.0);
(731955.9, 4054778.6,	62.8,	62.8,	0.0);	(731954.7, 4054802.9,	62.8,	62.8,	0.0);
(731953.6, 4054827.3,	62.8,	62.8,	0.0);	(731952.5, 4054851.7,	62.8,	62.8,	0.0);
(731951.4, 4054876.1,	62.8,	62.8,	0.0);	(731950.3, 4054900.4,	62.8,	62.8,	0.0);
(731949.2, 4054924.8,	62.8,	62.8,	0.0);	(731947.6, 4054949.2,	62.8,	62.8,	0.0);
(731947.2, 4054973.2,	62.8,	62.8,	0.0);	(731946.7, 4055002.2,	62.8,	62.8,	0.0);
(731946.3, 4055045.2,	62.8,	62.8,	0.0);	(731945.9, 4055069.3,	62.9,	62.9,	0.0);
(731945.4, 4055093.3,	62.9,	62.9,	0.0);	(731945.0, 4055117.3,	62.9,	62.9,	0.0);
(731944.6, 4055141.3,	62.9,	62.9,	0.0);	(731944.1, 4055165.3,	62.9,	62.9,	0.0);
(731215.2, 4053954.5,	65.0,	65.0,	0.0);	(731932.9, 4053984.6,	65.0,	65.0,	0.0);
(731968.4, 4053126.0,	65.4,	65.4,	0.0);	(731771.3, 4053118.0,	65.8,	65.8,	0.0);
(731777.4, 4052972.1,	66.1,	66.1,	0.0);	(731957.2, 4052979.6,	65.9,	65.9,	0.0);
(731962.2, 4052851.8,	66.3,	66.3,	0.0);	(731262.4, 4052816.3,	67.7,	67.7,	0.0);
(731240.0, 4053955.6,	65.0,	65.0,	0.0);	(731264.7, 4053956.6,	65.0,	65.0,	0.0);
(731289.5, 4053957.7,	65.0,	65.0,	0.0);	(731314.2, 4053958.7,	64.9,	64.9,	0.0);
(731339.0, 4053959.7,	64.9,	64.9,	0.0);	(731363.7, 4053960.8,	64.9,	64.9,	0.0);
(731388.5, 4053961.8,	64.9,	64.9,	0.0);	(731413.2, 4053962.8,	64.9,	64.9,	0.0);
(731438.0, 4053963.9,	64.9,	64.9,	0.0);	(731462.7, 4053964.9,	64.9,	64.9,	0.0);
(731487.4, 4053965.9,	64.9,	64.9,	0.0);	(731512.2, 4053967.0,	64.9,	64.9,	0.0);
(731536.9, 4053968.0,	64.9,	64.9,	0.0);	(731561.7, 4053969.0,	64.9,	64.9,	0.0);
(731586.4, 4053970.1,	64.9,	64.9,	0.0);	(731611.2, 4053971.1,	64.9,	64.9,	0.0);

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(731635.9, 4053972.1,	64.9,	64.9,	0.0);	(731660.7, 4053973.2,	64.9,	64.9,	0.0);
(731685.4, 4053974.2,	64.9,	64.9,	0.0);	(731710.2, 4053975.3,	64.9,	64.9,	0.0);
(731734.9, 4053976.3,	64.9,	64.9,	0.0);	(731759.6, 4053977.3,	64.9,	64.9,	0.0);
(731784.4, 4053978.4,	64.9,	64.9,	0.0);	(731809.1, 4053979.4,	64.9,	64.9,	0.0);
(731833.9, 4053980.4,	64.9,	64.9,	0.0);	(731858.6, 4053981.5,	64.9,	64.9,	0.0);
(731883.4, 4053982.5,	64.9,	64.9,	0.0);	(731908.1, 4053983.5,	64.9,	64.9,	0.0);
(731933.9, 4053984.5,	64.9,	64.9,	0.0);	(731934.9, 4053985.5,	64.9,	64.9,	0.0);
(731935.9, 4053986.5,	64.9,	64.9,	0.0);	(731936.9, 4053987.5,	64.9,	64.9,	0.0);
(731937.9, 4053988.5,	64.9,	64.9,	0.0);	(731939.0, 4053989.5,	64.9,	64.9,	0.0);
(731940.0, 4053990.5,	64.9,	64.9,	0.0);	(731941.0, 4053991.5,	64.9,	64.9,	0.0);
(731942.0, 4053992.5,	64.9,	64.9,	0.0);	(731943.0, 4053993.5,	64.9,	64.9,	0.0);
(731944.0, 4053994.5,	64.9,	64.9,	0.0);	(731945.1, 4053995.5,	64.9,	64.9,	0.0);
(731946.1, 4053996.5,	64.9,	64.9,	0.0);	(731947.1, 4053997.5,	64.9,	64.9,	0.0);
(731948.1, 4053998.5,	64.9,	64.9,	0.0);	(731949.1, 4053999.5,	64.9,	64.9,	0.0);
(731950.1, 4054000.5,	64.9,	64.9,	0.0);	(731951.2, 4054001.5,	64.9,	64.9,	0.0);
(731952.2, 4054002.5,	64.9,	64.9,	0.0);	(731953.2, 4054003.5,	64.9,	64.9,	0.0);
(731954.2, 4054004.5,	64.9,	64.9,	0.0);	(731955.2, 4054005.5,	64.9,	64.9,	0.0);
(731956.2, 4054006.5,	64.9,	64.9,	0.0);	(731957.2, 4054007.5,	64.9,	64.9,	0.0);
(731958.3, 4054008.5,	64.9,	64.9,	0.0);	(731959.3, 4054009.5,	64.9,	64.9,	0.0);
(731960.3, 4054010.5,	64.9,	64.9,	0.0);	(731961.3, 4054011.5,	65.0,	65.0,	0.0);
(731962.3, 4054012.5,	65.0,	65.0,	0.0);	(731963.3, 4054013.5,	65.1,	65.1,	0.0);

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( 731964.4, 4053224.1, 65.1, 65.1, 0.0); ( 731965.4, 4053199.6, 65.2, 65.2, 0.0);
( 731966.4, 4053175.1, 65.3, 65.3, 0.0); ( 731967.4, 4053150.5, 65.3, 65.3, 0.0);
( 731943.8, 4053125.0, 65.4, 65.4, 0.0); ( 731919.2, 4053124.0, 65.5, 65.5, 0.0);
( 731894.5, 4053123.0, 65.6, 65.6, 0.0); ( 731869.9, 4053122.0, 65.6, 65.6, 0.0);
( 731845.2, 4053121.0, 65.7, 65.7, 0.0); ( 731820.6, 4053120.0, 65.7, 65.7, 0.0);
( 731796.0, 4053119.0, 65.8, 65.8, 0.0); ( 731772.3, 4053093.7, 65.9, 65.9, 0.0);
( 731773.4, 4053069.3, 65.9, 65.9, 0.0); ( 731774.4, 4053045.0, 66.0, 66.0, 0.0);
( 731775.4, 4053020.7, 66.0, 66.0, 0.0); ( 731776.4, 4052996.4, 66.1, 66.1, 0.0);
( 731799.9, 4052973.1, 66.1, 66.1, 0.0); ( 731822.4, 4052974.0, 66.0, 66.0, 0.0);
( 731844.8, 4052974.9, 66.0, 66.0, 0.0); ( 731867.3, 4052975.9, 66.0, 66.0, 0.0);
( 731889.8, 4052976.8, 65.9, 65.9, 0.0); ( 731912.2, 4052977.7, 65.9, 65.9, 0.0);
( 731934.7, 4052978.7, 65.8, 65.8, 0.0); ( 731958.0, 4052958.3, 65.9, 65.9, 0.0);
( 731958.9, 4052937.0, 66.0, 66.0, 0.0); ( 731959.7, 4052915.7, 66.1, 66.1, 0.0);
( 731960.5, 4052894.4, 66.2, 66.2, 0.0); ( 731961.4, 4052873.1, 66.3, 66.3, 0.0);
( 731938.1, 4052850.6, 66.3, 66.3, 0.0); ( 731914.0, 4052849.4, 66.2, 66.2, 0.0);
( 731889.8, 4052848.2, 66.2, 66.2, 0.0); ( 731865.7, 4052846.9, 66.3, 66.3, 0.0);
( 731841.6, 4052845.7, 66.3, 66.3, 0.0); ( 731817.4, 4052844.5, 66.4, 66.4, 0.0);
( 731793.3, 4052843.3, 66.4, 66.4, 0.0); ( 731769.2, 4052842.0, 66.5, 66.5, 0.0);
( 731745.0, 4052840.8, 66.6, 66.6, 0.0); ( 731720.9, 4052839.6, 66.6, 66.6, 0.0);
( 731696.8, 4052838.4, 66.7, 66.7, 0.0); ( 731672.6, 4052837.1, 66.8, 66.8, 0.0);
( 731648.5, 4052835.9, 66.8, 66.8, 0.0); ( 731624.4, 4052834.7, 66.9, 66.9, 0.0);
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( 731503.7, 4052828.6, 67.2, 67.2, 0.0); ( 731479.6, 4052827.3, 67.2, 67.2, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 109

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 110

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** ** 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** * 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 731665.9, 4052756.4, 67.1, 67.1, 0.0); ( 731689.3, 4052757.3, 67.0, 67.0, 0.0);
( 731712.7, 4052758.3, 67.0, 67.0, 0.0); ( 731736.2, 4052759.3, 66.9, 66.9, 0.0);
( 731759.6, 4052760.3, 66.8, 66.8, 0.0); ( 731783.1, 4052761.2, 66.8, 66.8, 0.0);
( 731806.5, 4052762.2, 66.7, 66.7, 0.0); ( 731829.9, 4052763.2, 66.7, 66.7, 0.0);
( 731853.4, 4052764.2, 66.6, 66.6, 0.0); ( 731876.8, 4052765.2, 66.6, 66.6, 0.0);
( 731900.2, 4052766.1, 66.5, 66.5, 0.0); ( 731923.7, 4052767.1, 66.4, 66.4, 0.0);
( 731947.1, 4052768.1, 66.3, 66.3, 0.0); ( 731971.6, 4052744.9, 66.4, 66.4, 0.0);
( 731972.6, 4052720.7, 66.4, 66.4, 0.0); ( 731973.6, 4052696.5, 66.5, 66.5, 0.0);
( 731974.6, 4052672.3, 66.5, 66.5, 0.0); ( 731975.6, 4052648.1, 66.5, 66.5, 0.0);
( 731976.6, 4052623.9, 66.5, 66.5, 0.0); ( 731977.6, 4052599.7, 66.5, 66.5, 0.0);
( 731978.6, 4052575.5, 66.6, 66.6, 0.0); ( 731979.6, 4052551.3, 66.7, 66.7, 0.0);
( 731980.6, 4052527.1, 66.8, 66.8, 0.0); ( 731981.7, 4052502.9, 67.1, 67.1, 0.0);
( 731982.7, 4052478.7, 67.6, 67.6, 0.0); ( 731983.7, 4052454.5, 67.8, 67.8, 0.0);
( 731961.1, 4052429.3, 67.9, 67.9, 0.0); ( 731937.5, 4052428.3, 67.9, 67.9, 0.0);
( 731913.9, 4052427.3, 67.9, 67.9, 0.0); ( 731890.3, 4052426.3, 67.9, 67.9, 0.0);
( 731866.7, 4052425.4, 67.9, 67.9, 0.0); ( 731843.2, 4052424.4, 67.9, 67.9, 0.0);
( 731819.6, 4052423.4, 67.9, 67.9, 0.0); ( 731796.0, 4052422.4, 67.9, 67.9, 0.0);
( 731772.4, 4052421.4, 67.9, 67.9, 0.0); ( 731748.8, 4052420.4, 67.9, 67.9, 0.0);
( 731725.2, 4052419.4, 67.9, 67.9, 0.0); ( 731701.7, 4052418.4, 67.9, 67.9, 0.0);
( 731678.1, 4052417.4, 67.9, 67.9, 0.0); ( 731654.5, 4052416.5, 67.9, 67.9, 0.0);
( 731629.9, 4052415.4, 67.9, 67.9, 0.0); ( 731628.9, 4052414.5, 67.9, 67.9, 0.0);
( 731627.8, 4052413.3, 68.0, 68.0, 0.0); ( 731626.8, 4052515.3, 68.1, 68.1, 0.0);
( 731625.8, 4052540.2, 68.1, 68.1, 0.0); ( 731624.8, 4052565.2, 68.0, 68.0, 0.0);
( 731623.8, 4052590.1, 67.9, 67.9, 0.0); ( 731616.6, 4052649.9, 67.6, 67.6, 0.0);
( 731620.7, 4052711.5, 67.4, 67.4, 0.0); ( 731619.8, 4052732.9, 67.3, 67.3, 0.0);
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** * 23:30:46

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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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730871.38 4054031.50 5.20082 730871.38 4054056.50 5.07869
730871.38 4054081.50 5.07206 730871.38 4054106.50 5.14438
730871.38 4054131.50 5.00735 730871.38 4054156.50 4.90618
730871.38 4054181.50 4.94096 730871.38 4054206.50 4.88533
730871.38 4054231.50 4.96766 730871.38 4054256.50 4.90206
730871.38 4054281.50 4.85221 730871.38 4054306.50 4.73092
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 116

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730871.38	4054331.50	4.50069	730871.38	4054356.50	4.50720
730871.38	4054381.50	4.44103	730871.38	4054406.50	4.32054
730871.38	4054431.50	3.91757	730871.38	4054456.50	3.90334
730871.38	4054481.50	4.06382	730871.38	4054506.50	4.35955
730871.38	4054531.50	4.64442	730871.38	4054556.50	4.81698
730871.38	4054581.50	4.70777	730871.38	4054606.50	4.61845
730871.38	4054631.50	4.49137	730871.38	4054656.50	4.37764
730871.38	4054681.50	4.52300	730871.38	4054706.50	4.63945
730871.38	4054731.50	4.78965	730871.38	4054756.50	4.90403
730871.38	4054781.50	5.02160	730871.38	4054806.50	5.03691
730871.38	4054831.50	4.92695	730871.38	4054856.50	4.90447
730871.38	4054881.50	4.86410	730871.38	4054906.50	4.83439
730871.38	4054931.50	4.76862	730871.38	4054956.50	4.65773
730871.38	4054981.50	4.61718	730871.38	4055006.50	4.66152
730871.38	4055031.50	4.76046	730871.38	4055056.50	4.91047
730871.38	4055081.50	4.98854	730871.38	4055106.50	5.09344
730871.38	4055131.50	5.15358	730871.38	4055156.50	5.12299
730871.38	4055181.50	4.99202	730871.38	4055206.50	5.12365
730871.38	4055231.50	5.15435	730871.38	4055256.50	5.30908
730871.38	4055281.50	5.45181	730871.38	4055306.50	5.59022
730871.38	4055331.50	5.68801	730896.38	4052331.50	1.95128
730896.38	4052356.50	1.96682	730896.38	4052381.50	1.99500
730896.38	4052406.50	2.00431	730896.38	4052431.50	2.02816
730896.38	4052456.50	2.05930	730896.38	4052481.50	2.10147
730896.38	4052506.50	2.12535	730896.38	4052531.50	2.16934
730896.38	4052556.50	2.19973	730896.38	4052581.50	2.23573
730896.38	4052606.50	2.28114	730896.38	4052631.50	2.32949
730896.38	4052656.50	2.36580	730896.38	4052681.50	2.50500
730896.38	4052706.50	2.50810	730896.38	4052731.50	2.51954
730896.38	4052756.50	2.53434	730896.38	4052781.50	2.58674
730896.38	4052806.50	2.59238	730896.38	4052831.50	2.64623
730896.38	4052856.50	2.73541	730896.38	4052881.50	2.82835
730896.38	4052906.50	2.92301	730896.38	4052931.50	2.91721
730896.38	4052956.50	2.79655	730896.38	4052981.50	3.13368
730896.38	4053006.50	3.09590	730896.38	4053031.50	3.12125
730896.38	4053056.50	3.31972	730896.38	4053081.50	3.18022
730896.38	4053106.50	3.18278	730896.38	4053131.50	3.13925
730896.38	4053156.50	3.17005	730896.38	4053181.50	3.18215
730896.38	4053206.50	3.45501	730896.38	4053231.50	3.60823
730896.38	4053256.50	3.58915	730896.38	4053281.50	3.44600

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 117

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730896.38	4053306.50	3.18525	730896.38	4053331.50	3.23812
730896.38	4053356.50	3.35062	730896.38	4053381.50	3.50164
730896.38	4053406.50	3.67977	730896.38	4053431.50	3.92040
730896.38	4053456.50	4.23387	730896.38	4053481.50	4.51836
730896.38	4053506.50	4.81747	730896.38	4053531.50	4.79596
730896.38	4053556.50	4.87785	730896.38	4053581.50	4.88937
730896.38	4053606.50	5.06926	730896.38	4053631.50	5.22139
730896.38	4053656.50	5.08806	730896.38	4053681.50	5.04352
730896.38	4053706.50	5.11343	730896.38	4053731.50	5.26671
730896.38	4053756.50	5.49073	730896.38	4053781.50	5.45053
730896.38	4053806.50	5.44637	730896.38	4053831.50	5.42119
730896.38	4053856.50	5.47491	730896.38	4053881.50	5.46764
730896.38	4053906.50	5.62147	730896.38	4053931.50	5.93643
730896.38	4053956.50	5.61975	730896.38	4053981.50	5.31239
730896.38	4054006.50	5.27532	730896.38	4054031.50	5.19832
730896.38	4054056.50	5.10959	730896.38	4054081.50	5.18326
730896.38	4054106.50	5.16686	730896.38	4054131.50	5.00449
730896.38	4054156.50	4.98097	730896.38	4054181.50	5.00331
730896.38	4054206.50	4.99169	730896.38	4054231.50	4.97814
730896.38	4054256.50	4.98364	730896.38	4054281.50	4.85355
730896.38	4054306.50	4.74422	730896.38	4054331.50	4.66992
730896.38	4054356.50	4.52074	730896.38	4054381.50	4.56381
730896.38	4054406.50	4.19177	730896.38	4054431.50	3.89638
730896.38	4054456.50	4.03939	730896.38	4054481.50	4.30763
730896.38	4054506.50	4.61363	730896.38	4054531.50	4.88845
730896.38	4054556.50	4.81639	730896.38	4054581.50	4.70921
730896.38	4054606.50	4.60532	730896.38	4054631.50	4.46707
730896.38	4054656.50	4.54468	730896.38	4054681.50	4.65047
730896.38	4054706.50	4.78626	730896.38	4054731.50	4.90504
730896.38	4054756.50	5.06469	730896.38	4054781.50	5.08203
730896.38	4054806.50	5.06618	730896.38	4054831.50	4.97463
730896.38	4054856.50	4.93463	730896.38	4054881.50	4.86600
730896.38	4054906.50	4.87012	730896.38	4054931.50	4.75676
730896.38	4054956.50	4.70456	730896.38	4054981.50	4.69492
730896.38	4055006.50	4.81044	730896.38	4055031.50	4.95309
730896.38	4055056.50	5.00652	730896.38	4055081.50	5.13160
730896.38	4055106.50	5.23752	730896.38	4055131.50	5.16894
730896.38	4055156.50	5.09136	730896.38	4055181.50	5.15178
730896.38	4055206.50	5.18147	730896.38	4055231.50	5.33853
730896.38	4055256.50	5.48203	730896.38	4055281.50	5.61967

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730896.38	4055306.50	5.71875	730896.38	4055331.50	5.79304
730921.38	4052331.50	1.97676	730921.38	4052356.50	1.95666
730921.38	4052381.50	2.00776	730921.38	4052406.50	2.01074
730921.38	4052431.50	2.03531	730921.38	4052456.50	2.07552
730921.38	4052481.50	2.10941	730921.38	4052506.50	2.15523
730921.38	4052531.50	2.18773	730921.38	4052556.50	2.21682
730921.38	4052581.50	2.23844	730921.38	4052606.50	2.29240
730921.38	4052631.50	2.33771	730921.38	4052656.50	2.37500
730921.38	4052681.50	2.53200	730921.38	4052706.50	2.54314
730921.38	4052731.50	2.52849	730921.38	4052756.50	2.56850
730921.38	4052781.50	2.59161	730921.38	4052806.50	2.60640
730921.38	4052831.50	2.65645	730921.38	4052856.50	2.75645
730921.38	4052881.50	2.84254	730921.38	4052906.50	2.94509
730921.38	4052931.50	2.98046	730921.38	4052956.50	2.85755
730921.38	4052981.50	3.18594	730921.38	4053006.50	3.19682
730921.38	4053031.50	3.17599	730921.38	4053056.50	3.34651
730921.38	4053081.50	3.22849	730921.38	4053106.50	3.23497
730921.38	4053131.50	3.18249	730921.38	4053156.50	3.19976
730921.38	4053181.50	3.21390	730921.38	4053206.50	3.52441
730921.38	4053231.50	3.64345	730921.38	4053256.50	3.64618
730921.38	4053281.50	3.51949	730921.38	4053306.50	3.25208
730921.38	4053331.50	3.27652	730921.38	4053356.50	3.39870
730921.38	4053381.50	3.54600	730921.38	4053406.50	3.72835
730921.38	4053431.50	3.99248	730921.38	4053456.50	4.30318
730921.38	4053481.50	4.63943	730921.38	4053506.50	4.89218
730921.38	4053531.50	4.84543	730921.38	4053556.50	4.94673
730921.38	4053581.50	4.93335	730921.38	4053606.50	5.12131
730921.38	4053631.50	5.26716	730921.38	4053656.50	5.16900
730921.38	4053681.50	5.11781	730921.38	4053706.50	5.17273
730921.38	4053731.50	5.35716	730921.38	4053756.50	5.57686
730921.38	4053781.50	5.49380	730921.38	4053806.50	5.48720
730921.38	4053831.50	5.48849	730921.38	4053856.50	5.52066
730921.38	4053881.50	5.57019	730921.38	4053906.50	5.80829
730921.38	4053931.50	6.05865	730921.38	4053956.50	5.60338
730921.38	4053981.50	5.34503	730921.38	4054006.50	5.27973
730921.38	4054031.50	5.19186	730921.38	4054056.50	5.15625
730921.38	4054081.50	5.29054	730921.38	4054106.50	5.16892
730921.38	4054131.50	5.00147	730921.38	4054156.50	5.04696
730921.38	4054181.50	5.06165	730921.38	4054206.50	5.04406
730921.38	4054231.50	5.02156	730921.38	4054256.50	4.98556

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730921.38	4054281.50	4.90503	730921.38	4054306.50	4.76233
730921.38	4054331.50	4.67380	730921.38	4054356.50	4.53316
730921.38	4054381.50	4.57360	730921.38	4054406.50	4.11146
730921.38	4054431.50	4.02578	730921.38	4054456.50	4.25363
730921.38	4054481.50	4.59791	730921.38	4054506.50	4.90426
730921.38	4054531.50	4.92623	730921.38	4054556.50	4.80010
730921.38	4054581.50	4.70046	730921.38	4054606.50	4.56728
730921.38	4054631.50	4.52114	730921.38	4054656.50	4.66188
730921.38	4054681.50	4.80052	730921.38	4054706.50	5.01175
730921.38	4054731.50	5.06235	730921.38	4054756.50	5.12779
730921.38	4054781.50	5.13714	730921.38	4054806.50	5.05826
730921.38	4054831.50	5.00586	730921.38	4054856.50	4.95417
730921.38	4054881.50	4.94737	730921.38	4054906.50	4.85853
730921.38	4054931.50	4.75093	730921.38	4054956.50	4.75503
730921.38	4054981.50	4.85022	730921.38	4055006.50	4.99582
730921.38	4055031.50	5.04199	730921.38	4055056.50	5.17868
730921.38	4055081.50	5.32115	730921.38	4055106.50	5.21668
730921.38	4055131.50	5.19515	730921.38	4055156.50	5.17893
730921.38	4055181.50	5.20827	730921.38	4055206.50	5.36708
730921.38	4055231.50	5.51288	730921.38	4055256.50	5.64866
730921.38	4055281.50	5.74992	730921.38	4055306.50	5.82498
730921.38	4055331.50	5.83706	730946.38	4052331.50	1.97962
730946.38	4052356.50	1.98307	730946.38	4052381.50	2.01984
730946.38	4052406.50	2.02248	730946.38	4052431.50	2.04496
730946.38	4052456.50	2.08403	730946.38	4052481.50	2.11674
730946.38	4052506.50	2.16297	730946.38	4052531.50	2.22616
730946.38	4052556.50	2.23466	730946.38	4052581.50	2.24750
730946.38	4052606.50	2.30340	730946.38	4052631.50	2.34733
730946.38	4052656.50	2.38800	730946.38	4052681.50	2.55756
730946.38	4052706.50	2.58493	730946.38	4052731.50	2.54248
730946.38	4052756.50	2.61243	730946.38	4052781.50	2.60928
730946.38	4052806.50	2.61982	730946.38	4052831.50	2.66608
730946.38	4052856.50	2.77971	730946.38	4052881.50	2.85664
730946.38	4052906.50	2.97474	730946.38	4052931.50	3.03134
730946.38	4052956.50	3.12904	730946.38	4052981.50	3.23999
730946.38	4053006.50	3.25862	730946.38	4053031.50	3.24933
730946.38	4053056.50	3.36985	730946.38	4053081.50	3.27184
730946.38	4053106.50	3.28804	730946.38	4053131.50	3.22652
730946.38	4053156.50	3.22885	730946.38	4053181.50	3.24869
730946.38	4053206.50	3.56599	730946.38	4053231.50	3.67954

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
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730946.38    4053256.50    3.70683    730946.38    4053281.50    3.59562
730946.38    4053306.50    3.32153    730946.38    4053331.50    3.31551
730946.38    4053356.50    3.44712    730946.38    4053381.50    3.59151
730946.38    4053406.50    3.80881    730946.38    4053431.50    4.09728
730946.38    4053456.50    4.38872    730946.38    4053481.50    4.76959
730946.38    4053506.50    4.94206    730946.38    4053531.50    4.88934
730946.38    4053556.50    5.01633    730946.38    4053581.50    4.99522
730946.38    4053606.50    5.17004    730946.38    4053631.50    5.31177
730946.38    4053656.50    5.32052    730946.38    4053681.50    5.19035
730946.38    4053706.50    5.23239    730946.38    4053731.50    5.49594
730946.38    4053756.50    5.58454    730946.38    4053781.50    5.50614
730946.38    4053806.50    5.53511    730946.38    4053831.50    5.53833
730946.38    4053856.50    5.64537    730946.38    4053881.50    5.72211
730946.38    4053906.50    6.00622    730946.38    4053931.50    6.05943
730946.38    4053956.50    5.60238    730946.38    4053981.50    5.35465
730946.38    4054006.50    5.28131    730946.38    4054031.50    5.20205
730946.38    4054056.50    5.25363    730946.38    4054081.50    5.32269
730946.38    4054106.50    5.16912    730946.38    4054131.50    5.06581
730946.38    4054156.50    5.09806    730946.38    4054181.50    5.07833
730946.38    4054206.50    5.05479    730946.38    4054231.50    5.12010
730946.38    4054256.50    5.00460    730946.38    4054281.50    4.96897
730946.38    4054306.50    4.94629    730946.38    4054331.50    4.64857
730946.38    4054356.50    4.69936    730946.38    4054381.50    4.44416
730946.38    4054406.50    4.06162    730946.38    4054431.50    4.19830
730946.38    4054456.50    4.54517    730946.38    4054481.50    4.90126
730946.38    4054506.50    5.03798    730946.38    4054531.50    4.91272
730946.38    4054556.50    4.79438    730946.38    4054581.50    4.68519
730946.38    4054606.50    4.59498    730946.38    4054631.50    4.70729
730946.38    4054656.50    4.81433    730946.38    4054681.50    4.99931
730946.38    4054706.50    5.05416    730946.38    4054731.50    5.17573
730946.38    4054756.50    5.18602    730946.38    4054781.50    5.16744
730946.38    4054806.50    5.07890    730946.38    4054831.50    5.03295
730946.38    4054856.50    4.97984    730946.38    4054881.50    4.96439
730946.38    4054906.50    4.84339    730946.38    4054931.50    4.84662
730946.38    4054956.50    4.89641    730946.38    4054981.50    5.04428
730946.38    4055006.50    5.07740    730946.38    4055031.50    5.23184
730946.38    4055056.50    5.40569    730946.38    4055081.50    5.26962
730946.38    4055106.50    5.26354    730946.38    4055131.50    5.20193
730946.38    4055156.50    5.26835    730946.38    4055181.50    5.40189
730946.38    4055206.50    5.54460    730946.38    4055231.50    5.67820
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** ** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* ** ** ** PAGE 121

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
730946.38    4055256.50    5.78134    730946.38    4055281.50    5.85526
730946.38    4055306.50    5.91612    730946.38    4055331.50    5.62236
730971.38    4052331.50    1.98164    730971.38    4052356.50    2.00695
730971.38    4052381.50    2.02412    730971.38    4052406.50    2.03611
730971.38    4052431.50    2.05493    730971.38    4052456.50    2.08438
730971.38    4052481.50    2.12232    730971.38    4052506.50    2.15816
730971.38    4052531.50    2.25762    730971.38    4052556.50    2.25233
730971.38    4052581.50    2.27126    730971.38    4052606.50    2.32860
730971.38    4052631.50    2.36013    730971.38    4052656.50    2.40371
730971.38    4052681.50    2.58508    730971.38    4052706.50    2.62713
730971.38    4052731.50    2.57655    730971.38    4052756.50    2.63980
730971.38    4052781.50    2.63624    730971.38    4052806.50    2.63311
730971.38    4052831.50    2.67555    730971.38    4052856.50    2.80104
730971.38    4052881.50    2.87039    730971.38    4052906.50    3.00552
730971.38    4052931.50    3.12410    730971.38    4052956.50    3.19485
730971.38    4052981.50    3.29540    730971.38    4053006.50    3.32218
730971.38    4053031.50    3.31777    730971.38    4053056.50    3.39343
730971.38    4053081.50    3.31819    730971.38    4053106.50    3.34211
730971.38    4053131.50    3.27101    730971.38    4053156.50    3.25928
730971.38    4053181.50    3.30071    730971.38    4053206.50    3.60910
730971.38    4053231.50    3.71658    730971.38    4053256.50    3.75659
730971.38    4053281.50    3.67530    730971.38    4053306.50    3.39338
730971.38    4053331.50    3.35454    730971.38    4053356.50    3.49683
730971.38    4053381.50    3.65205    730971.38    4053406.50    3.90740
730971.38    4053431.50    4.23090    730971.38    4053456.50    4.51261
730971.38    4053481.50    4.89263    730971.38    4053506.50    4.99189
730971.38    4053531.50    4.95092    730971.38    4053556.50    5.07494
730971.38    4053581.50    5.07425    730971.38    4053606.50    5.21814
730971.38    4053631.50    5.35723    730971.38    4053656.50    5.39576
730971.38    4053681.50    5.24574    730971.38    4053706.50    5.32027
730971.38    4053731.50    5.62648    730971.38    4053756.50    5.62431
730971.38    4053781.50    5.53529    730971.38    4053806.50    5.54962
730971.38    4053831.50    5.58819    730971.38    4053856.50    5.77532
730971.38    4053881.50    5.91903    730971.38    4053906.50    6.17438
730971.38    4053931.50    6.05139    730971.38    4053956.50    5.65038
730971.38    4053981.50    5.33557    730971.38    4054006.50    5.28101
730971.38    4054031.50    5.26139    730971.38    4054056.50    5.36285
730971.38    4054081.50    5.33435    730971.38    4054106.50    5.16655
730971.38    4054131.50    5.14638    730971.38    4054156.50    5.21400
730971.38    4054181.50    5.11909    730971.38    4054206.50    5.14001
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** ** ** * 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* ** ** ** PAGE 122

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
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730971.38    4054231.50    5.12646    730971.38    4054256.50    5.06757

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730971.38 4054281.50 5.06385 730971.38 4054306.50 4.92810
730971.38 4054331.50 4.66054 730971.38 4054356.50 4.75896
730971.38 4054381.50 4.34064 730971.38 4054406.50 4.16932
730971.38 4054431.50 4.49092 730971.38 4054456.50 4.85283
730971.38 4054481.50 5.11714 730971.38 4054506.50 5.02702
730971.38 4054531.50 4.88712 730971.38 4054556.50 4.78468
730971.38 4054581.50 4.68119 730971.38 4054606.50 4.69223
730971.38 4054631.50 4.82939 730971.38 4054656.50 4.99234
730971.38 4054681.50 5.18441 730971.38 4054706.50 5.22079
730971.38 4054731.50 5.23564 730971.38 4054756.50 5.23832
730971.38 4054781.50 5.16993 730971.38 4054806.50 5.10791
730971.38 4054831.50 5.03280 730971.38 4054856.50 5.06006
730971.38 4054881.50 4.94902 730971.38 4054906.50 4.93230
730971.38 4054931.50 4.95723 730971.38 4054956.50 5.08873
730971.38 4054981.50 5.11113 730971.38 4055006.50 5.28498
730971.38 4055031.50 5.46324 730971.38 4055056.50 5.37554
730971.38 4055081.50 5.33392 730971.38 4055106.50 5.26867
730971.38 4055131.50 5.33249 730971.38 4055156.50 5.43629
730971.38 4055181.50 5.57449 730971.38 4055206.50 5.70625
730971.38 4055231.50 5.81122 730971.38 4055256.50 5.88734
730971.38 4055281.50 5.94977 730971.38 4055306.50 5.73777
730971.38 4055331.50 5.39713 730996.38 4052331.50 1.99063
730996.38 4052356.50 2.01288 730996.38 4052381.50 2.01344
730996.38 4052406.50 2.05188 730996.38 4052431.50 2.06786
730996.38 4052456.50 2.08910 730996.38 4052481.50 2.13235
730996.38 4052506.50 2.18196 730996.38 4052531.50 2.25120
730996.38 4052556.50 2.29718 730996.38 4052581.50 2.29685
730996.38 4052606.50 2.34204 730996.38 4052631.50 2.37235
730996.38 4052656.50 2.41377 730996.38 4052681.50 2.58882
730996.38 4052706.50 2.66545 730996.38 4052731.50 2.61912
730996.38 4052756.50 2.65356 730996.38 4052781.50 2.66581
730996.38 4052806.50 2.64598 730996.38 4052831.50 2.68471
730996.38 4052856.50 2.82029 730996.38 4052881.50 2.88423
730996.38 4052906.50 3.12717 730996.38 4052931.50 3.15168
730996.38 4052956.50 3.24119 730996.38 4052981.50 3.35261
730996.38 4053006.50 3.38034 730996.38 4053031.50 3.38241
730996.38 4053056.50 3.41868 730996.38 4053081.50 3.36469
730996.38 4053106.50 3.39759 730996.38 4053131.50 3.32392
730996.38 4053156.50 3.28915 730996.38 4053181.50 3.36942
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 123
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
730996.38 4053206.50 3.65418 730996.38 4053231.50 3.75348
730996.38 4053256.50 3.78651 730996.38 4053281.50 3.75130
730996.38 4053306.50 3.46769 730996.38 4053331.50 3.39481
730996.38 4053356.50 3.54634 730996.38 4053381.50 3.72550
730996.38 4053406.50 3.95992 730996.38 4053431.50 4.37131
730996.38 4053456.50 4.64206 730996.38 4053481.50 4.96317
730996.38 4053506.50 5.04506 730996.38 4053531.50 5.01279
730996.38 4053556.50 5.13290 730996.38 4053581.50 5.13400
730996.38 4053606.50 5.26665 730996.38 4053631.50 5.40038
730996.38 4053656.50 5.45272 730996.38 4053681.50 5.29985
730996.38 4053706.50 5.48526 730996.38 4053731.50 5.63804
730996.38 4053756.50 5.66039 730996.38 4053781.50 5.58755
730996.38 4053806.50 5.59400 730996.38 4053831.50 5.68643
730996.38 4053856.50 5.88619 730996.38 4053881.50 6.09395
730996.38 4053906.50 6.35596 730996.38 4053931.50 6.02403
730996.38 4053956.50 5.62381 730996.38 4053981.50 5.34119
730996.38 4054006.50 5.27744 730996.38 4054031.50 5.33098
730996.38 4054056.50 5.39078 730996.38 4054081.50 5.33818
730996.38 4054106.50 5.19434 730996.38 4054131.50 5.20439
730996.38 4054156.50 5.19256 730996.38 4054181.50 5.13265
730996.38 4054206.50 5.22381 730996.38 4054231.50 5.16507
730996.38 4054256.50 5.20685 730996.38 4054281.50 5.12582
730996.38 4054306.50 4.84883 730996.38 4054331.50 4.83201
730996.38 4054356.50 4.74183 730996.38 4054381.50 4.25387
730996.38 4054406.50 4.43527 730996.38 4054431.50 4.80025
730996.38 4054456.50 5.17682 730996.38 4054481.50 5.14312
730996.38 4054506.50 5.01275 730996.38 4054531.50 4.88299
730996.38 4054556.50 4.77360 730996.38 4054581.50 4.74465
730996.38 4054606.50 4.86206 730996.38 4054631.50 4.98618
730996.38 4054656.50 5.23497 730996.38 4054681.50 5.23764
730996.38 4054706.50 5.28675 730996.38 4054731.50 5.29117
730996.38 4054756.50 5.28174 730996.38 4054781.50 5.18490
730996.38 4054806.50 5.12627 730996.38 4054831.50 5.09992
730996.38 4054856.50 5.05777 730996.38 4054881.50 4.96717
730996.38 4054906.50 5.03860 730996.38 4054931.50 5.13764
730996.38 4054956.50 5.15723 730996.38 4054981.50 5.33846
730996.38 4055006.50 5.51634 730996.38 4055031.50 5.49140
730996.38 4055056.50 5.36279 730996.38 4055081.50 5.36318
730996.38 4055106.50 5.39713 730996.38 4055131.50 5.46477
730996.38 4055156.50 5.60721 730996.38 4055181.50 5.73682
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 124
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
730996.38 4055206.50 5.84359 730996.38 4055231.50 5.92023
730996.38 4055256.50 5.98249 730996.38 4055281.50 5.85404
730996.38 4055306.50 5.50638 730996.38 4055331.50 5.28653
731021.38 4052331.50 1.99701 731021.38 4052356.50 2.01492
731021.38 4052381.50 2.04190 731021.38 4052406.50 2.06122
731021.38 4052431.50 2.07064 731021.38 4052456.50 2.09888
731021.38 4052481.50 2.14626 731021.38 4052506.50 2.20812
731021.38 4052531.50 2.22601 731021.38 4052556.50 2.33572

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731021.38 4052581.50 2.32630 731021.38 4052606.50 2.35636
731021.38 4052631.50 2.38584 731021.38 4052656.50 2.42733
731021.38 4052681.50 2.57174 731021.38 4052706.50 2.70507
731021.38 4052731.50 2.66414 731021.38 4052756.50 2.66354
731021.38 4052781.50 2.69737 731021.38 4052806.50 2.67689
731021.38 4052831.50 2.69367 731021.38 4052856.50 2.83834
731021.38 4052881.50 2.89742 731021.38 4052906.50 3.14963
731021.38 4052931.50 3.17487 731021.38 4052956.50 3.28308
731021.38 4052981.50 3.41129 731021.38 4053006.50 3.44081
731021.38 4053031.50 3.42618 731021.38 4053056.50 3.48792
731021.38 4053081.50 3.41279 731021.38 4053106.50 3.44625
731021.38 4053131.50 3.37591 731021.38 4053156.50 3.32027
731021.38 4053181.50 3.44119 731021.38 4053206.50 3.70076
731021.38 4053231.50 3.79207 731021.38 4053256.50 3.81648
731021.38 4053281.50 3.83052 731021.38 4053306.50 3.54653
731021.38 4053331.50 3.43509 731021.38 4053356.50 3.59764
731021.38 4053381.50 3.82985 731021.38 4053406.50 4.07533
731021.38 4053431.50 4.44541 731021.38 4053456.50 4.79348
731021.38 4053481.50 5.00987 731021.38 4053506.50 5.09521
731021.38 4053531.50 5.07480 731021.38 4053556.50 5.19544
731021.38 4053581.50 5.19472 731021.38 4053606.50 5.31325
731021.38 4053631.50 5.48068 731021.38 4053656.50 5.49210
731021.38 4053681.50 5.35363 731021.38 4053706.50 5.64246
731021.38 4053731.50 5.66409 731021.38 4053756.50 5.66782
731021.38 4053781.50 5.60687 731021.38 4053806.50 5.64942
731021.38 4053831.50 5.85465 731021.38 4053856.50 6.01235
731021.38 4053881.50 6.26008 731021.38 4053906.50 6.42740
731021.38 4053931.50 6.04802 731021.38 4053956.50 5.56565
731021.38 4053981.50 5.34329 731021.38 4054006.50 5.34506
731021.38 4054031.50 5.42765 731021.38 4054056.50 5.41495
731021.38 4054081.50 5.33905 731021.38 4054106.50 5.24529
731021.38 4054131.50 5.32182 731021.38 4054156.50 5.19617

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 125

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731021.38	4054181.50	5.26734	731021.38	4054206.50	5.25710
731021.38	4054231.50	5.23512	731021.38	4054256.50	5.40816
731021.38	4054281.50	5.14856	731021.38	4054306.50	4.80688
731021.38	4054331.50	4.91325	731021.38	4054356.50	4.61996
731021.38	4054381.50	4.37792	731021.38	4054406.50	4.74610
731021.38	4054431.50	5.12642	731021.38	4054456.50	5.27389
731021.38	4054481.50	5.13199	731021.38	4054506.50	4.97876
731021.38	4054531.50	4.87325	731021.38	4054556.50	4.83522
731021.38	4054581.50	4.93909	731021.38	4054606.50	4.98101
731021.38	4054631.50	5.23043	731021.38	4054656.50	5.37539
731021.38	4054681.50	5.34044	731021.38	4054706.50	5.34530
731021.38	4054731.50	5.34539	731021.38	4054756.50	5.26272
731021.38	4054781.50	5.21121	731021.38	4054806.50	5.14258
731021.38	4054831.50	5.17351	731021.38	4054856.50	5.03046
731021.38	4054881.50	5.13725	731021.38	4054906.50	5.19914
731021.38	4054931.50	5.21131	731021.38	4054956.50	5.38353
731021.38	4054981.50	5.56242	731021.38	4055006.50	5.60731
731021.38	4055031.50	5.41451	731021.38	4055056.50	5.43909
731021.38	4055081.50	5.43204	731021.38	4055106.50	5.50207
731021.38	4055131.50	5.64398	731021.38	4055156.50	5.76514
731021.38	4055181.50	5.87401	731021.38	4055206.50	5.95163
731021.38	4055231.50	6.01717	731021.38	4055256.50	5.97600
731021.38	4055281.50	5.62091	731021.38	4055306.50	5.38734
731021.38	4055331.50	5.23828	731046.38	4052331.50	2.00530
731046.38	4052356.50	2.01730	731046.38	4052381.50	2.04700
731046.38	4052406.50	2.07261	731046.38	4052431.50	2.08421
731046.38	4052456.50	2.10814	731046.38	4052481.50	2.14458
731046.38	4052506.50	2.21413	731046.38	4052531.50	2.22491
731046.38	4052556.50	2.34900	731046.38	4052581.50	2.37138
731046.38	4052606.50	2.38232	731046.38	4052631.50	2.41588
731046.38	4052656.50	2.43909	731046.38	4052681.50	2.55223
731046.38	4052706.50	2.74517	731046.38	4052731.50	2.71040
731046.38	4052756.50	2.67288	731046.38	4052781.50	2.73250
731046.38	4052806.50	2.71171	731046.38	4052831.50	2.70214
731046.38	4052856.50	2.85816	731046.38	4052881.50	3.18668
731046.38	4052906.50	3.17064	731046.38	4052931.50	3.21266
731046.38	4052956.50	3.32615	731046.38	4052981.50	3.46349
731046.38	4053006.50	3.50262	731046.38	4053031.50	3.47153
731046.38	4053056.50	3.56088	731046.38	4053081.50	3.46084
731046.38	4053106.50	3.48486	731046.38	4053131.50	3.41344

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 126

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731046.38	4053156.50	3.35131	731046.38	4053181.50	3.51582
731046.38	4053206.50	3.75663	731046.38	4053231.50	3.84187
731046.38	4053256.50	3.84728	731046.38	4053281.50	3.91135
731046.38	4053306.50	3.66378	731046.38	4053331.50	3.50872
731046.38	4053356.50	3.64863	731046.38	4053381.50	3.96162
731046.38	4053406.50	4.20498	731046.38	4053431.50	4.52113
731046.38	4053456.50	4.93435	731046.38	4053481.50	5.05622
731046.38	4053506.50	5.14429	731046.38	4053531.50	5.13695
731046.38	4053556.50	5.30798	731046.38	4053581.50	5.25419
731046.38	4053606.50	5.36081	731046.38	4053631.50	5.63399
731046.38	4053656.50	5.53154	731046.38	4053681.50	5.43745
731046.38	4053706.50	5.67825	731046.38	4053731.50	5.74500
731046.38	4053756.50	5.67773	731046.38	4053781.50	5.78864
731046.38	4053806.50	5.72416	731046.38	4053831.50	5.98774
731046.38	4053856.50	6.18007	731046.38	4053881.50	6.43977

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731046.38 4053906.50 6.48097 731046.38 4053931.50 6.03829
731046.38 4053956.50 5.52244 731046.38 4053981.50 5.35138
731046.38 4054006.50 5.42256 731046.38 4054031.50 5.45612
731046.38 4054056.50 5.43578 731046.38 4054081.50 5.36412
731046.38 4054106.50 5.33346 731046.38 4054131.50 5.32613
731046.38 4054156.50 5.24725 731046.38 4054181.50 5.34413
731046.38 4054206.50 5.32592 731046.38 4054231.50 5.48587
731046.38 4054256.50 5.41675 731046.38 4054281.50 5.10090
731046.38 4054306.50 4.97957 731046.38 4054331.50 4.97981
731046.38 4054356.50 4.52413 731046.38 4054381.50 4.68956
731046.38 4054406.50 5.07374 731046.38 4054431.50 5.37470
731046.38 4054456.50 5.25298 731046.38 4054481.50 5.11273
731046.38 4054506.50 4.97494 731046.38 4054531.50 4.92556
731046.38 4054556.50 4.95485 731046.38 4054581.50 4.99538
731046.38 4054606.50 5.22943 731046.38 4054631.50 5.49724
731046.38 4054656.50 5.42556 731046.38 4054681.50 5.40108
731046.38 4054706.50 5.39862 731046.38 4054731.50 5.37917
731046.38 4054756.50 5.29177 731046.38 4054781.50 5.20949
731046.38 4054806.50 5.22043 731046.38 4054831.50 5.15236
731046.38 4054856.50 5.20037 731046.38 4054881.50 5.26273
731046.38 4054906.50 5.26811 731046.38 4054931.50 5.44797
731046.38 4054956.50 5.60428 731046.38 4054981.50 5.68853
731046.38 4055006.50 5.48785 731046.38 4055031.50 5.46277
731046.38 4055056.50 5.46705 731046.38 4055081.50 5.53886
731046.38 4055106.50 5.68285 731046.38 4055131.50 5.79714
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 127

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731046.38 4055156.50 5.90742 731046.38 4055181.50 5.98562
731046.38 4055206.50 6.05264 731046.38 4055231.50 6.05744
731046.38 4055256.50 5.73651 731046.38 4055281.50 5.48996
731046.38 4055306.50 5.34004 731046.38 4055331.50 5.24571
731071.38 4052331.50 2.00187 731071.38 4052356.50 2.02384
731071.38 4052381.50 2.05133 731071.38 4052406.50 2.07423
731071.38 4052431.50 2.09378 731071.38 4052456.50 2.12381
731071.38 4052481.50 2.14976 731071.38 4052506.50 2.21949
731071.38 4052531.50 2.23726 731071.38 4052556.50 2.34150
731071.38 4052581.50 2.40821 731071.38 4052606.50 2.40726
731071.38 4052631.50 2.44179 731071.38 4052656.50 2.46535
731071.38 4052681.50 2.53433 731071.38 4052706.50 2.78621
731071.38 4052731.50 2.75742 731071.38 4052756.50 2.69918
731071.38 4052781.50 2.76584 731071.38 4052806.50 2.74720
731071.38 4052831.50 2.71264 731071.38 4052856.50 2.87595
731071.38 4052881.50 3.20490 731071.38 4052906.50 3.19164
731071.38 4052931.50 3.25243 731071.38 4052956.50 3.37088
731071.38 4052981.50 3.49735 731071.38 4053006.50 3.56688
731071.38 4053031.50 3.51816 731071.38 4053056.50 3.59756
731071.38 4053081.50 3.50475 731071.38 4053106.50 3.52401
731071.38 4053131.50 3.45022 731071.38 4053156.50 3.38291
731071.38 4053181.50 3.58415 731071.38 4053206.50 3.83971
731071.38 4053231.50 3.89707 731071.38 4053256.50 3.87834
731071.38 4053281.50 3.95802 731071.38 4053306.50 3.76640
731071.38 4053331.50 3.58488 731071.38 4053356.50 3.70129
731071.38 4053381.50 4.05094 731071.38 4053406.50 4.34586
731071.38 4053431.50 4.66902 731071.38 4053456.50 5.02106
731071.38 4053481.50 5.11495 731071.38 4053506.50 5.19882
731071.38 4053531.50 5.19974 731071.38 4053556.50 5.41742
731071.38 4053581.50 5.31396 731071.38 4053606.50 5.40627
731071.38 4053631.50 5.72146 731071.38 4053656.50 5.57138
731071.38 4053681.50 5.61375 731071.38 4053706.50 5.69484
731071.38 4053731.50 5.77044 731071.38 4053756.50 5.68719
731071.38 4053781.50 5.99681 731071.38 4053806.50 5.91035
731071.38 4053831.50 6.12327 731071.38 4053856.50 6.33106
731071.38 4053881.50 6.56433 731071.38 4053906.50 6.50805
731071.38 4053931.50 6.02483 731071.38 4053956.50 5.50064
731071.38 4053981.50 5.39919 731071.38 4054006.50 5.50333
731071.38 4054031.50 5.48435 731071.38 4054056.50 5.45563
731071.38 4054081.50 5.41505 731071.38 4054106.50 5.43803
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 128

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731071.38 4054131.50 5.34469 731071.38 4054156.50 5.39296
731071.38 4054181.50 5.37985 731071.38 4054206.50 5.44011
731071.38 4054231.50 5.74219 731071.38 4054256.50 5.32276
731071.38 4054281.50 5.08134 731071.38 4054306.50 5.07347
731071.38 4054331.50 4.92503 731071.38 4054356.50 4.63843
731071.38 4054381.50 5.01945 731071.38 4054406.50 5.39318
731071.38 4054431.50 5.40641 731071.38 4054456.50 5.24125
731071.38 4054481.50 5.07412 731071.38 4054506.50 5.00057
731071.38 4054531.50 5.01940 731071.38 4054556.50 5.10211
731071.38 4054581.50 5.22635 731071.38 4054606.50 5.48084
731071.38 4054631.50 5.57456 731071.38 4054656.50 5.45831
731071.38 4054681.50 5.45605 731071.38 4054706.50 5.50875
731071.38 4054731.50 5.37500 731071.38 4054756.50 5.31014
731071.38 4054781.50 5.26787 731071.38 4054806.50 5.27792
731071.38 4054831.50 5.24195 731071.38 4054856.50 5.35659
731071.38 4054881.50 5.33509 731071.38 4054906.50 5.50356
731071.38 4054931.50 5.64682 731071.38 4054956.50 5.76696
731071.38 4054981.50 5.60042 731071.38 4055006.50 5.51304
731071.38 4055031.50 5.56809 731071.38 4055056.50 5.57810
731071.38 4055081.50 5.72369 731071.38 4055106.50 5.83494
731071.38 4055131.50 5.94023 731071.38 4055156.50 6.01647
731071.38 4055181.50 6.08142 731071.38 4055206.50 6.10945

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731071.38 4055231.50 5.85747 731071.38 4055256.50 5.59728
731071.38 4055281.50 5.44314 731071.38 4055306.50 5.31253
731071.38 4055331.50 5.32613 731096.38 4052331.50 1.98876
731096.38 4052356.50 2.03588 731096.38 4052381.50 2.05169
731096.38 4052406.50 2.08744 731096.38 4052431.50 2.10393
731096.38 4052456.50 2.13092 731096.38 4052481.50 2.15579
731096.38 4052506.50 2.22438 731096.38 4052531.50 2.27488
731096.38 4052556.50 2.32494 731096.38 4052581.50 2.43426
731096.38 4052606.50 2.44912 731096.38 4052631.50 2.45793
731096.38 4052656.50 2.48997 731096.38 4052681.50 2.52435
731096.38 4052706.50 2.82831 731096.38 4052731.50 2.80106
731096.38 4052756.50 2.74773 731096.38 4052781.50 2.79397
731096.38 4052806.50 2.78426 731096.38 4052831.50 2.74320
731096.38 4052856.50 3.04993 731096.38 4052881.50 3.22303
731096.38 4052906.50 3.21197 731096.38 4052931.50 3.28436
731096.38 4052956.50 3.41594 731096.38 4052981.50 3.53180
731096.38 4053006.50 3.63251 731096.38 4053031.50 3.56684
731096.38 4053056.50 3.63170 731096.38 4053081.50 3.57995
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 129

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731096.38	4053106.50	3.55954	731096.38	4053131.50	3.48778
731096.38	4053156.50	3.41477	731096.38	4053181.50	3.63030
731096.38	4053206.50	3.89451	731096.38	4053231.50	3.95266
731096.38	4053256.50	3.91520	731096.38	4053281.50	4.00415
731096.38	4053306.50	3.85218	731096.38	4053331.50	3.66465
731096.38	4053356.50	3.77092	731096.38	4053381.50	4.13542
731096.38	4053406.50	4.49541	731096.38	4053431.50	4.81225
731096.38	4053456.50	5.07216	731096.38	4053481.50	5.16609
731096.38	4053506.50	5.26368	731096.38	4053531.50	5.31074
731096.38	4053556.50	5.47643	731096.38	4053581.50	5.37378
731096.38	4053606.50	5.56666	731096.38	4053631.50	5.79914
731096.38	4053656.50	5.61001	731096.38	4053681.50	5.70754
731096.38	4053706.50	5.77880	731096.38	4053731.50	5.76907
731096.38	4053756.50	5.83248	731096.38	4053781.50	6.04663
731096.38	4053806.50	6.05553	731096.38	4053831.50	6.32667
731096.38	4053856.50	6.53025	731096.38	4053881.50	6.62796
731096.38	4053906.50	6.51467	731096.38	4053931.50	6.02024
731096.38	4053956.50	5.49561	731096.38	4053981.50	5.48052
731096.38	4054006.50	5.53545	731096.38	4054031.50	5.50899
731096.38	4054056.50	5.49395	731096.38	4054081.50	5.47367
731096.38	4054106.50	5.46185	731096.38	4054131.50	5.44491
731096.38	4054156.50	5.46689	731096.38	4054181.50	5.46172
731096.38	4054206.50	5.81964	731096.38	4054231.50	5.76647
731096.38	4054256.50	5.26963	731096.38	4054281.50	5.16903
731096.38	4054306.50	5.18109	731096.38	4054331.50	4.89524
731096.38	4054356.50	4.96326	731096.38	4054381.50	5.36252
731096.38	4054406.50	5.49619	731096.38	4054431.50	5.36779
731096.38	4054456.50	5.20750	731096.38	4054481.50	5.08501
731096.38	4054506.50	5.12062	731096.38	4054531.50	5.18397
731096.38	4054556.50	5.22699	731096.38	4054581.50	5.48284
731096.38	4054606.50	5.72934	731096.38	4054631.50	5.56899
731096.38	4054656.50	5.51728	731096.38	4054681.50	5.60286
731096.38	4054706.50	5.48159	731096.38	4054731.50	5.40106
731096.38	4054756.50	5.31602	731096.38	4054781.50	5.34242
731096.38	4054806.50	5.29414	731096.38	4054831.50	5.46534
731096.38	4054856.50	5.40652	731096.38	4054881.50	5.56985
731096.38	4054906.50	5.69056	731096.38	4054931.50	5.82026
731096.38	4054956.50	5.71975	731096.38	4054981.50	5.56617
731096.38	4055006.50	5.66285	731096.38	4055031.50	5.61504
731096.38	4055056.50	5.76317	731096.38	4055081.50	5.87185

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 130

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731096.38	4055106.50	5.96995	731096.38	4055131.50	6.04252
731096.38	4055156.50	6.10922	731096.38	4055181.50	6.14356
731096.38	4055206.50	5.98230	731096.38	4055231.50	5.70706
731096.38	4055256.50	5.53036	731096.38	4055281.50	5.38123
731096.38	4055306.50	5.40076	731096.38	4055331.50	5.42589
731121.38	4052331.50	1.98102	731121.38	4052356.50	2.03783
731121.38	4052381.50	2.05176	731121.38	4052406.50	2.08683
731121.38	4052431.50	2.11554	731121.38	4052456.50	2.13748
731121.38	4052481.50	2.17187	731121.38	4052506.50	2.21928
731121.38	4052531.50	2.31224	731121.38	4052556.50	2.32106
731121.38	4052581.50	2.43393	731121.38	4052606.50	2.48384
731121.38	4052631.50	2.49013	731121.38	4052656.50	2.51555
731121.38	4052681.50	2.53827	731121.38	4052706.50	2.86967
731121.38	4052731.50	2.84502	731121.38	4052756.50	2.79754
731121.38	4052781.50	2.82494	731121.38	4052806.50	2.82652
731121.38	4052831.50	2.93210	731121.38	4052856.50	3.06326
731121.38	4052881.50	3.24065	731121.38	4052906.50	3.23256
731121.38	4052931.50	3.31642	731121.38	4052956.50	3.46156
731121.38	4052981.50	3.56635	731121.38	4053006.50	3.67751
731121.38	4053031.50	3.60996	731121.38	4053056.50	3.66374
731121.38	4053081.50	3.65647	731121.38	4053106.50	3.59017
731121.38	4053131.50	3.52363	731121.38	4053156.50	3.44713
731121.38	4053181.50	3.67946	731121.38	4053206.50	3.95073
731121.38	4053231.50	4.00937	731121.38	4053256.50	3.95673
731121.38	4053281.50	4.06625	731121.38	4053306.50	3.96301
731121.38	4053331.50	3.74640	731121.38	4053356.50	3.90122
731121.38	4053381.50	4.27908	731121.38	4053406.50	4.58838
731121.38	4053431.50	4.95882	731121.38	4053456.50	5.12280
731121.38	4053481.50	5.21535	731121.38	4053506.50	5.32794

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731121.38 4053531.50 5.44430 731121.38 4053556.50 5.53748
731121.38 4053581.50 5.43249 731121.38 4053606.50 5.73547
731121.38 4053631.50 5.87565 731121.38 4053656.50 5.64853
731121.38 4053681.50 5.72439 731121.38 4053706.50 5.86615
731121.38 4053731.50 5.81189 731121.38 4053756.50 6.03861
731121.38 4053781.50 6.09448 731121.38 4053806.50 6.19784
731121.38 4053831.50 6.48217 731121.38 4053856.50 6.73870
731121.38 4053881.50 6.71021 731121.38 4053906.50 6.49813
731121.38 4053931.50 5.96638 731121.38 4053956.50 5.50896
731121.38 4053981.50 5.57688 731121.38 4054006.50 5.56422
731121.38 4054031.50 5.53842 731121.38 4054056.50 5.57511
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 131

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731121.38 4054081.50 5.57787 731121.38 4054106.50 5.43927
731121.38 4054131.50 5.51345 731121.38 4054156.50 5.50818
731121.38 4054181.50 5.73255 731121.38 4054206.50 6.04165
731121.38 4054231.50 5.63804 731121.38 4054256.50 5.40412
731121.38 4054281.50 5.24527 731121.38 4054306.50 5.20793
731121.38 4054331.50 4.99071 731121.38 4054356.50 5.30786
731121.38 4054381.50 5.56558 731121.38 4054406.50 5.51659
731121.38 4054431.50 5.35538 731121.38 4054456.50 5.18977
731121.38 4054481.50 5.20207 731121.38 4054506.50 5.22234
731121.38 4054531.50 5.29975 731121.38 4054556.50 5.48186
731121.38 4054581.50 5.75452 731121.38 4054606.50 5.75734
731121.38 4054631.50 5.57892 731121.38 4054656.50 5.65967
731121.38 4054681.50 5.61793 731121.38 4054706.50 5.48823
731121.38 4054731.50 5.39819 731121.38 4054756.50 5.39430
731121.38 4054781.50 5.41780 731121.38 4054806.50 5.51722
731121.38 4054831.50 5.48123 731121.38 4054856.50 5.63674
731121.38 4054881.50 5.73443 731121.38 4054906.50 5.86927
731121.38 4054931.50 5.81793 731121.38 4054956.50 5.62026
731121.38 4054981.50 5.68964 731121.38 4055006.50 5.67425
731121.38 4055031.50 5.79219 731121.38 4055056.50 5.90243
731121.38 4055081.50 6.00174 731121.38 4055106.50 6.06752
731121.38 4055131.50 6.13429 731121.38 4055156.50 6.17455
731121.38 4055181.50 6.08040 731121.38 4055206.50 5.82125
731121.38 4055231.50 5.61994 731121.38 4055256.50 5.45465
731121.38 4055281.50 5.47752 731121.38 4055306.50 5.50400
731121.38 4055331.50 5.51170 731146.38 4052331.50 1.99854
731146.38 4052356.50 2.04589 731146.38 4052381.50 2.06559
731146.38 4052406.50 2.08784 731146.38 4052431.50 2.12568
731146.38 4052456.50 2.14070 731146.38 4052481.50 2.18128
731146.38 4052506.50 2.23028 731146.38 4052531.50 2.32066
731146.38 4052556.50 2.31702 731146.38 4052581.50 2.41813
731146.38 4052606.50 2.51146 731146.38 4052631.50 2.53598
731146.38 4052656.50 2.54420 731146.38 4052681.50 2.57238
731146.38 4052706.50 2.85623 731146.38 4052731.50 2.88990
731146.38 4052756.50 2.84856 731146.38 4052781.50 2.83645
731146.38 4052806.50 2.87061 731146.38 4052831.50 2.96337
731146.38 4052856.50 3.07682 731146.38 4052881.50 3.25814
731146.38 4052906.50 3.25237 731146.38 4052931.50 3.34819
731146.38 4052956.50 3.50861 731146.38 4052981.50 3.60139
731146.38 4053006.50 3.71738 731146.38 4053031.50 3.66063
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 132

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731146.38 4053056.50 3.69065 731146.38 4053081.50 3.69100
731146.38 4053106.50 3.62107 731146.38 4053131.50 3.55415
731146.38 4053156.50 3.48008 731146.38 4053181.50 3.72974
731146.38 4053206.50 4.00936 731146.38 4053231.50 4.05478
731146.38 4053256.50 3.99838 731146.38 4053281.50 4.14508
731146.38 4053306.50 4.07873 731146.38 4053331.50 3.83137
731146.38 4053356.50 4.03431 731146.38 4053381.50 4.42822
731146.38 4053406.50 4.67772 731146.38 4053431.50 5.07028
731146.38 4053456.50 5.17440 731146.38 4053481.50 5.26538
731146.38 4053506.50 5.39187 731146.38 4053531.50 5.57530
731146.38 4053556.50 5.60463 731146.38 4053581.50 5.51022
731146.38 4053606.50 5.92303 731146.38 4053631.50 5.95086
731146.38 4053656.50 5.72484 731146.38 4053681.50 5.80160
731146.38 4053706.50 5.87429 731146.38 4053731.50 5.94327
731146.38 4053756.50 6.25292 731146.38 4053781.50 6.11932
731146.38 4053806.50 6.42551 731146.38 4053831.50 6.66504
731146.38 4053856.50 6.80791 731146.38 4053881.50 6.76867
731146.38 4053906.50 6.48084 731146.38 4053931.50 5.93090
731146.38 4053956.50 5.55828 731146.38 4053981.50 5.65437
731146.38 4054006.50 5.60518 731146.38 4054031.50 5.59072
731146.38 4054056.50 5.64203 731146.38 4054081.50 5.58611
731146.38 4054106.50 5.60763 731146.38 4054131.50 5.56937
731146.38 4054156.50 5.66237 731146.38 4054181.50 6.08679
731146.38 4054206.50 6.11985 731146.38 4054231.50 5.52950
731146.38 4054256.50 5.47035 731146.38 4054281.50 5.34857
731146.38 4054306.50 5.28506 731146.38 4054331.50 5.25181
731146.38 4054356.50 5.57331 731146.38 4054381.50 5.59300
731146.38 4054406.50 5.49984 731146.38 4054431.50 5.30640
731146.38 4054456.50 5.27461 731146.38 4054481.50 5.26872
731146.38 4054506.50 5.38005 731146.38 4054531.50 5.48544
731146.38 4054556.50 5.74041 731146.38 4054581.50 5.91989
731146.38 4054606.50 5.70500 731146.38 4054631.50 5.72194
731146.38 4054656.50 5.74027 731146.38 4054681.50 5.58818
731146.38 4054706.50 5.50728 731146.38 4054731.50 5.44760
731146.38 4054756.50 5.48518 731146.38 4054781.50 5.56179
731146.38 4054806.50 5.57878 731146.38 4054831.50 5.70644

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731146.38 4054856.50 5.78678 731146.38 4054881.50 5.91413
731146.38 4054906.50 5.90196 731146.38 4054931.50 5.72070
731146.38 4054956.50 5.71786 731146.38 4054981.50 5.76825
731146.38 4055006.50 5.81679 731146.38 4055031.50 5.93045
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 133

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731146.38	4055056.50	6.03108	731146.38	4055081.50	6.09206
731146.38	4055106.50	6.16278	731146.38	4055131.50	6.20813
731146.38	4055156.50	6.14543	731146.38	4055181.50	5.93903
731146.38	4055206.50	5.71231	731146.38	4055231.50	5.52975
731146.38	4055256.50	5.55488	731146.38	4055281.50	5.58380
731146.38	4055306.50	5.58545	731146.38	4055331.50	5.37870
731171.38	4052331.50	2.02970	731171.38	4052356.50	2.04433
731171.38	4052381.50	2.07780	731171.38	4052406.50	2.08794
731171.38	4052431.50	2.13115	731171.38	4052456.50	2.14881
731171.38	4052481.50	2.19272	731171.38	4052506.50	2.22587
731171.38	4052531.50	2.32527	731171.38	4052556.50	2.34480
731171.38	4052581.50	2.40540	731171.38	4052606.50	2.52907
731171.38	4052631.50	2.56686	731171.38	4052656.50	2.57163
731171.38	4052681.50	2.60324	731171.38	4052706.50	2.84465
731171.38	4052731.50	2.93580	731171.38	4052756.50	2.90075
731171.38	4052781.50	2.85057	731171.38	4052806.50	2.94357
731171.38	4052831.50	2.99486	731171.38	4052856.50	3.08981
731171.38	4052881.50	3.27502	731171.38	4052906.50	3.27240
731171.38	4052931.50	3.37387	731171.38	4052956.50	3.55142
731171.38	4052981.50	3.63664	731171.38	4053006.50	3.74563
731171.38	4053031.50	3.70402	731171.38	4053056.50	3.71741
731171.38	4053081.50	3.72558	731171.38	4053106.50	3.68890
731171.38	4053131.50	3.58508	731171.38	4053156.50	3.51302
731171.38	4053181.50	3.78249	731171.38	4053206.50	4.08107
731171.38	4053231.50	4.15041	731171.38	4053256.50	4.04191
731171.38	4053281.50	4.19342	731171.38	4053306.50	4.19945
731171.38	4053331.50	3.94380	731171.38	4053356.50	4.09467
731171.38	4053381.50	4.58347	731171.38	4053406.50	4.81528
731171.38	4053431.50	5.13117	731171.38	4053456.50	5.22835
731171.38	4053481.50	5.31895	731171.38	4053506.50	5.47485
731171.38	4053531.50	5.69776	731171.38	4053556.50	5.67245
731171.38	4053581.50	5.65394	731171.38	4053606.50	6.04436
731171.38	4053631.50	6.02691	731171.38	4053656.50	5.74393
731171.38	4053681.50	5.89441	731171.38	4053706.50	5.91240
731171.38	4053731.50	6.16087	731171.38	4053756.50	6.47394
731171.38	4053781.50	6.28306	731171.38	4053806.50	6.66466
731171.38	4053831.50	6.86685	731171.38	4053856.50	6.87316
731171.38	4053881.50	6.81690	731171.38	4053906.50	6.46282
731171.38	4053931.50	5.90834	731171.38	4053956.50	5.65303
731171.38	4053981.50	5.70158	731171.38	4054006.50	5.64491

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 134

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731171.38	4054031.50	5.67741	731171.38	4054056.50	5.72292
731171.38	4054081.50	5.59952	731171.38	4054106.50	5.65746
731171.38	4054131.50	5.65853	731171.38	4054156.50	6.02878
731171.38	4054181.50	6.33231	731171.38	4054206.50	5.98705
731171.38	4054231.50	5.58801	731171.38	4054256.50	5.46252
731171.38	4054281.50	5.51987	731171.38	4054306.50	5.38804
731171.38	4054331.50	5.52991	731171.38	4054356.50	5.66556
731171.38	4054381.50	5.61333	731171.38	4054406.50	5.46620
731171.38	4054431.50	5.34503	731171.38	4054456.50	5.36885
731171.38	4054481.50	5.45535	731171.38	4054506.50	5.55481
731171.38	4054531.50	5.74208	731171.38	4054556.50	6.03916
731171.38	4054581.50	5.90974	731171.38	4054606.50	5.77909
731171.38	4054631.50	5.87079	731171.38	4054656.50	5.72930
731171.38	4054681.50	5.60393	731171.38	4054706.50	5.50123
731171.38	4054731.50	5.52704	731171.38	4054756.50	5.60734
731171.38	4054781.50	5.65805	731171.38	4054806.50	5.78002
731171.38	4054831.50	5.86535	731171.38	4054856.50	5.95942
731171.38	4054881.50	5.98467	731171.38	4054906.50	5.83113
731171.38	4054931.50	5.74937	731171.38	4054956.50	5.86957
731171.38	4054981.50	5.84131	731171.38	4055006.50	5.95878
731171.38	4055031.50	6.06216	731171.38	4055056.50	6.11974
731171.38	4055081.50	6.18873	731171.38	4055106.50	6.23815
731171.38	4055131.50	6.19907	731171.38	4055156.50	6.05963
731171.38	4055181.50	5.80589	731171.38	4055206.50	5.60571
731171.38	4055231.50	5.63539	731171.38	4055256.50	5.66634
731171.38	4055281.50	5.66058	731171.38	4055306.50	5.45049
731171.38	4055331.50	5.24192	731196.38	4052331.50	2.04123
731196.38	4052356.50	2.04903	731196.38	4052381.50	2.07691
731196.38	4052406.50	2.09272	731196.38	4052431.50	2.12532
731196.38	4052456.50	2.17252	731196.38	4052481.50	2.19412
731196.38	4052506.50	2.23107	731196.38	4052531.50	2.34195
731196.38	4052556.50	2.37700	731196.38	4052581.50	2.40230
731196.38	4052606.50	2.51424	731196.38	4052631.50	2.59391
731196.38	4052656.50	2.62272	731196.38	4052681.50	2.63193
731196.38	4052706.50	2.82813	731196.38	4052731.50	2.96624
731196.38	4052756.50	2.95147	731196.38	4052781.50	2.89014
731196.38	4052806.50	2.97519	731196.38	4052831.50	3.02721
731196.38	4052856.50	3.10318	731196.38	4052881.50	3.29180
731196.38	4052906.50	3.29167	731196.38	4052931.50	3.39905
731196.38	4052956.50	3.59440	731196.38	4052981.50	3.69961

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 135

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*** MODELOPTs:  RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2      IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
731196.38    4053006.50    3.76826   731196.38    4053031.50    3.72829
731196.38    4053056.50    3.74467   731196.38    4053081.50    3.76079
731196.38    4053106.50    3.74468   731196.38    4053131.50    3.61640
731196.38    4053156.50    3.55896   731196.38    4053181.50    3.83694
731196.38    4053206.50    4.16117   731196.38    4053231.50    4.21511
731196.38    4053256.50    4.08510   731196.38    4053281.50    4.24800
731196.38    4053306.50    4.29668   731196.38    4053331.50    4.11182
731196.38    4053356.50    4.21760   731196.38    4053381.50    4.73822
731196.38    4053406.50    4.96829   731196.38    4053431.50    5.18460
731196.38    4053456.50    5.28305   731196.38    4053481.50    5.38714
731196.38    4053506.50    5.59120   731196.38    4053531.50    5.81819
731196.38    4053556.50    5.74119   731196.38    4053581.50    5.84340
731196.38    4053606.50    6.12282   731196.38    4053631.50    6.12607
731196.38    4053656.50    5.82718   731196.38    4053681.50    5.96541
731196.38    4053706.50    6.01027   731196.38    4053731.50    6.38598
731196.38    4053756.50    6.58664   731196.38    4053781.50    6.52153
731196.38    4053806.50    6.86570   731196.38    4053831.50    6.98921
731196.38    4053856.50    6.96655   731196.38    4053881.50    6.87204
731196.38    4053906.50    6.46520   731196.38    4053931.50    5.89472
731196.38    4053956.50    5.76489   731196.38    4053981.50    5.74658
731196.38    4054006.50    5.69385   731196.38    4054031.50    5.82862
731196.38    4054056.50    5.71160   731196.38    4054081.50    5.70959
731196.38    4054106.50    5.70557   731196.38    4054131.50    5.92770
731196.38    4054156.50    6.34170   731196.38    4054181.50    6.43238
731196.38    4054206.50    5.91867   731196.38    4054231.50    5.72118
731196.38    4054256.50    5.56153   731196.38    4054281.50    5.59241
731196.38    4054306.50    5.51989   731196.38    4054331.50    5.70810
731196.38    4054356.50    5.69359   731196.38    4054381.50    5.62222
731196.38    4054406.50    5.43973   731196.38    4054431.50    5.45839
731196.38    4054456.50    5.48491   731196.38    4054481.50    5.63895
731196.38    4054506.50    5.74335   731196.38    4054531.50    6.00508
731196.38    4054781.50    5.83892   731196.38    4054806.50    5.94389
731196.38    4054831.50    6.01125   731196.38    4054856.50    6.06823
731196.38    4054881.50    5.93918   731196.38    4054906.50    5.77811
731196.38    4054931.50    5.88725   731196.38    4054956.50    5.86421
731196.38    4054981.50    5.98767   731196.38    4055006.50    6.09171
731196.38    4055031.50    6.15256   731196.38    4055056.50    6.21670
731196.38    4055081.50    6.26864   731196.38    4055106.50    6.23623
731196.38    4055131.50    6.16747   731196.38    4055156.50    5.90509
731196.38    4055181.50    5.68490   731196.38    4055206.50    5.71793

*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   10/04/20
*** AERMET - VERSION 18081 ***   ***                                     ***   23:30:46
                                     ***                                     ***   PAGE 136

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*** MODELOPTs:  RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2      IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
731196.38    4055231.50    5.73873   731196.38    4055256.50    5.73698
731196.38    4055281.50    5.54545   731196.38    4055306.50    5.31038
731196.38    4055331.50    5.14160   731221.38    4052331.50    2.03835
731221.38    4052356.50    2.09915   731221.38    4052381.50    2.09921
731221.38    4052406.50    2.10609   731221.38    4052431.50    2.12595
731221.38    4052456.50    2.18925   731221.38    4052481.50    2.19693
731221.38    4052506.50    2.23930   731221.38    4052531.50    2.32745
731221.38    4052556.50    2.41179   731221.38    4052581.50    2.39862
731221.38    4052606.50    2.49879   731221.38    4052631.50    2.61828
731221.38    4052656.50    2.65578   731221.38    4052681.50    2.66095
731221.38    4052706.50    2.81007   731221.38    4052731.50    2.96759
731221.38    4052756.50    3.00056   731221.38    4052781.50    2.96761
731221.38    4052806.50    3.00453   731221.38    4052831.50    3.06672
731221.38    4052856.50    3.11598   731221.38    4052881.50    3.30803
731221.38    4052906.50    3.31108   731221.38    4052931.50    3.42468
731221.38    4052956.50    3.63790   731221.38    4052981.50    3.76786
731221.38    4053006.50    3.79076   731221.38    4053031.50    3.75320
731221.38    4053056.50    3.77186   731221.38    4053081.50    3.79295
731221.38    4053106.50    3.78506   731221.38    4053131.50    3.64850
731221.38    4053156.50    3.61399   731221.38    4053181.50    3.89394
731221.38    4053206.50    4.24515   731221.38    4053231.50    4.25990
731221.38    4053256.50    4.17216   731221.38    4053281.50    4.30501
731221.38    4053306.50    4.36766   731221.38    4053331.50    4.28863
731221.38    4053356.50    4.37153   731221.38    4053381.50    4.83119
731221.38    4053406.50    5.07893   731221.38    4053431.50    5.23726
731221.38    4053456.50    5.33939   731221.38    4053481.50    5.43883
731221.38    4053506.50    5.71073   731221.38    4053531.50    5.88049
731221.38    4053556.50    5.80950   731221.38    4053581.50    6.01193
731221.38    4053606.50    6.19959   731221.38    4053631.50    6.31437
731221.38    4053656.50    5.94307   731221.38    4053681.50    6.00650
731221.38    4053706.50    6.22264   731221.38    4053731.50    6.61934
731221.38    4053756.50    6.61836   731221.38    4053781.50    6.75837
731221.38    4053956.50    5.83835   731221.38    4053981.50    5.78921
731221.38    4054006.50    5.78993   731221.38    4054031.50    5.95437
731221.38    4054056.50    5.75250   731221.38    4054781.50    6.02327
731221.38    4054806.50    6.07662   731221.38    4054831.50    6.16234
731221.38    4054856.50    6.03485   731221.38    4054881.50    5.83584
731221.38    4054906.50    5.90712   731221.38    4054931.50    5.92043
731221.38    4054956.50    6.00871   731221.38    4054981.50    6.12230
731221.38    4055006.50    6.18467   731221.38    4055031.50    6.24227

*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   10/04/20
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                                     ***                                     ***   PAGE 137

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*** MODELOPTs:  RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731221.38	4055056.50	6.29596	731221.38	4055081.50	6.27022
731221.38	4055106.50	6.20736	731221.38	4055131.50	6.00906
731221.38	4055156.50	5.76445	731221.38	4055181.50	5.80118
731221.38	4055206.50	5.78762	731221.38	4055231.50	5.81591
731221.38	4055256.50	5.64195	731221.38	4055281.50	5.37371
731221.38	4055306.50	5.21334	731221.38	4055331.50	4.99156
731246.38	4052331.50	2.05813	731246.38	4052356.50	2.09167
731246.38	4052381.50	2.14227	731246.38	4052406.50	2.12209
731246.38	4052431.50	2.12853	731246.38	4052456.50	2.17334
731246.38	4052481.50	2.21423	731246.38	4052506.50	2.24884
731246.38	4052531.50	2.30426	731246.38	4052556.50	2.45952
731246.38	4052581.50	2.41115	731246.38	4052606.50	2.49020
731246.38	4052631.50	2.61259	731246.38	4052656.50	2.68479
731246.38	4052681.50	2.71664	731246.38	4052706.50	2.79135
731246.38	4052731.50	2.96508	731246.38	4052756.50	3.03453
731246.38	4052781.50	3.02412	731246.38	4052806.50	3.03584
731246.38	4052831.50	3.10201	731246.38	4052856.50	3.12884
731246.38	4052881.50	3.32394	731246.38	4052906.50	3.32987
731246.38	4052931.50	3.45009	731246.38	4052956.50	3.68217
731246.38	4052981.50	3.83858	731246.38	4053006.50	3.81953
731246.38	4053031.50	3.77742	731246.38	4053056.50	3.82546
731246.38	4053081.50	3.82133	731246.38	4053106.50	3.82522
731246.38	4053131.50	3.69293	731246.38	4053156.50	3.66473
731246.38	4053181.50	3.95374	731246.38	4053956.50	5.88746
731246.38	4053981.50	5.82945	731246.38	4054006.50	6.02216
731246.38	4054031.50	5.93227	731246.38	4054056.50	5.84816
731246.38	4054781.50	6.17692	731246.38	4054806.50	6.23711
731246.38	4054831.50	6.13326	731246.38	4054856.50	5.97693
731246.38	4054881.50	5.93063	731246.38	4054906.50	6.02934
731246.38	4054931.50	6.02667	731246.38	4054956.50	6.15080
731246.38	4054981.50	6.21476	731246.38	4055006.50	6.26895
731246.38	4055031.50	6.32394	731246.38	4055056.50	6.30443
731246.38	4055081.50	6.24349	731246.38	4055106.50	6.11635
731246.38	4055131.50	5.84768	731246.38	4055156.50	5.88811
731246.38	4055181.50	5.85661	731246.38	4055206.50	5.89586
731246.38	4055231.50	5.74264	731246.38	4055256.50	5.46127
731246.38	4055281.50	5.28136	731246.38	4055306.50	5.05988
731246.38	4055331.50	4.91586	731271.38	4052331.50	2.08060
731271.38	4052356.50	2.08750	731271.38	4052381.50	2.14748
731271.38	4052406.50	2.13946	731271.38	4052431.50	2.13529

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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 *** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 138

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731271.38	4052456.50	2.16482	731271.38	4052481.50	2.22758
731271.38	4052506.50	2.25950	731271.38	4052531.50	2.29734
731271.38	4052556.50	2.46115	731271.38	4052581.50	2.47265
731271.38	4052606.50	2.48775	731271.38	4052631.50	2.59871
731271.38	4052656.50	2.71270	731271.38	4052681.50	2.74780
731271.38	4052706.50	2.77137	731271.38	4052731.50	2.96171
731271.38	4052756.50	3.04046	731271.38	4052781.50	3.08154
731271.38	4052806.50	3.06833	731271.38	4053981.50	5.91083
731271.38	4054006.50	6.18792	731271.38	4054031.50	5.95891
731271.38	4054056.50	5.94401	731271.38	4054781.50	6.31851
731271.38	4054806.50	6.23339	731271.38	4054831.50	6.09142
731271.38	4054856.50	5.96707	731271.38	4054881.50	6.07596
731271.38	4054906.50	6.04612	731271.38	4054931.50	6.18391
731271.38	4054956.50	6.24727	731271.38	4054981.50	6.29409
731271.38	4055006.50	6.35319	731271.38	4055031.50	6.34241
731271.38	4055056.50	6.29115	731271.38	4055081.50	6.21274
731271.38	4055106.50	5.93824	731271.38	4055131.50	5.97568
731271.38	4055156.50	5.92827	731271.38	4055181.50	5.97852
731271.38	4055206.50	5.84526	731271.38	4055231.50	5.56625
731271.38	4055256.50	5.33195	731271.38	4055281.50	5.15196
731271.38	4055306.50	4.96359	731271.38	4055331.50	4.74338
731296.38	4052331.50	2.09899	731296.38	4052356.50	2.10898
731296.38	4052381.50	2.13802	731296.38	4052406.50	2.18494
731296.38	4052431.50	2.15310	731296.38	4052456.50	2.16591
731296.38	4052481.50	2.23509	731296.38	4052506.50	2.26643
731296.38	4052531.50	2.30123	731296.38	4052556.50	2.44207
731296.38	4052581.50	2.51048	731296.38	4052606.50	2.49193
731296.38	4052631.50	2.58846	731296.38	4052656.50	2.71478
731296.38	4052681.50	2.77975	731296.38	4052706.50	2.78341
731296.38	4052731.50	2.95984	731296.38	4052756.50	3.04646
731296.38	4052781.50	3.12315	731296.38	4052806.50	3.10020
731296.38	4053981.50	6.21794	731296.38	4054006.50	6.19790
731296.38	4054031.50	6.00724	731296.38	4054056.50	6.18675
731296.38	4054781.50	6.33517	731296.38	4054806.50	6.19472
731296.38	4054831.50	6.03322	731296.38	4054856.50	6.11541
731296.38	4054881.50	6.08709	731296.38	4054906.50	6.21862
731296.38	4054931.50	6.28293	731296.38	4054956.50	6.32373
731296.38	4054981.50	6.38241	731296.38	4055006.50	6.37659
731296.38	4055031.50	6.36033	731296.38	4055056.50	6.25453
731296.38	4055081.50	6.04667	731296.38	4055106.50	6.05657

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** *** 23:30:46
 *** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 139

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731296.38	4055131.50	6.00846	731296.38	4055156.50	6.06061
731296.38	4055181.50	5.95001	731296.38	4055206.50	5.66813
731296.38	4055231.50	5.38370	731296.38	4055256.50	5.20442

731296.38	4055281.50	5.01254	731296.38	4055306.50	4.83271
731296.38	4055331.50	4.64172	731321.38	4052331.50	2.13968
731321.38	4052356.50	2.12962	731321.38	4052381.50	2.14481
731321.38	4052406.50	2.19573	731321.38	4052431.50	2.21407
731321.38	4052456.50	2.17770	731321.38	4052481.50	2.23203
731321.38	4052506.50	2.27587	731321.38	4052531.50	2.30868
731321.38	4052556.50	2.42722	731321.38	4052581.50	2.57533
731321.38	4052606.50	2.51660	731321.38	4052631.50	2.58971
731321.38	4052656.50	2.70319	731321.38	4052681.50	2.80981
731321.38	4052706.50	2.83517	731321.38	4052731.50	2.95696
731321.38	4052756.50	3.04548	731321.38	4052781.50	3.13789
731321.38	4052806.50	3.13871	731321.38	4053981.50	6.43026
731321.38	4054006.50	6.20440	731321.38	4054031.50	6.16099
731321.38	4054056.50	6.51251	731321.38	4054781.50	6.30049
731321.38	4054806.50	6.16541	731321.38	4054831.50	6.14880
731321.38	4054856.50	6.20203	731321.38	4054881.50	6.25255
731321.38	4054906.50	6.32008	731321.38	4054931.50	6.36063
731321.38	4054956.50	6.41732	731321.38	4054981.50	6.41848
731321.38	4055006.50	6.43658	731321.38	4055031.50	6.30110
731321.38	4055056.50	6.16160	731321.38	4055081.50	6.10000
731321.38	4055106.50	6.08980	731321.38	4055131.50	6.14273
731321.38	4055156.50	6.03532	731321.38	4055181.50	5.78203
731321.38	4055206.50	5.46294	731321.38	4055231.50	5.27971
731321.38	4055256.50	5.09723	731321.38	4055281.50	4.91641
731321.38	4055306.50	4.71100	731321.38	4055331.50	4.66385
731346.38	4052331.50	2.17645	731346.38	4052356.50	2.14906
731346.38	4052381.50	2.16555	731346.38	4052406.50	2.18643
731346.38	4052431.50	2.21042	731346.38	4052456.50	2.22454
731346.38	4052481.50	2.20670	731346.38	4052506.50	2.28073
731346.38	4052531.50	2.32099	731346.38	4052556.50	2.40712
731346.38	4052581.50	2.60764	731346.38	4052606.50	2.54293
731346.38	4052631.50	2.62896	731346.38	4052656.50	2.68727
731346.38	4052681.50	2.81398	731346.38	4052706.50	2.91349
731346.38	4052731.50	2.95361	731346.38	4052756.50	3.04347
731346.38	4052781.50	3.15080	731346.38	4052806.50	3.17784
731346.38	4053981.50	6.44691	731346.38	4054006.50	6.25196
731346.38	4054031.50	6.45413	731346.38	4054056.50	6.86726

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 140

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731346.38	4054781.50	6.30038	731346.38	4054806.50	6.20718
731346.38	4054831.50	6.23305	731346.38	4054856.50	6.27692
731346.38	4054881.50	6.36055	731346.38	4054906.50	6.39903
731346.38	4054931.50	6.44801	731346.38	4054956.50	6.48465
731346.38	4054981.50	6.51999	731346.38	4055006.50	6.35156
731346.38	4055031.50	6.26509	731346.38	4055056.50	6.14418
731346.38	4055081.50	6.17156	731346.38	4055106.50	6.22527
731346.38	4055131.50	6.10112	731346.38	4055156.50	5.90086
731346.38	4055181.50	5.55775	731346.38	4055206.50	5.35511
731346.38	4055231.50	5.19202	731346.38	4055256.50	4.98834
731346.38	4055281.50	4.81528	731346.38	4055306.50	4.76721
731346.38	4055331.50	4.64226	731371.38	4052331.50	2.13506
731371.38	4052356.50	2.17657	731371.38	4052381.50	2.18631
731371.38	4052406.50	2.20651	731371.38	4052431.50	2.23208
731371.38	4052456.50	2.24153	731371.38	4052481.50	2.21822
731371.38	4052506.50	2.28150	731371.38	4052531.50	2.33038
731371.38	4052556.50	2.38051	731371.38	4052581.50	2.61083
731371.38	4052606.50	2.60560	731371.38	4052631.50	2.63160
731371.38	4052656.50	2.68543	731371.38	4052681.50	2.83238
731371.38	4052706.50	2.93458	731371.38	4052731.50	2.95452
731371.38	4052756.50	3.04103	731371.38	4052781.50	3.16330
731371.38	4052806.50	3.20456	731371.38	4053981.50	6.45976
731371.38	4054006.50	6.39103	731371.38	4054031.50	6.91406
731371.38	4054056.50	7.27065	731371.38	4054781.50	6.26928
731371.38	4054806.50	6.26858	731371.38	4054831.50	6.29923
731371.38	4054856.50	6.39712	731371.38	4054881.50	6.44420
731371.38	4054906.50	6.48518	731371.38	4054931.50	6.55923
731371.38	4054956.50	6.60533	731371.38	4054981.50	6.41490
731371.38	4055006.50	6.31583	731371.38	4055031.50	6.20745
731371.38	4055056.50	6.25707	731371.38	4055081.50	6.28242
731371.38	4055106.50	6.15396	731371.38	4055131.50	6.02158
731371.38	4055156.50	5.70688	731371.38	4055181.50	5.43364
731371.38	4055206.50	5.31141	731371.38	4055231.50	5.06177
731371.38	4055256.50	4.92253	731371.38	4055281.50	4.87376
731371.38	4055306.50	4.74324	731371.38	4055331.50	4.58139
731396.38	4052331.50	2.12117	731396.38	4052356.50	2.20921
731396.38	4052381.50	2.20589	731396.38	4052406.50	2.22893
731396.38	4052431.50	2.24030	731396.38	4052456.50	2.24807
731396.38	4052481.50	2.25933	731396.38	4052506.50	2.28371
731396.38	4052531.50	2.33295	731396.38	4052556.50	2.38082

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 141

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731396.38	4052581.50	2.57300	731396.38	4052606.50	2.64775
731396.38	4052631.50	2.62989	731396.38	4052656.50	2.71710
731396.38	4052681.50	2.85175	731396.38	4052706.50	2.95944
731396.38	4052731.50	2.96639	731396.38	4052756.50	3.03959
731396.38	4052781.50	3.16903	731396.38	4052806.50	3.22188
731396.38	4053981.50	6.50793	731396.38	4054006.50	6.76105
731396.38	4054031.50	7.28220	731396.38	4054056.50	7.61761
731396.38	4054781.50	6.31771	731396.38	4054806.50	6.40577
731396.38	4054831.50	6.43933	731396.38	4054856.50	6.48270
731396.38	4054881.50	6.53171	731396.38	4054906.50	6.63573

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731396.38 4054931.50 6.67460 731396.38 4054956.50 6.49955
731396.38 4054981.50 6.39165 731396.38 4055006.50 6.28221
731396.38 4055031.50 6.34485 731396.38 4055056.50 6.33901
731396.38 4055081.50 6.20829 731396.38 4055106.50 6.14726
731396.38 4055131.50 5.87662 731396.38 4055156.50 5.54556
731396.38 4055181.50 5.42494 731396.38 4055206.50 5.13955
731396.38 4055231.50 5.03402 731396.38 4055256.50 4.98360
731396.38 4055281.50 4.84703 731396.38 4055306.50 4.64322
731396.38 4055331.50 4.55681 731421.38 4052331.50 2.19621
731421.38 4052356.50 2.25136 731421.38 4052381.50 2.22369
731421.38 4052406.50 2.25123 731421.38 4052431.50 2.27403
731421.38 4052456.50 2.26896 731421.38 4052481.50 2.26812
731421.38 4052506.50 2.28534 731421.38 4052531.50 2.33619
731421.38 4052556.50 2.40814 731421.38 4052581.50 2.53815
731421.38 4052606.50 2.67976 731421.38 4052631.50 2.64167
731421.38 4052656.50 2.71902 731421.38 4052681.50 2.84301
731421.38 4052706.50 3.01625 731421.38 4052731.50 2.98679
731421.38 4052756.50 3.04804 731421.38 4052781.50 3.17351
731421.38 4052806.50 3.23901 731421.38 4053981.50 6.63516
731421.38 4054006.50 7.30927 731421.38 4054031.50 7.69048
731421.38 4054056.50 8.00607 731421.38 4054781.50 6.43229
731421.38 4054806.50 6.47424 731421.38 4054831.50 6.52671
731421.38 4054856.50 6.56687 731421.38 4054881.50 6.71809
731421.38 4054906.50 6.74133 731421.38 4054931.50 6.58857
731421.38 4054956.50 6.49244 731421.38 4054981.50 6.38398
731421.38 4055006.50 6.43483 731421.38 4055031.50 6.39755
731421.38 4055056.50 6.26476 731421.38 4055081.50 6.22613
731421.38 4055106.50 6.05056 731421.38 4055131.50 5.66950
731421.38 4055156.50 5.56225 731421.38 4055181.50 5.23970
731421.38 4055206.50 5.16411 731421.38 4055231.50 5.09700

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 142

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731421.38	4055256.50	4.93698	731421.38	4055281.50	4.70526
731421.38	4055306.50	4.63949	731421.38	4055331.50	4.42873
731446.38	4052331.50	2.27985	731446.38	4052356.50	2.28366
731446.38	4052381.50	2.26154	731446.38	4052406.50	2.27121
731446.38	4052431.50	2.29810	731446.38	4052456.50	2.28814
731446.38	4052481.50	2.28296	731446.38	4052506.50	2.29434
731446.38	4052531.50	2.34477	731446.38	4052556.50	2.41384
731446.38	4052581.50	2.52620	731446.38	4052606.50	2.70984
731446.38	4052631.50	2.67907	731446.38	4052656.50	2.71887
731446.38	4052681.50	2.83012	731446.38	4052706.50	3.02678
731446.38	4052731.50	3.02474	731446.38	4052756.50	3.05693
731446.38	4052781.50	3.17131	731446.38	4052806.50	3.25091
731446.38	4053981.50	7.13930	731446.38	4054006.50	7.73948
731446.38	4054031.50	8.10276	731446.38	4054056.50	8.42069
731446.38	4054781.50	6.50122	731446.38	4054806.50	6.56808
731446.38	4054831.50	6.62078	731446.38	4054856.50	6.79773
731446.38	4054881.50	6.80822	731446.38	4054906.50	6.67967
731446.38	4054931.50	6.55274	731446.38	4054956.50	6.55175
731446.38	4054981.50	6.50198	731446.38	4055006.50	6.45571
731446.38	4055031.50	6.33567	731446.38	4055056.50	6.34048
731446.38	4055081.50	6.15694	731446.38	4055106.50	5.79760
731446.38	4055131.50	5.70444	731446.38	4055156.50	5.34246
731446.38	4055181.50	5.30714	731446.38	4055206.50	5.21406
731446.38	4055231.50	5.02282	731446.38	4055256.50	4.76988
731446.38	4055281.50	4.71617	731446.38	4055306.50	4.50886
731446.38	4055331.50	4.42814	731471.38	4052331.50	2.37312
731471.38	4052356.50	2.28490	731471.38	4052381.50	2.30324
731471.38	4052406.50	2.30197	731471.38	4052431.50	2.33535
731471.38	4052456.50	2.33271	731471.38	4052481.50	2.30300
731471.38	4052506.50	2.30263	731471.38	4052531.50	2.38440
731471.38	4052556.50	2.39820	731471.38	4052581.50	2.52147
731471.38	4052606.50	2.71093	731471.38	4052631.50	2.76507
731471.38	4052656.50	2.71753	731471.38	4052681.50	2.82824
731471.38	4052706.50	3.04694	731471.38	4052731.50	3.07792
731471.38	4052756.50	3.05181	731471.38	4052781.50	3.16825
731471.38	4052806.50	3.25535	731471.38	4053981.50	7.70647
731471.38	4054006.50	8.17537	731471.38	4054031.50	8.44104
731471.38	4054056.50	8.51921	731471.38	4054781.50	6.60999
731471.38	4054806.50	6.69213	731471.38	4054831.50	6.87858
731471.38	4054856.50	6.87367	731471.38	4054881.50	6.77129

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 143

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731471.38	4054906.50	6.62363	731471.38	4054931.50	6.65124
731471.38	4054956.50	6.56273	731471.38	4054981.50	6.51429
731471.38	4055006.50	6.41091	731471.38	4055031.50	6.47517
731471.38	4055056.50	6.26563	731471.38	4055081.50	5.94790
731471.38	4055106.50	5.84012	731471.38	4055131.50	5.44855
731471.38	4055156.50	5.45539	731471.38	4055181.50	5.33476
731471.38	4055206.50	5.11067	731471.38	4055231.50	4.84160
731471.38	4055256.50	4.80226	731471.38	4055281.50	4.58489
731471.38	4055306.50	4.50817	731471.38	4055331.50	4.43433
731496.38	4052331.50	2.46712	731496.38	4052356.50	2.35700
731496.38	4052381.50	2.38141	731496.38	4052406.50	2.32826
731496.38	4052431.50	2.35711	731496.38	4052456.50	2.36914
731496.38	4052481.50	2.34213	731496.38	4052506.50	2.32197
731496.38	4052531.50	2.35587	731496.38	4052556.50	2.47941
731496.38	4052581.50	2.51932	731496.38	4052606.50	2.70684
731496.38	4052631.50	2.78867	731496.38	4052656.50	2.75209
731496.38	4052681.50	2.83041	731496.38	4052706.50	3.07135

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731496.38 4052731.50 3.10530 731496.38 4052756.50 3.08890
731496.38 4052781.50 3.16565 731496.38 4052806.50 3.25951
731496.38 4053981.50 8.20591 731496.38 4054006.50 8.64551
731496.38 4054031.50 8.94265 731496.38 4054056.50 8.40462
731496.38 4054806.50 6.95592 731496.38 4054831.50 6.94058
731496.38 4054856.50 6.90402 731496.38 4054881.50 6.73016
731496.38 4054906.50 6.74773 731496.38 4054931.50 6.65910
731496.38 4054956.50 6.57670 731496.38 4054981.50 6.48797
731496.38 4055006.50 6.59038 731496.38 4055031.50 6.34099
731496.38 4055056.50 6.10143 731496.38 4055081.50 5.96636
731496.38 4055106.50 5.58157 731496.38 4055131.50 5.57292
731496.38 4055156.50 5.45922 731496.38 4055181.50 5.20154
731496.38 4055206.50 4.93551 731496.38 4055231.50 4.90202
731496.38 4055256.50 4.66365 731496.38 4055281.50 4.59848
731496.38 4055306.50 4.49432 731496.38 4055331.50 4.45814
731521.38 4052331.50 2.51682 731521.38 4052356.50 2.45318
731521.38 4052381.50 2.44088 731521.38 4052406.50 2.37101
731521.38 4052431.50 2.36385 731521.38 4052456.50 2.40465
731521.38 4052481.50 2.37818 731521.38 4052506.50 2.33865
731521.38 4052531.50 2.33871 731521.38 4052556.50 2.49673
731521.38 4052581.50 2.50312 731521.38 4052606.50 2.70488
731521.38 4052631.50 2.81094 731521.38 4052656.50 2.80731
731521.38 4052681.50 2.82039 731521.38 4052706.50 3.08901
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 144

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
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731521.38 4052731.50 3.14291 731521.38 4052756.50 3.12333
731521.38 4052781.50 3.18218 731521.38 4052806.50 3.26585
731521.38 4053981.50 8.69791 731521.38 4054006.50 8.94177
731521.38 4054031.50 9.07370 731521.38 4054056.50 8.41108
731521.38 4054806.50 7.00794 731521.38 4054831.50 6.99121
731521.38 4054856.50 6.84576 731521.38 4054881.50 6.81379
731521.38 4054906.50 6.79651 731521.38 4054931.50 6.63695
731521.38 4054956.50 6.60993 731521.38 4054981.50 6.65096
731521.38 4055006.50 6.41621 731521.38 4055031.50 6.25227
731521.38 4055056.50 6.09621 731521.38 4055081.50 5.74653
731521.38 4055106.50 5.65835 731521.38 4055131.50 5.58063
731521.38 4055156.50 5.29587 731521.38 4055181.50 5.03673
731521.38 4055206.50 5.00111 731521.38 4055231.50 4.74265
731521.38 4055256.50 4.71112 731521.38 4055281.50 4.54351
731521.38 4055306.50 4.50944 731521.38 4055331.50 4.49706
731546.38 4052331.50 2.49406 731546.38 4052356.50 2.54240
731546.38 4052381.50 2.50676 731546.38 4052406.50 2.44556
731546.38 4052431.50 2.36934 731546.38 4052456.50 2.43088
731546.38 4052481.50 2.42191 731546.38 4052506.50 2.38247
731546.38 4052531.50 2.36055 731546.38 4052556.50 2.47980
731546.38 4052581.50 2.55650 731546.38 4052606.50 2.77247
731546.38 4052631.50 2.82550 731546.38 4052656.50 2.85997
731546.38 4052681.50 2.84091 731546.38 4052706.50 3.08500
731546.38 4052731.50 3.17540 731546.38 4052756.50 3.16324
731546.38 4052781.50 3.21049 731546.38 4052806.50 3.27167
731546.38 4053981.50 9.18795 731546.38 4054006.50 9.44930
731546.38 4054031.50 8.94494 731546.38 4054056.50 8.51377
731546.38 4054806.50 7.07038 731546.38 4054831.50 6.96493
731546.38 4054856.50 6.87711 731546.38 4054881.50 6.85960
731546.38 4054906.50 6.69640 731546.38 4054931.50 6.75881
731546.38 4054956.50 6.71080 731546.38 4054981.50 6.49076
731546.38 4055006.50 6.40674 731546.38 4055031.50 6.22036
731546.38 4055056.50 5.92075 731546.38 4055081.50 5.74854
731546.38 4055106.50 5.66823 731546.38 4055131.50 5.37965
731546.38 4055156.50 5.14582 731546.38 4055181.50 5.09404
731546.38 4055206.50 4.82359 731546.38 4055231.50 4.76635
731546.38 4055256.50 4.59584 731546.38 4055281.50 4.57202
731546.38 4055306.50 4.58606 731546.38 4055331.50 4.56240
731571.38 4052331.50 2.45192 731571.38 4052356.50 2.61062
731571.38 4052381.50 2.53307 731571.38 4052406.50 2.54208
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 145

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731571.38 4052431.50 2.40846 731571.38 4052456.50 2.45498
731571.38 4052481.50 2.47674 731571.38 4052506.50 2.43181
731571.38 4052531.50 2.38255 731571.38 4052556.50 2.44518
731571.38 4052581.50 2.62743 731571.38 4052606.50 2.71546
731571.38 4052631.50 2.89654 731571.38 4052656.50 2.88363
731571.38 4052681.50 2.87921 731571.38 4052706.50 3.08005
731571.38 4052731.50 3.20646 731571.38 4052756.50 3.21503
731571.38 4052781.50 3.20880 731571.38 4052806.50 3.28550
731571.38 4052831.50 3.55936 731571.38 4053981.50 9.58857
731571.38 4054006.50 9.63845 731571.38 4054031.50 8.96634
731571.38 4054056.50 8.61967 731571.38 4054806.50 7.07256
731571.38 4054831.50 6.94212 731571.38 4054856.50 6.91956
731571.38 4054881.50 6.81762 731571.38 4054906.50 6.84407
731571.38 4054931.50 6.77027 731571.38 4054956.50 6.56654
731571.38 4054981.50 6.54363 731571.38 4055006.50 6.32539
731571.38 4055031.50 6.04447 731571.38 4055056.50 5.84029
731571.38 4055081.50 5.72839 731571.38 4055106.50 5.47311
731571.38 4055131.50 5.26802 731571.38 4055156.50 5.17356
731571.38 4055181.50 4.90880 731571.38 4055206.50 4.81963
731571.38 4055231.50 4.65125 731571.38 4055256.50 4.66549
731571.38 4055281.50 4.66081 731571.38 4055306.50 4.68587
731571.38 4055331.50 4.73708 731596.38 4052331.50 2.49759
731596.38 4052356.50 2.58912 731596.38 4052381.50 2.61138
731596.38 4052406.50 2.62429 731596.38 4052431.50 2.45635

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731596.38 4052456.50 2.46312 731596.38 4052481.50 2.50399
731596.38 4052506.50 2.48781 731596.38 4052531.50 2.42878
731596.38 4052556.50 2.41698 731596.38 4052581.50 2.62502
731596.38 4052606.50 2.70407 731596.38 4052631.50 2.93678
731596.38 4052656.50 2.97629 731596.38 4052681.50 2.92390
731596.38 4052706.50 3.07449 731596.38 4052731.50 3.25731
731596.38 4052756.50 3.25079 731596.38 4052781.50 3.24060
731596.38 4052806.50 3.30963 731596.38 4052831.50 3.56176
731596.38 4053981.50 10.01765 731596.38 4054006.50 9.52643
731596.38 4054031.50 9.08094 731596.38 4054056.50 8.73708
731596.38 4054806.50 7.00887 731596.38 4054831.50 6.98630
731596.38 4054856.50 6.95083 731596.38 4054881.50 6.90584
731596.38 4054906.50 6.83124 731596.38 4054931.50 6.66720
731596.38 4054956.50 6.66096 731596.38 4054981.50 6.41976
731596.38 4055006.50 6.14502 731596.38 4055031.50 5.93396
731596.38 4055056.50 5.78058 731596.38 4055081.50 5.60068
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 146

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731596.38	4055106.50	5.39444	731596.38	4055131.50	5.25191
731596.38	4055156.50	4.99305	731596.38	4055181.50	4.88358
731596.38	4055206.50	4.71527	731596.38	4055231.50	4.75084
731596.38	4055256.50	4.73959	731596.38	4055281.50	4.81356
731596.38	4055306.50	4.85334	731596.38	4055331.50	4.77009
731621.38	4052331.50	2.49979	731621.38	4052356.50	2.59016
731621.38	4052381.50	2.66093	731621.38	4052406.50	2.68583
731621.38	4052431.50	2.54104	731621.38	4052456.50	2.52354
731621.38	4052481.50	2.52837	731621.38	4052506.50	2.52575
731621.38	4052531.50	2.48913	731621.38	4052556.50	2.43574
731621.38	4052581.50	2.59304	731621.38	4052606.50	2.71446
731621.38	4052756.50	3.28610	731621.38	4052781.50	3.27888
731621.38	4052806.50	3.30763	731621.38	4052831.50	3.57030
731621.38	4053981.50	10.24142	731621.38	4054006.50	9.56332
731621.38	4054031.50	9.19799	731621.38	4054056.50	8.85911
731621.38	4054081.50	8.48340	731621.38	4054806.50	7.05476
731621.38	4054831.50	7.04800	731621.38	4054856.50	6.96902
731621.38	4054881.50	6.89355	731621.38	4054906.50	6.77156
731621.38	4054931.50	6.76726	731621.38	4054956.50	6.50295
731621.38	4054981.50	6.22215	731621.38	4055006.50	6.02045
731621.38	4055031.50	5.82559	731621.38	4055056.50	5.71934
731621.38	4055081.50	5.52497	731621.38	4055106.50	5.34891
731621.38	4055131.50	5.09629	731621.38	4055156.50	4.95511
731621.38	4055181.50	4.79016	731621.38	4055206.50	4.82930
731621.38	4055231.50	4.82209	731621.38	4055256.50	4.94285
731621.38	4055281.50	4.91826	731621.38	4055306.50	4.86510
731621.38	4055331.50	4.88635	731646.38	4052331.50	2.49766
731646.38	4052356.50	2.57684	731646.38	4052381.50	2.68533
731646.38	4052406.50	2.68937	731646.38	4052756.50	3.33700
731646.38	4052781.50	3.32752	731646.38	4052806.50	3.32977
731646.38	4052831.50	3.57336	731646.38	4053981.50	10.15666
731646.38	4054006.50	9.69084	731646.38	4054031.50	9.31681
731646.38	4054056.50	8.95611	731646.38	4054081.50	8.62279
731646.38	4054806.50	7.20944	731646.38	4054831.50	7.03365
731646.38	4054856.50	6.95729	731646.38	4054881.50	6.91317
731646.38	4054906.50	6.87663	731646.38	4054931.50	6.64052
731646.38	4054956.50	6.30192	731646.38	4054981.50	6.07738
731646.38	4055006.50	5.88107	731646.38	4055031.50	5.82095
731646.38	4055056.50	5.65940	731646.38	4055081.50	5.45206
731646.38	4055106.50	5.21826	731646.38	4055131.50	5.02756

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 147

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731646.38	4055156.50	4.88087	731646.38	4055181.50	4.91223
731646.38	4055206.50	4.95184	731646.38	4055231.50	5.03614
731646.38	4055256.50	4.97574	731646.38	4055281.50	4.96109
731646.38	4055306.50	4.97140	731646.38	4055331.50	4.94083
731671.38	4052331.50	2.56970	731671.38	4052356.50	2.55654
731671.38	4052381.50	2.67469	731671.38	4052406.50	2.75039
731671.38	4052781.50	3.36665	731671.38	4052806.50	3.36231
731671.38	4052831.50	3.62564	731671.38	4053981.50	10.20380
731671.38	4054006.50	9.82058	731671.38	4054031.50	9.43744
731671.38	4054056.50	9.03594	731671.38	4054081.50	8.68924
731671.38	4054806.50	7.12968	731671.38	4054831.50	7.02650
731671.38	4054856.50	7.06856	731671.38	4054881.50	6.99008
731671.38	4054906.50	6.74388	731671.38	4054931.50	6.41852
731671.38	4054956.50	6.15901	731671.38	4054981.50	5.95403
731671.38	4055006.50	5.92044	731671.38	4055031.50	5.79859
731671.38	4055056.50	5.55801	731671.38	4055081.50	5.32095
731671.38	4055106.50	5.09170	731671.38	4055131.50	4.97274
731671.38	4055156.50	5.00234	731671.38	4055181.50	5.04840
731671.38	4055206.50	5.12753	731671.38	4055231.50	5.06081
731671.38	4055256.50	5.05839	731671.38	4055281.50	5.05691
731671.38	4055306.50	5.01081	731671.38	4055331.50	4.79746
731696.38	4052331.50	2.60835	731696.38	4052356.50	2.59617
731696.38	4052381.50	2.66218	731696.38	4052406.50	2.75207
731696.38	4052781.50	3.41366	731696.38	4052806.50	3.40538
731696.38	4052831.50	3.67957	731696.38	4053981.50	10.34706
731696.38	4054006.50	9.95044	731696.38	4054031.50	9.60584
731696.38	4054056.50	9.08244	731696.38	4054081.50	8.76241
731696.38	4054806.50	7.15869	731696.38	4054831.50	7.24431
731696.38	4054856.50	7.10883	731696.38	4054881.50	6.88366
731696.38	4054906.50	6.52814	731696.38	4054931.50	6.24611
731696.38	4054956.50	6.06254	731696.38	4054981.50	6.02063

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731696.38 4055006.50 5.90577 731696.38 4055031.50 5.66713
731696.38 4055056.50 5.41641 731696.38 4055081.50 5.14755
731696.38 4055106.50 5.06629 731696.38 4055131.50 5.13189
731696.38 4055156.50 5.13665 731696.38 4055181.50 5.22016
731696.38 4055206.50 5.16521 731696.38 4055231.50 5.15742
731696.38 4055256.50 5.14379 731696.38 4055281.50 5.05899
731696.38 4055306.50 4.87969 731696.38 4055331.50 4.82889
731721.38 4052331.50 2.68172 731721.38 4052356.50 2.67893
731721.38 4052381.50 2.67207 731721.38 4052406.50 2.76446
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 148

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731721.38 4052781.50 3.47690 731721.38 4052806.50 3.46036
731721.38 4052831.50 3.73510 731721.38 4053981.50 10.49107
731721.38 4054006.50 10.08142 731721.38 4054031.50 9.61936
731721.38 4054056.50 9.25061 731721.38 4054081.50 8.90866
731721.38 4054806.50 7.42666 731721.38 4054831.50 7.23150
731721.38 4054856.50 7.03375 731721.38 4054881.50 6.66185
731721.38 4054906.50 6.37777 731721.38 4054931.50 6.17377
731721.38 4054956.50 6.12393 731721.38 4054981.50 6.00706
731721.38 4055006.50 5.75876 731721.38 4055031.50 5.49625
731721.38 4055056.50 5.20142 731721.38 4055081.50 5.20053
731721.38 4055106.50 5.25377 731721.38 4055131.50 5.23411
731721.38 4055156.50 5.27005 731721.38 4055181.50 5.26476
731721.38 4055206.50 5.25545 731721.38 4055231.50 5.23199
731721.38 4055256.50 5.08150 731721.38 4055281.50 4.96337
731721.38 4055306.50 4.91539 731721.38 4055331.50 4.90209
731746.38 4052331.50 2.77619 731746.38 4052356.50 2.71428
731746.38 4052381.50 2.73330 731746.38 4052406.50 2.77744
731746.38 4052781.50 3.54184 731746.38 4052806.50 3.52817
731746.38 4052831.50 3.79378 731746.38 4053981.50 10.63440
731746.38 4054006.50 10.21063 731746.38 4054031.50 9.53340
731746.38 4054056.50 9.36609 731746.38 4054081.50 9.14099
731746.38 4054806.50 7.35006 731746.38 4054831.50 7.17459
731746.38 4054856.50 6.80985 731746.38 4054881.50 6.52074
731746.38 4054906.50 6.28824 731746.38 4054931.50 6.22944
731746.38 4054956.50 6.11140 731746.38 4054981.50 5.85061
731746.38 4055006.50 5.57795 731746.38 4055031.50 5.30608
731746.38 4055056.50 5.35065 731746.38 4055081.50 5.35781
731746.38 4055106.50 5.33948 731746.38 4055131.50 5.32224
731746.38 4055156.50 5.35957 731746.38 4055181.50 5.35005
731746.38 4055206.50 5.31451 731746.38 4055231.50 5.13389
731746.38 4055256.50 5.03308 731746.38 4055281.50 5.00403
731746.38 4055306.50 5.00010 731746.38 4055331.50 4.95180
731771.38 4052331.50 2.76495 731771.38 4052356.50 2.79556
731771.38 4052381.50 2.79533 731771.38 4052406.50 2.83584
731771.38 4052781.50 3.60726 731771.38 4052806.50 3.59829
731771.38 4052831.50 3.83953 731771.38 4053981.50 10.77671
731771.38 4054006.50 10.23832 731771.38 4054031.50 9.81696
731771.38 4054056.50 9.37090 731771.38 4054081.50 9.16533
731771.38 4054806.50 7.31396 731771.38 4054831.50 6.98891
731771.38 4054856.50 6.66857 731771.38 4054881.50 6.42755
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 149

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731771.38 4054906.50 6.31956 731771.38 4054931.50 6.20991
731771.38 4054956.50 6.00362 731771.38 4054981.50 5.66164
731771.38 4055006.50 5.46526 731771.38 4055031.50 5.48112
731771.38 4055056.50 5.46544 731771.38 4055081.50 5.44820
731771.38 4055106.50 5.42094 731771.38 4055131.50 5.45557
731771.38 4055156.50 5.44505 731771.38 4055181.50 5.37153
731771.38 4055206.50 5.21775 731771.38 4055231.50 5.12619
731771.38 4055256.50 5.10548 731771.38 4055281.50 5.07112
731771.38 4055306.50 4.96654 731771.38 4055331.50 4.91605
731796.38 4052331.50 2.72641 731796.38 4052356.50 2.84647
731796.38 4052381.50 2.84747 731796.38 4052406.50 2.86813
731796.38 4052781.50 3.66201 731796.38 4052806.50 3.66857
731796.38 4052831.50 3.86459 731796.38 4052981.50 4.61198
731796.38 4053006.50 4.68065 731796.38 4053031.50 4.64736
731796.38 4053056.50 4.93541 731796.38 4053081.50 5.25819
731796.38 4053106.50 5.38303 731796.38 4053981.50 10.90115
731796.38 4054006.50 10.31132 731796.38 4054031.50 10.04871
731796.38 4054056.50 9.60552 731796.38 4054081.50 9.18866
731796.38 4054806.50 7.19105 731796.38 4054831.50 6.83387
731796.38 4054856.50 6.56771 731796.38 4054881.50 6.41522
731796.38 4054906.50 6.31098 731796.38 4054931.50 6.14552
731796.38 4054956.50 5.73690 731796.38 4054981.50 5.60309
731796.38 4055006.50 5.58235 731796.38 4055031.50 5.57474
731796.38 4055056.50 5.55774 731796.38 4055081.50 5.53337
731796.38 4055106.50 5.55571 731796.38 4055131.50 5.52503
731796.38 4055156.50 5.42857 731796.38 4055181.50 5.26638
731796.38 4055206.50 5.23238 731796.38 4055231.50 5.18632
731796.38 4055256.50 5.13520 731796.38 4055281.50 5.04839
731796.38 4055306.50 4.96189 731796.38 4055331.50 4.87815
731821.38 4052331.50 2.72939 731821.38 4052356.50 2.81287
731821.38 4052381.50 2.87603 731821.38 4052406.50 2.91908
731821.38 4052781.50 3.72273 731821.38 4052806.50 3.73538
731821.38 4052831.50 3.90851 731821.38 4052981.50 4.70350
731821.38 4053006.50 4.77425 731821.38 4053031.50 4.68059
731821.38 4053056.50 5.07815 731821.38 4053081.50 5.28873
731821.38 4053106.50 5.46193 731821.38 4053981.50 10.95290
731821.38 4054006.50 10.55985 731821.38 4054031.50 9.99380
731821.38 4054056.50 9.69561 731821.38 4054081.50 9.65899

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731821.38 4054806.50 7.00895 731821.38 4054831.50 6.70195
731821.38 4054856.50 6.54993 731821.38 4054881.50 6.43277
*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF NO2 IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731821.38	4054906.50	6.26577	731821.38	4054931.50	5.83879
731821.38	4054956.50	5.71126	731821.38	4054981.50	5.68667
731821.38	4055006.50	5.69210	731821.38	4055031.50	5.66784
731821.38	4055056.50	5.64802	731821.38	4055081.50	5.65892
731821.38	4055106.50	5.58102	731821.38	4055131.50	5.50561
731821.38	4055156.50	5.36544	731821.38	4055181.50	5.33283
731821.38	4055206.50	5.26315	731821.38	4055231.50	5.17871
731821.38	4055256.50	5.12565	731821.38	4055281.50	4.98715
731821.38	4055306.50	4.93221	731821.38	4055331.50	4.86045
731846.38	4052331.50	2.70521	731846.38	4052356.50	2.82062
731846.38	4052381.50	2.90840	731846.38	4052406.50	2.95778
731846.38	4052781.50	3.87332	731846.38	4052806.50	3.79293
731846.38	4052831.50	3.97049	731846.38	4052981.50	4.82920
731846.38	4053006.50	4.87063	731846.38	4053031.50	4.77974
731846.38	4053056.50	5.17916	731846.38	4053081.50	5.32827
731846.38	4053106.50	5.58163	731846.38	4053981.50	11.19209
731846.38	4054006.50	10.79226	731846.38	4054031.50	10.14695
731846.38	4054056.50	9.85652	731846.38	4054081.50	10.28015
731846.38	4054806.50	6.86219	731846.38	4054831.50	6.70379
731846.38	4054856.50	6.55489	731846.38	4054881.50	6.38984
731846.38	4054906.50	5.97777	731846.38	4054931.50	5.82236
731846.38	4054956.50	5.79546	731846.38	4054981.50	5.81441
731846.38	4055006.50	5.74676	731846.38	4055031.50	5.76457
731846.38	4055056.50	5.73119	731846.38	4055081.50	5.63937
731846.38	4055106.50	5.56217	731846.38	4055131.50	5.48046
731846.38	4055156.50	5.41797	731846.38	4055181.50	5.32012
731846.38	4055206.50	5.25880	731846.38	4055231.50	5.16476
731846.38	4055256.50	5.04589	731846.38	4055281.50	4.97987
731846.38	4055306.50	4.90424	731846.38	4055331.50	4.78401
731871.38	4052331.50	2.68131	731871.38	4052356.50	2.76521
731871.38	4052381.50	2.92411	731871.38	4052406.50	2.97841
731871.38	4052781.50	3.95247	731871.38	4052806.50	3.92632
731871.38	4052831.50	4.02198	731871.38	4052981.50	4.96420
731871.38	4053006.50	4.97865	731871.38	4053031.50	4.91772
731871.38	4053056.50	5.24782	731871.38	4053081.50	5.36133
731871.38	4053106.50	5.70904	731871.38	4054006.50	10.69593
731871.38	4054031.50	10.37911	731871.38	4054056.50	10.50695
731871.38	4054081.50	10.80265	731871.38	4054806.50	6.86243
731871.38	4054831.50	6.70743	731871.38	4054856.50	6.51867
731871.38	4054881.50	6.13979	731871.38	4054906.50	5.93564

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF NO2 IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731871.38	4054931.50	5.91223	731871.38	4054956.50	5.93947
731871.38	4054981.50	5.86663	731871.38	4055006.50	5.89098
731871.38	4055031.50	5.80774	731871.38	4055056.50	5.75079
731871.38	4055081.50	5.61668	731871.38	4055106.50	5.56946
731871.38	4055131.50	5.48064	731871.38	4055156.50	5.39358
731871.38	4055181.50	5.32689	731871.38	4055206.50	5.20056
731871.38	4055231.50	5.10334	731871.38	4055256.50	5.02557
731871.38	4055281.50	4.96519	731871.38	4055306.50	4.86441
731871.38	4055331.50	4.76430	731896.38	4052331.50	2.63505
731896.38	4052356.50	2.73757	731896.38	4052381.50	2.86336
731896.38	4052406.50	3.02288	731896.38	4052781.50	4.03053
731896.38	4052806.50	4.04254	731896.38	4052831.50	4.09211
731896.38	4052981.50	5.07508	731896.38	4053006.50	5.09185
731896.38	4053031.50	5.07956	731896.38	4053056.50	5.34940
731896.38	4053081.50	5.39487	731896.38	4053106.50	5.84530
731896.38	4054006.50	10.80941	731896.38	4054031.50	10.74319
731896.38	4054056.50	11.13085	731896.38	4054081.50	11.38795
731896.38	4054806.50	6.90691	731896.38	4054831.50	6.65251
731896.38	4054856.50	6.31621	731896.38	4054881.50	6.05304
731896.38	4054906.50	6.04684	731896.38	4054931.50	6.08039
731896.38	4054956.50	6.00873	731896.38	4054981.50	5.97697
731896.38	4055006.50	5.89651	731896.38	4055031.50	5.89676
731896.38	4055056.50	5.72453	731896.38	4055081.50	5.63437
731896.38	4055106.50	5.53336	731896.38	4055131.50	5.48572
731896.38	4055156.50	5.37722	731896.38	4055181.50	5.26342
731896.38	4055206.50	5.18442	731896.38	4055231.50	5.12923
731896.38	4055256.50	5.06289	731896.38	4055281.50	4.95911
731896.38	4055306.50	4.84676	731896.38	4055331.50	4.73501
731921.38	4052331.50	2.60770	731921.38	4052356.50	2.71185
731921.38	4052381.50	2.85063	731921.38	4052406.50	3.02151
731921.38	4052781.50	4.07592	731921.38	4052806.50	4.15920
731921.38	4052831.50	4.24004	731921.38	4052981.50	5.15094
731921.38	4053006.50	5.20704	731921.38	4053031.50	5.25332
731921.38	4053056.50	5.45370	731921.38	4053081.50	5.44767
731921.38	4053106.50	5.99149	731921.38	4054006.50	11.29734
731921.38	4054031.50	11.42666	731921.38	4054056.50	11.68285
731921.38	4054081.50	12.11915	731921.38	4054306.50	9.76467
731921.38	4054331.50	9.54893	731921.38	4054356.50	9.23498
731921.38	4054381.50	9.38953	731921.38	4054406.50	9.40384
731921.38	4054431.50	8.95090	731921.38	4054456.50	8.96462

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*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731921.38 4054481.50 9.25277 731921.38 4054506.50 9.69777
731921.38 4054531.50 10.14197 731921.38 4054556.50 10.16947
731921.38 4054581.50 9.85057 731921.38 4054606.50 9.31524
731921.38 4054631.50 8.69014 731921.38 4054656.50 8.56515
731921.38 4054681.50 8.46442 731921.38 4054706.50 7.84974
731921.38 4054731.50 7.37702 731921.38 4054756.50 7.19552
731921.38 4054781.50 7.08854 731921.38 4054806.50 6.79273
731921.38 4054831.50 6.48046 731921.38 4054856.50 6.20671
731921.38 4054881.50 6.19736 731921.38 4054906.50 6.22662
731921.38 4054931.50 6.14618 731921.38 4054956.50 6.06275
731921.38 4054981.50 6.05292 731921.38 4055006.50 6.05473
731921.38 4055031.50 5.80713 731921.38 4055056.50 5.68293
731921.38 4055081.50 5.62981 731921.38 4055106.50 5.54733
731921.38 4055131.50 5.48209 731921.38 4055156.50 5.37848
731921.38 4055181.50 5.29613 731921.38 4055206.50 5.24525
731921.38 4055231.50 5.16390 731921.38 4055256.50 5.04080
731921.38 4055281.50 4.89229 731921.38 4055306.50 4.77450
731921.38 4055331.50 4.74378 731946.38 4052331.50 2.61155
731946.38 4052356.50 2.67652 731946.38 4052381.50 2.79169
731946.38 4052406.50 2.96264 731946.38 4052781.50 4.11905
731946.38 4052806.50 4.22987 731946.38 4052831.50 4.39116
731946.38 4052981.50 5.21409 731946.38 4053006.50 5.24740
731946.38 4053031.50 5.44229 731946.38 4053056.50 5.56269
731946.38 4053081.50 5.62988 731946.38 4053106.50 6.12456
731946.38 4053681.50 12.53249 731946.38 4053706.50 12.84651
731946.38 4053731.50 13.62772 731946.38 4053756.50 14.25527
731946.38 4053781.50 14.99600 731946.38 4053806.50 15.55104
731946.38 4053831.50 15.44286 731946.38 4053856.50 14.78588
731946.38 4053881.50 14.29685 731946.38 4053906.50 13.54416
731946.38 4053931.50 12.98454 731946.38 4053956.50 12.53594
731946.38 4053981.50 11.63338 731946.38 4054006.50 11.73973
731946.38 4054031.50 11.99957 731946.38 4054056.50 12.33965
731946.38 4054081.50 13.00022 731946.38 4054106.50 13.04565
731946.38 4054131.50 13.15028 731946.38 4054156.50 12.73023
731946.38 4054181.50 12.36737 731946.38 4054206.50 11.82070
731946.38 4054231.50 10.87005 731946.38 4054256.50 10.53826
731946.38 4054281.50 10.13740 731946.38 4054306.50 9.88038
731946.38 4054331.50 9.50522 731946.38 4054356.50 9.59724
731946.38 4054381.50 9.69049 731946.38 4054406.50 9.21937
731946.38 4054431.50 9.24465 731946.38 4054456.50 9.61681

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 153

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731946.38 4054481.50 10.12985 731946.38 4054506.50 10.49017
731946.38 4054531.50 10.45622 731946.38 4054556.50 10.11195
731946.38 4054581.50 9.64901 731946.38 4054606.50 8.90358
731946.38 4054631.50 8.74707 731946.38 4054656.50 8.75161
731946.38 4054681.50 8.09174 731946.38 4054706.50 7.58047
731946.38 4054731.50 7.37000 731946.38 4054756.50 7.26435
731946.38 4054781.50 6.94435 731946.38 4054806.50 6.65032
731946.38 4054831.50 6.39545 731946.38 4054856.50 6.35217
731946.38 4054881.50 6.37542 731946.38 4054906.50 6.25531
731946.38 4054931.50 6.21463 731946.38 4054956.50 6.22627
731946.38 4054981.50 6.11085 731946.38 4055006.50 5.87230
731946.38 4055031.50 5.77784 731946.38 4055206.50 5.24497
731946.38 4055231.50 5.08828 731946.38 4055256.50 4.94060
731946.38 4055281.50 4.83158 731946.38 4055306.50 4.76491
731946.38 4055331.50 4.66447 731971.38 4052331.50 2.58287
731971.38 4052356.50 2.66094 731971.38 4052381.50 2.77758
731971.38 4052406.50 2.92527 731971.38 4052756.50 3.88594
731971.38 4052781.50 4.16433 731971.38 4052806.50 4.31425
731971.38 4052831.50 4.47639 731971.38 4052856.50 4.51211
731971.38 4052881.50 4.62134 731971.38 4052906.50 4.71669
731971.38 4052931.50 4.91375 731971.38 4052956.50 5.10298
731971.38 4052981.50 5.28766 731971.38 4053006.50 5.28452
731971.38 4053031.50 5.61733 731971.38 4053056.50 5.67535
731971.38 4053081.50 5.84407 731971.38 4053106.50 6.23469
731971.38 4053131.50 6.61157 731971.38 4053156.50 6.79932
731971.38 4053181.50 7.50918 731971.38 4053206.50 8.29467
731971.38 4053231.50 8.74231 731971.38 4053256.50 8.99845
731971.38 4053281.50 9.84358 731971.38 4053306.50 11.12477
731971.38 4053331.50 11.77780 731971.38 4053356.50 13.69514
731971.38 4053381.50 13.95769 731971.38 4053406.50 13.04922
731971.38 4053431.50 12.97743 731971.38 4053456.50 11.94682
731971.38 4053481.50 12.43916 731971.38 4053506.50 12.94882
731971.38 4053531.50 13.38474 731971.38 4053556.50 13.99377
731971.38 4053581.50 14.60893 731971.38 4053606.50 15.03517
731971.38 4053631.50 14.66737 731971.38 4053656.50 13.68958
731971.38 4053681.50 13.12752 731971.38 4053706.50 13.55813
731971.38 4053731.50 14.30578 731971.38 4053756.50 15.03354
731971.38 4053781.50 15.76374 731971.38 4053806.50 16.00546
731971.38 4053831.50 15.64555 731971.38 4053856.50 15.04434
731971.38 4053881.50 14.43706 731971.38 4053906.50 13.61220

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 154

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731971.38	4053931.50	13.34494	731971.38	4053956.50	12.66910
731971.38	4053981.50	12.25396	731971.38	4054006.50	12.34913
731971.38	4054031.50	12.62446	731971.38	4054056.50	13.20453
731971.38	4054081.50	13.44267	731971.38	4054106.50	13.37841
731971.38	4054131.50	13.20351	731971.38	4054156.50	12.72357
731971.38	4054181.50	12.31140	731971.38	4054206.50	11.49617
731971.38	4054231.50	10.92450	731971.38	4054256.50	10.56283
731971.38	4054281.50	10.17745	731971.38	4054306.50	9.88831
731971.38	4054331.50	9.81349	731971.38	4054356.50	9.98723
731971.38	4054381.50	9.50105	731971.38	4054406.50	9.63101
731971.38	4054431.50	9.99948	731971.38	4055206.50	5.13448
731971.38	4055231.50	4.98722	731971.38	4055256.50	4.87220
731971.38	4055281.50	4.77131	731971.38	4055306.50	4.66585
731971.38	4055331.50	4.55702	731996.38	4052331.50	2.59203
731996.38	4052356.50	2.64912	731996.38	4052381.50	2.72886
731996.38	4052406.50	2.90494	731996.38	4052431.50	3.18495
731996.38	4052456.50	3.14601	731996.38	4052481.50	3.29037
731996.38	4052506.50	3.34884	731996.38	4052531.50	3.39401
731996.38	4052556.50	3.48746	731996.38	4052581.50	3.38012
731996.38	4052606.50	3.42489	731996.38	4052631.50	3.46895
731996.38	4052656.50	3.50629	731996.38	4052681.50	3.46425
731996.38	4052706.50	3.37066	731996.38	4052731.50	3.52528
731996.38	4052756.50	3.89248	731996.38	4052781.50	4.20716
731996.38	4052806.50	4.36934	731996.38	4052831.50	4.53095
731996.38	4052856.50	4.68235	731996.38	4052881.50	4.69400
731996.38	4052906.50	4.75112	731996.38	4052931.50	4.94743
731996.38	4052956.50	5.13980	731996.38	4052981.50	5.34417
731996.38	4053006.50	5.32830	731996.38	4053031.50	5.69838
731996.38	4053056.50	5.78560	731996.38	4053081.50	6.07295
731996.38	4053106.50	6.41537	731996.38	4053131.50	6.65771
731996.38	4053156.50	7.01746	731996.38	4053181.50	7.82228
731996.38	4053206.50	8.66654	731996.38	4053231.50	9.19013
731996.38	4053256.50	9.41703	731996.38	4053281.50	10.39766
731996.38	4053306.50	11.75211	731996.38	4053331.50	12.74187
731996.38	4053356.50	14.48735	731996.38	4053381.50	14.29385
731996.38	4053406.50	13.52214	731996.38	4053431.50	13.25461
731996.38	4053456.50	12.38717	731996.38	4053481.50	13.16947
731996.38	4053506.50	13.51249	731996.38	4053531.50	13.93273
731996.38	4053556.50	14.55847	731996.38	4053581.50	15.19819
731996.38	4053831.50	15.92880	731996.38	4053856.50	15.33060

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731996.38	4053881.50	14.41194	731996.38	4053906.50	14.00651
731996.38	4053931.50	13.54465	731996.38	4053956.50	12.62078
731996.38	4053981.50	12.92952	731996.38	4054006.50	13.02730
731996.38	4054031.50	13.46629	731996.38	4054056.50	13.85553
731996.38	4054081.50	13.67315	731996.38	4054206.50	5.03383
731996.38	4055231.50	4.88738	731996.38	4055256.50	4.77446
731996.38	4055281.50	4.66348	731996.38	4055306.50	4.55409
731996.38	4055331.50	4.48380	732021.38	4052331.50	2.64900
732021.38	4052356.50	2.66744	732021.38	4052381.50	2.71003
732021.38	4052406.50	3.03905	732021.38	4052431.50	3.24370
732021.38	4052456.50	3.25279	732021.38	4052481.50	3.24447
732021.38	4052506.50	3.38782	732021.38	4052531.50	3.42430
732021.38	4052556.50	3.49435	732021.38	4052581.50	3.50344
732021.38	4052606.50	3.46989	732021.38	4052631.50	3.50744
732021.38	4052656.50	3.54475	732021.38	4052681.50	3.55483
732021.38	4052706.50	3.49637	732021.38	4052731.50	3.56541
732021.38	4052756.50	3.90886	732021.38	4052781.50	4.22430
732021.38	4052806.50	4.42883	732021.38	4052831.50	4.61070
732021.38	4052856.50	4.72800	732021.38	4052881.50	4.87680
732021.38	4052906.50	4.81320	732021.38	4052931.50	5.03242
732021.38	4052956.50	5.18945	732021.38	4052981.50	5.38643
732021.38	4053006.50	5.42312	732021.38	4053031.50	5.73197
732021.38	4053056.50	5.84764	732021.38	4053081.50	6.31617
732021.38	4053106.50	6.68476	732021.38	4053131.50	6.74745
732021.38	4053156.50	7.29042	732021.38	4053181.50	8.15079
732021.38	4053206.50	9.08211	732021.38	4053831.50	16.20680
732021.38	4053856.50	15.38218	732021.38	4053881.50	14.66824
732021.38	4053906.50	14.32626	732021.38	4053931.50	13.78897
732021.38	4053956.50	13.31477	732021.38	4053981.50	13.43487
732021.38	4054006.50	13.88310	732021.38	4054031.50	14.12965
732021.38	4054056.50	14.09640	732021.38	4055206.50	4.90111
732021.38	4055231.50	4.77580	732021.38	4055256.50	4.66217
732021.38	4055281.50	4.55976	732021.38	4055306.50	4.49213
732021.38	4055331.50	4.41959	732046.38	4052331.50	2.76699
732046.38	4052356.50	2.73504	732046.38	4052381.50	2.74116
732046.38	4052406.50	3.01424	732046.38	4052431.50	3.16751
732046.38	4052456.50	3.30914	732046.38	4052481.50	3.32324
732046.38	4052506.50	3.41926	732046.38	4052531.50	3.44497
732046.38	4052556.50	3.52771	732046.38	4052581.50	3.59180
732046.38	4052606.50	3.55576	732046.38	4052631.50	3.52521

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732046.38	4052656.50	3.63274	732046.38	4052681.50	3.67562
732046.38	4052706.50	3.64775	732046.38	4052731.50	3.59618
732046.38	4052756.50	4.04349	732046.38	4052781.50	4.22177
732046.38	4052806.50	4.45832	732046.38	4052831.50	4.69028
732046.38	4052856.50	4.81671	732046.38	4052881.50	4.95821

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732046.38 4052906.50 5.04013 732046.38 4052931.50 5.11432
732046.38 4052956.50 5.27198 732046.38 4052981.50 5.42980
732046.38 4053006.50 5.59172 732046.38 4053031.50 5.76730
732046.38 4053056.50 6.00561 732046.38 4053081.50 6.51320
732046.38 4053106.50 6.82479 732046.38 4053131.50 6.97323
732046.38 4053156.50 7.60591 732046.38 4053181.50 8.49923
732046.38 4053206.50 9.55484 732046.38 4053856.50 15.44582
732046.38 4053881.50 15.08385 732046.38 4053906.50 14.49490
732046.38 4053931.50 13.81172 732046.38 4053956.50 14.16491
732046.38 4053981.50 14.35333 732046.38 4054006.50 14.45908
732046.38 4054031.50 14.49595 732046.38 4054056.50 14.17122
732046.38 4055206.50 4.78776 732046.38 4055231.50 4.67403
732046.38 4055256.50 4.56984 732046.38 4055281.50 4.50675
732046.38 4055306.50 4.43205 732046.38 4055331.50 4.43558
732071.38 4052331.50 2.84754 732071.38 4052356.50 2.87087
732071.38 4052381.50 2.83197 732071.38 4052406.50 2.92510
732071.38 4052431.50 3.10219 732071.38 4052456.50 3.30575
732071.38 4052481.50 3.36529 732071.38 4052506.50 3.47622
732071.38 4052531.50 3.49563 732071.38 4052556.50 3.52666
732071.38 4052581.50 3.63915 732071.38 4052606.50 3.67853
732071.38 4052631.50 3.65888 732071.38 4052656.50 3.66193
732071.38 4052681.50 3.74855 732071.38 4052706.50 3.77542
732071.38 4052731.50 3.71358 732071.38 4052756.50 4.00721
732071.38 4052781.50 4.27206 732071.38 4052806.50 4.46319
732071.38 4052831.50 4.74123 732071.38 4052856.50 4.90528
732071.38 4052881.50 4.99619 732071.38 4052906.50 5.19491
732071.38 4052931.50 5.26853 732071.38 4052956.50 5.37361
732071.38 4052981.50 5.47823 732071.38 4053006.50 5.76709
732071.38 4053031.50 5.84529 732071.38 4053056.50 6.18705
732071.38 4053081.50 6.75600 732071.38 4053106.50 6.93559
732071.38 4053131.50 7.23689 732071.38 4053156.50 7.92952
732071.38 4053181.50 8.86500 732071.38 4053206.50 10.14685
732071.38 4053856.50 15.79989 732071.38 4053881.50 15.30340
732071.38 4053906.50 14.78727 732071.38 4053931.50 14.55329
732071.38 4053956.50 14.68957 732071.38 4053981.50 14.91093
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 157

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732071.38 4054006.50 14.76399 732071.38 4054031.50 14.61427
732071.38 4054056.50 14.24707 732071.38 4055206.50 4.68732
732071.38 4055231.50 4.60335 732071.38 4055256.50 4.52720
732071.38 4055281.50 4.50595 732071.38 4055306.50 4.53273
732071.38 4055331.50 4.56557 732096.38 4052331.50 2.89331
732096.38 4052356.50 2.91649 732096.38 4052381.50 2.93372
732096.38 4052406.50 2.93403 732096.38 4052431.50 3.13511
732096.38 4052456.50 3.26249 732096.38 4052481.50 3.41623
732096.38 4052506.50 3.44301 732096.38 4052531.50 3.58229
732096.38 4052556.50 3.57891 732096.38 4052581.50 3.65263
732096.38 4052606.50 3.73685 732096.38 4052631.50 3.74487
732096.38 4052656.50 3.77056 732096.38 4052681.50 3.80870
732096.38 4052706.50 3.94818 732096.38 4052731.50 3.84485
732096.38 4052756.50 3.97480 732096.38 4052781.50 4.32380
732096.38 4052806.50 4.46876 732096.38 4052831.50 4.75107
732096.38 4052856.50 4.98114 732096.38 4052881.50 5.05631
732096.38 4052906.50 5.24675 732096.38 4052931.50 5.49987
732096.38 4052956.50 5.53020 732096.38 4052981.50 5.59128
732096.38 4053006.50 5.91470 732096.38 4053031.50 5.95019
732096.38 4053056.50 6.38546 732096.38 4053081.50 6.98007
732096.38 4053106.50 6.98699 732096.38 4053131.50 7.53745
732096.38 4053156.50 8.27950 732096.38 4053181.50 9.28005
732096.38 4053206.50 10.77302 732096.38 4053856.50 16.14063
732096.38 4053881.50 15.49604 732096.38 4053906.50 15.21468
732096.38 4053931.50 15.28568 732096.38 4053956.50 15.35732
732096.38 4053981.50 15.16818 732096.38 4054006.50 14.88100
732096.38 4054031.50 14.65821 732096.38 4054056.50 14.34050
732096.38 4055206.50 4.62609 732096.38 4055231.50 4.59315
732096.38 4055256.50 4.59828 732096.38 4055281.50 4.62865
732096.38 4055306.50 4.58695 732096.38 4055331.50 4.41526
732121.38 4052331.50 3.04859 732121.38 4052356.50 3.03414
732121.38 4052381.50 3.08689 732121.38 4052406.50 2.99842
732121.38 4052431.50 3.15258 732121.38 4052456.50 3.21069
732121.38 4052481.50 3.38150 732121.38 4052506.50 3.45317
732121.38 4052531.50 3.63532 732121.38 4052556.50 3.63654
732121.38 4052581.50 3.70487 732121.38 4052606.50 3.75595
732121.38 4052631.50 3.84488 732121.38 4052656.50 3.87608
732121.38 4052681.50 3.92541 732121.38 4052706.50 4.06313
732121.38 4052731.50 3.97403 732121.38 4052756.50 4.01552
732121.38 4052781.50 4.31433 732121.38 4052806.50 4.60529
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 158

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732121.38 4052831.50 4.75319 732121.38 4052856.50 5.04021
732121.38 4052881.50 5.12167 732121.38 4052906.50 5.29073
732121.38 4052931.50 5.59303 732121.38 4052956.50 5.86054
732121.38 4052981.50 5.77726 732121.38 4053006.50 6.02479
732121.38 4053031.50 6.05796 732121.38 4053056.50 6.64551
732121.38 4053081.50 7.10313 732121.38 4053106.50 7.30335
732121.38 4053131.50 7.77778 732121.38 4053156.50 8.65314
732121.38 4053181.50 9.88678 732121.38 4053206.50 11.40061
732121.38 4053981.50 15.24018 732121.38 4054006.50 14.98056
732121.38 4054031.50 14.78871 732121.38 4054056.50 14.49470
732121.38 4055206.50 4.68746 732121.38 4055231.50 4.68091
732121.38 4055256.50 4.68384 732121.38 4055281.50 4.54883

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732121.38 4055306.50 4.36855 732121.38 4055331.50 4.23341
732146.38 4052331.50 3.09957 732146.38 4052356.50 3.11743
732146.38 4052381.50 3.09719 732146.38 4052406.50 3.16177
732146.38 4052431.50 3.16803 732146.38 4052456.50 3.25167
732146.38 4052481.50 3.36773 732146.38 4052506.50 3.50004
732146.38 4052531.50 3.63127 732146.38 4052556.50 3.71425
732146.38 4052581.50 3.72684 732146.38 4052606.50 3.79075
732146.38 4052631.50 3.85084 732146.38 4052656.50 3.94505
732146.38 4052681.50 4.06181 732146.38 4052706.50 4.23097
732146.38 4052731.50 4.15195 732146.38 4052756.50 4.12843
732146.38 4052781.50 4.34339 732146.38 4052806.50 4.61695
732146.38 4052831.50 4.82464 732146.38 4052856.50 5.06278
732146.38 4052881.50 5.17998 732146.38 4052906.50 5.37090
732146.38 4052931.50 5.69246 732146.38 4052956.50 6.13735
732146.38 4052981.50 5.98256 732146.38 4053006.50 6.14408
732146.38 4053031.50 6.24107 732146.38 4053056.50 6.89722
732146.38 4053081.50 7.13759 732146.38 4053106.50 7.53376
732146.38 4053131.50 8.27456 732146.38 4053156.50 9.05976
732146.38 4053181.50 10.54065 732146.38 4053206.50 11.89010
732146.38 4053981.50 15.27303 732146.38 4054006.50 15.27329
732146.38 4054031.50 14.96596 732146.38 4054056.50 14.30949
732146.38 4055206.50 4.72764 732146.38 4055231.50 4.69155
732146.38 4055256.50 4.50516 732146.38 4055281.50 4.31511
732146.38 4055306.50 4.19580 732146.38 4055331.50 4.09821
732171.38 4052331.50 3.22110 732171.38 4052356.50 3.17678
732171.38 4052381.50 3.18487 732171.38 4052406.50 3.20217
732171.38 4052431.50 3.24051 732171.38 4052456.50 3.32950
732171.38 4052481.50 3.35536 732171.38 4052506.50 3.52259

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 159

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732171.38	4052531.50	3.64730	732171.38	4052556.50	3.79658
732171.38	4052581.50	3.79003	732171.38	4052606.50	3.87818
732171.38	4052631.50	3.90211	732171.38	4052656.50	3.96863
732171.38	4052681.50	4.17112	732171.38	4052706.50	4.29509
732171.38	4052731.50	4.36968	732171.38	4052756.50	4.23365
732171.38	4052781.50	4.43740	732171.38	4052806.50	4.62972
732171.38	4052831.50	4.83369	732171.38	4052856.50	5.10947
732171.38	4052881.50	5.23985	732171.38	4052906.50	5.47070
732171.38	4052931.50	5.78293	732171.38	4052956.50	6.24495
732171.38	4052981.50	6.33545	732171.38	4053006.50	6.26841
732171.38	4053031.50	6.48937	732171.38	4053056.50	7.11355
732171.38	4053081.50	7.24106	732171.38	4053106.50	7.80504
732171.38	4053131.50	8.77692	732171.38	4053156.50	9.57381
732171.38	4053181.50	11.23611	732171.38	4053206.50	12.43588
732171.38	4053981.50	15.59143	732171.38	4054006.50	15.51392
732171.38	4054031.50	14.81472	732171.38	4054056.50	14.42769
732171.38	4055206.50	4.64730	732171.38	4055231.50	4.45735
732171.38	4055256.50	4.25918	732171.38	4055281.50	4.16402
732171.38	4055306.50	4.08037	732171.38	4055331.50	3.92759
732196.38	4052331.50	3.30027	732196.38	4052356.50	3.30965
732196.38	4052381.50	3.30953	732196.38	4052406.50	3.25603
732196.38	4052431.50	3.28242	732196.38	4052456.50	3.34799
732196.38	4052481.50	3.55843	732196.38	4052506.50	3.47874
732196.38	4052531.50	3.61869	732196.38	4052556.50	3.81106
732196.38	4052581.50	3.88427	732196.38	4052606.50	3.99410
732196.38	4052631.50	3.99754	732196.38	4052656.50	4.08121
732196.38	4052681.50	4.21340	732196.38	4052706.50	4.41963
732196.38	4052731.50	4.57262	732196.38	4052756.50	4.43422
732196.38	4052781.50	4.51489	732196.38	4052806.50	4.72694
732196.38	4052831.50	4.84110	732196.38	4052856.50	5.13782
732196.38	4052881.50	5.46551	732196.38	4052906.50	5.57489
732196.38	4052931.50	5.87720	732196.38	4052956.50	6.31293
732196.38	4052981.50	6.47019	732196.38	4053006.50	6.54694
732196.38	4053031.50	6.78529	732196.38	4053056.50	7.39341
732196.38	4053081.50	7.47425	732196.38	4053106.50	8.15057
732196.38	4053131.50	9.27513	732196.38	4053156.50	10.26708
732196.38	4053181.50	11.97560	732196.38	4053206.50	13.21968
732196.38	4053981.50	15.86648	732196.38	4054006.50	15.43902
732196.38	4054031.50	15.09206	732196.38	4054056.50	14.41371
732196.38	4055206.50	4.40524	732196.38	4055231.50	4.23102

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 160

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **

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732221.38 4053181.50 12.54091 732221.38 4053206.50 14.00707
732221.38 4053231.50 15.57460 732221.38 4053981.50 16.25804
732221.38 4054006.50 15.52758 732221.38 4054031.50 15.09409
732221.38 4054056.50 14.88917 732221.38 4055206.50 4.27568
732221.38 4055231.50 4.27749 732221.38 4055256.50 4.27783
732221.38 4055281.50 4.24271 732221.38 4055306.50 4.23342
732221.38 4055331.50 4.24647 732246.38 4052331.50 3.53300
732246.38 4052356.50 3.41412 732246.38 4052381.50 3.45346
732246.38 4052406.50 3.47885 732246.38 4052431.50 3.52639
732246.38 4052456.50 3.55412 732246.38 4052481.50 3.58824
732246.38 4052506.50 3.90239 732246.38 4052531.50 4.02073
732246.38 4052556.50 3.99201 732246.38 4052581.50 4.18299
732246.38 4052606.50 4.11678 732246.38 4052631.50 4.23445
732246.38 4052656.50 4.27096 732246.38 4052681.50 4.36006
732246.38 4052706.50 4.63610 732246.38 4052731.50 4.94101
732246.38 4052756.50 4.90925 732246.38 4052781.50 4.77706
732246.38 4052806.50 4.98802 732246.38 4052831.50 5.03860
732246.38 4052856.50 5.16798 732246.38 4052881.50 5.63150
732246.38 4052906.50 6.12548 732246.38 4052931.50 6.06021
732246.38 4052956.50 6.44902 732246.38 4052981.50 6.94939
732246.38 4053006.50 7.75999 732246.38 4053031.50 7.73665
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 161

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732246.38 4053056.50 7.73008 732246.38 4053081.50 8.15981
732246.38 4053106.50 8.91679 732246.38 4053131.50 10.37139
732246.38 4053156.50 11.93589 732246.38 4053181.50 13.51368
732246.38 4053206.50 14.84347 732246.38 4053231.50 16.58677
732246.38 4053981.50 16.25237 732246.38 4054006.50 15.81369
732246.38 4054031.50 15.48929 732246.38 4054056.50 15.01644
732246.38 4055206.50 4.51149 732246.38 4055231.50 4.50925
732246.38 4055256.50 4.45129 732246.38 4055281.50 4.41013
732246.38 4055306.50 4.34117 732246.38 4055331.50 4.20692
732271.38 4052331.50 3.76744 732271.38 4052356.50 3.65266
732271.38 4052381.50 3.52244 732271.38 4052406.50 3.53639
732271.38 4052431.50 3.57535 732271.38 4052456.50 3.60757
732271.38 4052481.50 3.64911 732271.38 4052506.50 4.02214
732271.38 4052531.50 4.07983 732271.38 4052556.50 4.14805
732271.38 4052581.50 4.24493 732271.38 4052606.50 4.33953
732271.38 4052631.50 4.37448 732271.38 4052656.50 4.38375
732271.38 4052681.50 4.44979 732271.38 4052706.50 4.65918
732271.38 4052731.50 5.08472 732271.38 4052756.50 5.19541
732271.38 4052781.50 5.01060 732271.38 4052806.50 5.17465
732271.38 4052831.50 5.19668 732271.38 4052856.50 5.18548
732271.38 4052881.50 5.69891 732271.38 4052906.50 6.28968
732271.38 4052931.50 6.37832 732271.38 4052956.50 6.52370
732271.38 4052981.50 7.27564 732271.38 4053006.50 8.24300
732271.38 4053031.50 8.27248 732271.38 4053056.50 8.41918
732271.38 4053081.50 8.60045 732271.38 4053106.50 9.46290
732271.38 4053131.50 11.06174 732271.38 4053156.50 12.86183
732271.38 4053181.50 14.64671 732271.38 4053206.50 15.85331
732271.38 4053231.50 17.57266 732271.38 4053981.50 16.56775
732271.38 4054006.50 16.12103 732271.38 4054031.50 15.89845
732271.38 4054056.50 15.72807 732271.38 4055206.50 4.60834
732271.38 4055231.50 4.50054 732271.38 4055256.50 4.44441
732271.38 4055281.50 4.32969 732271.38 4055306.50 4.17825
732271.38 4055331.50 4.04162 732296.38 4052331.50 3.95156
732296.38 4052356.50 3.88037 732296.38 4052381.50 3.79177
732296.38 4052406.50 3.68064 732296.38 4052431.50 3.64181
732296.38 4052456.50 3.70538 732296.38 4052481.50 3.72155
732296.38 4052506.50 3.95463 732296.38 4052531.50 4.18530
732296.38 4052556.50 4.32862 732296.38 4052581.50 4.31766
732296.38 4052606.50 4.48154 732296.38 4052631.50 4.52154
732296.38 4052656.50 4.52637 732296.38 4052681.50 4.57353
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 162

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732296.38 4052706.50 4.70497 732296.38 4052731.50 5.11453
732296.38 4052756.50 5.46732 732296.38 4052781.50 5.35176
732296.38 4052806.50 5.28807 732296.38 4052831.50 5.44243
732296.38 4052856.50 5.36209 732296.38 4052881.50 5.75921
732296.38 4052906.50 6.38819 732296.38 4052931.50 6.50219
732296.38 4052956.50 6.63810 732296.38 4052981.50 7.69033
732296.38 4053006.50 8.44728 732296.38 4053031.50 8.77830
732296.38 4053056.50 9.18345 732296.38 4053081.50 9.56763
732296.38 4053106.50 10.06350 732296.38 4053131.50 11.86677
732296.38 4053156.50 13.74600 732296.38 4053181.50 15.53560
732296.38 4053206.50 16.94585 732296.38 4053231.50 18.71395
732296.38 4053981.50 16.87985 732296.38 4054006.50 16.69055
732296.38 4054031.50 16.52842 732296.38 4054056.50 16.59456
732296.38 4055206.50 4.49137 732296.38 4055231.50 4.42096
732296.38 4055256.50 4.27694 732296.38 4055281.50 4.13843
732296.38 4055306.50 4.01609 732296.38 4055331.50 3.90187
732321.38 4052331.50 4.09136 732321.38 4052356.50 4.03932
732321.38 4052381.50 3.99276 732321.38 4052406.50 3.94168
732321.38 4052431.50 3.82954 732321.38 4052456.50 3.77786
732321.38 4052481.50 3.83240 732321.38 4052506.50 3.91873
732321.38 4052531.50 4.27958 732321.38 4052556.50 4.42652
732321.38 4052581.50 4.51636 732321.38 4052606.50 4.50916
732321.38 4052631.50 4.79279 732321.38 4052656.50 4.82439
732321.38 4052681.50 4.73982 732321.38 4052706.50 4.81936
732321.38 4052731.50 5.16198 732321.38 4052756.50 5.62027
732321.38 4052781.50 5.58357 732321.38 4052806.50 5.57890

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732321.38 4052831.50 5.53207 732321.38 4052856.50 5.62457
732321.38 4052881.50 5.89362 732321.38 4052906.50 6.49346
732321.38 4052931.50 6.61432 732321.38 4052956.50 7.15368
732321.38 4052981.50 8.14167 732321.38 4053006.50 8.65727
732321.38 4053031.50 9.31521 732321.38 4053056.50 9.80117
732321.38 4053081.50 10.56049 732321.38 4053106.50 11.00092
732321.38 4053131.50 12.72262 732321.38 4053156.50 14.81810
732321.38 4053181.50 16.46640 732321.38 4053206.50 18.12633
732321.38 4053231.50 19.76180 732321.38 4053981.50 17.45500
732321.38 4054006.50 17.31718 732321.38 4054031.50 17.46213
732321.38 4054056.50 17.28319 732321.38 4055231.50 4.23719
732321.38 4055256.50 4.11804 732321.38 4055281.50 4.01834
732321.38 4055306.50 3.88099 732321.38 4055331.50 3.74600
732346.38 4052331.50 4.10371 732346.38 4052356.50 4.18501
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 163

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732346.38	4052381.50	4.13168	732346.38	4052406.50	4.11252
732346.38	4052431.50	4.08693	732346.38	4052456.50	3.98133
732346.38	4052481.50	3.93390	732346.38	4052506.50	3.97465
732346.38	4052531.50	4.32351	732346.38	4052556.50	4.47403
732346.38	4052581.50	4.63493	732346.38	4052606.50	4.64310
732346.38	4052631.50	4.83176	732346.38	4052656.50	5.00027
732346.38	4052681.50	5.03420	732346.38	4052706.50	5.02261
732346.38	4052731.50	5.25002	732346.38	4052756.50	5.73443
732346.38	4052781.50	5.87849	732346.38	4052806.50	5.89310
732346.38	4052831.50	5.92439	732346.38	4052856.50	5.78053
732346.38	4052881.50	6.16861	732346.38	4052906.50	6.62925
732346.38	4052931.50	6.80335	732346.38	4052956.50	7.40748
732346.38	4052981.50	8.56483	732346.38	4053006.50	8.89483
732346.38	4053031.50	9.88608	732346.38	4053056.50	10.56925
732346.38	4053081.50	11.20017	732346.38	4053106.50	12.18528
732346.38	4053131.50	13.64978	732346.38	4053156.50	15.80561
732346.38	4053181.50	17.46595	732346.38	4053206.50	19.48105
732346.38	4053231.50	20.81965	732346.38	4053981.50	18.15619
732346.38	4054006.50	18.35519	732346.38	4054031.50	18.10486
732346.38	4054056.50	17.65977	732346.38	4055231.50	4.12027
732346.38	4055256.50	3.99907	732346.38	4055281.50	3.85567
732346.38	4055306.50	3.75341	732346.38	4055331.50	3.65922
732371.38	4052331.50	4.11994	732371.38	4052356.50	4.24282
732371.38	4052381.50	4.25981	732371.38	4052406.50	4.22916
732371.38	4052431.50	4.23805	732371.38	4052456.50	4.23582
732371.38	4052481.50	4.14253	732371.38	4052506.50	4.11313
732371.38	4052531.50	4.23514	732371.38	4052556.50	4.57730
732371.38	4052581.50	4.73779	732371.38	4052606.50	4.78568
732371.38	4052631.50	4.83792	732371.38	4052656.50	5.11391
732371.38	4052681.50	5.19339	732371.38	4052706.50	5.22492
732371.38	4052731.50	5.35785	732371.38	4052756.50	5.96420
732371.38	4052781.50	6.09474	732371.38	4052806.50	6.04757
732371.38	4052831.50	6.18800	732371.38	4052856.50	6.14062
732371.38	4052881.50	6.43077	732371.38	4052906.50	7.18570
732371.38	4052931.50	6.98611	732371.38	4052956.50	7.67703
732371.38	4052981.50	9.00420	732371.38	4053006.50	9.29816
732371.38	4053031.50	10.69041	732371.38	4053056.50	11.40203
732371.38	4053081.50	12.04967	732371.38	4053106.50	13.23628
732371.38	4053131.50	15.03084	732371.38	4053156.50	16.82434
732371.38	4053181.50	18.62623	732371.38	4053206.50	21.04116

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732371.38	4053231.50	22.26399	732371.38	4053981.50	19.13382
732371.38	4054006.50	18.95377	732371.38	4054031.50	18.54156
732371.38	4054056.50	18.06944	732371.38	4055231.50	4.00299
732371.38	4055256.50	3.87962	732371.38	4055281.50	3.75612
732371.38	4055306.50	3.62454	732371.38	4055331.50	3.56818
732396.38	4052331.50	4.17307	732396.38	4052356.50	4.24946
732396.38	4052381.50	4.31954	732396.38	4052406.50	4.32979
732396.38	4052431.50	4.35660	732396.38	4052456.50	4.37295
732396.38	4052481.50	4.39052	732396.38	4052506.50	4.33431
732396.38	4052531.50	4.30640	732396.38	4052556.50	4.67234
732396.38	4052581.50	4.81023	732396.38	4052606.50	4.95986
732396.38	4052631.50	4.94475	732396.38	4052656.50	5.17961
732396.38	4052681.50	5.35421	732396.38	4052706.50	5.45366
732396.38	4052731.50	5.50105	732396.38	4052756.50	5.97490
732396.38	4052781.50	6.41539	732396.38	4052806.50	6.32624
732396.38	4052831.50	6.50703	732396.38	4052856.50	6.50843
732396.38	4052881.50	6.79067	732396.38	4052906.50	7.41336
732396.38	4052931.50	7.62716	732396.38	4052956.50	8.09671
732396.38	4052981.50	9.43030	732396.38	4053006.50	9.94909
732396.38	4053031.50	11.57700	732396.38	4053056.50	12.30036
732396.38	4053081.50	13.06245	732396.38	4053106.50	14.16077
732396.38	4053131.50	16.09372	732396.38	4053156.50	17.95368
732396.38	4053181.50	20.01714	732396.38	4053206.50	22.28541
732396.38	4053231.50	23.83817	732396.38	4053981.50	19.86510
732396.38	4054006.50	19.56241	732396.38	4054031.50	18.89909
732396.38	4054056.50	18.42068	732396.38	4055231.50	3.86316
732396.38	4055256.50	3.77316	732396.38	4055281.50	3.72656
732396.38	4055306.50	3.60571	732396.38	4055331.50	3.46710
732421.38	4052331.50	4.18459	732421.38	4052356.50	4.26528
732421.38	4052381.50	4.42501	732421.38	4052406.50	4.48388
732421.38	4052431.50	4.49659	732421.38	4052456.50	4.48376
732421.38	4052481.50	4.51801	732421.38	4052506.50	4.56146
732421.38	4052531.50	4.54255	732421.38	4052556.50	4.70088

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732421.38 4052581.50 4.90843 732421.38 4052606.50 5.10762
732421.38 4052631.50 5.13711 732421.38 4052656.50 5.23794
732421.38 4052681.50 5.44184 732421.38 4052706.50 5.58237
732421.38 4052731.50 5.70568 732421.38 4052756.50 6.00006
732421.38 4052781.50 6.56446 732421.38 4052806.50 6.77325
732421.38 4052831.50 6.86625 732421.38 4052856.50 6.94904
732421.38 4052881.50 7.09821 732421.38 4052906.50 7.66438
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732421.38	4052931.50	8.12690	732421.38	4052956.50	8.88402
732421.38	4052981.50	9.94351	732421.38	4053006.50	10.96410
732421.38	4053031.50	12.53917	732421.38	4053056.50	13.34592
732421.38	4053081.50	14.14478	732421.38	4053106.50	15.36831
732421.38	4053131.50	17.28910	732421.38	4053156.50	19.47970
732421.38	4053181.50	21.84511	732421.38	4053206.50	23.53494
732421.38	4053231.50	25.19609	732421.38	4053981.50	20.50188
732421.38	4054006.50	19.78491	732421.38	4054031.50	19.27784
732421.38	4054056.50	18.58068	732421.38	4055231.50	3.87992
732421.38	4055256.50	3.72870	732421.38	4055281.50	3.58618
732421.38	4055306.50	3.54899	732421.38	4055331.50	3.55947
732446.38	4052331.50	4.15557	732446.38	4052356.50	4.27144
732446.38	4052381.50	4.39738	732446.38	4052406.50	4.51671
732446.38	4052431.50	4.57848	732446.38	4052456.50	4.64223
732446.38	4052481.50	4.72394	732446.38	4052506.50	4.69744
732446.38	4052531.50	4.73339	732446.38	4052556.50	4.76982
732446.38	4052581.50	5.02683	732446.38	4052606.50	5.18769
732446.38	4052631.50	5.38519	732446.38	4052656.50	5.32164
732446.38	4052681.50	5.57729	732446.38	4052706.50	5.70670
732446.38	4052731.50	5.83498	732446.38	4052756.50	6.34132
732446.38	4052781.50	6.70580	732446.38	4052806.50	6.99162
732446.38	4052831.50	7.28579	732446.38	4052856.50	7.29215
732446.38	4052881.50	7.51573	732446.38	4052906.50	7.89462
732446.38	4052931.50	8.60619	732446.38	4052956.50	9.42551
732446.38	4052981.50	10.64623	732446.38	4053006.50	12.03988
732446.38	4053031.50	13.91322	732446.38	4053056.50	14.37210
732446.38	4053081.50	15.30052	732446.38	4053106.50	16.72996
732446.38	4053131.50	18.62102	732446.38	4053156.50	20.86002
732446.38	4053181.50	23.22057	732446.38	4053206.50	24.95812
732446.38	4053231.50	26.41220	732446.38	4053981.50	20.84098
732446.38	4054006.50	20.16888	732446.38	4054031.50	19.39620
732446.38	4054056.50	19.32904	732446.38	4055231.50	3.82607
732446.38	4055256.50	3.79827	732446.38	4055281.50	3.69228
732446.38	4055306.50	3.59794	732446.38	4055331.50	3.47462
732471.38	4052331.50	4.17804	732471.38	4052356.50	4.23638
732471.38	4052381.50	4.36839	732471.38	4052406.50	4.51574
732471.38	4052431.50	4.62543	732471.38	4052456.50	4.76195
732471.38	4052481.50	4.82530	732471.38	4052506.50	4.89184
732471.38	4052531.50	4.98074	732471.38	4052556.50	5.01654
732471.38	4052581.50	5.19742	732471.38	4052606.50	5.27891

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*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732471.38	4052631.50	5.49505	732471.38	4052656.50	5.59912
732471.38	4052681.50	5.71226	732471.38	4052706.50	5.84282
732471.38	4052731.50	5.98220	732471.38	4052756.50	6.41699
732471.38	4052781.50	7.08534	732471.38	4052806.50	7.24800
732471.38	4052831.50	7.71766	732471.38	4052856.50	7.98379
732471.38	4052881.50	7.95353	732471.38	4052906.50	8.21132
732471.38	4052931.50	9.01041	732471.38	4052956.50	10.03501
732471.38	4052981.50	11.18629	732471.38	4053006.50	13.38653
732471.38	4053031.50	15.39861	732471.38	4053056.50	15.87793
732471.38	4053081.50	16.81091	732471.38	4053106.50	18.33668
732471.38	4053131.50	20.18109	732471.38	4053156.50	22.77044
732471.38	4053181.50	24.78320	732471.38	4053206.50	26.46082
732471.38	4053231.50	27.69221	732471.38	4053981.50	21.12038
732471.38	4054006.50	20.26061	732471.38	4054031.50	20.15884
732471.38	4054056.50	19.02146	732471.38	4055231.50	3.79716
732471.38	4055256.50	3.68912	732471.38	4055281.50	3.58195
732471.38	4055306.50	3.49911	732471.38	4055331.50	3.46226
732496.38	4052331.50	4.31689	732496.38	4052356.50	4.30363
732496.38	4052381.50	4.33406	732496.38	4052406.50	4.45114
732496.38	4052431.50	4.73323	732496.38	4052456.50	4.81837
732496.38	4052481.50	4.85552	732496.38	4052506.50	5.04516
732496.38	4052531.50	5.18975	732496.38	4052556.50	5.20071
732496.38	4052581.50	5.37181	732496.38	4052606.50	5.60952
732496.38	4052631.50	5.63384	732496.38	4052656.50	5.85141
732496.38	4052681.50	5.92406	732496.38	4052706.50	5.98870
732496.38	4052731.50	6.18867	732496.38	4052756.50	6.53870
732496.38	4052781.50	7.41631	732496.38	4052806.50	7.64586
732496.38	4052831.50	8.04205	732496.38	4052856.50	8.35385
732496.38	4052881.50	8.41328	732496.38	4052906.50	8.68184
732496.38	4052931.50	9.81522	732496.38	4052956.50	10.65228
732496.38	4052981.50	12.26275	732496.38	4053006.50	15.12373
732496.38	4053031.50	16.71990	732496.38	4053056.50	17.60966
732496.38	4053081.50	18.94577	732496.38	4053106.50	20.18140
732496.38	4053131.50	21.91602	732496.38	4053156.50	24.31026
732496.38	4053181.50	26.54066	732496.38	4053206.50	28.05443
732496.38	4053231.50	29.11688	732496.38	4053981.50	21.21682
732496.38	4054006.50	20.97405	732496.38	4054031.50	19.83467
732496.38	4054056.50	18.59042	732496.38	4054081.50	17.63805
732496.38	4055231.50	3.70517	732496.38	4055256.50	3.60095
732496.38	4055281.50	3.54650	732496.38	4055306.50	3.45704

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732496.38	4055331.50	3.34034	732521.38	4052331.50	4.75796
732521.38	4052356.50	4.71091	732521.38	4052381.50	4.61856
732521.38	4052406.50	4.53386	732521.38	4052431.50	4.61002
732521.38	4052456.50	4.83460	732521.38	4052481.50	4.90566
732521.38	4052506.50	5.03394	732521.38	4052531.50	5.21728
732521.38	4052556.50	5.35074	732521.38	4052581.50	5.50347
732521.38	4052606.50	5.70353	732521.38	4052631.50	5.88378
732521.38	4052656.50	6.07944	732521.38	4052681.50	6.19608
732521.38	4052706.50	6.29887	732521.38	4052731.50	6.36817
732521.38	4052756.50	6.72412	732521.38	4052781.50	7.40490
732521.38	4052806.50	7.98415	732521.38	4052831.50	8.23833
732521.38	4052856.50	8.87189	732521.38	4052881.50	8.90269
732521.38	4052906.50	9.11597	732521.38	4052931.50	10.86770
732521.38	4052956.50	11.81142	732521.38	4052981.50	13.66868
732521.38	4053006.50	17.30729	732521.38	4053031.50	18.15422
732521.38	4053056.50	19.30704	732521.38	4053081.50	21.05943
732521.38	4053106.50	22.21173	732521.38	4053131.50	24.42707
732521.38	4053156.50	25.97604	732521.38	4053181.50	28.30700
732521.38	4053206.50	29.89116	732521.38	4053231.50	30.53132
732521.38	4053981.50	21.79738	732521.38	4054006.50	20.71352
732521.38	4054031.50	19.30375	732521.38	4054056.50	18.39344
732521.38	4054081.50	17.46182	732521.38	4055231.50	3.62855
732521.38	4055256.50	3.52402	732521.38	4055281.50	3.44269
732521.38	4055306.50	3.44211	732521.38	4055331.50	3.44024
732546.38	4052331.50	4.94605	732546.38	4052356.50	4.93955
732546.38	4052381.50	4.92449	732546.38	4052406.50	4.92207
732546.38	4052431.50	4.91378	732546.38	4052456.50	5.14883
732546.38	4052481.50	5.13504	732546.38	4052506.50	5.02795
732546.38	4052531.50	5.20476	732546.38	4052556.50	5.41311
732546.38	4052581.50	5.62671	732546.38	4052606.50	5.86940
732546.38	4052631.50	6.10009	732546.38	4052656.50	6.27594
732546.38	4052681.50	6.45956	732546.38	4052706.50	6.62387
732546.38	4052731.50	6.70721	732546.38	4052756.50	6.93265
732546.38	4052781.50	7.38778	732546.38	4052806.50	8.45589
732546.38	4052831.50	8.59081	732546.38	4052856.50	9.59114
732546.38	4052881.50	9.66808	732546.38	4052906.50	9.76332
732546.38	4052931.50	11.97029	732546.38	4052956.50	13.95239
732546.38	4052981.50	15.08346	732546.38	4053006.50	19.59523
732546.38	4053031.50	20.08226	732546.38	4053056.50	21.17011
732546.38	4053081.50	23.07427	732546.38	4053106.50	24.45058

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732546.38	4053131.50	26.71144	732546.38	4053156.50	28.03448
732546.38	4053181.50	29.96051	732546.38	4053206.50	31.55203
732546.38	4053231.50	32.47944	732546.38	4053981.50	21.54460
732546.38	4054006.50	20.10534	732546.38	4054031.50	19.19494
732546.38	4054056.50	18.13149	732546.38	4054081.50	17.10717
732546.38	4055231.50	3.58795	732546.38	4055256.50	3.57184
732546.38	4055281.50	3.55442	732546.38	4055306.50	3.53552
732546.38	4055331.50	3.51552	732571.38	4052331.50	5.21647
732571.38	4052356.50	5.25818	732571.38	4052381.50	5.29160
732571.38	4052406.50	5.22753	732571.38	4052431.50	5.17420
732571.38	4052456.50	5.20055	732571.38	4052481.50	5.36485
732571.38	4052506.50	5.45176	732571.38	4052531.50	5.59615
732571.38	4052556.50	5.54904	732571.38	4052581.50	5.67104
732571.38	4052606.50	5.94382	732571.38	4052631.50	6.27126
732571.38	4052656.50	6.49205	732571.38	4052681.50	6.80616
732571.38	4052706.50	6.99476	732571.38	4052731.50	7.09021
732571.38	4052756.50	7.21497	732571.38	4052781.50	7.62616
732571.38	4052806.50	8.86578	732571.38	4052831.50	9.00274
732571.38	4052856.50	9.95457	732571.38	4052881.50	10.70335
732571.38	4052906.50	10.74880	732571.38	4052931.50	12.67120
732571.38	4052956.50	15.66361	732571.38	4052981.50	17.53232
732571.38	4053006.50	21.78598	732571.38	4053031.50	22.43810
732571.38	4053056.50	23.36917	732571.38	4053081.50	24.94880
732571.38	4053106.50	27.30488	732571.38	4053131.50	28.74962
732571.38	4053156.50	30.06986	732571.38	4053181.50	31.71916
732571.38	4053206.50	33.05841	732571.38	4053231.50	34.30437
732571.38	4054006.50	20.04701	732571.38	4054031.50	18.83705
732571.38	4054056.50	17.84362	732571.38	4054081.50	17.27743
732571.38	4055231.50	3.60075	732571.38	4055256.50	3.59527
732571.38	4055281.50	3.58871	732571.38	4055306.50	3.58120
732571.38	4055331.50	3.57519	732596.38	4052331.50	5.45342
732596.38	4052356.50	5.49294	732596.38	4052381.50	5.50422
732596.38	4052406.50	5.54985	732596.38	4052431.50	5.63478
732596.38	4052456.50	5.63627	732596.38	4052481.50	5.69298
732596.38	4052506.50	5.66650	732596.38	4052531.50	5.67168
732596.38	4052556.50	5.91045	732596.38	4052581.50	6.16154
732596.38	4052606.50	6.24257	732596.38	4052631.50	6.36127
732596.38	4052656.50	6.65837	732596.38	4052681.50	7.06314
732596.38	4052706.50	7.35518	732596.38	4052731.50	7.64491
732596.38	4052756.50	7.77859	732596.38	4052781.50	8.02091

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732596.38	4052806.50	9.11057	732596.38	4052831.50	9.68288
732596.38	4052856.50	10.36300	732596.38	4052881.50	11.76388
732596.38	4052906.50	11.84551	732596.38	4052931.50	13.47375
732596.38	4052956.50	17.42896	732596.38	4052981.50	20.11975
732596.38	4053006.50	24.09963	732596.38	4053031.50	24.96391
732596.38	4053056.50	25.57044	732596.38	4053081.50	27.35718
732596.38	4053106.50	30.12445	732596.38	4053131.50	31.02359
732596.38	4053156.50	32.31781	732596.38	4053181.50	33.53733
732596.38	4053206.50	34.81678	732596.38	4053231.50	36.22915
732596.38	4054006.50	19.61332	732596.38	4054031.50	18.84963
732596.38	4054056.50	18.27598	732596.38	4054081.50	17.64210
732596.38	4055231.50	3.73410	732596.38	4055256.50	3.72357
732596.38	4055281.50	3.71839	732596.38	4055306.50	3.70939
732596.38	4055331.50	3.70390	732621.38	4052331.50	5.46162
732621.38	4052356.50	5.63776	732621.38	4052381.50	5.73594
732621.38	4052406.50	5.76743	732621.38	4052431.50	5.79167
732621.38	4052456.50	5.86904	732621.38	4052481.50	5.99985
732621.38	4052506.50	6.11474	732621.38	4052531.50	6.16007
732621.38	4052556.50	6.17883	732621.38	4052581.50	6.30977
732621.38	4052606.50	6.53416	732621.38	4052631.50	6.89770
732621.38	4052656.50	7.12224	732621.38	4052681.50	7.24733
732621.38	4052706.50	7.67205	732621.38	4052731.50	8.16505
732621.38	4052756.50	8.34726	732621.38	4052781.50	8.62606
732621.38	4052806.50	9.41058	732621.38	4052831.50	10.33577
732621.38	4052856.50	10.75196	732621.38	4052881.50	12.73524
732621.38	4052906.50	13.17438	732621.38	4052931.50	14.49589
732621.38	4052956.50	19.21514	732621.38	4052981.50	22.88559
732621.38	4053006.50	25.70173	732621.38	4053031.50	28.12149
732621.38	4053056.50	28.48857	732621.38	4053081.50	30.30684
732621.38	4053106.50	32.79113	732621.38	4053131.50	33.90892
732621.38	4053156.50	34.96259	732621.38	4053181.50	35.37181
732621.38	4053206.50	36.80765	732621.38	4053231.50	39.07577
732621.38	4054006.50	19.97265	732621.38	4054031.50	19.35196
732621.38	4054056.50	18.47662	732621.38	4054081.50	17.36077
732621.38	4055231.50	3.93793	732621.38	4055256.50	3.91459
732621.38	4055281.50	3.89752	732621.38	4055306.50	3.85060
732621.38	4055331.50	3.80189	732646.38	4052331.50	5.63456
732646.38	4052356.50	5.66479	732646.38	4052381.50	5.83884
732646.38	4052406.50	5.95523	732646.38	4052431.50	6.03942
732646.38	4052456.50	6.06160	732646.38	4052481.50	6.10407

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
 *** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732646.38	4052506.50	6.24959	732646.38	4052531.50	6.45223
732646.38	4052556.50	6.51981	732646.38	4052581.50	6.70231
732646.38	4052606.50	6.83852	732646.38	4052631.50	7.18021
732646.38	4052656.50	7.52671	732646.38	4052681.50	7.80704
732646.38	4052706.50	8.24287	732646.38	4052731.50	8.42788
732646.38	4052756.50	9.18219	732646.38	4052781.50	9.61581
732646.38	4052806.50	9.94658	732646.38	4052831.50	11.06997
732646.38	4052856.50	11.46524	732646.38	4052881.50	13.37519
732646.38	4052906.50	14.47227	732646.38	4052931.50	15.98473
732646.38	4052956.50	21.33689	732646.38	4052981.50	25.56729
732646.38	4053006.50	28.12810	732646.38	4053031.50	30.68040
732646.38	4053056.50	32.11053	732646.38	4053081.50	33.56992
732646.38	4053106.50	35.58427	732646.38	4053131.50	36.86904
732646.38	4053156.50	37.56870	732646.38	4053181.50	37.95497
732646.38	4053206.50	39.89659	732646.38	4053231.50	42.44223
732646.38	4054006.50	20.31146	732646.38	4054031.50	19.34460
732646.38	4054056.50	18.20040	732646.38	4054081.50	17.09691
732646.38	4055231.50	4.05722	732646.38	4055256.50	4.00947
732646.38	4055281.50	3.95762	732646.38	4055306.50	3.89869
732646.38	4055331.50	3.84387	732671.38	4052331.50	6.30155
732671.38	4052356.50	6.45672	732671.38	4052381.50	6.47612
732671.38	4052406.50	6.52986	732671.38	4052431.50	6.47941
732671.38	4052456.50	6.46078	732671.38	4052481.50	6.51016
732671.38	4052506.50	6.52467	732671.38	4052531.50	6.82490
732671.38	4052556.50	6.89214	732671.38	4052581.50	6.99446
732671.38	4052606.50	7.26381	732671.38	4052631.50	7.50149
732671.38	4052656.50	7.75882	732671.38	4052681.50	8.13431
732671.38	4052706.50	8.52719	732671.38	4052731.50	9.08822
732671.38	4052756.50	9.63060	732671.38	4052781.50	10.48884
732671.38	4052806.50	11.02376	732671.38	4052831.50	11.92770
732671.38	4052856.50	12.44309	732671.38	4052881.50	14.19331
732671.38	4052906.50	16.01106	732671.38	4052931.50	17.71347
732671.38	4052956.50	23.26281	732671.38	4052981.50	28.19900
732671.38	4053006.50	31.36522	732671.38	4053031.50	32.98919
732671.38	4053056.50	35.99268	732671.38	4053081.50	36.93204
732671.38	4053106.50	38.47375	732671.38	4053131.50	39.89824
732671.38	4053156.50	40.83809	732671.38	4053181.50	41.68700
732671.38	4053206.50	43.79815	732671.38	4053231.50	46.33139
732671.38	4054006.50	20.29296	732671.38	4054031.50	19.16588
732671.38	4054056.50	17.98857	732671.38	4054081.50	16.73277

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
 *** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

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732671.38 4055231.50 4.04960 732671.38 4055256.50 3.97752
732671.38 4055281.50 3.90866 732671.38 4055306.50 3.83532
732671.38 4055331.50 3.74660 732696.38 4052331.50 6.49255
732696.38 4052356.50 6.72338 732696.38 4052381.50 6.86433
732696.38 4052406.50 7.05117 732696.38 4052431.50 7.21586
732696.38 4052456.50 7.25353 732696.38 4052481.50 7.27240
732696.38 4052506.50 7.28613 732696.38 4052531.50 7.27816
732696.38 4052556.50 7.44908 732696.38 4052581.50 7.48970
732696.38 4052606.50 7.61988 732696.38 4052631.50 7.79948
732696.38 4052656.50 8.15212 732696.38 4052681.50 8.53402
732696.38 4052706.50 8.90963 732696.38 4052731.50 9.69914
732696.38 4052756.50 10.15425 732696.38 4052781.50 11.05667
732696.38 4052806.50 12.29422 732696.38 4052831.50 13.30871
732696.38 4052856.50 14.10124 732696.38 4052881.50 15.43628
732696.38 4052906.50 17.52023 732696.38 4052931.50 20.07558
732696.38 4052956.50 25.42000 732696.38 4052981.50 31.39950
732696.38 4053006.50 34.60181 732696.38 4053031.50 36.79244
732696.38 4053056.50 38.99494 732696.38 4053081.50 40.17632
732696.38 4053106.50 41.59864 732696.38 4053131.50 43.06006
732696.38 4053156.50 44.82436 732696.38 4053181.50 46.06527
732696.38 4053206.50 48.07532 732696.38 4053231.50 51.30445
732696.38 4054006.50 19.92681 732696.38 4054031.50 18.90327
732696.38 4054056.50 17.54574 732696.38 4054081.50 16.89988
732696.38 4055231.50 3.94621 732696.38 4055256.50 3.86896
732696.38 4055281.50 3.76667 732696.38 4055306.50 3.67541
732696.38 4055331.50 3.58709 732721.38 4052331.50 6.38024
732721.38 4052356.50 6.58439 732721.38 4052381.50 6.81047
732721.38 4052406.50 7.19502 732721.38 4052431.50 7.64051
732721.38 4052456.50 7.81133 732721.38 4052481.50 7.95430
732721.38 4052506.50 8.05792 732721.38 4052531.50 8.16020
732721.38 4052556.50 8.20531 732721.38 4052581.50 8.24123
732721.38 4052606.50 8.25857 732721.38 4052631.50 8.30241
732721.38 4052656.50 8.62850 732721.38 4052681.50 9.10238
732721.38 4052706.50 9.66539 732721.38 4052731.50 10.04546
732721.38 4052756.50 10.97534 732721.38 4052781.50 11.67996
732721.38 4052806.50 13.04916 732721.38 4052831.50 14.70241
732721.38 4052856.50 15.77305 732721.38 4052881.50 17.14365
732721.38 4052906.50 19.50993 732721.38 4052931.50 23.15680
732721.38 4052956.50 29.41924 732721.38 4052981.50 34.26148
732721.38 4053006.50 37.66375 732721.38 4053031.50 40.74283

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 172

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
732721.38	4053056.50	43.54564	732721.38	4053081.50	44.25577	
732721.38	4053106.50	45.35511	732721.38	4053131.50	47.97860	
732721.38	4053156.50	49.85207	732721.38	4053181.50	50.68365	
732721.38	4053206.50	53.38354	732721.38	4053231.50	55.63809	
732721.38	4054006.50	19.79181	732721.38	4054031.50	18.75207	
732721.38	4054056.50	17.85069	732721.38	4054081.50	17.20530	
732721.38	4055231.50	3.82429	732721.38	4055256.50	3.73014	
732721.38	4055281.50	3.64098	732721.38	4055306.50	3.58237	
732721.38	4055331.50	3.53413	732746.38	4052331.50	6.32417	
732746.38	4052356.50	6.44001	732746.38	4052381.50	6.74420	
732746.38	4052406.50	6.92062	732746.38	4052431.50	7.36153	
732746.38	4052456.50	7.91862	732746.38	4052481.50	8.19815	
732746.38	4052506.50	8.42989	732746.38	4052531.50	8.66833	
732746.38	4052556.50	8.93293	732746.38	4052581.50	9.37508	
732746.38	4052606.50	9.62726	732746.38	4052631.50	9.82999	
732746.38	4052656.50	9.95154	732746.38	4052681.50	10.11197	
732746.38	4052706.50	10.69520	732746.38	4052731.50	11.19570	
732746.38	4052756.50	11.90766	732746.38	4052781.50	12.67675	
732746.38	4052806.50	13.85475	732746.38	4052831.50	15.48913	
732746.38	4052856.50	17.24680	732746.38	4052881.50	18.67811	
732746.38	4052906.50	22.20193	732746.38	4052931.50	26.75936	
732746.38	4052956.50	35.12527	732746.38	4052981.50	38.54244	
732746.38	4053006.50	41.85279	732746.38	4053031.50	44.00742	
732746.38	4053056.50	47.12336	732746.38	4053081.50	49.12733	
732746.38	4053106.50	51.39413	732746.38	4053131.50	52.66606	
732746.38	4053156.50	54.38070	732746.38	4053181.50	56.34478	
732746.38	4053206.50	58.02705	732746.38	4053231.50	60.35014	
732746.38	4054006.50	19.52795	732746.38	4054031.50	18.48759	
732746.38	4054056.50	18.04197	732746.38	4054081.50	17.14012	
732746.38	4055231.50	3.75266	732746.38	4055256.50	3.72602	
732746.38	4055281.50	3.70320	732746.38	4055306.50	3.67339	
732746.38	4055331.50	3.62809	732771.38	4052331.50	6.52541	
732771.38	4052356.50	6.65513	732771.38	4052381.50	6.77295	
732771.38	4052406.50	7.10454	732771.38	4052431.50	7.40515	
732771.38	4052456.50	7.86458	732771.38	4052481.50	8.31053	
732771.38	4052506.50	8.55793	732771.38	4052531.50	8.87411	
732771.38	4052556.50	9.15289	732771.38	4052581.50	9.45276	
732771.38	4052606.50	10.08953	732771.38	4052631.50	10.38506	
732771.38	4052656.50	10.70487	732771.38	4052681.50	11.04864	
732771.38	4052706.50	11.46680	732771.38	4052731.50	12.43281	

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 173

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
732771.38	4052756.50	13.37271	732771.38	4052781.50	14.24961	
732771.38	4052806.50	15.09819	732771.38	4052831.50	17.16371	
732771.38	4052856.50	19.35380	732771.38	4052881.50	20.88960	
732771.38	4052906.50	25.67448	732771.38	4052931.50	31.76929	
732771.38	4052956.50	41.22182	732771.38	4052981.50	44.19914	
732771.38	4053006.50	47.35222	732771.38	4053031.50	49.76680	
732771.38	4053056.50	51.48804	732771.38	4053081.50	53.73123	

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732771.38 4053106.50 56.13482 732771.38 4053131.50 58.78213
732771.38 4053156.50 59.67903 732771.38 4053181.50 61.18480
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732771.38 4054006.50 20.30176 732771.38 4054031.50 18.87608
732771.38 4054056.50 17.76091 732771.38 4054081.50 16.76360
732771.38 4055231.50 3.79717 732771.38 4055256.50 3.73926
732771.38 4055281.50 3.68502 732771.38 4055306.50 3.63195
732771.38 4055331.50 3.58480 732796.38 4052331.50 6.49576
732796.38 4052356.50 6.61758 732796.38 4052381.50 6.74626
732796.38 4052406.50 6.88330 732796.38 4052431.50 7.35348
732796.38 4052456.50 7.77084 732796.38 4052481.50 8.23374
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732796.38 4052556.50 9.18469 732796.38 4052581.50 9.51266
732796.38 4052606.50 9.92387 732796.38 4052631.50 10.74359
732796.38 4052656.50 11.20168 732796.38 4052681.50 11.69216
732796.38 4052706.50 12.21583 732796.38 4052731.50 13.02335
732796.38 4052756.50 14.49884 732796.38 4052781.50 16.11690
732796.38 4052806.50 17.34486 732796.38 4052831.50 19.07633
732796.38 4052856.50 21.68288 732796.38 4052881.50 24.22321
732796.38 4052906.50 31.02095 732796.38 4052931.50 39.12785
732796.38 4052956.50 46.03501 732796.38 4052981.50 50.07602
732796.38 4053006.50 53.28805 732796.38 4053031.50 56.01647
732796.38 4053056.50 57.79054 732796.38 4053081.50 60.32319
732796.38 4053106.50 61.69584 732796.38 4053131.50 65.53662
732796.38 4053156.50 66.83309 732796.38 4053181.50 67.36303
732796.38 4053206.50 68.55422 732796.38 4053231.50 68.58033
732796.38 4054006.50 19.63920 732796.38 4054031.50 18.38856
732796.38 4054056.50 17.15611 732796.38 4054081.50 16.15190
732796.38 4055231.50 3.79108 732796.38 4055256.50 3.73768
732796.38 4055281.50 3.68456 732796.38 4055306.50 3.62798
732796.38 4055331.50 3.56712 732821.38 4052331.50 6.54385
732821.38 4052356.50 6.69311 732821.38 4052381.50 6.83709
732821.38 4052406.50 6.97861 732821.38 4052431.50 7.12596
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 174

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732821.38 4052456.50 7.54403 732821.38 4052481.50 8.02581
732821.38 4052506.50 8.55281 732821.38 4052531.50 8.85670
732821.38 4052556.50 9.16767 732821.38 4052581.50 9.51012
732821.38 4052606.50 9.92712 732821.38 4052631.50 10.58375
732821.38 4052656.50 11.32215 732821.38 4052681.50 11.95669
732821.38 4052706.50 12.62276 732821.38 4052731.50 13.41734
732821.38 4052756.50 14.79454 732821.38 4052781.50 17.08247
732821.38 4052806.50 18.98063 732821.38 4052831.50 21.88202
732821.38 4052856.50 24.84572 732821.38 4052881.50 31.23592
732821.38 4052906.50 38.40910 732821.38 4052931.50 44.78182
732821.38 4052956.50 51.36760 732821.38 4052981.50 54.27747
732821.38 4053006.50 55.27773 732821.38 4053031.50 57.54779
732821.38 4053056.50 59.03577 732821.38 4053081.50 62.49131
732821.38 4054006.50 18.99605 732821.38 4054031.50 17.93683
732821.38 4054056.50 17.25992 732821.38 4054081.50 16.74672
732821.38 4055256.50 3.73470 732821.38 4055281.50 3.65863
732821.38 4055306.50 3.58378 732821.38 4055331.50 3.51023
732846.38 4052331.50 6.75142 732846.38 4052356.50 6.92538
732846.38 4052381.50 7.10679 732846.38 4052406.50 7.31228
732846.38 4052431.50 7.53188 732846.38 4052456.50 7.76641
732846.38 4052481.50 8.40100 732846.38 4052506.50 8.78410
732846.38 4052531.50 9.18250 732846.38 4052556.50 9.50445
732846.38 4052581.50 9.88096 732846.38 4052606.50 10.32801
732846.38 4052631.50 10.83005 732846.38 4052656.50 11.77099
732846.38 4052681.50 12.48612 732846.38 4052706.50 13.31754
732846.38 4052731.50 14.21869 732846.38 4052756.50 15.54763
732846.38 4052781.50 17.14334 732846.38 4052806.50 19.33797
732846.38 4052831.50 22.65882 732846.38 4052856.50 27.41546
732846.38 4052881.50 34.48243 732846.38 4054006.50 18.89171
732846.38 4054031.50 18.26535 732846.38 4054056.50 17.54683
732846.38 4054081.50 16.65499 732846.38 4055256.50 3.76813
732846.38 4055281.50 3.68701 732846.38 4055306.50 3.62021
732846.38 4055331.50 3.56933 732871.38 4052331.50 6.82081
732871.38 4052356.50 7.16883 732871.38 4052381.50 7.37855
732871.38 4052406.50 7.59677 732871.38 4052431.50 7.82362
732871.38 4052456.50 8.06147 732871.38 4052481.50 8.31306
732871.38 4052506.50 8.96501 732871.38 4052531.50 9.93640
732871.38 4052556.50 10.87270 732871.38 4052581.50 11.67715
732871.38 4052606.50 12.28841 732871.38 4052631.50 12.92478
732871.38 4052656.50 13.64029 732871.38 4052681.50 14.63907
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 175
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732871.38 4052706.50 15.52570 732871.38 4052731.50 16.48203
732871.38 4052756.50 17.69954 732871.38 4052781.50 19.72625
732871.38 4052806.50 22.03437 732871.38 4052831.50 25.42809
732871.38 4052856.50 29.98322 732871.38 4052881.50 36.65702
732871.38 4054006.50 19.10715 732871.38 4054031.50 18.25736
732871.38 4054056.50 17.39827 732871.38 4054081.50 16.59040
732871.38 4055256.50 3.97856 732871.38 4055281.50 3.91427
732871.38 4055306.50 3.85537 732871.38 4055331.50 3.78549
732896.38 4052331.50 6.77977 732896.38 4052356.50 7.12773
732896.38 4052381.50 7.54092 732896.38 4052406.50 7.79082
732896.38 4052431.50 8.03104 732896.38 4052456.50 8.28400
732896.38 4052481.50 8.55029 732896.38 4052506.50 8.87082
732896.38 4052531.50 9.64253 732896.38 4052556.50 10.70734
732896.38 4052581.50 11.63981 732896.38 4052606.50 12.52540

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732896.38	4052631.50	13.21423	732896.38	4052656.50	14.12973
732896.38	4052681.50	15.21149	732896.38	4052706.50	16.13158
732896.38	4052731.50	17.21250	732896.38	4052756.50	18.53410
732896.38	4052781.50	20.21362	732896.38	4052806.50	22.12071
732896.38	4052831.50	26.66636	732896.38	4052856.50	30.94284
732896.38	4052881.50	37.00163	732896.38	4054006.50	20.11001
732896.38	4054031.50	19.13418	732896.38	4054056.50	18.21871
732896.38	4054081.50	17.41773	732896.38	4055256.50	4.31161
732896.38	4055281.50	4.25227	732896.38	4055306.50	4.19912
732896.38	4055331.50	4.14727	732921.38	4052331.50	6.73382
732921.38	4052356.50	7.08376	732921.38	4052381.50	7.38545
732921.38	4052406.50	7.75005	732921.38	4052431.50	8.13677
732921.38	4052456.50	8.56798	732921.38	4052481.50	9.01294
732921.38	4052506.50	9.47036	732921.38	4052531.50	10.18583
732921.38	4052556.50	11.11608	732921.38	4052581.50	12.26674
732921.38	4052606.50	12.91789	732921.38	4052631.50	13.75933
732921.38	4052656.50	14.51101	732921.38	4052681.50	15.33356
732921.38	4052706.50	16.35724	732921.38	4052731.50	17.55614
732921.38	4052756.50	19.01777	732921.38	4052781.50	20.77819
732921.38	4052806.50	22.86633	732921.38	4052831.50	27.04227
732921.38	4052856.50	31.58074	732921.38	4052881.50	38.18524
732921.38	4054006.50	20.44785	732921.38	4054031.50	19.16141
732921.38	4054056.50	18.33400	732921.38	4054081.50	17.58329
732921.38	4055256.50	4.88838	732921.38	4055281.50	4.82238
732921.38	4055306.50	4.75787	732921.38	4055331.50	4.69951
732946.38	4052331.50	6.89809	732946.38	4052356.50	7.17804

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** ** ** ** 23:30:46
 *** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 176

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732946.38	4052381.50	7.61828	732946.38	4052406.50	7.89148
732946.38	4052431.50	8.20496	732946.38	4052456.50	8.80314
732946.38	4052481.50	9.29045	732946.38	4052506.50	9.72808
732946.38	4052531.50	10.17528	732946.38	4052556.50	10.88608
732946.38	4052581.50	11.98638	732946.38	4052606.50	13.11740
732946.38	4052631.50	14.09847	732946.38	4052656.50	15.28686
732946.38	4052681.50	16.35399	732946.38	4052706.50	17.58361
732946.38	4052731.50	18.88813	732946.38	4052756.50	20.27840
732946.38	4052781.50	21.88546	732946.38	4052806.50	24.32966
732946.38	4052831.50	28.25832	732946.38	4052856.50	32.72232
732946.38	4052881.50	38.57128	732946.38	4054006.50	20.09046
732946.38	4054031.50	19.23842	732946.38	4054056.50	18.31698
732946.38	4054081.50	17.52930	732946.38	4055256.50	4.93095
732946.38	4055281.50	4.88884	732946.38	4055306.50	4.84688
732946.38	4055331.50	4.80508	732971.38	4052331.50	7.12470
732971.38	4052356.50	7.29456	732971.38	4052381.50	7.45148
732971.38	4052406.50	7.71152	732971.38	4052431.50	8.23575
732971.38	4052456.50	8.73900	732971.38	4052481.50	9.19182
732971.38	4052506.50	9.86226	732971.38	4052531.50	10.67802
732971.38	4052556.50	11.43143	732971.38	4052581.50	12.44105
732971.38	4052606.50	13.70407	732971.38	4052631.50	14.77796
732971.38	4052656.50	15.90184	732971.38	4052681.50	17.03337
732971.38	4052706.50	18.25880	732971.38	4052731.50	19.61738
732971.38	4052756.50	21.32969	732971.38	4052781.50	23.93804
732971.38	4052806.50	26.88603	732971.38	4052831.50	30.59515
732971.38	4052856.50	34.57033	732971.38	4052881.50	40.42525
732971.38	4054006.50	19.79463	732971.38	4054031.50	18.96917
732971.38	4054056.50	18.21405	732971.38	4054081.50	17.39226
732971.38	4055256.50	4.91868	732971.38	4055281.50	4.87357
732971.38	4055306.50	4.82872	732971.38	4055331.50	4.78391
732996.38	4052331.50	7.19172	732996.38	4052356.50	7.37307
732996.38	4052381.50	7.64031	732996.38	4052406.50	7.96119
732996.38	4052431.50	8.35339	732996.38	4052456.50	8.78658
732996.38	4052481.50	9.46426	732996.38	4052506.50	10.00738
732996.38	4052531.50	10.92811	732996.38	4052556.50	12.04373
732996.38	4052581.50	13.21933	732996.38	4052606.50	14.47076
732996.38	4052631.50	15.68799	732996.38	4052656.50	16.75072
732996.38	4052681.50	17.87658	732996.38	4052706.50	19.18311
732996.38	4052731.50	21.17146	732996.38	4052756.50	22.99372
732996.38	4052781.50	25.37325	732996.38	4052806.50	29.39166

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** ** ** ** 23:30:46
 *** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 177

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732996.38	4052831.50	33.14313	732996.38	4052856.50	37.07642
732996.38	4052881.50	41.67132	732996.38	4054006.50	20.05784
732996.38	4054031.50	18.84445	732996.38	4054056.50	17.75809
732996.38	4054081.50	16.64449	732996.38	4055256.50	5.19250
732996.38	4055281.50	5.10636	732996.38	4055306.50	5.02231
732996.38	4055331.50	4.94022	733021.38	4052331.50	7.59151
733021.38	4052356.50	7.97146	733021.38	4052381.50	8.38217
733021.38	4052406.50	8.81820	733021.38	4052431.50	9.15614
733021.38	4052456.50	9.65230	733021.38	4052481.50	10.21885
733021.38	4052506.50	10.83140	733021.38	4052531.50	11.83583
733021.38	4052556.50	12.80976	733021.38	4052581.50	13.59199
733021.38	4052606.50	14.51325	733021.38	4052631.50	15.66810
733021.38	4052656.50	16.85362	733021.38	4052681.50	18.98589
733021.38	4052706.50	20.85043	733021.38	4052731.50	22.53910
733021.38	4052756.50	24.85718	733021.38	4052781.50	27.69840
733021.38	4052806.50	31.03312	733021.38	4052831.50	35.22196
733021.38	4052856.50	38.75544	733021.38	4052881.50	45.00444
733021.38	4054006.50	19.45004	733021.38	4054031.50	18.27543
733021.38	4054056.50	17.16911	733021.38	4054081.50	16.35617
733021.38	4055256.50	5.45413	733021.38	4055281.50	5.38828
733021.38	4055306.50	5.31928	733021.38	4055331.50	5.22187

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733046.38 4052331.50 7.85020 733046.38 4052356.50 8.32586
733046.38 4052381.50 8.90194 733046.38 4052406.50 9.37289
733046.38 4052431.50 9.84324 733046.38 4052456.50 10.24238
733046.38 4052481.50 10.70686 733046.38 4052506.50 11.27796
733046.38 4052531.50 11.77813 733046.38 4052556.50 12.66207
733046.38 4052581.50 13.60829 733046.38 4052606.50 14.41350
733046.38 4052631.50 15.63663 733046.38 4052656.50 17.53081
733046.38 4052681.50 19.23461 733046.38 4052706.50 21.53884
733046.38 4052731.50 24.21300 733046.38 4052756.50 26.80076
733046.38 4052781.50 29.83672 733046.38 4052806.50 32.91299
733046.38 4052831.50 36.22347 733046.38 4052856.50 41.21807
733046.38 4052881.50 46.65793 733046.38 4054006.50 19.18605
733046.38 4054031.50 18.11625 733046.38 4054056.50 16.84521
733046.38 4054081.50 15.89479 733046.38 4055256.50 5.45458
733046.38 4055281.50 5.37516 733046.38 4055306.50 5.29749
733046.38 4055331.50 5.19507 733071.38 4052331.50 7.84459
733071.38 4052356.50 8.19384 733071.38 4052381.50 8.72230
733071.38 4052406.50 9.35494 733071.38 4052431.50 10.01498
733071.38 4052456.50 10.67111 733071.38 4052481.50 11.20921
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 178

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733071.38 4052506.50 11.62919 733071.38 4052531.50 12.17538
733071.38 4052556.50 12.85745 733071.38 4052581.50 13.97362
733071.38 4052606.50 15.62738 733071.38 4052631.50 17.19747
733071.38 4052656.50 18.70209 733071.38 4052681.50 20.18994
733071.38 4052706.50 21.81166 733071.38 4052731.50 24.34786
733071.38 4052756.50 28.03461 733071.38 4052781.50 30.48957
733071.38 4052806.50 33.12913 733071.38 4052831.50 36.15919
733071.38 4052856.50 42.07299 733071.38 4052881.50 47.55291
733071.38 4054006.50 19.38229 733071.38 4054031.50 18.16251
733071.38 4054056.50 16.69519 733071.38 4054081.50 16.01212
733071.38 4055256.50 5.26213 733071.38 4055281.50 5.15961
733071.38 4055306.50 5.05992 733071.38 4055331.50 4.96262
733096.38 4052331.50 7.85300 733096.38 4052356.50 8.25127
733096.38 4052381.50 8.63037 733096.38 4052406.50 9.18753
733096.38 4052431.50 9.81836 733096.38 4052456.50 10.59641
733096.38 4052481.50 11.35420 733096.38 4052506.50 12.14396
733096.38 4052531.50 12.95530 733096.38 4052556.50 13.86978
733096.38 4052581.50 14.82763 733096.38 4052606.50 15.97122
733096.38 4052631.50 17.61773 733096.38 4052656.50 19.49176
733096.38 4052681.50 21.28883 733096.38 4052706.50 23.38024
733096.38 4052731.50 25.37495 733096.38 4052756.50 27.63036
733096.38 4052781.50 30.40284 733096.38 4052806.50 33.37056
733096.38 4052831.50 36.68429 733096.38 4052856.50 41.33335
733096.38 4052881.50 47.99882 733096.38 4054006.50 19.11536
733096.38 4054031.50 17.75086 733096.38 4054056.50 17.16781
733096.38 4054081.50 16.62234 733096.38 4054106.50 16.10453
733096.38 4055256.50 5.04196 733096.38 4055281.50 4.96749
733096.38 4055306.50 4.89476 733096.38 4055331.50 4.82377
733121.38 4052331.50 8.20028 733121.38 4052356.50 8.63666
733121.38 4052381.50 9.22164 733121.38 4052406.50 9.79913
733121.38 4052431.50 10.39177 733121.38 4052456.50 11.17094
733121.38 4052481.50 12.00394 733121.38 4052506.50 12.75398
733121.38 4052531.50 13.62870 733121.38 4052556.50 14.52973
733121.38 4052581.50 15.34144 733121.38 4052606.50 16.18333
733121.38 4052631.50 17.13567 733121.38 4052656.50 19.06702
733121.38 4052681.50 21.37634 733121.38 4052706.50 23.38046
733121.38 4052731.50 25.50778 733121.38 4052756.50 27.60944
733121.38 4052781.50 30.11298 733121.38 4052806.50 33.57450
733121.38 4052831.50 37.20489 733121.38 4052856.50 40.61517
733121.38 4052881.50 46.83134 733121.38 4054006.50 19.18583
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 179

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
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733121.38 4054031.50 18.27463 733121.38 4054056.50 17.62540
733121.38 4054081.50 16.95085 733121.38 4054106.50 16.19943
733121.38 4055256.50 4.92998 733121.38 4055281.50 4.84597
733121.38 4055306.50 4.76441 733121.38 4055331.50 4.68120
733146.38 4052331.50 8.78032 733146.38 4052356.50 9.36443
733146.38 4052381.50 9.97381 733146.38 4052406.50 10.68277
733146.38 4052431.50 11.40630 733146.38 4052456.50 12.02026
733146.38 4052481.50 12.70808 733146.38 4052506.50 13.40877
733146.38 4052531.50 14.02213 733146.38 4052556.50 14.68919
733146.38 4052581.50 15.39838 733146.38 4052606.50 16.15480
733146.38 4052631.50 17.32865 733146.38 4052656.50 18.66095
733146.38 4052681.50 20.59250 733146.38 4052706.50 23.20788
733146.38 4052731.50 25.38520 733146.38 4052756.50 27.71664
733146.38 4052781.50 30.14863 733146.38 4052806.50 32.99924
733146.38 4052831.50 37.56578 733146.38 4052856.50 41.03157
733146.38 4052881.50 46.47883 733146.38 4054006.50 19.19108
733146.38 4054031.50 18.55480 733146.38 4054056.50 17.77525
733146.38 4054081.50 16.94720 733146.38 4054106.50 16.34037
733146.38 4055256.50 4.71266 733146.38 4055281.50 4.61384
733146.38 4055306.50 4.52150 733146.38 4055331.50 4.47455
733171.38 4052331.50 9.41706 733171.38 4052356.50 10.14317
733171.38 4052381.50 10.84173 733171.38 4052406.50 11.43384
733171.38 4052431.50 12.05207 733171.38 4052456.50 12.67389
733171.38 4052481.50 13.15639 733171.38 4052506.50 13.65782
733171.38 4052531.50 14.24637 733171.38 4052556.50 14.87000
733171.38 4052581.50 15.55988 733171.38 4052606.50 16.82486
733171.38 4052631.50 17.73895 733171.38 4052656.50 18.61863
733171.38 4052681.50 20.18859 733171.38 4052706.50 22.17452

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733171.38 4052731.50 24.69040 733171.38 4052756.50 27.63298
733171.38 4052781.50 30.20593 733171.38 4052806.50 32.61631
733171.38 4052831.50 36.56319 733171.38 4052856.50 40.88150
733171.38 4052881.50 46.18922 733171.38 4054031.50 18.57784
733171.38 4054056.50 17.97298 733171.38 4054081.50 17.11865
733171.38 4054106.50 16.56535 733171.38 4055256.50 4.55900
733171.38 4055281.50 4.49157 733171.38 4055306.50 4.41201
733171.38 4055331.50 4.33447 733196.38 4052331.50 10.04552
733196.38 4052356.50 10.69997 733196.38 4052381.50 11.25777
733196.38 4052406.50 11.96493 733196.38 4052431.50 12.45437
733196.38 4052456.50 12.91723 733196.38 4052481.50 13.38483
733196.38 4052506.50 13.87368 733196.38 4052531.50 14.41794
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 180

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733196.38	4052556.50	15.11549	733196.38	4052581.50	16.33824
733196.38	4052606.50	17.08577	733196.38	4052631.50	18.01842
733196.38	4052656.50	19.44171	733196.38	4052681.50	20.87507
733196.38	4052706.50	22.50361	733196.38	4052731.50	24.28464
733196.38	4052756.50	27.18987	733196.38	4052781.50	29.90960
733196.38	4052806.50	32.70994	733196.38	4052831.50	35.65138
733196.38	4052856.50	41.12987	733196.38	4052881.50	46.61787
733196.38	4052906.50	52.72767	733196.38	4054031.50	19.68331
733196.38	4054056.50	18.11828	733196.38	4054081.50	17.47630
733196.38	4054106.50	16.90404	733196.38	4055256.50	4.48523
733196.38	4055281.50	4.42914	733196.38	4055306.50	4.35499
733196.38	4055331.50	4.28078	733221.38	4052331.50	10.39734
733221.38	4052356.50	10.97676	733221.38	4052381.50	11.34008
733221.38	4052406.50	11.72822	733221.38	4052431.50	12.32902
733221.38	4052456.50	13.01361	733221.38	4052481.50	13.49993
733221.38	4052506.50	14.00858	733221.38	4052531.50	14.75812
733221.38	4052556.50	15.57022	733221.38	4052581.50	16.43795
733221.38	4052606.50	17.36926	733221.38	4052631.50	18.54309
733221.38	4052656.50	19.98888	733221.38	4052681.50	21.15300
733221.38	4052706.50	22.58745	733221.38	4052731.50	24.79694
733221.38	4052756.50	26.81283	733221.38	4052781.50	29.64749
733221.38	4052806.50	32.22786	733221.38	4052831.50	36.22423
733221.38	4052856.50	39.70249	733221.38	4052881.50	47.03522
733221.38	4052906.50	51.56617	733221.38	4054031.50	19.75724
733221.38	4054056.50	19.14595	733221.38	4054081.50	18.06739
733221.38	4054106.50	17.01087	733221.38	4055256.50	4.43507
733221.38	4055281.50	4.36519	733221.38	4055306.50	4.29890
733221.38	4055331.50	4.23434	733246.38	4052331.50	10.58398
733246.38	4052356.50	10.86823	733246.38	4052381.50	11.16765
733246.38	4052406.50	11.48366	733246.38	4052431.50	11.87429
733246.38	4052456.50	12.41376	733246.38	4052481.50	13.26579
733246.38	4052506.50	14.26502	733246.38	4052531.50	15.08165
733246.38	4052556.50	15.93910	733246.38	4052581.50	16.82060
733246.38	4052606.50	17.84618	733246.38	4052631.50	18.80372
733246.38	4052656.50	19.79656	733246.38	4052681.50	21.10828
733246.38	4052706.50	22.89527	733246.38	4052731.50	24.98002
733246.38	4052756.50	27.02918	733246.38	4052781.50	29.75228
733246.38	4052806.50	32.66723	733246.38	4052831.50	36.51151
733246.38	4052856.50	40.61463	733246.38	4052881.50	47.24073
733246.38	4052906.50	51.00614	733246.38	4054031.50	20.09801

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 181

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733246.38	4054056.50	19.22918	733246.38	4054081.50	18.56808
733246.38	4054106.50	17.92556	733246.38	4055256.50	4.41999
733246.38	4055281.50	4.37239	733246.38	4055306.50	4.32565
733246.38	4055331.50	4.27974	733271.38	4052331.50	10.29948
733271.38	4052356.50	10.68325	733271.38	4052381.50	11.14479
733271.38	4052406.50	11.50412	733271.38	4052431.50	12.00335
733271.38	4052456.50	12.64941	733271.38	4052481.50	13.23986
733271.38	4052506.50	13.78146	733271.38	4052531.50	14.47084
733271.38	4052556.50	15.71117	733271.38	4052581.50	17.24757
733271.38	4052606.50	18.17909	733271.38	4052631.50	19.18958
733271.38	4052656.50	20.36423	733271.38	4052681.50	21.74689
733271.38	4052706.50	23.79820	733271.38	4052731.50	25.53869
733271.38	4052756.50	27.72133	733271.38	4052781.50	30.47766
733271.38	4052806.50	33.02276	733271.38	4052831.50	36.76738
733271.38	4052856.50	40.64683	733271.38	4052881.50	47.02456
733271.38	4052906.50	52.41191	733271.38	4054031.50	20.97586
733271.38	4054056.50	19.70743	733271.38	4054081.50	18.64140
733271.38	4054106.50	18.03391	733271.38	4055256.50	4.43574
733271.38	4055281.50	4.36741	733271.38	4055306.50	4.30099
733271.38	4055331.50	4.23691	733296.38	4052331.50	9.99598
733296.38	4052356.50	10.37510	733296.38	4052381.50	10.93917
733296.38	4052406.50	11.52501	733296.38	4052431.50	11.95330
733296.38	4052456.50	12.36769	733296.38	4052481.50	12.80425
733296.38	4052506.50	13.30416	733296.38	4052531.50	14.20147
733296.38	4052556.50	15.27479	733296.38	4052581.50	16.16415
733296.38	4052606.50	17.79381	733296.38	4052631.50	19.55951
733296.38	4052656.50	20.96430	733296.38	4052681.50	22.64208
733296.38	4052706.50	24.50891	733296.38	4052731.50	26.21616
733296.38	4052756.50	28.48382	733296.38	4052781.50	30.73634
733296.38	4052806.50	33.66778	733296.38	4052831.50	36.94524
733296.38	4052856.50	41.68615	733296.38	4052881.50	47.69515
733296.38	4052906.50	52.07670	733296.38	4054031.50	21.57495
733296.38	4054056.50	20.62671	733296.38	4054081.50	19.58430
733296.38	4054106.50	18.17808	733296.38	4055256.50	4.53461
733296.38	4055281.50	4.43978	733296.38	4055306.50	4.33734

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733296.38 4055331.50 4.23812 733321.38 4052331.50 10.14798
733321.38 4052356.50 10.84197 733321.38 4052381.50 11.27349
733321.38 4052406.50 11.55014 733321.38 4052431.50 11.88894
733321.38 4052456.50 12.21217 733321.38 4052481.50 12.57380
733321.38 4052506.50 13.25109 733321.38 4052531.50 14.13999
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733321.38	4052556.50	15.03700	733321.38	4052581.50	16.17814
733321.38	4052606.50	17.38675	733321.38	4052631.50	18.65737
733321.38	4052656.50	20.87868	733321.38	4052681.50	22.86332
733321.38	4052706.50	24.53854	733321.38	4052731.50	26.54218
733321.38	4052756.50	29.01756	733321.38	4052781.50	31.16967
733321.38	4052806.50	33.87779	733321.38	4052831.50	37.60066
733321.38	4052856.50	43.05230	733321.38	4052881.50	48.56337
733321.38	4052906.50	52.56118	733321.38	4054031.50	21.39026
733321.38	4054056.50	20.63536	733321.38	4054081.50	19.73238
733321.38	4054106.50	18.62568	733321.38	4055256.50	4.26353
733321.38	4055281.50	4.17889	733321.38	4055306.50	4.10521
733321.38	4055331.50	4.04159	733346.38	4052331.50	10.76129
733346.38	4052356.50	11.03266	733346.38	4052381.50	11.32168
733346.38	4052406.50	11.62350	733346.38	4052431.50	11.88680
733346.38	4052456.50	12.18920	733346.38	4052481.50	12.71812
733346.38	4052506.50	13.49154	733346.38	4052531.50	14.36825
733346.38	4052556.50	15.31185	733346.38	4052581.50	16.30936
733346.38	4052606.50	17.35813	733346.38	4052631.50	18.59500
733346.38	4052656.50	20.37201	733346.38	4052681.50	21.87222
733346.38	4052706.50	24.17843	733346.38	4052731.50	26.89430
733346.38	4052756.50	29.17262	733346.38	4052781.50	31.18821
733346.38	4052806.50	34.06953	733346.38	4052831.50	38.22448
733346.38	4052856.50	43.22578	733346.38	4052881.50	48.76310
733346.38	4052906.50	52.71751	733346.38	4054031.50	21.14990
733346.38	4054056.50	19.70545	733346.38	4054081.50	18.63740
733346.38	4054106.50	17.98099	733346.38	4055256.50	4.14408
733346.38	4055281.50	4.05009	733346.38	4055306.50	3.94886
733346.38	4055331.50	3.87749	733371.38	4052331.50	10.40760
733371.38	4052356.50	10.97157	733371.38	4052381.50	11.39616
733371.38	4052406.50	11.63777	733371.38	4052431.50	11.87001
733371.38	4052456.50	12.30757	733371.38	4052481.50	13.13866
733371.38	4052506.50	13.92174	733371.38	4052531.50	14.64716
733371.38	4052556.50	15.41296	733371.38	4052581.50	16.29715
733371.38	4052606.50	17.47494	733371.38	4052631.50	18.77410
733371.38	4052656.50	20.15241	733371.38	4052681.50	21.75297
733371.38	4052706.50	23.78056	733371.38	4052731.50	25.81760
733371.38	4052756.50	28.20645	733371.38	4052781.50	31.16002
733371.38	4052806.50	34.53550	733371.38	4052831.50	39.02440
733371.38	4052856.50	44.18115	733371.38	4052881.50	49.47334
733371.38	4052906.50	52.71290	733371.38	4054031.50	21.55714

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733371.38	4054056.50	20.25558	733371.38	4054081.50	19.14847
733371.38	4054106.50	18.00081	733371.38	4055256.50	4.06124
733371.38	4055281.50	3.97652	733371.38	4055306.50	3.91381
733371.38	4055331.50	3.85279	733396.38	4052331.50	10.01881
733396.38	4052356.50	10.57389	733396.38	4052381.50	11.12397
733396.38	4052406.50	11.52744	733396.38	4052431.50	11.82088
733396.38	4052456.50	12.21811	733396.38	4052481.50	12.57757
733396.38	4052506.50	13.52005	733396.38	4052531.50	14.56892
733396.38	4052556.50	15.65166	733396.38	4052581.50	16.89870
733396.38	4052606.50	18.20467	733396.38	4052631.50	19.30238
733396.38	4052656.50	20.52490	733396.38	4052681.50	21.94619
733396.38	4052706.50	23.65032	733396.38	4052731.50	24.94927
733396.38	4052756.50	27.20336	733396.38	4052781.50	30.68984
733396.38	4052806.50	34.52801	733396.38	4052831.50	38.63387
733396.38	4052856.50	43.77968	733396.38	4052881.50	48.50160
733396.38	4052906.50	52.02623	733396.38	4054031.50	22.18145
733396.38	4054056.50	20.98025	733396.38	4054081.50	19.65638
733396.38	4054106.50	18.56957	733396.38	4055256.50	4.07117
733396.38	4055281.50	4.02226	733396.38	4055306.50	3.97373
733396.38	4055331.50	3.92648	733421.38	4052331.50	9.83061
733421.38	4052356.50	10.29648	733421.38	4052381.50	10.87854
733421.38	4052406.50	11.42127	733421.38	4052431.50	11.80871
733421.38	4052456.50	12.17319	733421.38	4052481.50	12.62605
733421.38	4052506.50	13.31592	733421.38	4052531.50	13.96653
733421.38	4052556.50	14.81293	733421.38	4052581.50	15.90621
733421.38	4052606.50	17.09003	733421.38	4052631.50	18.46662
733421.38	4052656.50	19.91751	733421.38	4052681.50	21.19959
733421.38	4052706.50	22.89118	733421.38	4052731.50	24.61104
733421.38	4052756.50	27.86306	733421.38	4052781.50	31.28098
733421.38	4052806.50	35.22009	733421.38	4052831.50	39.01892
733421.38	4052856.50	44.20671	733421.38	4052881.50	48.59161
733421.38	4052906.50	52.19601	733421.38	4054031.50	22.18019
733421.38	4054056.50	21.02091	733421.38	4054081.50	19.92070
733421.38	4054106.50	18.86575	733421.38	4055256.50	4.13005
733421.38	4055281.50	4.07576	733421.38	4055306.50	4.01882
733421.38	4055331.50	3.95532	733446.38	4052331.50	9.76295
733446.38	4052356.50	10.02292	733446.38	4052381.50	10.30672
733446.38	4052406.50	10.66866	733446.38	4052431.50	11.18226
733446.38	4052456.50	11.84441	733446.38	4052481.50	12.65281
733446.38	4052506.50	13.57913	733446.38	4052531.50	14.19163

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
733446.38	4052556.50	15.18812	733446.38	4052581.50	16.27800		
733446.38	4052606.50	17.38353	733446.38	4052631.50	18.37373		
733446.38	4052656.50	19.53624	733446.38	4052681.50	21.02354		
733446.38	4052706.50	22.66128	733446.38	4052731.50	24.68906		
733446.38	4052756.50	27.72740	733446.38	4052781.50	30.78285		
733446.38	4052806.50	34.80708	733446.38	4052831.50	38.13800		
733446.38	4052856.50	42.39954	733446.38	4052881.50	47.62343		
733446.38	4052906.50	50.77341	733446.38	4054031.50	22.01320		
733446.38	4054056.50	21.01206	733446.38	4054081.50	20.05047		
733446.38	4054106.50	19.12273	733446.38	4055256.50	3.98866		
733446.38	4055281.50	3.94659	733446.38	4055306.50	3.90768		
733446.38	4055331.50	3.85972	733471.38	4052331.50	9.66252		
733471.38	4052356.50	9.91782	733471.38	4052381.50	10.27935		
733471.38	4052406.50	10.88754	733471.38	4052431.50	11.50689		
733471.38	4052456.50	12.35738	733471.38	4052481.50	13.25032		
733471.38	4052506.50	13.87021	733471.38	4052531.50	14.55922		
733471.38	4052556.50	15.30950	733471.38	4052581.50	16.33684		
733471.38	4052606.50	17.47817	733471.38	4052631.50	18.68970		
733471.38	4052656.50	19.87990	733471.38	4052681.50	21.26197		
733471.38	4052706.50	23.05855	733471.38	4052731.50	25.41158		
733471.38	4052756.50	27.91729	733471.38	4052781.50	30.79279		
733471.38	4052806.50	33.79046	733471.38	4052831.50	37.50955		
733471.38	4052856.50	40.47128	733471.38	4052881.50	45.35979		
733471.38	4052906.50	50.77414	733471.38	4054031.50	22.26725		
733471.38	4054056.50	21.46728	733471.38	4054081.50	20.49782		
733471.38	4054106.50	19.54417	733471.38	4055231.50	3.72546		
733471.38	4055256.50	3.68831	733471.38	4055281.50	3.65704		
733471.38	4055306.50	3.62652	733471.38	4055331.50	3.60098		
733496.38	4052331.50	9.48972	733496.38	4052356.50	10.00577		
733496.38	4052381.50	10.58468	733496.38	4052406.50	11.25239		
733496.38	4052431.50	12.06379	733496.38	4052456.50	12.90502		
733496.38	4052481.50	13.45838	733496.38	4052506.50	13.93603		
733496.38	4052531.50	14.82772	733496.38	4052556.50	15.69422		
733496.38	4052581.50	16.78301	733496.38	4052606.50	17.88857		
733496.38	4052631.50	19.11138	733496.38	4052656.50	20.26453		
733496.38	4052681.50	21.80037	733496.38	4052706.50	23.80875		
733496.38	4052731.50	26.02038	733496.38	4052756.50	28.06760		
733496.38	4052781.50	31.09798	733496.38	4052806.50	33.43489		
733496.38	4052831.50	36.56889	733496.38	4052856.50	39.69837		
733496.38	4052881.50	45.63860	733496.38	4052906.50	50.13990		

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
PAGE 185

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
733496.38	4053981.50	24.29460	733496.38	4054006.50	23.41061		
733496.38	4054031.50	22.54605	733496.38	4054056.50	21.68239		
733496.38	4054081.50	20.89118	733496.38	4054106.50	19.97191		
733496.38	4054906.50	4.20226	733496.38	4054931.50	4.10856		
733496.38	4054956.50	4.02881	733496.38	4054981.50	3.96820		
733496.38	4055006.50	3.91117	733496.38	4055031.50	3.86630		
733496.38	4055056.50	3.83165	733496.38	4055081.50	3.79832		
733496.38	4055106.50	3.72811	733496.38	4055131.50	3.69408		
733496.38	4055156.50	3.61341	733496.38	4055181.50	3.54594		
733496.38	4055206.50	3.50243	733496.38	4055231.50	3.40339		
733496.38	4055256.50	3.36247	733496.38	4055281.50	3.33008		
733496.38	4055306.50	3.29841	733496.38	4055331.50	3.26438		
733521.38	4052331.50	9.74098	733521.38	4052356.50	10.28771		
733521.38	4052381.50	10.84579	733521.38	4052406.50	11.54243		
733521.38	4052431.50	12.30222	733521.38	4052456.50	12.89298		
733521.38	4052481.50	13.28626	733521.38	4052506.50	13.84024		
733521.38	4052531.50	14.53993	733521.38	4052556.50	15.54121		
733521.38	4052581.50	16.63303	733521.38	4052606.50	17.91442		
733521.38	4052631.50	19.06626	733521.38	4052656.50	20.22465		
733521.38	4052681.50	21.67700	733521.38	4052706.50	23.50755		
733521.38	4052731.50	25.32099	733521.38	4052756.50	26.92089		
733521.38	4052781.50	29.83327	733521.38	4052806.50	32.08300		
733521.38	4052831.50	35.49897	733521.38	4052856.50	39.01692		
733521.38	4052881.50	44.20807	733521.38	4052906.50	49.46103		
733521.38	4052931.50	52.66682	733521.38	4053481.50	61.07489		
733521.38	4053506.50	61.30720	733521.38	4053531.50	60.77350		
733521.38	4053556.50	60.08467	733521.38	4053581.50	60.16268		
733521.38	4053606.50	59.59944	733521.38	4053631.50	56.40384		
733521.38	4053656.50	48.60348	733521.38	4053681.50	44.68699		
733521.38	4053706.50	42.60524	733521.38	4053731.50	40.54131		
733521.38	4053756.50	37.60887	733521.38	4053781.50	34.10331		
733521.38	4053806.50	32.26679	733521.38	4053831.50	30.36146		
733521.38	4053856.50	29.11139	733521.38	4053881.50	27.65727		
733521.38	4053906.50	26.36245	733521.38	4053931.50	25.50637		
733521.38	4053956.50	24.70904	733521.38	4053981.50	23.70678		
733521.38	4054006.50	22.73891	733521.38	4054031.50	22.12241		
733521.38	4054056.50	21.51859	733521.38	4054081.50	20.84915		
733521.38	4054106.50	20.15063	733521.38	4054131.50	19.44392		
733521.38	4054156.50	18.68512	733521.38	4054181.50	17.96753		
733521.38	4054206.50	17.19431	733521.38	4054231.50	16.43953		

*** AERMOD - VERSION 19191 *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** 23:30:46
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF NO2      IN MICROGRAMS/M**3      **
-----
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
733521.38    4054256.50    15.70467   733521.38    4054281.50    14.94563
733521.38    4054306.50    14.26346   733521.38    4054331.50    13.53608
733521.38    4054356.50    12.76268   733521.38    4054381.50    12.08943
733521.38    4054406.50    11.44724   733521.38    4054431.50    11.01616
733521.38    4054456.50    10.63115   733521.38    4054481.50    10.39321
733521.38    4054506.50    10.10349   733521.38    4054531.50    9.62659
733521.38    4054556.50    8.92566    733521.38    4054581.50    8.16062
733521.38    4054606.50    7.43642    733521.38    4054631.50    6.80347
733521.38    4054656.50    6.48543    733521.38    4054681.50    6.27499
733521.38    4054706.50    6.09529    733521.38    4054731.50    5.94963
733521.38    4054756.50    5.67360    733521.38    4054781.50    5.35512
733521.38    4054806.50    5.03513    733521.38    4054831.50    4.75045
733521.38    4054856.50    4.40928    733521.38    4054881.50    4.14756
733521.38    4054906.50    3.92774    733521.38    4054931.50    3.79110
733521.38    4054956.50    3.70972    733521.38    4054981.50    3.63385
733521.38    4055006.50    3.55485    733521.38    4055031.50    3.50237
733521.38    4055056.50    3.45997    733521.38    4055081.50    3.43268
733521.38    4055106.50    3.41142    733521.38    4055131.50    3.39037
733521.38    4055156.50    3.35257    733521.38    4055181.50    3.26158
733521.38    4055206.50    3.23775    733521.38    4055231.50    3.15826
733521.38    4055256.50    3.08350    733521.38    4055281.50    3.04338
733521.38    4055306.50    3.01873    733521.38    4055331.50    2.99415
733546.38    4052331.50    9.93065    733546.38    4052356.50    10.44218
733546.38    4052381.50    11.07982    733546.38    4052406.50    11.74606
733546.38    4052431.50    12.30758    733546.38    4052456.50    12.66114
733546.38    4052481.50    13.26931    733546.38    4052506.50    13.91822
733546.38    4052531.50    14.64507    733546.38    4052556.50    15.67968
733546.38    4052581.50    16.69032    733546.38    4052606.50    17.36148
733546.38    4052631.50    18.39247    733546.38    4052656.50    19.56926
733546.38    4052681.50    21.31635    733546.38    4052706.50    22.90305
733546.38    4052731.50    24.43978    733546.38    4052756.50    25.78373
733546.38    4052781.50    27.75793    733546.38    4052806.50    31.22259
733546.38    4052831.50    33.98702    733546.38    4052856.50    36.82676
733546.38    4052881.50    42.33528    733546.38    4052906.50    46.89704
733546.38    4052931.50    51.03098    733546.38    4052956.50    51.75501
733546.38    4052981.50    53.08619    733546.38    4053006.50    53.94853
733546.38    4053031.50    54.23679    733546.38    4053056.50    57.80165
733546.38    4053081.50    59.16853    733546.38    4053106.50    59.72091
733546.38    4053131.50    60.34117    733546.38    4053156.50    60.83010
733546.38    4053181.50    61.36611    733546.38    4053206.50    61.34759
*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   10/04/20
*** AERMET - VERSION 18081 ***   ***                                     ***   23:30:46
*** MODELOPTs:   RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*   ***                                     ***   PAGE 187

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2      IN MICROGRAMS/M**3      **
-----
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
733546.38    4053231.50    60.72595   733546.38    4053256.50    60.64468
733546.38    4053281.50    61.25978   733546.38    4053306.50    61.11434
733546.38    4053331.50    61.21818   733546.38    4053356.50    61.23782
733546.38    4053381.50    60.02742   733546.38    4053406.50    59.18880
733546.38    4053431.50    58.55918   733546.38    4053456.50    58.44701
733546.38    4053481.50    58.40211   733546.38    4053506.50    56.79556
733546.38    4053531.50    55.70662   733546.38    4053556.50    55.53404
733546.38    4053581.50    54.74812   733546.38    4053606.50    54.25520
733546.38    4053631.50    51.73614   733546.38    4053656.50    46.77076
733546.38    4053681.50    42.40883   733546.38    4053706.50    40.20265
733546.38    4053731.50    38.78856   733546.38    4053756.50    37.13976
733546.38    4053781.50    33.48559   733546.38    4053806.50    31.23586
733546.38    4053831.50    29.40035   733546.38    4053856.50    27.26068
733546.38    4053881.50    26.53502   733546.38    4053906.50    25.63240
733546.38    4053931.50    24.75988   733546.38    4053956.50    24.03950
733546.38    4053981.50    23.44762   733546.38    4054006.50    22.51586
733546.38    4054031.50    21.51304   733546.38    4054056.50    20.44559
733546.38    4054081.50    19.79262   733546.38    4054106.50    19.37471
733546.38    4054131.50    18.97985   733546.38    4054156.50    18.39271
733546.38    4054181.50    17.55520   733546.38    4054206.50    16.82760
733546.38    4054231.50    16.23955   733546.38    4054256.50    15.69243
733546.38    4054281.50    15.13475   733546.38    4054306.50    14.59060
733546.38    4054331.50    14.05821   733546.38    4054356.50    13.41906
733546.38    4054381.50    12.68093   733546.38    4054406.50    12.02158
733546.38    4054431.50    11.39536   733546.38    4054456.50    10.92876
733546.38    4054481.50    10.53970   733546.38    4054506.50    10.29634
733546.38    4054531.50    10.06463   733546.38    4054556.50    9.77498
733546.38    4054581.50    9.21778    733546.38    4054606.50    8.46783
733546.38    4054631.50    7.72676    733546.38    4054656.50    7.04080
733546.38    4054681.50    6.53714    733546.38    4054706.50    6.36872
733546.38    4054731.50    6.16530    733546.38    4054756.50    5.98495
733546.38    4054781.50    5.81962    733546.38    4054806.50    5.55102
733546.38    4054831.50    5.24595    733546.38    4054856.50    4.93604
733546.38    4054881.50    4.62413    733546.38    4054906.50    4.33157
733546.38    4054931.50    4.07623    733546.38    4054956.50    3.83382
733546.38    4054981.50    3.60417    733546.38    4055006.50    3.44044
733546.38    4055031.50    3.35458    733546.38    4055056.50    3.28484
733546.38    4055081.50    3.21923    733546.38    4055106.50    3.15678
733546.38    4055131.50    3.12935    733546.38    4055156.50    3.11384
733546.38    4055181.50    3.09850    733546.38    4055206.50    3.07378
*** AERMOD - VERSION 19191 ***   *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR ***   10/04/20
*** AERMET - VERSION 18081 ***   ***                                     ***   23:30:46
*** MODELOPTs:   RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*   ***                                     ***   PAGE 188

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2      IN MICROGRAMS/M**3      **
-----
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
733546.38    4055231.50    3.03024    733546.38    4055256.50    3.01177
733546.38    4055281.50    2.98737    733546.38    4055306.50    2.91788

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733546.38 4055331.50 2.85567 733571.38 4052331.50 9.97820
733571.38 4052356.50 10.55675 733571.38 4052381.50 11.03441
733571.38 4052406.50 11.52478 733571.38 4052431.50 11.79713
733571.38 4052456.50 12.32745 733571.38 4052481.50 13.08817
733571.38 4052506.50 13.88725 733571.38 4052531.50 14.70589
733571.38 4052556.50 15.04362 733571.38 4052581.50 15.79884
733571.38 4052606.50 16.70083 733571.38 4052631.50 17.79795
733571.38 4052656.50 18.48737 733571.38 4052681.50 19.19928
733571.38 4052706.50 21.34551 733571.38 4052731.50 23.71106
733571.38 4052756.50 25.23371 733571.38 4052781.50 26.52415
733571.38 4052806.50 29.64964 733571.38 4052831.50 32.70392
733571.38 4052856.50 35.83036 733571.38 4052881.50 39.22526
733571.38 4052906.50 43.97999 733571.38 4052931.50 47.58400
733571.38 4052956.50 47.80903 733571.38 4052981.50 48.63306
733571.38 4053006.50 49.28920 733571.38 4053031.50 51.19235
733571.38 4053056.50 54.65657 733571.38 4053081.50 55.80639
733571.38 4053106.50 57.17623 733571.38 4053131.50 56.44676
733571.38 4053156.50 54.90602 733571.38 4053181.50 55.29628
733571.38 4053206.50 54.75454 733571.38 4053231.50 54.94090
733571.38 4053256.50 54.91790 733571.38 4053281.50 55.62363
733571.38 4053306.50 57.03095 733571.38 4053331.50 58.54598
733571.38 4053356.50 57.47552 733571.38 4053381.50 56.67420
733571.38 4053406.50 55.78403 733571.38 4053431.50 54.21916
733571.38 4053456.50 54.11173 733571.38 4053481.50 54.29829
733571.38 4053506.50 52.95777 733571.38 4053531.50 51.65087
733571.38 4053556.50 51.02619 733571.38 4053581.50 49.28739
733571.38 4053606.50 48.97927 733571.38 4053631.50 45.65004
733571.38 4053656.50 43.99861 733571.38 4053681.50 40.61019
733571.38 4053706.50 35.84655 733571.38 4053731.50 34.86434
733571.38 4053756.50 34.01871 733571.38 4053781.50 33.15651
733571.38 4053806.50 30.79834 733571.38 4053831.50 29.08215
733571.38 4053856.50 26.99806 733571.38 4053881.50 25.03786
733571.38 4053906.50 23.98306 733571.38 4053931.50 23.42832
733571.38 4053956.50 22.95483 733571.38 4053981.50 22.48473
733571.38 4054006.50 22.04123 733571.38 4054031.50 21.05623
733571.38 4054056.50 19.90562 733571.38 4054081.50 19.05701
733571.38 4054106.50 18.52987 733571.38 4054131.50 17.62401
733571.38 4054156.50 17.22612 733571.38 4054181.50 16.90523
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 189
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733571.38 4054206.50 16.57217 733571.38 4054231.50 15.96366
733571.38 4054256.50 15.33577 733571.38 4054281.50 14.80077
733571.38 4054306.50 14.27885 733571.38 4054331.50 13.77055
733571.38 4054356.50 13.24718 733571.38 4054381.50 12.76619
733571.38 4054406.50 12.28693 733571.38 4054431.50 11.87387
733571.38 4054456.50 11.12341 733571.38 4054481.50 10.67120
733571.38 4054506.50 10.33396 733571.38 4054531.50 10.13003
733571.38 4054556.50 9.98060 733571.38 4054581.50 9.72667
733571.38 4054606.50 9.45658 733571.38 4054631.50 8.74113
733571.38 4054656.50 8.01184 733571.38 4054681.50 7.32645
733571.38 4054706.50 6.78816 733571.38 4054731.50 6.34868
733571.38 4054756.50 6.20152 733571.38 4054781.50 6.06066
733571.38 4054806.50 5.89599 733571.38 4054831.50 5.73821
733571.38 4054856.50 5.46092 733571.38 4054881.50 5.15930
733571.38 4054906.50 4.86989 733571.38 4054931.50 4.55544
733571.38 4054956.50 4.29353 733571.38 4054981.50 4.04377
733571.38 4055006.50 3.80547 733571.38 4055031.50 3.58662
733571.38 4055056.50 3.40177 733571.38 4055081.50 3.24789
733571.38 4055106.50 3.10239 733571.38 4055131.50 3.04018
733571.38 4055156.50 2.98043 733571.38 4055181.50 2.93913
733571.38 4055206.50 2.89856 733571.38 4055231.50 2.87119
733571.38 4055256.50 2.85614 733571.38 4055281.50 2.84104
733571.38 4055306.50 2.78062 733571.38 4055331.50 2.75622
733596.38 4052331.50 9.79524 733596.38 4052356.50 10.20200
733596.38 4052381.50 10.69474 733596.38 4052406.50 11.12147
733596.38 4052431.50 11.59215 733596.38 4052456.50 11.94772
733596.38 4052481.50 12.23280 733596.38 4052506.50 12.40355
733596.38 4052531.50 12.51992 733596.38 4052556.50 13.11011
733596.38 4052581.50 14.24109 733596.38 4052606.50 15.61112
733596.38 4052631.50 16.53986 733596.38 4052656.50 17.79945
733596.38 4052681.50 19.70513 733596.38 4052706.50 21.31181
733596.38 4052731.50 22.45079 733596.38 4052756.50 24.01641
733596.38 4052781.50 26.31423 733596.38 4052806.50 28.61463
733596.38 4052831.50 31.55109 733596.38 4052856.50 33.42099
733596.38 4052881.50 37.24965 733596.38 4052906.50 40.44776
733596.38 4052931.50 43.31336 733596.38 4052956.50 43.93986
733596.38 4052981.50 43.89200 733596.38 4053006.50 44.52736
733596.38 4053031.50 47.41495 733596.38 4053056.50 50.11315
733596.38 4053081.50 50.39871 733596.38 4053106.50 49.71347
733596.38 4053131.50 50.30099 733596.38 4053156.50 49.86132
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 190
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733596.38 4053181.50 50.52832 733596.38 4053206.50 50.73297
733596.38 4053231.50 50.21435 733596.38 4053256.50 50.73024
733596.38 4053281.50 50.97846 733596.38 4053306.50 51.46531
733596.38 4053331.50 52.57173 733596.38 4053356.50 53.58577
733596.38 4053381.50 53.94890 733596.38 4053406.50 52.22610
733596.38 4053431.50 50.42059 733596.38 4053456.50 49.87091
733596.38 4053481.50 49.96783 733596.38 4053506.50 49.03890
733596.38 4053531.50 47.86190 733596.38 4053556.50 47.84866
733596.38 4053581.50 45.06769 733596.38 4053606.50 45.02153

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733596.38 4053631.50 42.57317 733596.38 4053656.50 40.79135
733596.38 4053681.50 38.52579 733596.38 4053706.50 34.79789
733596.38 4053731.50 31.43193 733596.38 4053756.50 30.30168
733596.38 4053781.50 30.41477 733596.38 4053806.50 28.73073
733596.38 4053831.50 27.21058 733596.38 4053856.50 26.51712
733596.38 4053881.50 24.85827 733596.38 4053906.50 23.31356
733596.38 4053931.50 22.17525 733596.38 4053956.50 21.35803
733596.38 4053981.50 20.89919 733596.38 4054006.50 20.64445
733596.38 4054031.50 20.34856 733596.38 4054056.50 19.98235
733596.38 4054081.50 19.05181 733596.38 4054106.50 18.19327
733596.38 4054131.50 17.69439 733596.38 4054156.50 16.71000
733596.38 4054181.50 15.72553 733596.38 4054206.50 15.41599
733596.38 4054231.50 15.10792 733596.38 4054256.50 14.77437
733596.38 4054281.50 14.59989 733596.38 4054306.50 14.04076
733596.38 4054331.50 13.38235 733596.38 4054356.50 12.92118
733596.38 4054381.50 12.51062 733596.38 4054406.50 12.07375
733596.38 4054431.50 11.66034 733596.38 4054456.50 11.30228
733596.38 4054481.50 11.00674 733596.38 4054506.50 10.36458
733596.38 4054531.50 9.69077 733596.38 4054556.50 9.49509
733596.38 4054581.50 9.37400 733596.38 4054606.50 9.24959
733596.38 4054631.50 9.07109 733596.38 4054656.50 8.78319
733596.38 4054681.50 8.28078 733596.38 4054706.50 7.59293
733596.38 4054731.50 7.03519 733596.38 4054756.50 6.53365
733596.38 4054781.50 6.17312 733596.38 4054806.50 6.00520
733596.38 4054831.50 5.89947 733596.38 4054856.50 5.79858
733596.38 4054881.50 5.65738 733596.38 4054906.50 5.40092
733596.38 4054931.50 5.09869 733596.38 4054956.50 4.81077
733596.38 4054981.50 4.51349 733596.38 4055006.50 4.25866
733596.38 4055031.50 4.01917 733596.38 4055056.50 3.79863
733596.38 4055081.50 3.58888 733596.38 4055106.50 3.39007
733596.38 4055131.50 3.22923 733596.38 4055156.50 3.07136
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 191

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733596.38 4055181.50 2.97986 733596.38 4055206.50 2.89101
733596.38 4055231.50 2.81947 733596.38 4055256.50 2.75614
733596.38 4055281.50 2.71634 733596.38 4055306.50 2.67548
733596.38 4055331.50 2.64387 733621.38 4052331.50 8.89154
733621.38 4052356.50 9.15638 733621.38 4052381.50 9.36527
733621.38 4052406.50 9.46406 733621.38 4052431.50 9.84508
733621.38 4052456.50 10.38896 733621.38 4052481.50 10.94901
733621.38 4052506.50 11.49825 733621.38 4052531.50 12.32755
733621.38 4052556.50 13.41328 733621.38 4052581.50 14.28800
733621.38 4052606.50 15.56395 733621.38 4052631.50 16.56629
733621.38 4052656.50 17.63049 733621.38 4052681.50 19.13070
733621.38 4052706.50 20.53137 733621.38 4052731.50 21.61774
733621.38 4052756.50 23.24221 733621.38 4052781.50 25.45078
733621.38 4052806.50 28.05257 733621.38 4052831.50 29.67280
733621.38 4052856.50 31.64815 733621.38 4052881.50 35.54268
733621.38 4052906.50 37.94594 733621.38 4052931.50 39.13727
733621.38 4052956.50 39.65691 733621.38 4052981.50 39.73065
733621.38 4053006.50 41.03467 733621.38 4053031.50 42.89275
733621.38 4053056.50 44.73248 733621.38 4053081.50 45.74226
733621.38 4053106.50 46.50579 733621.38 4053131.50 47.13489
733621.38 4053156.50 46.57509 733621.38 4053181.50 46.49655
733621.38 4053206.50 47.52388 733621.38 4053231.50 47.54602
733621.38 4053256.50 47.44374 733621.38 4053281.50 47.38273
733621.38 4053306.50 47.63899 733621.38 4053331.50 48.41180
733621.38 4053356.50 48.98636 733621.38 4053381.50 49.09448
733621.38 4053406.50 48.75747 733621.38 4053431.50 47.71230
733621.38 4053456.50 47.47831 733621.38 4053481.50 46.95496
733621.38 4053506.50 46.13022 733621.38 4053531.50 44.99385
733621.38 4053556.50 43.93852 733621.38 4053581.50 42.28819
733621.38 4053606.50 41.46298 733621.38 4053631.50 40.23943
733621.38 4053656.50 37.81662 733621.38 4053681.50 36.28666
733621.38 4053706.50 34.40173 733621.38 4053731.50 30.84888
733621.38 4053756.50 28.04792 733621.38 4053781.50 26.93719
733621.38 4053806.50 26.94016 733621.38 4053831.50 25.92775
733621.38 4053856.50 24.67594 733621.38 4053881.50 23.61316
733621.38 4053906.50 22.84376 733621.38 4053931.50 21.89957
733621.38 4053956.50 20.76043 733621.38 4053981.50 19.75322
733621.38 4054006.50 19.27513 733621.38 4054031.50 18.93618
733621.38 4054056.50 18.57797 733621.38 4054081.50 18.34360
733621.38 4054106.50 17.93304 733621.38 4054131.50 17.49361
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 192

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
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733621.38 4054156.50 16.91590 733621.38 4054181.50 16.05262
733621.38 4054206.50 15.04005 733621.38 4054231.50 14.06510
733621.38 4054256.50 13.79367 733621.38 4054281.50 13.51799
733621.38 4054306.50 13.38830 733621.38 4054331.50 13.29352
733621.38 4054356.50 13.13180 733621.38 4054381.50 12.69756
733621.38 4054406.50 12.09153 733621.38 4054431.50 11.48529
733621.38 4054456.50 11.04227 733621.38 4054481.50 10.69656
733621.38 4054506.50 10.38432 733621.38 4054531.50 10.18568
733621.38 4054556.50 9.72370 733621.38 4054581.50 9.13522
733621.38 4054606.50 8.72629 733621.38 4054631.50 8.50708
733621.38 4054656.50 8.37850 733621.38 4054681.50 8.20353
733621.38 4054706.50 7.93519 733621.38 4054731.50 7.70031
733621.38 4054756.50 7.25062 733621.38 4054781.50 6.76296
733621.38 4054806.50 6.29721 733621.38 4054831.50 5.99769
733621.38 4054856.50 5.80326 733621.38 4054881.50 5.71660
733621.38 4054906.50 5.63292 733621.38 4054931.50 5.55035

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733621.38 4054956.50 5.34408 733621.38 4054981.50 5.04795
733621.38 4055006.50 4.76244 733621.38 4055031.50 4.47017
733621.38 4055056.50 4.23196 733621.38 4055081.50 4.00680
733621.38 4055106.50 3.79290 733621.38 4055131.50 3.58924
733621.38 4055156.50 3.39586 733621.38 4055181.50 3.20942
733621.38 4055206.50 3.06722 733621.38 4055231.50 2.97024
733621.38 4055256.50 2.89368 733621.38 4055281.50 2.81914
733621.38 4055306.50 2.74612 733621.38 4055331.50 2.67458
733646.38 4052331.50 8.01893 733646.38 4052356.50 8.45748
733646.38 4052381.50 8.86932 733646.38 4052406.50 9.47486
733646.38 4052431.50 10.01710 733646.38 4052456.50 10.50270
733646.38 4052481.50 10.93256 733646.38 4052506.50 11.56864
733646.38 4052531.50 12.50080 733646.38 4052556.50 13.60781
733646.38 4052581.50 14.70226 733646.38 4052606.50 15.41365
733646.38 4052631.50 16.05934 733646.38 4052656.50 17.48160
733646.38 4052681.50 19.11969 733646.38 4052706.50 19.93994
733646.38 4052731.50 21.25678 733646.38 4052756.50 23.05147
733646.38 4052781.50 24.75498 733646.38 4052806.50 26.68334
733646.38 4052831.50 28.17661 733646.38 4052856.50 30.45601
733646.38 4052881.50 34.08027 733646.38 4052906.50 35.79872
733646.38 4052931.50 35.83904 733646.38 4052956.50 35.90736
733646.38 4052981.50 35.97751 733646.38 4053006.50 37.87816
733646.38 4053031.50 39.09387 733646.38 4053056.50 41.36737
733646.38 4053081.50 42.72416 733646.38 4053106.50 43.43778
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 193

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733646.38 4053131.50 43.85360 733646.38 4053156.50 43.72833
733646.38 4053181.50 43.80255 733646.38 4053206.50 44.48169
733646.38 4053231.50 45.17221 733646.38 4053256.50 45.28468
733646.38 4053281.50 44.93261 733646.38 4053306.50 44.73930
733646.38 4053331.50 44.79742 733646.38 4053356.50 45.53370
733646.38 4053381.50 45.09366 733646.38 4053406.50 45.10261
733646.38 4053431.50 45.24345 733646.38 4053456.50 45.24319
733646.38 4053481.50 44.70830 733646.38 4053506.50 42.79083
733646.38 4053531.50 41.82746 733646.38 4053556.50 40.78402
733646.38 4053581.50 39.57060 733646.38 4053606.50 38.57969
733646.38 4053631.50 38.11340 733646.38 4053656.50 35.81966
733646.38 4053681.50 34.56363 733646.38 4053706.50 33.11870
733646.38 4053731.50 30.01549 733646.38 4053756.50 28.13457
733646.38 4053781.50 26.05503 733646.38 4053806.50 24.86278
733646.38 4053831.50 24.24748 733646.38 4053856.50 23.77904
733646.38 4053881.50 23.11264 733646.38 4053906.50 21.99160
733646.38 4053931.50 20.57376 733646.38 4053956.50 19.22751
733646.38 4053981.50 19.00112 733646.38 4054006.50 18.60808
733646.38 4054031.50 17.81642 733646.38 4054056.50 17.46974
733646.38 4054081.50 17.22524 733646.38 4054106.50 16.96078
733646.38 4054131.50 16.66336 733646.38 4054156.50 16.38734
733646.38 4054181.50 16.11104 733646.38 4054206.50 15.51584
733646.38 4054231.50 14.33590 733646.38 4054256.50 13.44311
733646.38 4054281.50 12.64911 733646.38 4054306.50 12.33387
733646.38 4054331.50 12.22629 733646.38 4054356.50 12.14846
733646.38 4054381.50 12.12180 733646.38 4054406.50 12.03553
733646.38 4054431.50 11.82456 733646.38 4054456.50 11.49186
733646.38 4054481.50 10.91214 733646.38 4054506.50 10.33284
733646.38 4054531.50 9.82030 733646.38 4054556.50 9.52984
733646.38 4054581.50 9.17652 733646.38 4054606.50 8.93799
733646.38 4054631.50 8.80411 733646.38 4054656.50 8.47275
733646.38 4054681.50 8.09231 733646.38 4054706.50 7.78392
733646.38 4054731.50 7.51876 733646.38 4054756.50 7.26926
733646.38 4054781.50 7.03880 733646.38 4054806.50 6.79171
733646.38 4054831.50 6.40055 733646.38 4054856.50 6.00429
733646.38 4054881.50 5.77645 733646.38 4054906.50 5.59337
733646.38 4054931.50 5.48540 733646.38 4054956.50 5.44944
733646.38 4054981.50 5.38602 733646.38 4055006.50 5.24825
733646.38 4055031.50 5.00483 733646.38 4055056.50 4.72892
733646.38 4055081.50 4.44006 733646.38 4055106.50 4.17296
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 194

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733646.38 4055131.50 3.98166 733646.38 4055156.50 3.78720
733646.38 4055181.50 3.58878 733646.38 4055206.50 3.40026
733646.38 4055231.50 3.21659 733646.38 4055256.50 3.06496
733646.38 4055281.50 2.96895 733646.38 4055306.50 2.89424
733646.38 4055331.50 2.81027 733671.38 4052331.50 8.28080
733671.38 4052356.50 8.47427 733671.38 4052381.50 9.06371
733671.38 4052406.50 9.57837 733671.38 4052431.50 10.07745
733671.38 4052456.50 10.57542 733671.38 4052481.50 11.15709
733671.38 4052506.50 11.87175 733671.38 4052531.50 12.85853
733671.38 4052556.50 13.89739 733671.38 4052581.50 14.42894
733671.38 4052606.50 15.15149 733671.38 4052631.50 16.26004
733671.38 4052656.50 17.86115 733671.38 4052681.50 18.51716
733671.38 4052706.50 19.61087 733671.38 4052731.50 20.93819
733671.38 4052756.50 22.13290 733671.38 4052781.50 24.29049
733671.38 4052806.50 25.56826 733671.38 4052831.50 27.22437
733671.38 4052856.50 28.94198 733671.38 4052881.50 31.91252
733671.38 4052906.50 32.78576 733671.38 4052931.50 33.52448
733671.38 4052956.50 33.83703 733671.38 4052981.50 33.24000
733671.38 4053006.50 34.98100 733671.38 4053031.50 35.99457
733671.38 4053056.50 38.00909 733671.38 4053081.50 39.62628
733671.38 4053106.50 40.27425 733671.38 4053131.50 41.56650
733671.38 4053156.50 41.52741 733671.38 4053181.50 41.66914
733671.38 4053206.50 41.55614 733671.38 4053231.50 41.74563

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733671.38 4053256.50 43.06369 733671.38 4053281.50 42.74555
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733671.38 4053356.50 42.45471 733671.38 4053381.50 42.76779
733671.38 4053406.50 41.68486 733671.38 4053431.50 41.64738
733671.38 4053456.50 42.45898 733671.38 4053481.50 42.19396
733671.38 4053506.50 39.33428 733671.38 4053531.50 39.00672
733671.38 4053556.50 38.52409 733671.38 4053581.50 36.87744
733671.38 4053606.50 36.60649 733671.38 4053631.50 35.85619
733671.38 4053656.50 33.85487 733671.38 4053681.50 33.29818
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733671.38 4053756.50 26.94445 733671.38 4053781.50 25.94202
733671.38 4053806.50 24.32672 733671.38 4053831.50 23.43897
733671.38 4053856.50 22.26136 733671.38 4053881.50 21.92222
733671.38 4053906.50 21.44360 733671.38 4053931.50 20.78984
733671.38 4053956.50 19.23985 733671.38 4053981.50 17.58690
733671.38 4054006.50 16.97185 733671.38 4054031.50 16.69598
733671.38 4054056.50 16.45732 733671.38 4054081.50 16.14717
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDEFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 195

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733671.38 4054106.50 15.90509 733671.38 4054131.50 15.71680
733671.38 4054156.50 15.40385 733671.38 4054181.50 14.93003
733671.38 4054206.50 14.94111 733671.38 4054231.50 14.85291
733671.38 4054256.50 13.95313 733671.38 4054281.50 12.85842
733671.38 4054306.50 12.00899 733671.38 4054331.50 11.28773
733671.38 4054356.50 11.08876 733671.38 4054381.50 11.08629
733671.38 4054406.50 11.10063 733671.38 4054431.50 11.09125
733671.38 4054456.50 11.06411 733671.38 4054481.50 10.87942
733671.38 4054506.50 10.69482 733671.38 4054531.50 10.37700
733671.38 4054556.50 9.85686 733671.38 4054581.50 9.37079
733671.38 4054606.50 8.86698 733671.38 4054631.50 8.40787
733671.38 4054656.50 8.19862 733671.38 4054681.50 8.15818
733671.38 4054706.50 8.11431 733671.38 4054731.50 7.86932
733671.38 4054756.50 7.37508 733671.38 4054781.50 6.92781
733671.38 4054806.50 6.68461 733671.38 4054831.50 6.49405
733671.38 4054856.50 6.22908 733671.38 4054881.50 5.95151
733671.38 4054906.50 5.61493 733671.38 4054931.50 5.50786
733671.38 4054956.50 5.38175 733671.38 4054981.50 5.24407
733671.38 4055006.50 5.19255 733671.38 4055031.50 5.15158
733671.38 4055056.50 5.05763 733671.38 4055081.50 4.82444
733671.38 4055106.50 4.64835 733671.38 4055131.50 4.38353
733671.38 4055156.50 4.12074 733671.38 4055181.50 3.92416
733671.38 4055206.50 3.75202 733671.38 4055231.50 3.58596
733671.38 4055256.50 3.40458 733671.38 4055281.50 3.22990
733671.38 4055306.50 3.07484 733671.38 4055331.50 2.96801
733696.38 4052331.50 8.23837 733696.38 4052356.50 8.78506
733696.38 4052381.50 9.33937 733696.38 4052406.50 9.62906
733696.38 4052431.50 10.12992 733696.38 4052456.50 10.54769
733696.38 4052481.50 11.33707 733696.38 4052506.50 12.22206
733696.38 4052531.50 13.06750 733696.38 4052556.50 13.68245
733696.38 4052581.50 14.50865 733696.38 4052606.50 15.35596
733696.38 4052631.50 16.59649 733696.38 4052656.50 17.25226
733696.38 4052681.50 18.21926 733696.38 4052706.50 19.00117
733696.38 4052731.50 20.42282 733696.38 4052756.50 21.93151
733696.38 4052781.50 23.07819 733696.38 4052806.50 24.67226
733696.38 4052831.50 26.24000 733696.38 4052856.50 27.83095
733696.38 4052881.50 29.25039 733696.38 4052906.50 30.70555
733696.38 4052931.50 31.40635 733696.38 4052956.50 31.72224
733696.38 4052981.50 31.27016 733696.38 4053006.50 32.40872
733696.38 4053031.50 33.57364 733696.38 4053056.50 35.12831
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDEFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 196

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733696.38 4053081.50 37.03944 733696.38 4053106.50 37.92786
733696.38 4053131.50 38.93749 733696.38 4053156.50 39.11498
733696.38 4053181.50 39.56087 733696.38 4053206.50 39.35294
733696.38 4053231.50 38.97046 733696.38 4053256.50 39.19201
733696.38 4053281.50 40.58303 733696.38 4053306.50 40.84271
733696.38 4053331.50 40.78530 733696.38 4053356.50 40.15198
733696.38 4053381.50 39.39094 733696.38 4053406.50 38.54891
733696.38 4053431.50 38.42972 733696.38 4053456.50 39.08266
733696.38 4053481.50 39.59570 733696.38 4053506.50 36.59723
733696.38 4053531.50 36.50329 733696.38 4053556.50 36.09700
733696.38 4053581.50 34.49394 733696.38 4053606.50 33.97585
733696.38 4053631.50 33.57795 733696.38 4053656.50 32.23357
733696.38 4053681.50 31.58152 733696.38 4053706.50 29.62996
733696.38 4053731.50 27.89096 733696.38 4053756.50 25.80946
733696.38 4053781.50 24.94580 733696.38 4053806.50 24.16045
733696.38 4053831.50 22.84027 733696.38 4053856.50 22.16199
733696.38 4053881.50 20.95037 733696.38 4053906.50 20.28192
733696.38 4053931.50 19.65650 733696.38 4053956.50 19.29213
733696.38 4053981.50 18.21820 733696.38 4054006.50 16.63918
733696.38 4054031.50 15.74909 733696.38 4054056.50 15.31467
733696.38 4054081.50 14.91712 733696.38 4054106.50 14.55288
733696.38 4054131.50 14.63248 733696.38 4054156.50 14.20597
733696.38 4054181.50 13.95869 733696.38 4054206.50 13.60312
733696.38 4054231.50 13.53621 733696.38 4054256.50 13.57506
733696.38 4054281.50 13.27424 733696.38 4054306.50 12.56197
733696.38 4054331.50 11.56842 733696.38 4054356.50 10.76296
733696.38 4054381.50 10.60741 733696.38 4054406.50 10.55373
733696.38 4054431.50 10.49499 733696.38 4054456.50 10.43481
733696.38 4054481.50 10.39044 733696.38 4054506.50 10.33273
733696.38 4054531.50 10.09097 733696.38 4054556.50 9.88017

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733696.38 4054581.50 9.69338 733696.38 4054606.50 9.41099
733696.38 4054631.50 8.96345 733696.38 4054656.50 8.46469
733696.38 4054681.50 7.97702 733696.38 4054706.50 7.57130
733696.38 4054731.50 7.44490 733696.38 4054756.50 7.41964
733696.38 4054781.50 7.39331 733696.38 4054806.50 7.09509
733696.38 4054831.50 6.61993 733696.38 4054856.50 6.26979
733696.38 4054881.50 5.99075 733696.38 4054906.50 5.72344
733696.38 4054931.50 5.49716 733696.38 4054956.50 5.26849
733696.38 4054981.50 5.18939 733696.38 4055006.50 5.11088
733696.38 4055031.50 5.05566 733696.38 4055056.50 4.97363
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 197

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733696.38	4055081.50	4.91712	733696.38	4055106.50	4.84502
733696.38	4055131.50	4.61000	733696.38	4055156.50	4.44125
733696.38	4055181.50	4.25197	733696.38	4055206.50	4.03673
733696.38	4055231.50	3.80979	733696.38	4055256.50	3.64605
733696.38	4055281.50	3.49685	733696.38	4055306.50	3.35640
733696.38	4055331.50	3.21995	733721.38	4052331.50	8.47234
733721.38	4052356.50	8.84941	733721.38	4052381.50	9.05751
733721.38	4052406.50	9.56976	733721.38	4052431.50	10.19128
733721.38	4052456.50	10.88220	733721.38	4052481.50	11.67970
733721.38	4052506.50	12.39853	733721.38	4052531.50	13.16338
733721.38	4052556.50	13.91440	733721.38	4052581.50	14.69348
733721.38	4052606.50	15.48102	733721.38	4052631.50	16.33297
733721.38	4052656.50	16.96996	733721.38	4052681.50	17.73734
733721.38	4052706.50	18.61650	733721.38	4052731.50	19.83737
733721.38	4052756.50	21.14717	733721.38	4052781.50	22.42924
733721.38	4052806.50	23.41819	733721.38	4052831.50	25.08312
733721.38	4052856.50	26.40018	733721.38	4052881.50	27.03468
733721.38	4052906.50	29.39712	733721.38	4052931.50	29.31976
733721.38	4052956.50	29.95906	733721.38	4052981.50	29.39524
733721.38	4053006.50	30.27338	733721.38	4053031.50	30.91828
733721.38	4053056.50	32.72650	733721.38	4053081.50	34.64445
733721.38	4053106.50	35.84603	733721.38	4053131.50	36.52355
733721.38	4053156.50	36.94271	733721.38	4053181.50	37.53796
733721.38	4053206.50	37.29035	733721.38	4053231.50	36.89546
733721.38	4053256.50	35.97990	733721.38	4053281.50	37.33185
733721.38	4053306.50	38.90676	733721.38	4053331.50	38.99343
733721.38	4053356.50	38.24422	733721.38	4053381.50	37.18189
733721.38	4053406.50	36.06823	733721.38	4053431.50	35.03181
733721.38	4053456.50	36.10294	733721.38	4053481.50	35.80978
733721.38	4053506.50	33.80660	733721.38	4053531.50	34.19706
733721.38	4053556.50	33.63262	733721.38	4053581.50	32.21199
733721.38	4053606.50	31.63507	733721.38	4053631.50	31.69567
733721.38	4053656.50	31.16054	733721.38	4053681.50	30.35308
733721.38	4053706.50	28.77026	733721.38	4053731.50	27.21765
733721.38	4053756.50	25.12084	733721.38	4053781.50	23.89451
733721.38	4053806.50	23.27594	733721.38	4053831.50	22.69274
733721.38	4053856.50	21.49030	733721.38	4053881.50	20.38900
733721.38	4053906.50	19.77139	733721.38	4053931.50	18.83107
733721.38	4053956.50	17.92237	733721.38	4053981.50	17.69585
733721.38	4054006.50	16.72155	733721.38	4054031.50	15.71382

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 198

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733721.38	4054056.50	15.01390	733721.38	4054081.50	14.42497
733721.38	4054106.50	13.83183	733721.38	4054131.50	13.40704
733721.38	4054156.50	13.13045	733721.38	4054181.50	13.04528
733721.38	4054206.50	12.69732	733721.38	4054231.50	12.20526
733721.38	4054256.50	11.92139	733721.38	4054281.50	11.95488
733721.38	4054306.50	12.03058	733721.38	4054331.50	11.54921
733721.38	4054356.50	11.11716	733721.38	4054381.50	10.45947
733721.38	4054406.50	10.20016	733721.38	4054431.50	10.14414
733721.38	4054456.50	10.10785	733721.38	4054481.50	10.06116
733721.38	4054506.50	10.00852	733721.38	4054531.50	9.94880
733721.38	4054556.50	9.89762	733721.38	4054581.50	9.75654
733721.38	4054606.50	9.51470	733721.38	4054631.50	9.26205
733721.38	4054656.50	8.98350	733721.38	4054681.50	8.58868
733721.38	4054706.50	8.09056	733721.38	4054731.50	7.67811
733721.38	4054756.50	7.39113	733721.38	4054781.50	7.10801
733721.38	4054806.50	6.88785	733721.38	4054831.50	6.79194
733721.38	4054856.50	6.61928	733721.38	4054881.50	6.41403
733721.38	4054906.50	6.03546	733721.38	4054931.50	5.75261
733721.38	4054956.50	5.48797	733721.38	4054981.50	5.24062
733721.38	4055006.50	5.04231	733721.38	4055031.50	4.86875
733721.38	4055056.50	4.83055	733721.38	4055081.50	4.81871
733721.38	4055106.50	4.78678	733721.38	4055131.50	4.68891
733721.38	4055156.50	4.55150	733721.38	4055181.50	4.36022
733721.38	4055206.50	4.20279	733721.38	4055231.50	4.02132
733721.38	4055256.50	3.82427	733721.38	4055281.50	3.64988
733721.38	4055306.50	3.50718	733721.38	4055331.50	3.39573
733746.38	4052331.50	8.35855	733746.38	4052356.50	8.53427
733746.38	4052381.50	9.21122	733746.38	4052406.50	9.83981
733746.38	4052431.50	10.49401	733746.38	4052456.50	11.18090
733746.38	4052481.50	11.94990	733746.38	4052506.50	12.67961
733746.38	4052531.50	13.36311	733746.38	4052556.50	14.08236
733746.38	4052581.50	14.74543	733746.38	4052606.50	15.56441
733746.38	4052631.50	15.70848	733746.38	4052656.50	16.05723
733746.38	4052681.50	17.12386	733746.38	4052706.50	18.53562
733746.38	4052731.50	19.55842	733746.38	4052756.50	20.35974
733746.38	4052781.50	21.82011	733746.38	4052806.50	23.00210
733746.38	4052831.50	23.80649	733746.38	4052856.50	24.92433

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733746.38 4052881.50 25.11765 733746.38 4052906.50 27.95451
733746.38 4052931.50 27.59789 733746.38 4052956.50 27.98144
733746.38 4052981.50 27.04975 733746.38 4053006.50 28.44532
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF NO2 IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733746.38	4053031.50	29.11944	733746.38	4053056.50	30.46954
733746.38	4053081.50	32.34920	733746.38	4053106.50	34.04630
733746.38	4053131.50	34.44254	733746.38	4053156.50	34.85901
733746.38	4053181.50	35.06107	733746.38	4053206.50	35.42117
733746.38	4053231.50	34.77556	733746.38	4053256.50	34.07592
733746.38	4053281.50	34.19246	733746.38	4053306.50	35.96274
733746.38	4053331.50	36.39639	733746.38	4053356.50	36.25482
733746.38	4053381.50	35.20320	733746.38	4053406.50	34.05203
733746.38	4053431.50	32.58191	733746.38	4053456.50	33.02989
733746.38	4053481.50	32.66003	733746.38	4053506.50	32.18258
733746.38	4053531.50	32.05678	733746.38	4053556.50	31.58815
733746.38	4053581.50	30.65217	733746.38	4053606.50	29.97570
733746.38	4053631.50	29.63816	733746.38	4053656.50	29.31677
733746.38	4053681.50	29.17245	733746.38	4053706.50	28.42896
733746.38	4053731.50	25.64501	733746.38	4053756.50	25.19720
733746.38	4053781.50	22.79415	733746.38	4053806.50	22.21520
733746.38	4053831.50	21.86498	733746.38	4053856.50	21.42370
733746.38	4053881.50	20.38679	733746.38	4053906.50	19.21638
733746.38	4053931.50	18.50418	733746.38	4053956.50	17.79421
733746.38	4053981.50	16.34692	733746.38	4054006.50	16.12587
733746.38	4054031.50	15.35755	733746.38	4054056.50	14.60310
733746.38	4054081.50	14.13266	733746.38	4054106.50	13.68418
733746.38	4054131.50	13.11411	733746.38	4054156.50	12.61181
733746.38	4054181.50	12.12929	733746.38	4054206.50	11.86969
733746.38	4054231.50	11.65420	733746.38	4054256.50	11.23340
733746.38	4054281.50	11.00064	733746.38	4054306.50	11.05520
733746.38	4054331.50	11.10832	733746.38	4054356.50	10.78158
733746.38	4054381.50	10.24562	733746.38	4054406.50	9.84239
733746.38	4054431.50	9.70232	733746.38	4054456.50	9.66462
733746.38	4054481.50	9.68030	733746.38	4054506.50	9.69198
733746.38	4054531.50	9.66169	733746.38	4054556.50	9.61888
733746.38	4054581.50	9.56984	733746.38	4054606.50	9.51407
733746.38	4054631.50	9.42603	733746.38	4054656.50	9.19018
733746.38	4054681.50	8.94866	733746.38	4054706.50	8.53884
733746.38	4054731.50	8.06171	733746.38	4054756.50	7.77642
733746.38	4054781.50	7.49821	733746.38	4054806.50	7.22255
733746.38	4054831.50	6.95252	733746.38	4054856.50	6.69183
733746.38	4054881.50	6.46214	733746.38	4054906.50	6.23159
733746.38	4054931.50	6.05866	733746.38	4054956.50	5.79427
733746.38	4054981.50	5.52627	733746.38	4055006.50	5.27901

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF NO2 IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733746.38	4055031.50	5.04733	733746.38	4055056.50	4.84740
733746.38	4055081.50	4.58419	733746.38	4055106.50	4.46337
733746.38	4055131.50	4.45650	733746.38	4055156.50	4.44290
733746.38	4055181.50	4.37848	733746.38	4055206.50	4.21616
733746.38	4055231.50	4.13822	733746.38	4055256.50	3.98905
733746.38	4055281.50	3.82816	733746.38	4055306.50	3.63748
733746.38	4055331.50	3.46169	733771.38	4052331.50	8.23075
733771.38	4052356.50	8.88344	733771.38	4052381.50	9.44783
733771.38	4052406.50	10.06794	733771.38	4052431.50	10.79697
733771.38	4052456.50	11.54177	733771.38	4052481.50	12.18619
733771.38	4052506.50	12.85832	733771.38	4052531.50	13.51600
733771.38	4052556.50	14.11138	733771.38	4052581.50	14.54848
733771.38	4052606.50	14.64502	733771.38	4052631.50	14.87455
733771.38	4052656.50	15.94675	733771.38	4052681.50	16.68588
733771.38	4052706.50	18.03217	733771.38	4052731.50	18.84659
733771.38	4052756.50	20.15742	733771.38	4052781.50	21.26484
733771.38	4052806.50	22.05971	733771.38	4052831.50	21.95252
733771.38	4052856.50	23.32567	733771.38	4052881.50	23.83165
733771.38	4052906.50	26.30693	733771.38	4052931.50	25.64807
733771.38	4052956.50	25.79769	733771.38	4052981.50	25.03326
733771.38	4053006.50	27.16912	733771.38	4053031.50	27.52634
733771.38	4053056.50	28.64521	733771.38	4053081.50	30.18652
733771.38	4053106.50	32.32170	733771.38	4053131.50	32.53507
733771.38	4053156.50	32.85582	733771.38	4053181.50	33.15028
733771.38	4053206.50	33.40387	733771.38	4053231.50	32.82874
733771.38	4053256.50	32.35471	733771.38	4053281.50	31.83405
733771.38	4053306.50	32.91637	733771.38	4053331.50	33.67120
733771.38	4053356.50	34.28306	733771.38	4053381.50	33.38370
733771.38	4053406.50	32.08974	733771.38	4053431.50	31.15834
733771.38	4053456.50	31.40892	733771.38	4053481.50	30.76668
733771.38	4053506.50	30.29070	733771.38	4053531.50	30.74434
733771.38	4053556.50	30.03208	733771.38	4053581.50	28.34880
733771.38	4053606.50	28.49666	733771.38	4053631.50	28.16414
733771.38	4053656.50	27.97184	733771.38	4053681.50	27.72273
733771.38	4053706.50	27.48035	733771.38	4053731.50	25.48907
733771.38	4053756.50	23.79483	733771.38	4053781.50	22.72726
733771.38	4053806.50	20.86104	733771.38	4053831.50	20.56103
733771.38	4053856.50	20.59391	733771.38	4053881.50	20.17631
733771.38	4053906.50	18.88324	733771.38	4053931.50	18.18264
733771.38	4053956.50	17.32902	733771.38	4053981.50	16.59222

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733771.38	4054006.50	15.15679	733771.38	4054031.50	14.77917
733771.38	4054056.50	14.19103	733771.38	4054081.50	13.69662
733771.38	4054106.50	13.26703	733771.38	4054131.50	12.83395
733771.38	4054156.50	12.54281	733771.38	4054181.50	12.00477
733771.38	4054206.50	11.54898	733771.38	4054231.50	11.10373
733771.38	4054256.50	10.74256	733771.38	4054281.50	10.41658
733771.38	4054306.50	10.17785	733771.38	4054331.50	10.27603
733771.38	4054356.50	10.33606	733771.38	4054381.50	10.30906
733771.38	4054406.50	9.78328	733771.38	4054431.50	9.44232
733771.38	4054456.50	9.31902	733771.38	4054481.50	9.16055
733771.38	4054506.50	9.14492	733771.38	4054531.50	9.02016
733771.38	4054556.50	9.10700	733771.38	4054581.50	9.17098
733771.38	4054606.50	9.16146	733771.38	4054631.50	9.14373
733771.38	4054656.50	9.12373	733771.38	4054681.50	9.09739
733771.38	4054706.50	8.80001	733771.38	4054731.50	8.51412
733771.38	4054756.50	8.07706	733771.38	4054781.50	7.79980
733771.38	4054806.50	7.43425	733771.38	4054831.50	7.20400
733771.38	4054856.50	6.99511	733771.38	4054881.50	6.80496
733771.38	4054906.50	6.52565	733771.38	4054931.50	6.19836
733771.38	4054956.50	6.03291	733771.38	4054981.50	5.82048
733771.38	4055006.50	5.55742	733771.38	4055031.50	5.19252
733771.38	4055056.50	4.96365	733771.38	4055081.50	4.77702
733771.38	4055106.50	4.63430	733771.38	4055131.50	4.41632
733771.38	4055156.50	4.20196	733771.38	4055181.50	4.13832
733771.38	4055206.50	4.12636	733771.38	4055231.50	4.06189
733771.38	4055256.50	3.91888	733771.38	4055281.50	3.85841
733771.38	4055306.50	3.80081	733771.38	4055331.50	3.68546
733796.38	4052331.50	8.42630	733796.38	4052356.50	9.11702
733796.38	4052381.50	9.64661	733796.38	4052406.50	10.46068
733796.38	4052431.50	11.13112	733796.38	4052456.50	11.75006
733796.38	4052481.50	12.39143	733796.38	4052506.50	12.96901
733796.38	4052531.50	13.36956	733796.38	4052556.50	13.47518
733796.38	4052581.50	13.61308	733796.38	4052606.50	14.00405
733796.38	4052631.50	14.69954	733796.38	4052656.50	15.48377
733796.38	4052681.50	16.54656	733796.38	4052706.50	17.75615
733796.38	4052731.50	18.53597	733796.38	4052756.50	19.83459
733796.38	4052781.50	20.53525	733796.38	4052806.50	20.80931
733796.38	4052831.50	21.01269	733796.38	4052856.50	21.74249
733796.38	4052881.50	22.46681	733796.38	4052906.50	24.40635
733796.38	4052931.50	23.78882	733796.38	4052956.50	23.83883

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733796.38	4052981.50	23.25891	733796.38	4053006.50	25.40364
733796.38	4053031.50	25.69247	733796.38	4053056.50	27.32342
733796.38	4053081.50	28.52407	733796.38	4053106.50	30.36554
733796.38	4053131.50	30.95308	733796.38	4053156.50	31.01606
733796.38	4053181.50	31.30641	733796.38	4053206.50	31.50262
733796.38	4053231.50	31.17565	733796.38	4053256.50	30.75677
733796.38	4053281.50	30.25940	733796.38	4053306.50	30.35972
733796.38	4053331.50	31.34620	733796.38	4053356.50	32.44774
733796.38	4053381.50	31.58905	733796.38	4053406.50	30.15537
733796.38	4053431.50	29.82460	733796.38	4053456.50	30.06613
733796.38	4053481.50	29.32443	733796.38	4053506.50	27.98077
733796.38	4053531.50	28.68367	733796.38	4053556.50	28.80091
733796.38	4053581.50	27.07428	733796.38	4053606.50	25.77800
733796.38	4053631.50	25.95358	733796.38	4053656.50	26.34557
733796.38	4053681.50	25.90775	733796.38	4053706.50	26.24998
733796.38	4053731.50	24.72213	733796.38	4053756.50	23.16876
733796.38	4053781.50	22.07059	733796.38	4053806.50	20.46329
733796.38	4053831.50	19.55818	733796.38	4053856.50	19.14521
733796.38	4053881.50	19.43134	733796.38	4053906.50	19.21858
733796.38	4053931.50	17.89120	733796.38	4053956.50	17.07238
733796.38	4053981.50	16.36777	733796.38	4054006.50	15.40580
733796.38	4054031.50	14.48727	733796.38	4054056.50	13.87418
733796.38	4054081.50	13.20194	733796.38	4054106.50	12.78608
733796.38	4054131.50	12.46438	733796.38	4054156.50	12.07280
733796.38	4054181.50	11.87754	733796.38	4054206.50	11.76174
733796.38	4054231.50	11.25862	733796.38	4054256.50	10.75954
733796.38	4054281.50	10.25782	733796.38	4054306.50	9.72713
733796.38	4054331.50	9.46943	733796.38	4054356.50	9.48971
733796.38	4054381.50	9.57747	733796.38	4054406.50	9.65042
733796.38	4054431.50	9.39129	733796.38	4054456.50	9.12398
733796.38	4054481.50	9.01981	733796.38	4054506.50	8.86066
733796.38	4054531.50	8.74801	733796.38	4054556.50	8.76694
733796.38	4054581.50	8.62299	733796.38	4054606.50	8.46448
733796.38	4054631.50	8.54113	733796.38	4054656.50	8.61080
733796.38	4054681.50	8.67211	733796.38	4054706.50	8.72689
733796.38	4054731.50	8.75081	733796.38	4054756.50	8.47210
733796.38	4054781.50	8.08794	733796.38	4054806.50	7.70941
733796.38	4054831.50	7.39955	733796.38	4054856.50	7.20825
733796.38	4054881.50	7.01623	733796.38	4054906.50	6.79588
733796.38	4054931.50	6.54946	733796.38	4054956.50	6.24706

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733796.38	4054981.50	6.03350	733796.38	4055006.50	5.84221
733796.38	4055031.50	5.58449	733796.38	4055056.50	5.33740
733796.38	4055081.50	5.01329	733796.38	4055106.50	4.72767
733796.38	4055131.50	4.48592	733796.38	4055156.50	4.30207
733796.38	4055181.50	4.25758	733796.38	4055206.50	4.09756
733796.38	4055231.50	4.02920	733796.38	4055256.50	3.95033
733796.38	4055281.50	3.80203	733796.38	4055306.50	3.66790
733796.38	4055331.50	3.60609	733821.38	4052331.50	8.63502
733821.38	4052356.50	9.28433	733821.38	4052381.50	10.09188
733821.38	4052406.50	10.68181	733821.38	4052431.50	11.34037
733821.38	4052456.50	11.88945	733821.38	4052481.50	12.30087
733821.38	4052506.50	12.59176	733821.38	4052531.50	12.50094
733821.38	4052556.50	12.68992	733821.38	4052581.50	13.13274
733821.38	4052606.50	13.74910	733821.38	4052631.50	14.53122
733821.38	4052656.50	15.30881	733821.38	4052681.50	16.69061
733821.38	4052706.50	17.32054	733821.38	4052731.50	18.32217
733821.38	4052756.50	19.08370	733821.38	4052781.50	19.75738
733821.38	4052806.50	19.97590	733821.38	4052831.50	20.44609
733821.38	4052856.50	20.15255	733821.38	4052881.50	21.65223
733821.38	4052906.50	22.62058	733821.38	4052931.50	22.16438
733821.38	4052956.50	22.03575	733821.38	4052981.50	21.68809
733821.38	4053006.50	23.76889	733821.38	4053031.50	24.60928
733821.38	4053056.50	25.99614	733821.38	4053081.50	27.01488
733821.38	4053106.50	28.70019	733821.38	4053131.50	29.52565
733821.38	4053156.50	29.14031	733821.38	4053181.50	29.61527
733821.38	4053206.50	29.80005	733821.38	4053231.50	29.67727
733821.38	4053256.50	29.27943	733821.38	4053281.50	28.69459
733821.38	4053306.50	28.23830	733821.38	4053331.50	29.31347
733821.38	4053356.50	30.46577	733821.38	4053381.50	29.88671
733821.38	4053406.50	28.50526	733821.38	4053431.50	28.60645
733821.38	4053456.50	28.61218	733821.38	4053481.50	27.88525
733821.38	4053506.50	26.66206	733821.38	4053531.50	26.65381
733821.38	4053556.50	26.76331	733821.38	4053581.50	26.05598
733821.38	4053606.50	24.25858	733821.38	4053631.50	23.63540
733821.38	4053656.50	24.07545	733821.38	4053681.50	23.81958
733821.38	4053706.50	24.16000	733821.38	4053731.50	24.42824
733821.38	4053756.50	22.74009	733821.38	4053781.50	21.76589
733821.38	4053806.50	19.96138	733821.38	4053831.50	19.23263
733821.38	4053856.50	18.38273	733821.38	4053881.50	17.74313
733821.38	4053906.50	18.12396	733821.38	4053931.50	17.90391

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733821.38	4053956.50	17.10689	733821.38	4053981.50	16.24132
733821.38	4054006.50	15.56768	733821.38	4054031.50	14.65161
733821.38	4054056.50	13.92246	733821.38	4054081.50	13.11357
733821.38	4054106.50	12.62572	733821.38	4054131.50	12.01316
733821.38	4054156.50	11.66688	733821.38	4054181.50	11.37186
733821.38	4054206.50	11.26672	733821.38	4054231.50	11.17389
733821.38	4054256.50	11.05332	733821.38	4054281.50	10.57941
733821.38	4054306.50	10.09477	733821.38	4054331.50	9.58825
733821.38	4054356.50	9.07119	733821.38	4054381.50	8.72012
733821.38	4054406.50	8.76621	733821.38	4054431.50	8.91562
733821.38	4054456.50	8.90233	733821.38	4054481.50	8.69017
733821.38	4054506.50	8.67336	733821.38	4054531.50	8.59848
733821.38	4054556.50	8.47647	733821.38	4054581.50	8.42500
733821.38	4054606.50	8.45120	733821.38	4054631.50	8.35607
733821.38	4054656.50	8.15606	733821.38	4054681.50	7.99692
733821.38	4054706.50	8.04554	733821.38	4054731.50	8.10148
733821.38	4054756.50	8.15496	733821.38	4054781.50	8.07049
733821.38	4054806.50	7.95011	733821.38	4054831.50	7.72018
733821.38	4054856.50	7.28994	733821.38	4054881.50	7.01884
733821.38	4054906.50	6.84898	733821.38	4054931.50	6.68079
733821.38	4054956.50	6.51445	733821.38	4054981.50	6.33703
733821.38	4055006.50	5.99587	733821.38	4055031.50	5.71534
733821.38	4055056.50	5.55948	733821.38	4055081.50	5.37138
733821.38	4055106.50	5.13482	733821.38	4055131.50	4.87698
733821.38	4055156.50	4.63264	733821.38	4055181.50	4.40140
733821.38	4055206.50	4.19099	733821.38	4055231.50	4.09158
733821.38	4055256.50	3.96498	733821.38	4055281.50	3.95630
733821.38	4055306.50	3.84015	733821.38	4055331.50	3.70391
733846.38	4052331.50	8.94354	733846.38	4052356.50	9.71175
733846.38	4052381.50	10.32653	733846.38	4052406.50	10.88856
733846.38	4052431.50	11.20659	733846.38	4052456.50	11.64198
733846.38	4052481.50	11.78357	733846.38	4052506.50	11.88453
733846.38	4052531.50	11.79435	733846.38	4052556.50	12.27668
733846.38	4052581.50	12.96662	733846.38	4052606.50	13.59956
733846.38	4052631.50	14.53177	733846.38	4052656.50	15.02991
733846.38	4052681.50	16.45523	733846.38	4052706.50	16.74186
733846.38	4052731.50	17.41525	733846.38	4052756.50	18.75339
733846.38	4052781.50	19.01348	733846.38	4052806.50	19.18521
733846.38	4052831.50	19.18457	733846.38	4052856.50	19.44990
733846.38	4052881.50	21.18696	733846.38	4052906.50	20.98569

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733846.38	4052931.50	20.75170	733846.38	4052956.50	20.45908
733846.38	4052981.50	20.34555	733846.38	4053006.50	22.48039
733846.38	4053031.50	23.50551	733846.38	4053056.50	24.35995
733846.38	4053081.50	25.48534	733846.38	4053106.50	27.36545

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733846.38 4053131.50 28.33039 733846.38 4053156.50 27.78845
733846.38 4053181.50 28.03069 733846.38 4053206.50 28.02256
733846.38 4053231.50 27.88014 733846.38 4053256.50 27.88247
733846.38 4053281.50 27.14868 733846.38 4053306.50 26.87338
733846.38 4053331.50 27.45761 733846.38 4053356.50 28.43526
733846.38 4053381.50 28.28382 733846.38 4053406.50 27.17199
733846.38 4053431.50 27.48331 733846.38 4053456.50 27.45579
733846.38 4053481.50 26.35335 733846.38 4053506.50 25.70978
733846.38 4053531.50 25.72025 733846.38 4053556.50 25.17585
733846.38 4053581.50 24.73679 733846.38 4053606.50 23.44156
733846.38 4053631.50 22.52968 733846.38 4053656.50 22.12320
733846.38 4053681.50 21.84754 733846.38 4053706.50 21.81662
733846.38 4053731.50 22.48502 733846.38 4053756.50 21.60644
733846.38 4053781.50 21.28184 733846.38 4053806.50 20.14787
733846.38 4053831.50 18.55256 733846.38 4053856.50 17.90920
733846.38 4053881.50 17.42569 733846.38 4053906.50 16.69111
733846.38 4053931.50 16.86596 733846.38 4053956.50 16.89381
733846.38 4053981.50 16.30762 733846.38 4054006.50 15.44035
733846.38 4054031.50 14.79384 733846.38 4054056.50 14.09219
733846.38 4054081.50 13.30571 733846.38 4054106.50 12.48450
733846.38 4054131.50 12.12593 733846.38 4054156.50 11.55158
733846.38 4054181.50 10.97868 733846.38 4054206.50 10.68256
733846.38 4054231.50 10.67369 733846.38 4054256.50 10.62618
733846.38 4054281.50 10.53731 733846.38 4054306.50 10.40081
733846.38 4054331.50 9.93702 733846.38 4054356.50 9.45327
733846.38 4054381.50 8.91325 733846.38 4054406.50 8.35486
733846.38 4054431.50 8.13034 733846.38 4054456.50 8.10886
733846.38 4054481.50 8.15583 733846.38 4054506.50 8.23628
733846.38 4054531.50 8.30836 733846.38 4054556.50 8.30546
733846.38 4054581.50 8.30977 733846.38 4054606.50 8.22106
733846.38 4054631.50 8.13299 733846.38 4054656.50 8.15168
733846.38 4054681.50 8.09660 733846.38 4054706.50 7.94204
733846.38 4054731.50 7.85945 733846.38 4054756.50 7.76699
733846.38 4054781.50 7.66614 733846.38 4054806.50 7.55817
733846.38 4054831.50 7.40827 733846.38 4054856.50 7.35779
733846.38 4054881.50 7.18505 733846.38 4054906.50 6.98181
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 206

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733846.38 4054931.50 6.67712 733846.38 4054956.50 6.51534
733846.38 4054981.50 6.35597 733846.38 4055006.50 6.19854
733846.38 4055031.50 5.96810 733846.38 4055056.50 5.78824
733846.38 4055081.50 5.52584 733846.38 4055106.50 5.27354
733846.38 4055131.50 5.03471 733846.38 4055156.50 4.84495
733846.38 4055181.50 4.64254 733846.38 4055206.50 4.52147
733846.38 4055231.50 4.32040 733846.38 4055256.50 4.11227
733846.38 4055281.50 3.97004 733846.38 4055306.50 3.77194
733846.38 4055331.50 3.68629 733846.38 4055356.50 3.53334
733871.38 4052356.50 9.91259 733871.38 4052381.50 10.19312
733871.38 4052406.50 10.63728 733871.38 4052431.50 10.95150
733871.38 4052456.50 11.09559 733871.38 4052481.50 11.14905
733871.38 4052506.50 10.88264 733871.38 4052531.50 11.63997
733871.38 4052556.50 12.21905 733871.38 4052581.50 12.94573
733871.38 4052606.50 13.64009 733871.38 4052631.50 14.21058
733871.38 4052656.50 15.26291 733871.38 4052681.50 15.54044
733871.38 4052706.50 16.05661 733871.38 4052731.50 17.21847
733871.38 4052756.50 18.17583 733871.38 4052781.50 18.34745
733871.38 4052806.50 18.40037 733871.38 4052831.50 18.32828
733871.38 4052856.50 18.96131 733871.38 4052881.50 19.99322
733871.38 4052906.50 19.74037 733871.38 4052931.50 19.76133
733871.38 4052956.50 19.04817 733871.38 4052981.50 19.28325
733871.38 4053006.50 21.20813 733871.38 4053031.50 22.54982
733871.38 4053056.50 22.93214 733871.38 4053081.50 24.25444
733871.38 4053106.50 25.88924 733871.38 4053131.50 27.08615
733871.38 4053156.50 26.67201 733871.38 4053181.50 26.37298
733871.38 4053206.50 26.33904 733871.38 4053231.50 26.37763
733871.38 4053256.50 26.28444 733871.38 4053281.50 25.98523
733871.38 4053306.50 25.84403 733871.38 4053331.50 25.70327
733871.38 4053356.50 26.67203 733871.38 4053381.50 26.67631
733871.38 4053406.50 25.92036 733871.38 4053431.50 26.35635
733871.38 4053456.50 26.38493 733871.38 4053481.50 25.09269
733871.38 4053506.50 24.80732 733871.38 4053531.50 24.79945
733871.38 4053556.50 24.28315 733871.38 4053581.50 23.77826
733871.38 4053606.50 22.60775 733871.38 4053631.50 21.59414
733871.38 4053656.50 21.22564 733871.38 4053681.50 20.99741
733871.38 4053706.50 20.29157 733871.38 4053731.50 20.34292
733871.38 4053756.50 20.60984 733871.38 4053781.50 19.88798
733871.38 4053806.50 20.03094 733871.38 4053831.50 18.51136
733871.38 4053856.50 17.49457 733871.38 4053881.50 16.66661
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 207

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
733871.38 4053906.50 16.25689 733871.38 4053931.50 15.89839
733871.38 4053956.50 15.76133 733871.38 4053981.50 15.85979
733871.38 4054006.50 15.54659 733871.38 4054031.50 14.65007
733871.38 4054056.50 14.12751 733871.38 4054081.50 13.56841
733871.38 4054106.50 12.61485 733871.38 4054131.50 11.99527
733871.38 4054156.50 11.51134 733871.38 4054181.50 11.11760
733871.38 4054206.50 10.57616 733871.38 4054231.50 10.09507
733871.38 4054256.50 10.06894 733871.38 4054281.50 10.12490
733871.38 4054306.50 10.05156 733871.38 4054331.50 9.96331
733871.38 4054356.50 9.77722 733871.38 4054381.50 9.31731
733871.38 4054406.50 8.76642 733871.38 4054431.50 8.21904

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733871.38 4054456.50 7.81990 733871.38 4054481.50 7.78518
733871.38 4054506.50 7.80642 733871.38 4054531.50 7.61456
733871.38 4054556.50 7.73988 733871.38 4054581.50 7.86680
733871.38 4054606.50 7.99653 733871.38 4054631.50 8.06173
733871.38 4054656.50 8.04727 733871.38 4054681.50 7.98154
733871.38 4054706.50 7.95091 733871.38 4054731.50 7.88777
733871.38 4054756.50 7.81714 733871.38 4054781.50 7.73735
733871.38 4054806.50 7.64774 733871.38 4054831.50 7.45566
733871.38 4054856.50 7.17810 733871.38 4054881.50 6.94762
733871.38 4054906.50 6.83493 733871.38 4054931.50 6.64452
733871.38 4054956.50 6.54249 733871.38 4054981.50 6.43626
733871.38 4055006.50 6.20743 733871.38 4055031.50 6.05518
733871.38 4055056.50 5.85638 733871.38 4055081.50 5.66126
733871.38 4055106.50 5.49400 733871.38 4055131.50 5.36300
733871.38 4055156.50 5.12387 733871.38 4055181.50 4.89685
733871.38 4055206.50 4.62897 733871.38 4055231.50 4.35709
733871.38 4055256.50 4.22635 733871.38 4055281.50 4.10590
733871.38 4055306.50 4.02425 733871.38 4055331.50 3.83210
730871.38 4055381.50 5.61608 730871.38 4055431.50 4.98607
730871.38 4055481.50 4.69280 730921.38 4055381.50 5.18551
730921.38 4055431.50 4.85997 730921.38 4055481.50 4.88332
730971.38 4055381.50 5.04325 730971.38 4055431.50 5.03044
730971.38 4055481.50 4.99205 731021.38 4055381.50 5.17922
731021.38 4055431.50 5.18206 731021.38 4055481.50 4.80956
731071.38 4055381.50 5.36622 731071.38 4055431.50 4.95591
731071.38 4055481.50 4.54967 731121.38 4055381.50 5.09583
731121.38 4055431.50 4.70962 731121.38 4055481.50 4.39198
731171.38 4055381.50 4.85725 731171.38 4055431.50 4.50418
731171.38 4055481.50 4.21931 731221.38 4055381.50 4.60274
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 208

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
731221.38 4055431.50 4.32908 731221.38 4055481.50 4.22182
731271.38 4055381.50 4.46575 731271.38 4055431.50 4.36467
731271.38 4055481.50 4.08304 731321.38 4055381.50 4.47171
731321.38 4055431.50 4.18479 731321.38 4055481.50 3.99065
731371.38 4055381.50 4.29464 731371.38 4055431.50 4.12069
731371.38 4055481.50 4.13099 731421.38 4055381.50 4.31630
731421.38 4055431.50 4.21915 731421.38 4055481.50 3.99594
731471.38 4055381.50 4.32005 731471.38 4055431.50 4.22083
731471.38 4055481.50 4.23547 731521.38 4055381.50 4.47074
731521.38 4055431.50 4.48665 731521.38 4055481.50 4.49687
731571.38 4055381.50 4.71007 731571.38 4055431.50 4.62104
731571.38 4055481.50 4.34621 731621.38 4055381.50 4.68928
731621.38 4055431.50 4.53496 731621.38 4055481.50 4.53395
731671.38 4055381.50 4.73021 731671.38 4055431.50 4.67617
731671.38 4055481.50 4.57672 731721.38 4055381.50 4.80582
731721.38 4055431.50 4.66739 731721.38 4055481.50 4.47854
731771.38 4055381.50 4.75022 731771.38 4055431.50 4.55747
731771.38 4055481.50 4.41647 731821.38 4055381.50 4.62925
731821.38 4055431.50 4.48636 731821.38 4055481.50 4.48430
731871.38 4055381.50 4.63547 731871.38 4055431.50 4.55102
731871.38 4055481.50 4.43394 731921.38 4055381.50 4.56133
731921.38 4055431.50 4.43406 731921.38 4055481.50 4.30891
731971.38 4055381.50 4.42081 731971.38 4055431.50 4.28651
731971.38 4055481.50 4.23716 732021.38 4055381.50 4.37692
732021.38 4055431.50 4.28364 732021.38 4055481.50 4.15944
732071.38 4055381.50 4.30080 732071.38 4055431.50 4.10422
732071.38 4055481.50 3.76065 732121.38 4055381.50 4.00116
732121.38 4055431.50 3.70628 732121.38 4055481.50 3.55780
732171.38 4055381.50 3.83560 732171.38 4055431.50 3.89557
732171.38 4055481.50 3.90109 732221.38 4055381.50 4.07843
732221.38 4055431.50 3.83233 732221.38 4055481.50 3.55104
732271.38 4055381.50 3.78791 732271.38 4055431.50 3.53236
732271.38 4055481.50 3.24976 732321.38 4055381.50 3.53599
732321.38 4055431.50 3.33769 732321.38 4055481.50 3.20798
732371.38 4055381.50 3.38409 732371.38 4055431.50 3.29220
732371.38 4055481.50 3.17455 732421.38 4055381.50 3.37755
732421.38 4055431.50 3.29689 732421.38 4055481.50 3.21065
732471.38 4055381.50 3.29202 732471.38 4055431.50 3.16347
732471.38 4055481.50 3.17396 732521.38 4055381.50 3.44964
732521.38 4055431.50 3.44389 732521.38 4055481.50 3.37443
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 209

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
732571.38 4055381.50 3.55730 732571.38 4055431.50 3.50928
732571.38 4055481.50 3.42816 732621.38 4055381.50 3.71594
732621.38 4055431.50 3.63996 732621.38 4055481.50 3.46355
732671.38 4055381.50 3.56703 732671.38 4055431.50 3.37336
732671.38 4055481.50 3.16728 732721.38 4055381.50 3.45890
732721.38 4055431.50 3.41127 732721.38 4055481.50 3.35500
732771.38 4055381.50 3.49471 732771.38 4055431.50 3.39289
732771.38 4055481.50 3.30036 732821.38 4055381.50 3.37374
732821.38 4055431.50 3.28236 732821.38 4055481.50 3.20211
732871.38 4055381.50 3.66334 732871.38 4055431.50 3.56173
732871.38 4055481.50 3.49788 732921.38 4055381.50 4.58777
732921.38 4055431.50 4.45440 732921.38 4055481.50 4.31847
732971.38 4055381.50 4.69513 732971.38 4055431.50 4.60715
732971.38 4055481.50 4.51473 733021.38 4055381.50 5.01171
733021.38 4055431.50 4.81289 733021.38 4055481.50 4.58862
733071.38 4055381.50 4.81323 733071.38 4055431.50 4.67930
733071.38 4055481.50 4.55138 733121.38 4055381.50 4.52450
733121.38 4055431.50 4.37085 733121.38 4055481.50 4.21489

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733171.38 4055381.50 4.21471 733171.38 4055431.50 4.09451
733171.38 4055481.50 3.97470 733221.38 4055381.50 4.10644
733221.38 4055431.50 3.99409 733221.38 4055481.50 3.85111
733271.38 4055381.50 4.12191 733271.38 4055431.50 4.00134
733271.38 4055481.50 3.84359 733321.38 4055381.50 3.85998
733321.38 4055431.50 3.73181 733321.38 4055481.50 3.63556
733371.38 4055381.50 3.73590 733371.38 4055431.50 3.63769
733371.38 4055481.50 3.56095 733421.38 4055381.50 3.81355
733421.38 4055431.50 3.67608 733421.38 4055481.50 3.56411
733471.38 4055381.50 3.53727 733471.38 4055431.50 3.46562
733471.38 4055481.50 3.31909 733521.38 4055381.50 2.89606
733521.38 4055431.50 2.83666 733521.38 4055481.50 2.79101
733571.38 4055381.50 2.66450 733571.38 4055431.50 2.61627
733571.38 4055481.50 2.58833 733621.38 4055381.50 2.54613
733621.38 4055431.50 2.36621 733621.38 4055481.50 2.27337
733671.38 4055381.50 2.81123 733671.38 4055431.50 2.66323
733671.38 4055481.50 2.53212 733721.38 4055381.50 3.15086
733721.38 4055431.50 2.93568 733721.38 4055481.50 2.77525
733771.38 4055381.50 3.30012 733771.38 4055431.50 3.01983
733771.38 4055481.50 2.90622 733821.38 4055381.50 3.50542
733821.38 4055431.50 3.28251 733821.38 4055481.50 3.13207
733871.38 4055381.50 3.47130 733871.38 4055431.50 3.34278

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDEFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 210

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733871.38	4055481.50	3.29872	733921.38	4055381.50	3.79258
733921.38	4055431.50	3.59335	733921.38	4055481.50	3.22377
733971.38	4055381.50	4.26163	733971.38	4055431.50	3.77870
733971.38	4055481.50	3.56727	734021.38	4055381.50	4.32451
734021.38	4055431.50	4.06435	734021.38	4055481.50	3.95348
733921.38	4055331.50	4.04507	733921.38	4055281.50	4.57698
733921.38	4055231.50	5.03612	733921.38	4055181.50	5.11988
733921.38	4055131.50	5.44379	733921.38	4055081.50	5.89283
733921.38	4055031.50	6.25853	733921.38	4054981.50	6.44510
733921.38	4054931.50	6.74374	733921.38	4054881.50	7.13481
733921.38	4054831.50	7.11918	733921.38	4054781.50	7.33437
733921.38	4054731.50	7.25461	733921.38	4054681.50	7.07304
733921.38	4054631.50	7.01979	733921.38	4054581.50	6.98824
733921.38	4054531.50	7.36068	733921.38	4054481.50	7.94299
733921.38	4054431.50	8.89689	733921.38	4054381.50	9.12526
733921.38	4054331.50	9.06065	733921.38	4054281.50	9.44303
733921.38	4054231.50	10.27161	733921.38	4054181.50	11.17317
733921.38	4054131.50	12.21626	733921.38	4054081.50	13.11649
733921.38	4054031.50	14.11822	733921.38	4053981.50	14.08577
733921.38	4053931.50	14.66139	733921.38	4053881.50	16.43618
733921.38	4053831.50	17.44623	733921.38	4053781.50	18.30391
733921.38	4053731.50	18.06444	733921.38	4053681.50	19.36513
733921.38	4053631.50	19.79390	733921.38	4053581.50	22.39274
733921.38	4053531.50	23.07374	733921.38	4053481.50	23.21985
733921.38	4053431.50	24.110280	733921.38	4053381.50	23.91002
733921.38	4053331.50	23.73558	733921.38	4053281.50	24.01082
733921.38	4053231.50	23.55642	733921.38	4053181.50	23.93099
733921.38	4053131.50	24.91582	733921.38	4053081.50	22.24175
733921.38	4053031.50	20.84343	733921.38	4052981.50	16.89083
733921.38	4052931.50	17.04112	733921.38	4052881.50	17.96047
733921.38	4052831.50	17.20479	733921.38	4052781.50	16.45871
733921.38	4052731.50	16.71687	733921.38	4052681.50	14.76892
733921.38	4052631.50	13.74396	733921.38	4052581.50	12.82234
733921.38	4052531.50	11.52682	733921.38	4052481.50	10.33449
733921.38	4052431.50	9.70005	733921.38	4052381.50	9.44233
733921.38	4052331.50	8.88850	733921.38	4052281.50	8.48610
733921.38	4052231.50	7.50988	733921.38	4052181.50	6.86076
733971.38	4055331.50	4.59793	733971.38	4055281.50	4.59122
733971.38	4055231.50	4.97079	733971.38	4055181.50	5.63619
733971.38	4055131.50	5.94048	733971.38	4055081.50	5.98492

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDEFAULT CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 211

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733971.38	4055031.50	6.07854	733971.38	4054981.50	6.42254
733971.38	4054931.50	6.68476	733971.38	4054881.50	6.68240
733971.38	4054831.50	6.70360	733971.38	4054781.50	6.68179
733971.38	4054731.50	6.61965	733971.38	4054681.50	6.54376
733971.38	4054631.50	6.54289	733971.38	4054581.50	7.13183
733971.38	4054531.50	7.69527	733971.38	4054481.50	8.22247
733971.38	4054431.50	8.31393	733971.38	4054381.50	8.46798
733971.38	4054331.50	8.92579	733971.38	4054281.50	9.61031
733971.38	4054231.50	10.42157	733971.38	4054181.50	10.96263
733971.38	4054131.50	11.64757	733971.38	4054081.50	12.66847
733971.38	4054031.50	12.73901	733971.38	4053981.50	12.82239
733971.38	4053931.50	14.54314	733971.38	4053881.50	15.86256
733971.38	4053831.50	16.27440	733971.38	4053781.50	16.41120
733971.38	4053731.50	17.03243	733971.38	4053681.50	17.24847
733971.38	4053631.50	18.64208	733971.38	4053581.50	21.13751
733971.38	4053531.50	21.66037	733971.38	4053481.50	21.70262
733971.38	4053431.50	21.47537	733971.38	4053381.50	21.68609
733971.38	4053331.50	22.20338	733971.38	4053281.50	21.99504
733971.38	4053231.50	21.58308	733971.38	4053181.50	21.80162
733971.38	4053131.50	22.73066	733971.38	4053081.50	19.83724
733971.38	4053031.50	18.78898	733971.38	4052981.50	14.89611
733971.38	4052931.50	15.29809	733971.38	4052881.50	15.68420
733971.38	4052831.50	15.85062	733971.38	4052781.50	14.93986
733971.38	4052731.50	15.35499	733971.38	4052681.50	14.22686
733971.38	4052631.50	13.38866	733971.38	4052581.50	11.62093

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733971.38 4052531.50 11.66589 733971.38 4052481.50 10.22626
733971.38 4052431.50 9.33029 733971.38 4052381.50 8.69021
733971.38 4052331.50 8.56618 733971.38 4052281.50 7.70773
733971.38 4052231.50 7.24794 733971.38 4052181.50 7.06387
734021.38 4055331.50 4.65124 734021.38 4055281.50 5.22216
734021.38 4055231.50 5.50070 734021.38 4055181.50 5.67137
734021.38 4055131.50 5.90390 734021.38 4055081.50 6.12961
734021.38 4055031.50 6.27276 734021.38 4054981.50 6.29911
734021.38 4054931.50 6.24134 734021.38 4054881.50 6.34012
734021.38 4054831.50 6.26187 734021.38 4054781.50 6.17085
734021.38 4054731.50 6.22260 734021.38 4054681.50 6.38506
734021.38 4054631.50 6.87741 734021.38 4054581.50 7.30432
734021.38 4054531.50 7.84686 734021.38 4054481.50 7.88148
734021.38 4054431.50 7.92957 734021.38 4054381.50 8.34262
734021.38 4054331.50 8.99189 734021.38 4054281.50 9.42298

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734021.38	4054231.50	9.80531	734021.38	4054181.50	10.27098
734021.38	4054131.50	11.14363	734021.38	4054081.50	11.61177
734021.38	4054031.50	11.24538	734021.38	4053981.50	12.86743
734021.38	4053931.50	13.71997	734021.38	4053881.50	14.83556
734021.38	4053831.50	15.09516	734021.38	4053781.50	14.99020
734021.38	4053731.50	15.73322	734021.38	4053681.50	16.39917
734021.38	4053631.50	17.89194	734021.38	4053581.50	19.90570
734021.38	4053531.50	20.31730	734021.38	4053481.50	19.79002
734021.38	4053431.50	19.49579	734021.38	4053381.50	20.11565
734021.38	4053331.50	20.73154	734021.38	4053281.50	20.17284
734021.38	4053231.50	19.71985	734021.38	4053181.50	20.04304
734021.38	4053131.50	20.73141	734021.38	4053081.50	17.82355
734021.38	4053031.50	16.82024	734021.38	4052981.50	13.86485
734021.38	4052931.50	13.73822	734021.38	4052881.50	13.96214
734021.38	4052831.50	14.32458	734021.38	4052781.50	14.25128
734021.38	4052731.50	13.59436	734021.38	4052681.50	14.01089
734021.38	4052631.50	12.87871	734021.38	4052581.50	11.55993
734021.38	4052531.50	10.51606	734021.38	4052481.50	10.50221
734021.38	4052431.50	9.25656	734021.38	4052381.50	8.58936
734021.38	4052331.50	8.09342	734021.38	4052281.50	7.86606
734021.38	4052231.50	7.18264	734021.38	4052181.50	6.70768
733871.38	4052281.50	8.00430	733871.38	4052231.50	7.20891
733871.38	4052181.50	6.76423	733821.38	4052281.50	7.62138
733821.38	4052231.50	6.97097	733821.38	4052181.50	6.58535
733771.38	4052281.50	7.52182	733771.38	4052231.50	7.12210
733771.38	4052181.50	6.84154	733721.38	4052281.50	7.73036
733721.38	4052231.50	7.09369	733721.38	4052181.50	6.36480
733671.38	4052281.50	7.44780	733671.38	4052231.50	6.62990
733671.38	4052181.50	6.02951	733621.38	4052281.50	6.13568
733621.38	4052231.50	7.79205	733621.38	4052181.50	7.13140
733571.38	4052281.50	9.03245	733571.38	4052231.50	6.15328
733571.38	4052181.50	7.55680	733521.38	4052281.50	8.78449
733521.38	4052231.50	8.48247	733521.38	4052181.50	8.05537
733471.38	4052281.50	9.18516	733471.38	4052231.50	8.59885
733471.38	4052181.50	8.12886	733421.38	4052281.50	9.17480
733421.38	4052231.50	8.53873	733421.38	4052181.50	7.49168
733371.38	4052281.50	9.24938	733371.38	4052231.50	7.77540
733371.38	4052181.50	6.72755	733321.38	4052281.50	9.06839
733321.38	4052231.50	8.42222	733321.38	4052181.50	7.83159
733271.38	4052281.50	9.58025	733271.38	4052231.50	8.97598

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733271.38	4052181.50	8.44426	733221.38	4052281.50	9.66919
733221.38	4052231.50	8.62711	733221.38	4052181.50	7.65744
733171.38	4052281.50	8.19864	733171.38	4052231.50	7.27074
733171.38	4052181.50	6.53928	733121.38	4052281.50	7.53127
733121.38	4052231.50	6.72842	733121.38	4052181.50	6.14479
733071.38	4052281.50	7.20351	733071.38	4052231.50	6.64027
733071.38	4052181.50	6.10043	733021.38	4052281.50	6.93118
733021.38	4052231.50	6.65099	733021.38	4052181.50	6.15900
732971.38	4052281.50	6.81552	732971.38	4052231.50	6.56223
732971.38	4052181.50	6.02857	732921.38	4052281.50	6.44400
732921.38	4052231.50	6.17641	732921.38	4052181.50	5.90954
732871.38	4052281.50	6.13198	732871.38	4052231.50	5.81825
732871.38	4052181.50	5.57807	732821.38	4052281.50	6.24205
732821.38	4052231.50	5.88023	732821.38	4052181.50	5.48527
732771.38	4052281.50	6.26696	732771.38	4052231.50	6.02349
732771.38	4052181.50	5.67204	732721.38	4052281.50	6.15889
732721.38	4052231.50	5.95248	732721.38	4052181.50	5.67811
732671.38	4052281.50	6.03565	732671.38	4052231.50	5.96866
732671.38	4052181.50	5.81433	732621.38	4052281.50	5.17670
732621.38	4052231.50	5.04855	732621.38	4052181.50	5.13370
732571.38	4052281.50	5.13838	732571.38	4052231.50	4.94571
732571.38	4052181.50	4.67010	732521.38	4052281.50	4.78322
732521.38	4052231.50	4.60037	732521.38	4052181.50	4.43740
732471.38	4052281.50	4.14167	732471.38	4052231.50	4.21187
732471.38	4052181.50	4.30464	732421.38	4052281.50	4.01498
732421.38	4052231.50	3.89654	732421.38	4052181.50	3.84187
732371.38	4052281.50	3.95649	732371.38	4052231.50	3.81779
732371.38	4052181.50	3.71388	732321.38	4052281.50	3.97632
732321.38	4052231.50	3.72468	732321.38	4052181.50	3.56118
732271.38	4052281.50	3.85434	732271.38	4052231.50	3.81901
732271.38	4052181.50	3.59077	732221.38	4052281.50	3.50137
732221.38	4052231.50	3.70553	732221.38	4052181.50	3.67950


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732171.38 4052281.50 3.23289 732171.38 4052231.50 3.33450
732171.38 4052181.50 3.51716 732121.38 4052281.50 3.05668
732121.38 4052231.50 3.07213 732121.38 4052181.50 3.20137
732071.38 4052281.50 2.79512 732071.38 4052231.50 2.90527
732071.38 4052181.50 2.93817 732021.38 4052281.50 2.72833
732021.38 4052231.50 2.67073 732021.38 4052181.50 2.74262
731971.38 4052281.50 2.46857 731971.38 4052231.50 2.57704
731971.38 4052181.50 2.57844 731921.38 4052281.50 2.45708
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** ** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 214

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731921.38	4052231.50	2.32684	731921.38	4052181.50	2.43052
731871.38	4052281.50	2.48908	731871.38	4052231.50	2.29230
731871.38	4052181.50	2.20039	731821.38	4052281.50	2.53827
731821.38	4052231.50	2.36149	731821.38	4052181.50	2.16480
731771.38	4052281.50	2.61703	731771.38	4052231.50	2.43558
731771.38	4052181.50	2.19117	731721.38	4052281.50	2.60953
731721.38	4052231.50	2.48794	731721.38	4052181.50	2.31340
731671.38	4052281.50	2.55317	731671.38	4052231.50	2.55023
731671.38	4052181.50	2.38514	731621.38	4052281.50	2.47194
731621.38	4052231.50	2.50991	731621.38	4052181.50	2.40908
731571.38	4052281.50	2.43202	731571.38	4052231.50	2.42699
731571.38	4052181.50	2.43772	731521.38	4052281.50	2.24941
731521.38	4052231.50	2.30743	731521.38	4052181.50	2.38009
731471.38	4052281.50	2.29879	731471.38	4052231.50	2.21020
731471.38	4052181.50	2.26391	731421.38	4052281.50	2.30959
731421.38	4052231.50	2.11654	731421.38	4052181.50	2.11560
731371.38	4052281.50	2.21891	731371.38	4052231.50	2.12458
731371.38	4052181.50	2.01904	731321.38	4052281.50	2.06549
731321.38	4052231.50	2.12961	731321.38	4052181.50	2.03839
731271.38	4052281.50	2.01178	731271.38	4052231.50	2.04969
731271.38	4052181.50	1.99513	731221.38	4052281.50	1.97045
731221.38	4052231.50	1.99902	731221.38	4052181.50	1.99213
731171.38	4052281.50	1.98706	731171.38	4052231.50	1.95095
731171.38	4052181.50	1.93421	731121.38	4052281.50	1.94794
731121.38	4052231.50	1.90740	731121.38	4052181.50	1.92411
731071.38	4052281.50	1.90991	731071.38	4052231.50	1.86486
731071.38	4052181.50	1.88846	731021.38	4052281.50	1.89050
731021.38	4052231.50	1.86330	731021.38	4052181.50	1.84722
730971.38	4052281.50	1.88007	730971.38	4052231.50	1.82551
730971.38	4052181.50	1.81601	730921.38	4052281.50	1.92303
730921.38	4052231.50	1.79043	730921.38	4052181.50	1.79883
730871.38	4052281.50	1.92569	730871.38	4052231.50	1.78395
730871.38	4052181.50	1.71144	730821.38	4052281.50	1.91512
730821.38	4052231.50	1.80778	730821.38	4052181.50	1.72620
730771.38	4052281.50	1.85764	730771.38	4052231.50	1.83893
730771.38	4052181.50	1.69602	730721.38	4052281.50	1.81242
730721.38	4052231.50	1.83463	730721.38	4052181.50	1.70477
730671.38	4052281.50	1.91545	730671.38	4052231.50	1.95345
730621.38	4052231.50	2.00579	730621.38	4052181.50	2.04083
730621.38	4052181.50	2.13489	730621.38	4052181.50	2.20605

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*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** ** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 215

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730821.38	4052631.50	2.30627	730821.38	4052681.50	2.44806
730821.38	4052731.50	2.46710	730821.38	4052781.50	2.55613
730821.38	4052831.50	2.61485	730821.38	4052881.50	2.71987
730821.38	4052931.50	2.71014	730821.38	4052981.50	2.64520
730821.38	4053031.50	3.02194	730821.38	4053081.50	3.02216
730821.38	4053131.50	3.01302	730821.38	4053181.50	3.08827
730821.38	4053231.50	3.50582	730821.38	4053281.50	3.26634
730821.38	4053331.50	3.12812	730821.38	4053381.50	3.37001
730821.38	4053431.50	3.73614	730821.38	4053481.50	4.22190
730821.38	4053531.50	4.65025	730821.38	4053581.50	4.75708
730821.38	4053631.50	5.05099	730821.38	4053681.50	4.81067
730821.38	4053731.50	5.07966	730821.38	4053781.50	5.27506
730821.38	4053831.50	5.18482	730821.38	4053881.50	5.28088
730821.38	4053931.50	5.27921	730821.38	4053981.50	5.26875
730821.38	4054031.50	5.17554	730821.38	4054081.50	4.99035
730821.38	4054131.50	4.98343	730821.38	4054181.50	4.82137
730821.38	4054231.50	4.76272	730821.38	4054281.50	4.78868
730821.38	4054331.50	4.51739	730821.38	4054381.50	4.37962
730821.38	4054431.50	4.08659	730821.38	4054481.50	3.78685
730821.38	4054531.50	4.12369	730821.38	4054581.50	4.67588
730821.38	4054631.50	4.54017	730821.38	4054681.50	4.27437
730821.38	4054731.50	4.39728	730821.38	4054781.50	4.78062
730821.38	4054831.50	4.93651	730821.38	4054881.50	4.80338
730821.38	4054931.50	4.72069	730821.38	4054981.50	4.57499
730821.38	4055031.50	4.46111	730821.38	4055081.50	4.68115
730821.38	4055131.50	4.94483	730821.38	4055181.50	5.01690
730821.38	4055231.50	4.93510	730821.38	4055281.50	5.09971
730821.38	4055331.50	5.39104	730821.38	4055381.50	5.62777
730821.38	4055431.50	5.40267	730821.38	4055481.50	4.79791
730771.38	4052331.50	1.93019	730771.38	4052381.50	1.93484
730771.38	4052431.50	1.97457	730771.38	4052481.50	2.00873
730771.38	4052531.50	2.11313	730771.38	4052581.50	2.19620
730771.38	4052631.50	2.27941	730771.38	4052681.50	2.42676
730771.38	4052731.50	2.43251	730771.38	4052781.50	2.53027
730771.38	4052831.50	2.59260	730771.38	4052881.50	2.63366
730771.38	4052931.50	2.50894	730771.38	4052981.50	2.55532
730771.38	4053031.50	2.87306	730771.38	4053081.50	2.91813
730771.38	4053131.50	2.93204	730771.38	4053181.50	3.03206
730771.38	4053231.50	3.42829	730771.38	4053281.50	3.15607

730771.38 4053331.50 3.05759 730771.38 4053381.50 3.24686
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730771.38	4053431.50	3.64681	730771.38	4053481.50	4.05806
730771.38	4053531.50	4.50788	730771.38	4053581.50	4.66760
730771.38	4053631.50	4.86237	730771.38	4053681.50	4.67609
730771.38	4053731.50	4.91768	730771.38	4053781.50	5.14639
730771.38	4053831.50	5.10314	730771.38	4053881.50	5.16728
730771.38	4053931.50	5.02185	730771.38	4053981.50	5.27661
730771.38	4054031.50	5.06034	730771.38	4054081.50	4.98847
730771.38	4054131.50	4.82181	730771.38	4054181.50	4.74241
730771.38	4054231.50	4.71604	730771.38	4054281.50	4.74181
730771.38	4054331.50	4.59726	730771.38	4054381.50	4.18877
730771.38	4054431.50	4.17867	730771.38	4054481.50	3.61507
730771.38	4054531.50	3.81648	730771.38	4054581.50	4.17385
730771.38	4054631.50	4.53543	730771.38	4054681.50	4.34792
730771.38	4054731.50	4.25425	730771.38	4054781.50	4.36086
730771.38	4054831.50	4.77701	730771.38	4054881.50	4.73652
730771.38	4054931.50	4.67132	730771.38	4054981.50	4.58970
730771.38	4055031.50	4.39133	730771.38	4055081.50	4.37481
730771.38	4055131.50	4.64041	730771.38	4055181.50	4.86465
730771.38	4055231.50	4.91664	730771.38	4055281.50	4.89146
730771.38	4055331.50	5.04832	730771.38	4055381.50	5.33273
730771.38	4055431.50	5.57161	730771.38	4055481.50	5.19979
730721.38	4052331.50	1.90513	730721.38	4052381.50	1.91991
730721.38	4052431.50	1.96212	730721.38	4052481.50	1.97597
730721.38	4052531.50	2.08399	730721.38	4052581.50	2.18891
730721.38	4052631.50	2.23159	730721.38	4052681.50	2.41635
730721.38	4052731.50	2.41175	730721.38	4052781.50	2.50300
730721.38	4052831.50	2.56952	730721.38	4052881.50	2.55013
730721.38	4052931.50	2.35615	730721.38	4052981.50	2.47630
730721.38	4053031.50	2.82327	730721.38	4053081.50	2.76926
730721.38	4053131.50	2.86045	730721.38	4053181.50	2.97908
730721.38	4053231.50	3.31914	730721.38	4053281.50	3.05540
730721.38	4053331.50	3.00335	730721.38	4053381.50	3.17241
730721.38	4053431.50	3.55400	730721.38	4053481.50	3.91729
730721.38	4053531.50	4.38699	730721.38	4053581.50	4.57691
730721.38	4053631.50	4.68960	730721.38	4053681.50	4.55255
730721.38	4053731.50	4.75602	730721.38	4053781.50	5.09934
730721.38	4053831.50	5.07988	730721.38	4053881.50	5.10103
730721.38	4053931.50	4.91593	730721.38	4053981.50	5.13856
730721.38	4054031.50	5.01629	730721.38	4054081.50	5.00003
730721.38	4054131.50	4.71837	730721.38	4054181.50	4.67350

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730721.38	4054231.50	4.64541	730721.38	4054281.50	4.55575
730721.38	4054331.50	4.57812	730721.38	4054381.50	4.13633
730721.38	4054431.50	4.14118	730721.38	4054481.50	3.71154
730721.38	4054531.50	3.56867	730721.38	4054581.50	3.76939
730721.38	4054631.50	4.26924	730721.38	4054681.50	4.39154
730721.38	4054731.50	4.12594	730721.38	4054781.50	4.12058
730721.38	4054831.50	4.29687	730721.38	4054881.50	4.73423
730721.38	4054931.50	4.49410	730721.38	4054981.50	4.56453
730721.38	4055031.50	4.40986	730721.38	4055081.50	4.18293
730721.38	4055131.50	4.30027	730721.38	4055181.50	4.57253
730721.38	4055231.50	4.77987	730721.38	4055281.50	4.78745
730721.38	4055331.50	4.84367	730721.38	4055381.50	4.99708
730721.38	4055431.50	5.27696	730721.38	4055481.50	5.45549
730721.38	4055564.75	4.63449	730721.38	4055648.25	4.21466
730721.38	4055731.50	4.14114	730820.00	4055564.75	4.57082
730820.00	4055648.25	4.49447	730820.00	4055731.50	3.86810
730918.63	4055564.75	4.65587	730918.63	4055648.25	3.98373
730918.63	4055731.50	3.83264	731017.19	4055564.75	4.10410
731017.19	4055648.25	3.91194	731017.19	4055731.50	3.51272
731115.81	4055564.75	4.01626	731115.81	4055648.25	3.86900
731115.81	4055731.50	3.51237	731214.44	4055564.75	3.86461
731214.44	4055648.25	3.71837	731214.44	4055731.50	3.48007
731313.06	4055564.75	3.83015	731313.06	4055648.25	3.74586
731313.06	4055731.50	3.84200	731411.63	4055564.75	4.02693
731411.63	4055648.25	4.00771	731411.63	4055731.50	3.86243
731510.25	4055564.75	4.17488	731510.25	4055648.25	4.13635
731510.25	4055731.50	3.99747	731608.88	4055564.75	4.37987
731608.88	4055648.25	4.17925	731608.88	4055731.50	4.04176
731707.50	4055564.75	4.29799	731707.50	4055648.25	4.23761
731707.50	4055731.50	4.17832	731806.13	4055564.75	4.38553
731806.13	4055648.25	4.18709	731806.13	4055731.50	3.90829
731904.69	4055564.75	4.16082	731904.69	4055648.25	3.92705
731904.69	4055731.50	3.59703	732003.31	4055564.75	3.80597
732003.31	4055648.25	3.45831	732003.31	4055731.50	3.24016
732101.94	4055564.75	3.46127	732101.94	4055648.25	3.47447
732101.94	4055731.50	3.04444	732200.56	4055564.75	3.26739
732200.56	4055648.25	2.98073	732200.56	4055731.50	2.75227
732299.13	4055564.75	3.05197	732299.13	4055648.25	2.84504
732299.13	4055731.50	2.57359	732397.75	4055564.75	3.04932
732397.75	4055648.25	2.83966	732397.75	4055731.50	2.87392

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
732496.38	4055564.75	3.25976	732496.38	4055648.25	3.14996		
732496.38	4055731.50	3.05122	732595.00	4055564.75	3.22160		
732595.00	4055648.25	3.01684	732595.00	4055731.50	2.88326		
732693.63	4055564.75	3.10294	732693.63	4055648.25	3.01523		
732693.63	4055731.50	2.93887	732792.19	4055564.75	3.13282		
732792.19	4055648.25	3.02371	732792.19	4055731.50	2.94733		
732890.81	4055564.75	3.64762	732890.81	4055648.25	3.53755		
732890.81	4055731.50	3.42068	732989.44	4055564.75	4.28018		
732989.44	4055648.25	4.05107	732989.44	4055731.50	3.85476		
733088.06	4055564.75	4.27419	733088.06	4055648.25	4.02535		
733088.06	4055731.50	3.79619	733186.63	4055564.75	3.75307		
733186.63	4055648.25	3.64641	733186.63	4055731.50	3.54566		
733285.25	4055564.75	3.51797	733285.25	4055648.25	3.34060		
733285.25	4055731.50	3.25960	733383.88	4055564.75	3.45620		
733383.88	4055648.25	3.19185	733383.88	4055731.50	2.90507		
733482.50	4055564.75	3.05697	733482.50	4055648.25	2.88145		
733482.50	4055731.50	2.78506	733581.13	4055564.75	2.46835		
733581.13	4055648.25	2.42142	733581.13	4055731.50	2.28260		
733679.69	4055564.75	2.32773	733679.69	4055648.25	2.14817		
733679.69	4055731.50	2.05023	733778.31	4055564.75	2.76779		
733778.31	4055648.25	2.53947	733778.31	4055731.50	2.33261		
733876.94	4055564.75	3.13337	733876.94	4055648.25	2.75488		
733876.94	4055731.50	2.55745	733975.56	4055564.75	3.19519		
733975.56	4055648.25	2.81734	733975.56	4055731.50	2.63525		
734074.13	4055564.75	3.73648	734074.13	4055648.25	3.45817		
734074.13	4055731.50	3.06574	734172.75	4055564.75	4.46442		
734172.75	4055648.25	3.99195	734172.75	4055731.50	3.68909		
734271.38	4055564.75	3.87269	734271.38	4055648.25	4.11197		
734271.38	4055731.50	4.05141	734104.69	4055481.50	4.41207		
734104.69	4055383.00	5.09393	734104.69	4055284.25	5.47531		
734104.69	4055185.75	5.47574	734104.69	4055087.00	5.56272		
734104.69	4054988.50	5.89877	734104.69	4054889.75	5.81263		
734104.69	4054791.25	5.65687	734104.69	4054692.50	6.55509		
734104.69	4054594.00	6.77120	734104.69	4054495.50	7.25133		
734104.69	4054396.75	7.92269	734104.69	4054298.25	8.69288		
734104.69	4054199.50	9.33765	734104.69	4054101.00	9.50927		
734104.69	4054002.25	11.54587	734104.69	4053903.75	12.48507		
734104.69	4053805.00	13.38073	734104.69	4053706.50	14.73376		
734104.69	4053608.00	17.36254	734104.69	4053509.25	18.19320		
734104.69	4053410.75	17.28659	734104.69	4053312.00	17.89957		

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
734104.69	4053213.50	17.64182	734104.69	4053114.75	17.76272		
734104.69	4053016.25	13.75590	734104.69	4052917.50	12.19134		
734104.69	4052819.00	12.23905	734104.69	4052720.50	11.68604		
734104.69	4052621.75	11.74271	734104.69	4052523.25	9.65069		
734104.69	4052424.50	9.30421	734104.69	4052326.00	7.99538		
734104.69	4052227.25	6.97892	734104.69	4052128.75	6.27012		
734104.69	4052030.00	5.66606	734104.69	4051931.50	5.00832		
734188.06	4055481.50	4.82060	734188.06	4055383.00	4.53994		
734188.06	4055284.25	4.80155	734188.06	4055185.75	5.36566		
734188.06	4055087.00	5.33301	734188.06	4054988.50	5.25507		
734188.06	4054889.75	5.21628	734188.06	4054791.25	6.05530		
734188.06	4054692.50	6.19649	734188.06	4054594.00	6.21767		
734188.06	4054495.50	6.83033	734188.06	4054396.75	7.51261		
734188.06	4054298.25	8.10155	734188.06	4054199.50	7.98954		
734188.06	4054101.00	9.41500	734188.06	4054002.25	10.88774		
734188.06	4053903.75	11.13794	734188.06	4053805.00	12.50557		
734188.06	4053706.50	14.06799	734188.06	4053608.00	15.87242		
734188.06	4053509.25	16.33435	734188.06	4053410.75	15.18567		
734188.06	4053312.00	15.70511	734188.06	4053213.50	15.69603		
734188.06	4053114.75	14.37262	734188.06	4053016.25	11.87257		
734188.06	4052917.50	11.14469	734188.06	4052819.00	10.76890		
734188.06	4052720.50	10.85520	734188.06	4052621.75	10.27603		
734188.06	4052523.25	10.17191	734188.06	4052424.50	8.34532		
734188.06	4052326.00	7.83381	734188.06	4052227.25	7.40936		
734188.06	4052128.75	5.96064	734188.06	4052030.00	5.68672		
734188.06	4051931.50	5.00868	734271.38	4055481.50	4.11260		
734271.38	4055383.00	4.70091	734271.38	4055284.25	4.95644		
734271.38	4055185.75	4.87916	734271.38	4055087.00	4.98291		
734271.38	4054988.50	4.91479	734271.38	4054889.75	5.55529		
734271.38	4054791.25	5.76638	734271.38	4054692.50	5.49574		
734271.38	4054594.00	6.23193	734271.38	4054495.50	6.51946		
734271.38	4054396.75	7.04456	734271.38	4054298.25	7.30717		
734271.38	4054199.50	7.65870	734271.38	4054101.00	8.75839		
734271.38	4054002.25	9.35612	734271.38	4053903.75	10.99228		
734271.38	4053805.00	11.58382	734271.38	4053706.50	13.15994		
734271.38	4053608.00	14.61809	734271.38	4053509.25	14.32238		
734271.38	4053410.75	13.88654	734271.38	4053312.00	13.67358		
734271.38	4053213.50	14.02742	734271.38	4053114.75	12.02885		
734271.38	4053016.25	10.38860	734271.38	4052917.50	9.96325		
734271.38	4052819.00	9.64941	734271.38	4052720.50	9.60531		

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NO2		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		

734271.38	4052621.75	9.55627	734271.38	4052523.25	9.09163
734271.38	4052424.50	7.61693	734271.38	4052326.00	7.59553
734271.38	4052227.25	7.00087	734271.38	4052128.75	6.41921
734271.38	4052030.00	5.40778	734271.38	4051931.50	4.98019
734021.38	4052098.25	6.36051	734021.38	4052014.75	5.61595
734021.38	4051931.50	5.26823	733922.75	4052098.25	6.13278
733922.75	4052014.75	5.60310	733922.75	4051931.50	5.00262
733824.13	4052098.25	6.03835	733824.13	4052014.75	5.31848
733824.13	4051931.50	4.76456	733725.56	4052098.25	5.49977
733725.56	4052014.75	4.92998	733725.56	4051931.50	4.44696
733626.94	4052098.25	6.24031	733626.94	4052014.75	5.75366
733626.94	4051931.50	5.65860	733528.31	4052098.25	7.48344
733528.31	4052014.75	6.13498	733528.31	4051931.50	4.79441
733429.69	4052098.25	5.78525	733429.69	4052014.75	4.96617
733429.69	4051931.50	4.75878	733331.13	4052098.25	6.72525
733331.13	4052014.75	6.06141	733331.13	4051931.50	5.17568
733232.50	4052098.25	6.68536	733232.50	4052014.75	5.76077
733232.50	4051931.50	5.28005	733133.88	4052098.25	5.63121
733133.88	4052014.75	5.32108	733133.88	4051931.50	4.89169
733035.25	4052098.25	5.63326	733035.25	4052014.75	5.31469
733035.25	4051931.50	5.08756	732936.63	4052098.25	4.97468
732936.63	4052014.75	4.47272	732936.63	4051931.50	3.94074
732838.06	4052098.25	5.17949	732838.06	4052014.75	4.72889
732838.06	4051931.50	4.02943	732739.44	4052098.25	5.11134
732739.44	4052014.75	4.74498	732739.44	4051931.50	4.04121
732640.81	4052098.25	5.26566	732640.81	4052014.75	4.52314
732640.81	4051931.50	4.26369	732542.19	4052098.25	4.32784
732542.19	4052014.75	4.35917	732542.19	4051931.50	4.00266
732443.63	4052098.25	3.66560	732443.63	4052014.75	3.47522
732443.63	4051931.50	3.64493	732345.00	4052098.25	3.51212
732345.00	4052014.75	3.36553	732345.00	4051931.50	2.99415
732246.38	4052098.25	3.33320	732246.38	4052014.75	3.22517
732246.38	4051931.50	2.90042	732147.75	4052098.25	3.48476
732147.75	4052014.75	3.16458	732147.75	4051931.50	2.99607
732049.13	4052098.25	3.02257	732049.13	4052014.75	3.26140
732049.13	4051931.50	3.04974	731950.56	4052098.25	2.50315
731950.56	4052014.75	2.66182	731950.56	4051931.50	2.88624
731851.94	4052098.25	2.21702	731851.94	4052014.75	2.32234
731851.94	4051931.50	2.33302	731753.31	4052098.25	1.96683
731753.31	4052014.75	1.97500	731753.31	4051931.50	2.15178

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** *** *** 23:30:46
 PAGE 221

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
 *** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731654.69	4052098.25	1.98118	731654.69	4052014.75	1.82340
731654.69	4051931.50	1.82961	731556.13	4052098.25	2.22536
731556.13	4052014.75	1.83535	731556.13	4051931.50	1.70956
731457.50	4052098.25	2.22602	731457.50	4052014.75	1.97301
731457.50	4051931.50	1.73957	731358.88	4052098.25	2.13417
731358.88	4052014.75	2.06322	731358.88	4051931.50	1.75052
731260.25	4052098.25	1.90406	731260.25	4052014.75	2.06512
731260.25	4051931.50	1.86707	731161.63	4052098.25	1.84472
731161.63	4052014.75	1.83850	731161.63	4051931.50	1.89491
731063.06	4052098.25	1.84634	731063.06	4052014.75	1.75721
731063.06	4051931.50	1.77329	730964.44	4052098.25	1.80201
730964.44	4052014.75	1.73413	730964.44	4051931.50	1.71483
730865.81	4052098.25	1.76426	730865.81	4052014.75	1.70211
730865.81	4051931.50	1.66012	730767.19	4052098.25	1.73017
730767.19	4052014.75	1.68243	730767.19	4051931.50	1.63110
730668.63	4052098.25	1.60285	730668.63	4052014.75	1.65962
730668.63	4051931.50	1.61911	730570.00	4052098.25	1.57550
730570.00	4052014.75	1.60275	730570.00	4051931.50	1.56507
730471.38	4052098.25	1.56744	730471.38	4052014.75	1.51425
730471.38	4051931.50	1.56102	730638.06	4052181.50	1.72178
730638.06	4052280.00	1.82921	730638.06	4052378.75	1.84665
730638.06	4052477.25	1.91779	730638.06	4052576.00	2.14471
730638.06	4052674.50	2.37634	730638.06	4052773.25	2.46008
730638.06	4052871.75	2.41564	730638.06	4052970.50	2.34672
730638.06	4053069.00	2.71740	730638.06	4053167.50	2.71604
730638.06	4053266.25	3.02955	730638.06	4053364.75	2.95801
730638.06	4053463.00	3.63412	730638.06	4053562.00	4.37523
730638.06	4053660.75	4.44450	730638.06	4053759.25	4.71033
730638.06	4053858.00	4.96433	730638.06	4053956.50	4.73623
730638.06	4054055.00	4.94095	730638.06	4054153.75	4.59821
730638.06	4054252.25	4.51896	730638.06	4054351.00	4.38268
730638.06	4054449.50	3.77915	730638.06	4054548.25	3.26690
730638.06	4054646.75	3.70139	730638.06	4054745.50	4.18418
730638.06	4054844.00	3.90149	730638.06	4054942.50	4.48670
730638.06	4055041.25	4.41641	730638.06	4055139.75	3.97429
730638.06	4055238.50	4.35646	730638.06	4055337.00	4.56977
730638.06	4055435.75	4.73961	730638.06	4055534.25	5.29962
730638.06	4055633.00	4.51752	730638.06	4055731.50	3.96187
730554.69	4052181.50	1.72891	730554.69	4052280.00	1.81189
730554.69	4052378.75	1.84090	730554.69	4052477.25	1.90193

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
 *** AERMET - VERSION 18081 *** *** *** 23:30:46
 PAGE 222

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*
 *** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
730554.69	4052576.00	2.08266	730554.69	4052674.50	2.28136
730554.69	4052773.25	2.41159	730554.69	4052871.75	2.14685
730554.69	4052970.50	2.30564	730554.69	4053069.00	2.56803
730554.69	4053167.50	2.58023	730554.69	4053266.25	2.93847
730554.69	4053364.75	2.83414	730554.69	4053463.00	3.49144
730554.69	4053562.00	4.17094	730554.69	4053660.75	4.32173

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730554.69 4053759.25 4.46332 730554.69 4053858.00 4.74995
730554.69 4053956.50 4.61588 730554.69 4054055.00 4.78344
730554.69 4054153.75 4.63545 730554.69 4054252.25 4.35233
730554.69 4054351.00 4.30232 730554.69 4054449.50 3.81387
730554.69 4054548.25 3.30738 730554.69 4054646.75 3.34817
730554.69 4054745.50 3.88784 730554.69 4054844.00 3.79524
730554.69 4054942.50 3.82188 730554.69 4055041.25 4.11348
730554.69 4055139.75 4.07151 730554.69 4055238.50 3.86613
730554.69 4055337.00 4.31991 730554.69 4055435.75 4.45853
730554.69 4055534.25 4.75513 730554.69 4055633.00 5.02339
730554.69 4055731.50 4.09726 730471.38 4052181.50 1.66486
730471.38 4052280.00 1.76823 730471.38 4052378.75 1.75757
730471.38 4052477.25 1.91682 730471.38 4052576.00 2.09587
730471.38 4052674.50 2.24097 730471.38 4052773.25 2.31623
730471.38 4052871.75 2.02104 730471.38 4052970.50 2.24485
730471.38 4053069.00 2.37546 730471.38 4053167.50 2.51484
730471.38 4053266.25 2.71079 730471.38 4053364.75 2.76317
730471.38 4053463.50 3.25072 730471.38 4053562.00 3.81847
730471.38 4053660.75 4.16397 730471.38 4053759.25 4.20887
730471.38 4053858.00 4.75298 730471.38 4053956.50 4.63549
730471.38 4054055.00 4.45014 730471.38 4054153.75 4.64555
730471.38 4054252.25 4.10924 730471.38 4054351.00 4.23587
730471.38 4054449.50 3.83403 730471.38 4054548.25 3.41037
730471.38 4054646.75 2.98580 730471.38 4054745.50 3.43515
730471.38 4054844.00 3.89544 730471.38 4054942.50 3.58843
730471.38 4055041.25 3.91822 730471.38 4055139.75 4.12568
730471.38 4055238.50 3.62448 730471.38 4055337.00 3.88031
730471.38 4055435.75 4.24025 730471.38 4055534.25 4.40288
730471.38 4055633.00 4.76591 730471.38 4055731.50 4.63194
730471.38 4055981.50 3.50193 730471.38 4056231.50 2.67916
730710.25 4055981.50 3.20123 730710.25 4056231.50 2.66132
730949.13 4055981.50 3.02363 730949.13 4056231.50 3.00797
731188.06 4055981.50 3.49887 731188.06 4056231.50 3.37550
731426.94 4055981.50 3.73984 731426.94 4056231.50 3.36991
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 223
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
731665.81 4055981.50 3.57129 731665.81 4056231.50 2.98083
731904.69 4055981.50 2.97601 731904.69 4056231.50 2.26218
732143.63 4055981.50 2.41531 732143.63 4056231.50 2.08946
732382.50 4055981.50 2.56124 732382.50 4056231.50 2.46425
732621.38 4055981.50 2.50794 732621.38 4056231.50 2.36249
732860.25 4055981.50 2.94246 732860.25 4056231.50 2.76319
733099.13 4055981.50 3.19878 733099.13 4056231.50 2.78833
733338.06 4055981.50 2.59871 733338.06 4056231.50 2.36784
733576.94 4055981.50 2.18176 733576.94 4056231.50 2.01643
733815.81 4055981.50 1.94318 733815.81 4056231.50 1.80988
734054.69 4055981.50 2.28700 734054.69 4056231.50 2.03183
734293.63 4055981.50 3.27135 734293.63 4056231.50 2.43037
734532.50 4055981.50 3.08897 734532.50 4056231.50 2.82903
734771.38 4055981.50 3.96793 734771.38 4056231.50 3.09863
734521.38 4055731.50 4.00258 734521.38 4055492.50 4.43156
734521.38 4055253.75 4.01518 734521.38 4055014.75 4.63123
734521.38 4054776.00 5.25613 734521.38 4054537.00 4.68928
734521.38 4054298.25 5.02400 734521.38 4054059.25 7.25326
734521.38 4053820.50 10.39005 734521.38 4053581.50 10.39431
734521.38 4053342.50 9.91329 734521.38 4053103.75 8.66553
734521.38 4052864.75 7.28228 734521.38 4052626.00 7.50926
734521.38 4052387.00 7.07182 734521.38 4052148.25 5.55196
734521.38 4051909.25 4.79104 734521.38 4051670.50 4.19207
734521.38 4051431.50 3.34643 734771.38 4055731.50 3.66123
734771.38 4055492.50 3.43370 734771.38 4055253.75 3.86313
734771.38 4055014.75 4.02240 734771.38 4054776.00 3.25253
734771.38 4054537.00 3.47557 734771.38 4054298.25 4.85407
734771.38 4054059.25 7.16785 734771.38 4053820.50 8.09811
734771.38 4053581.50 8.32381 734771.38 4053342.50 7.84205
734771.38 4053103.75 6.67017 734771.38 4052864.75 5.91297
734771.38 4052626.00 5.77871 734771.38 4052387.00 6.10166
734771.38 4052148.25 5.01575 734771.38 4051909.25 4.60344
734771.38 4051670.50 3.99114 734771.38 4051431.50 3.30868
734271.38 4051681.50 4.11779 734271.38 4051431.50 3.64741
734032.50 4051681.50 4.21417 734032.50 4051431.50 3.07934
733793.63 4051681.50 3.40465 733793.63 4051431.50 3.16582
733554.69 4051681.50 4.09269 733554.69 4051431.50 3.75087
733315.81 4051681.50 4.20812 733315.81 4051431.50 3.36929
733076.94 4051681.50 3.82688 733076.94 4051431.50 2.88106
732838.06 4051681.50 2.98906 732838.06 4051431.50 2.54277
*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46 ***
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* PAGE 224
*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NO2 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
732599.13 4051681.50 3.61749 732599.13 4051431.50 2.60460
732360.25 4051681.50 2.93969 732360.25 4051431.50 2.82247
732121.38 4051681.50 2.37638 732121.38 4051431.50 2.07217
731882.50 4051681.50 2.65090 731882.50 4051431.50 2.07436
731643.63 4051681.50 2.08847 731643.63 4051431.50 2.40121
731404.69 4051681.50 1.58266 731404.69 4051431.50 1.86856
731165.81 4051681.50 1.46321 731165.81 4051431.50 1.42672
730926.94 4051681.50 1.43586 730926.94 4051431.50 1.30356
730688.06 4051681.50 1.42935 730688.06 4051431.50 1.28337
730449.13 4051681.50 1.46513 730449.13 4051431.50 1.20786
730210.25 4051681.50 1.32210 730210.25 4051431.50 1.20788
729971.38 4051681.50 1.28636 729971.38 4051431.50 1.27760
730221.38 4051931.50 1.40694 730221.38 4052170.50 1.61794

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730221.38	4052409.25	1.59435	730221.38	4052648.25	2.14723
730221.38	4052887.00	1.96509	730221.38	4053126.00	2.16806
730221.38	4053364.75	2.43271	730221.38	4053603.75	3.32377
730221.38	4053842.50	4.08990	730221.38	4054081.50	4.20970
730221.38	4054320.50	3.74937	730221.38	4054559.25	3.32651
730221.38	4054798.25	2.65026	730221.38	4055037.00	3.33063
730221.38	4055276.00	3.38897	730221.38	4055514.75	3.43615
730221.38	4055753.75	3.86714	730221.38	4055992.50	3.75036
730221.38	4056231.50	3.10489	729971.38	4051931.50	1.32801
729971.38	4052170.50	1.51793	729971.38	4052409.25	1.65727
729971.38	4052648.25	1.90018	729971.38	4052887.00	1.82631
729971.38	4053126.00	2.02737	729971.38	4053364.75	2.32714
729971.38	4053603.75	2.73221	729971.38	4053842.50	3.43959
729971.38	4054081.50	3.95654	729971.38	4054320.50	3.67212
729971.38	4054559.25	3.58508	729971.38	4054798.25	2.43940
729971.38	4055037.00	2.76134	729971.38	4055276.00	2.62802
729971.38	4055514.75	2.65030	729971.38	4055753.75	3.39837
729971.38	4055992.50	3.22711	729971.38	4056231.50	3.10434
729971.38	4056731.50	2.20357	729971.38	4057231.50	2.05670
730454.69	4056731.50	2.45110	730454.69	4057231.50	2.46154
730938.06	4056731.50	2.96544	730938.06	4057231.50	2.58709
731421.38	4056731.50	2.52314	731421.38	4057231.50	1.61963
731904.69	4056731.50	1.73070	731904.69	4057231.50	1.47629
732388.06	4056731.50	1.95213	732388.06	4057231.50	1.80875
732871.38	4056731.50	2.23091	732871.38	4057231.50	1.84722
733354.69	4056731.50	1.95220	733354.69	4057231.50	1.58702
733838.06	4056731.50	1.55571	733838.06	4057231.50	1.36829

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734321.38	4056731.50	1.59390	734321.38	4057231.50	1.38004
734804.69	4056731.50	2.27612	734804.69	4057231.50	1.85059
735288.06	4056731.50	2.98109	735288.06	4057231.50	2.34917
735771.38	4056731.50	1.61819	735771.38	4057231.50	2.29410
735271.38	4056231.50	2.43780	735271.38	4055748.25	2.66306
735271.38	4055264.75	2.00927	735271.38	4054781.50	2.85172
735271.38	4054298.25	4.56027	735271.38	4053814.75	5.34185
735271.38	4053331.50	4.27828	735271.38	4052848.25	3.63544
735271.38	4052364.75	4.08600	735271.38	4051881.50	3.73829
735271.38	4051398.25	3.21282	735271.38	4050914.75	2.48282
735271.38	4050431.50	2.23540	735771.38	4056231.50	2.00237
735771.38	4055748.25	1.48554	735771.38	4055264.75	1.84121
735771.38	4054781.50	2.59322	735771.38	4054298.25	4.60750
735771.38	4053814.75	3.66608	735771.38	4053331.50	3.51975
735771.38	4052848.25	2.92599	735771.38	4052364.75	3.34051
735771.38	4051881.50	3.06627	735771.38	4051398.25	2.44811
734771.38	4050914.75	2.32305	734771.38	4050431.50	2.05276
734771.38	4050931.50	2.72020	734771.38	4050431.50	2.09661
734288.06	4050931.50	2.34170	734288.06	4050431.50	1.57004
733804.69	4050931.50	2.50519	733804.69	4050431.50	2.18846
733321.38	4050931.50	2.57919	733321.38	4050431.50	2.04567
732838.06	4050931.50	2.21306	732838.06	4050431.50	1.81586
732354.69	4050931.50	2.18483	732354.69	4050431.50	1.51194
731871.38	4050931.50	1.55614	731871.38	4050431.50	1.67071
731388.06	4050931.50	1.84592	731388.06	4050431.50	1.32917
730904.69	4050931.50	1.37094	730904.69	4050431.50	1.55541
730421.38	4050931.50	1.10062	730421.38	4050431.50	1.13451
729938.06	4050931.50	1.05217	729938.06	4050431.50	0.94886
729454.69	4050931.50	0.99764	729454.69	4050431.50	0.87008
728971.38	4050931.50	0.94555	728971.38	4050431.50	0.82081
729471.38	4051431.50	1.11095	729471.38	4051914.75	1.28471
729471.38	4052398.25	1.64659	729471.38	4052881.50	1.53393
729471.38	4053364.75	2.08579	729471.38	4053848.25	2.60871
729471.38	4054331.50	3.25234	729471.38	4054814.75	2.64036
729471.38	4055298.25	2.03845	729471.38	4055781.50	2.19155
729471.38	4056264.75	2.79145	729471.38	4056748.25	2.32179
729471.38	4057231.50	1.81827	728971.38	4051431.50	1.01674
728971.38	4051914.75	1.04107	728971.38	4052398.25	1.37159
728971.38	4052881.50	1.28660	728971.38	4053364.75	1.85993
728971.38	4053848.25	1.92923	728971.38	4054331.50	2.88414

*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
PAGE 226

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
728971.38	4054814.75	2.55850	728971.38	4055298.25	1.71908
728971.38	4055781.50	1.99991	728971.38	4056264.75	1.73295
728971.38	4056748.25	2.39277	728971.38	4057231.50	2.01441
731642.42	4052755.39	3.32962	731665.86	4052756.36	3.38400
731689.30	4052757.34	3.43910	731712.73	4052758.32	3.49441
731736.17	4052759.30	3.55003	731759.61	4052760.27	3.59640
731783.05	4052761.25	3.64191	731961.08	4052429.31	3.08150
731937.50	4052428.32	3.07815	731913.91	4052427.33	3.07423
731890.33	4052426.35	3.04709	731866.74	4052425.36	3.00236
731843.16	4052424.37	3.01397	731819.57	4052423.38	3.03749
731642.42	4052755.39	3.32962	731665.86	4052756.36	3.38400
731689.30	4052757.34	3.43910	731712.73	4052758.32	3.49441
731736.17	4052759.30	3.55003	731759.61	4052760.27	3.59640
731783.05	4052761.25	3.64191	731961.08	4052429.31	3.08150
731937.50	4052428.32	3.07815	731913.91	4052427.33	3.07423
731890.33	4052426.35	3.04709	731866.74	4052425.36	3.00236
731843.16	4052424.37	3.01397	731819.57	4052423.38	3.03749
731186.90	4054769.34	5.70373	731900.30	4054798.88	6.94246
731929.72	4054094.66	12.70806	731216.10	4054065.49	5.75133
731211.50	4054770.36	5.89208	731236.10	4054771.38	6.08367

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731260.70 4054772.40 6.23859 731285.30 4054773.41 6.37648
731309.90 4054774.43 6.35724 731334.50 4054775.45 6.31394
731359.10 4054776.47 6.31861 731383.70 4054777.49 6.32226
731408.30 4054778.51 6.35137 731432.90 4054779.53 6.48666
731457.50 4054780.54 6.55614 731482.10 4054781.56 6.64769
731506.70 4054782.58 6.88969 731531.30 4054783.60 7.05495
731555.90 4054784.62 7.11822 731580.50 4054785.64 7.17404
731605.10 4054786.66 7.07985 731629.70 4054787.68 7.09065
731654.30 4054788.69 7.19173 731678.90 4054789.71 7.28825
731703.50 4054790.73 7.14388 731728.10 4054791.75 7.51669
731752.70 4054792.77 7.46434 731777.30 4054793.79 7.45326
731801.90 4054794.81 7.33310 731826.50 4054795.82 7.14872
731851.10 4054796.84 6.92407 731875.70 4054797.86 6.91933
731901.31 4054774.60 7.07317 731902.33 4054750.31 7.24290
731903.34 4054726.03 7.64329 731904.36 4054701.75 8.21463
731905.37 4054677.46 8.44849 731906.39 4054653.18 8.44152
731907.40 4054628.90 8.94612 731908.42 4054604.61 9.52796
731909.43 4054580.33 9.91465 731910.44 4054556.05 10.01648
731911.46 4054531.76 9.89744 731912.47 4054507.48 9.38878
731913.49 4054483.20 9.06555 731914.50 4054458.91 8.86230
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 227

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731915.52	4054434.63	8.93650	731916.53	4054410.34	9.36841
731917.55	4054386.06	9.36358	731918.56	4054361.78	9.21120
731919.58	4054337.49	9.47784	731920.59	4054313.21	9.65413
731921.60	4054288.93	10.06710	731922.62	4054264.64	10.45353
731923.63	4054240.36	10.83839	731924.65	4054216.08	11.62731
731925.66	4054191.79	12.26778	731926.68	4054167.51	12.59045
731927.69	4054143.23	12.97984	731928.71	4054118.94	12.81964
731905.11	4054093.65	11.87260	731880.50	4054092.65	11.14571
731855.90	4054091.64	10.59703	731831.29	4054090.64	10.06365
731806.68	4054089.63	9.43871	731782.07	4054088.62	9.04990
731757.47	4054087.62	9.05238	731732.86	4054086.61	9.01912
731708.25	4054085.61	8.78559	731683.64	4054084.60	8.62800
731659.04	4054083.60	8.62833	731634.43	4054082.59	8.54408
731609.82	4054081.58	8.43415	731585.21	4054080.58	8.32991
731560.61	4054079.57	8.25652	731536.00	4054078.57	8.19925
731511.39	4054077.56	8.09696	731486.78	4054076.55	8.01381
731462.18	4054075.55	8.00306	731437.57	4054074.54	8.14605
731412.96	4054073.54	8.13402	731388.35	4054072.53	7.72739
731363.75	4054071.53	7.35241	731339.14	4054070.52	6.97692
731314.53	4054069.51	6.61501	731289.92	4054068.51	6.23987
731265.32	4054067.50	5.98762	731240.71	4054066.50	5.84575
731215.09	4054089.76	5.76969	731214.09	4054114.03	5.92034
731213.08	4054138.30	6.27948	731212.07	4054162.57	6.60606
731211.07	4054186.84	6.29191	731210.06	4054211.11	6.82969
731209.05	4054235.38	5.71877	731208.04	4054259.66	5.66682
731207.04	4054283.93	5.61560	731206.03	4054308.20	5.60684
731205.02	4054332.47	5.74661	731204.02	4054356.74	5.69989
731203.01	4054381.01	5.61853	731202.00	4054405.28	5.45261
731201.00	4054429.55	5.47267	731199.99	4054453.82	5.49611
731198.98	4054478.09	5.64640	731197.98	4054502.36	5.72076
731196.97	4054526.63	5.94393	731195.96	4054550.90	6.15240
731194.96	4054575.17	5.91806	731193.95	4054599.45	5.89843
731192.94	4054623.72	5.90240	731191.93	4054647.99	5.76159
731190.93	4054672.26	5.64777	731189.92	4054696.53	5.55151
731188.91	4054720.80	5.58258	731187.91	4054745.07	5.69138
731194.69	4055189.34	5.33514	733338.57	4055256.58	4.16292
733353.25	4055248.33	4.15281	733468.44	4055248.68	3.73680
733489.84	4055033.32	3.97067	733500.36	4054801.88	4.73832
733510.16	4054233.64	16.12329	733496.77	4054123.78	19.34812
732004.98	4054061.70	13.94313	731983.73	4054169.31	12.45988

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 228

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731948.04	4054949.17	6.24319	731968.60	4055190.54	5.25125
731993.51	4055191.74	5.13311	732018.42	4055192.94	5.00155
732043.32	4055194.14	4.85620	732068.23	4055195.34	4.75223
732093.14	4055196.54	4.67368	732118.05	4055197.75	4.67319
732142.96	4055198.95	4.72648	732167.87	4055200.15	4.72708
732192.78	4055201.35	4.48114	732217.68	4055202.55	4.24795
732242.59	4055203.75	4.46123	732267.50	4055204.95	4.63246
732292.41	4055206.15	4.50566	732317.32	4055207.35	4.41703
732342.23	4055208.55	4.24718	732367.14	4055209.75	4.13876
732392.04	4055210.95	4.01487	732416.95	4055212.15	3.92515
732441.86	4055213.35	3.87281	732466.77	4055214.56	3.90967
732491.68	4055215.76	3.77112	732516.59	4055216.96	3.69203
732541.50	4055218.16	3.59503	732566.40	4055219.36	3.60850
732591.31	4055220.56	3.71179	732616.22	4055221.76	3.90294
732641.13	4055222.96	4.05110	732666.04	4055224.16	4.10248
732690.95	4055225.36	3.99141	732715.86	4055226.56	3.87203
732740.76	4055227.76	3.73442	732765.67	4055228.96	3.79330
732790.58	4055230.16	3.80599	732815.49	4055231.37	3.80589
732840.40	4055232.57	3.83635	732865.31	4055233.77	3.99337
732890.22	4055234.97	4.23701	732915.12	4055236.17	4.84396
732940.03	4055237.37	4.97019	732964.94	4055238.57	4.95617
732989.85	4055239.77	5.17480	733014.76	4055240.97	5.46607
733039.67	4055242.17	5.52634	733064.58	4055243.37	5.38636
733089.48	4055244.57	5.14707	733114.39	4055245.77	4.96579
733139.30	4055246.97	4.84833	733164.21	4055248.18	4.60823
733189.12	4055249.38	4.52096	733214.03	4055250.58	4.45044
733238.94	4055251.78	4.44149	733263.84	4055252.98	4.39914

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733288.75 4055254.18 4.52013 733313.66 4055255.38 4.43654
733376.29 4055248.40 4.08125 733399.33 4055248.47 4.08693
733422.36 4055248.54 4.15100 733445.40 4055248.61 4.00900
733470.82 4055224.75 3.74151 733473.20 4055200.82 3.75329
733475.57 4055176.89 3.76504 733477.95 4055152.96 3.77299
733480.33 4055129.04 3.84309 733482.71 4055105.11 3.96118
733485.08 4055081.18 3.97499 733487.46 4055057.25 3.97350
733490.89 4055010.18 3.98786 733491.94 4054987.03 4.02457
733493.00 4054963.89 4.06580 733494.05 4054940.74 4.11566
733495.10 4054917.60 4.18385 733496.15 4054894.46 4.23685
733497.20 4054871.31 4.30389 733498.26 4054848.17 4.37877
733499.31 4054825.02 4.45604 733500.79 4054777.17 5.06441
733501.21 4054752.47 5.37115 733501.64 4054727.76 5.74000
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 229

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733502.06	4054703.06	6.04828	733502.49	4054678.35	6.18714
733502.92	4054653.64	6.30832	733503.34	4054628.94	6.51327
733503.77	4054604.23	6.83933	733504.19	4054579.53	7.52253
733504.62	4054554.82	8.27923	733505.05	4054530.11	9.02231
733505.47	4054505.41	9.74915	733505.90	4054480.70	10.23989
733506.33	4054455.99	10.52666	733506.75	4054431.29	10.87013
733507.18	4054406.58	11.27236	733507.60	4054381.88	11.76610
733508.03	4054357.17	12.42317	733508.46	4054332.46	13.12585
733508.88	4054307.76	13.96150	733509.31	4054283.05	14.67118
733509.73	4054258.35	15.36404	733507.48	4054211.67	16.72981
733504.80	4054189.70	17.35140	733502.13	4054167.72	17.99619
733499.45	4054145.75	18.66291	733471.91	4054122.75	18.96306
733447.04	4054121.71	18.58778	733422.18	4054120.68	18.27773
733397.32	4054119.64	17.95109	733372.45	4054118.61	17.59004
733347.59	4054117.57	17.66777	733322.73	4054116.54	18.14251
733297.86	4054115.50	17.80714	733273.00	4054114.47	17.83921
733248.14	4054113.43	17.73307	733223.28	4054112.40	16.88458
733198.41	4054111.36	16.79556	733173.55	4054110.33	16.47161
733148.69	4054109.29	16.30508	733123.82	4054108.26	16.13552
733098.96	4054107.23	16.13993	733074.10	4054106.19	15.46263
733049.23	4054105.16	15.01719	733024.37	4054104.12	15.45441
732999.51	4054103.09	15.92194	732974.64	4054102.05	16.33697
732949.78	4054101.02	16.98411	732924.92	4054099.98	16.87358
732900.05	4054098.95	16.97687	732875.19	4054097.91	16.19451
732850.33	4054096.88	16.21927	732825.46	4054095.84	16.33751
732800.60	4054094.81	15.93627	732775.74	4054093.77	16.04966
732750.88	4054092.74	16.81318	732726.01	4054091.71	16.51586
732701.15	4054090.67	16.93059	732676.29	4054089.64	16.53857
732651.42	4054088.60	16.70034	732626.56	4054087.57	16.80066
732601.70	4054086.53	17.47540	732576.83	4054085.50	17.34061
732551.97	4054084.46	16.99802	732527.11	4054083.43	17.26294
732502.24	4054082.39	17.62196	732477.38	4054081.36	17.83373
732452.52	4054080.32	18.25222	732427.65	4054079.29	18.65486
732402.79	4054078.25	18.01247	732377.93	4054077.22	17.76382
732353.06	4054076.19	17.47218	732328.20	4054075.15	17.09795
732303.34	4054074.12	16.60515	732278.47	4054073.08	15.98467
732253.61	4054072.05	15.13331	732228.75	4054071.01	14.51668
732203.89	4054069.98	14.49429	732179.02	4054068.94	14.11759
732154.16	4054067.91	14.07395	732129.30	4054066.87	14.08702
732104.43	4054065.84	14.35376	732079.57	4054064.80	14.22341

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 230

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732054.71	4054063.77	14.10185	732029.84	4054062.73	14.03251
732000.73	4054083.22	13.67563	731996.48	4054104.74	13.62638
731992.23	4054126.27	13.18185	731987.98	4054147.79	12.81793
731982.61	4054193.68	11.85978	731981.50	4054218.05	11.07848
731980.38	4054242.42	10.79886	731979.27	4054266.79	10.35996
731978.15	4054291.16	10.15021	731977.04	4054315.53	9.81871
731975.92	4054339.90	9.95051	731974.81	4054364.28	9.80928
731973.69	4054388.65	9.46392	731972.58	4054413.02	9.73977
731971.46	4054437.39	10.09849	731970.35	4054461.76	10.65829
731969.23	4054486.13	10.79057	731968.12	4054510.50	10.65808
731967.00	4054534.87	10.40583	731965.89	4054559.24	9.97879
731964.77	4054583.61	9.20527	731963.65	4054607.98	8.86432
731962.54	4054632.35	8.94656	731961.42	4054656.72	8.51199
731960.31	4054681.09	7.87984	731959.19	4054705.46	7.56560
731958.08	4054729.83	7.41049	731956.96	4054754.21	7.24133
731955.85	4054778.58	6.85888	731954.73	4054802.95	6.66705
731953.62	4054827.32	6.42076	731952.50	4054851.69	6.39250
731951.39	4054876.06	6.39827	731950.27	4054900.43	6.29041
731949.16	4054924.80	6.23116	731947.61	4054949.19	6.21763
731947.17	4054973.20	5.92299	731946.74	4055021.22	5.79706
731946.30	4055045.24	5.75037	731945.87	4055069.26	5.66923
731945.43	4055093.27	5.64586	731945.00	4055117.29	5.58728
731944.56	4055141.31	5.44709	731944.13	4055165.32	5.38119
731215.24	4053954.55	5.82885	731932.86	4053984.58	11.45766
731968.42	4053126.00	6.59118	731771.32	4053117.96	5.44111
731777.42	4052972.13	4.58040	731957.15	4052979.60	5.23909
731962.24	4052851.84	4.47101	731262.36	4052816.32	3.13095
731239.99	4053955.59	5.87680	731264.73	4053956.62	5.92215
731289.48	4053957.66	5.96478	731314.22	4053958.69	6.08649
731338.97	4053959.73	6.36275	731363.71	4053960.76	6.60771
731388.46	4053961.80	6.65279	731413.20	4053962.83	6.66114
731437.95	4053963.87	6.71387	731462.70	4053964.91	7.01943
731487.44	4053965.94	7.66848	731512.19	4053966.98	8.19127
731536.93	4053968.01	8.74006	731561.68	4053969.05	9.28127


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731586.42 4053970.08 9.78731 731611.17 4053971.12 10.12022
731635.91 4053972.15 10.49620 731660.66 4053973.19 10.37758
731685.40 4053974.22 10.39566 731710.15 4053975.26 10.52620
731734.90 4053976.30 10.65524 731759.64 4053977.33 10.78212
731784.39 4053978.37 10.90622 731809.13 4053979.40 10.98619
731833.88 4053980.44 11.08349 731858.62 4053981.47 11.29039
*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 231

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731883.37	4053982.51	11.50176	731908.11	4053983.54	11.56006
731933.88	4053960.05	12.35021	731934.89	4053935.52	12.77716
731935.91	4053910.99	13.38859	731936.92	4053886.46	14.09546
731937.94	4053861.93	14.50375	731938.96	4053837.39	15.21765
731939.97	4053812.86	15.45369	731940.99	4053788.33	15.05696
731942.00	4053763.80	14.35773	731943.02	4053739.27	13.77104
731944.04	4053714.74	13.03482	731945.05	4053690.21	12.62074
731946.07	4053665.68	13.11189	731947.08	4053641.15	14.09027
731948.10	4053616.62	14.67985	731949.12	4053592.09	14.25097
731950.13	4053567.56	13.81711	731951.15	4053543.02	13.20064
731952.16	4053518.49	12.71320	731953.18	4053493.96	12.32932
731954.20	4053469.43	11.60348	731955.21	4053444.90	12.19905
731956.23	4053420.37	12.70559	731957.24	4053395.84	13.25136
731958.26	4053371.31	13.88529	731959.28	4053346.78	12.47469
731960.29	4053322.25	11.27956	731961.31	4053297.72	10.37209
731962.32	4053273.19	9.34966	731963.34	4053248.65	8.63862
731964.36	4053224.12	8.75073	731965.37	4053199.59	8.01205
731966.39	4053175.06	7.22158	731967.40	4053150.53	6.73930
731943.78	4053125.00	6.46152	731919.15	4053123.99	6.26333
731894.51	4053122.99	6.08435	731869.87	4053121.98	6.02272
731845.23	4053120.98	5.86274	731820.60	4053119.97	5.71343
731795.96	4053118.97	5.57201	731772.34	4053093.66	5.29850
731773.35	4053069.35	5.15099	731774.37	4053045.05	4.65932
731775.39	4053020.74	4.60473	731776.40	4052996.44	4.57752
731799.89	4052973.06	4.65578	731822.35	4052974.00	4.73206
731844.82	4052974.93	4.81502	731867.29	4052975.87	4.90369
731889.75	4052976.80	5.00355	731912.22	4052977.73	5.07721
731934.68	4052978.67	5.15728	731958.00	4052958.31	5.08982
731958.85	4052937.01	4.94727	731959.70	4052915.72	4.71636
731960.54	4052894.43	4.68577	731961.39	4052873.13	4.57082
731938.11	4052850.62	4.36371	731913.97	4052849.39	4.25467
731889.84	4052848.17	4.21539	731865.70	4052846.94	4.18298
731841.57	4052845.72	4.15168	731817.44	4052844.49	4.08678
731793.30	4052843.27	4.01376	731769.17	4052842.04	3.94191
731745.04	4052840.82	3.87162	731720.90	4052839.59	3.80424
731696.77	4052838.37	3.73873	731672.63	4052837.14	3.67602
731648.50	4052835.92	3.63413	731624.37	4052834.69	3.61112
731600.23	4052833.47	3.58986	731576.10	4052832.24	3.56987
731551.97	4052831.02	3.55008	731527.83	4052829.79	3.52502
731503.70	4052828.57	3.48195	731479.56	4052827.34	3.44316

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** *** *** 23:30:46
*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U* *** PAGE 232

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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
731455.43	4052826.12	3.40651	731431.30	4052824.89	3.37060
731407.16	4052823.67	3.33411	731383.03	4052822.44	3.29893
731358.90	4052821.22	3.28384	731334.76	4052819.99	3.23789
731310.63	4052818.77	3.19730	731286.49	4052817.54	3.16386
731261.34	4052814.06	3.11565	731260.31	4052815.81	3.21888
731259.29	4052890.55	3.33686	731258.26	4052915.30	3.35578
731257.24	4052940.04	3.52716	731256.21	4052964.78	3.79108
731255.19	4052989.53	3.88022	731254.17	4053014.27	3.81103
731253.14	4053039.02	3.79472	731252.12	4053063.76	3.82489
731251.09	4053088.51	3.83082	731250.07	4053113.25	3.79472
731249.04	4053137.99	3.65959	731248.02	4053162.74	3.73276
731246.99	4053187.48	4.02899	731245.97	4053212.23	4.30968
731244.95	4053236.97	4.29988	731243.92	4053261.71	4.29770
731242.90	4053286.46	4.35760	731241.87	4053311.20	4.45893
731240.85	4053335.95	4.35477	731239.82	4053360.69	4.58886
731238.80	4053385.43	4.93753	731237.77	4053410.18	5.17080
731236.75	4053434.92	5.28836	731235.73	4053459.67	5.36883
731234.70	4053484.41	5.47720	731233.68	4053509.16	5.80837
731232.65	4053533.90	5.89579	731231.63	4053558.64	5.82323
731230.61	4053583.39	6.05709	731229.58	4053608.13	6.23598
731228.56	4053632.88	6.31273	731227.53	4053657.62	5.98296
731226.51	4053682.36	6.01983	731225.48	4053707.11	6.27007
731224.46	4053731.85	6.65413	731223.43	4053756.60	6.62363
731222.41	4053781.34	6.76347	731221.38	4053806.09	7.07679
731220.36	4053830.83	7.08916	731219.33	4053855.57	7.02168
731218.31	4053880.32	6.92616	731217.28	4053905.06	6.52062
731216.26	4053929.81	5.95441	731989.89	4053830.29	15.87420
732108.41	4053834.79	16.74108	732102.96	4053963.08	15.42740
733488.46	4054020.60	22.90672	733508.70	4053885.13	27.77010
733535.65	4053006.59	56.12447	733514.28	4052920.63	50.44913
732831.80	4052891.60	36.62684	732813.81	4053250.67	70.65351
732785.59	4053256.36	68.24693	732021.24	4053223.41	9.79653
732011.35	4053237.47	9.47934	731987.64	4053809.79	16.23022
732013.59	4053831.19	16.12670	732037.30	4053832.09	16.34368
732061.00	4053832.99	16.33520	732084.71	4053833.89	16.42115
732107.50	4053856.17	16.25423	732106.59	4053877.55	15.67913
732105.69	4053898.94	15.49303	732104.78	4053920.32	15.38433
732103.87	4053941.17	15.45816	732127.70	4053964.11	15.53032
732152.44	4053965.13	15.54138	732177.18	4053966.16	15.71644
732201.92	4053967.19	15.98251	732226.67	4053968.22	16.31951

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*** AERMOD - VERSION 19191 *** *** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20

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*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
732251.41	4053969.24	16.66998	732276.15	4053970.27	16.65219
732300.89	4053971.30	17.30152	732325.63	4053972.32	17.58686
732350.37	4053973.35	18.28177	732375.11	4053974.38	19.22337
732399.85	4053975.41	20.05124	732424.59	4053976.43	20.60550
732449.34	4053977.46	21.02250	732474.08	4053978.49	21.23789
732498.82	4053979.51	21.29817	732523.56	4053980.54	21.83283
732548.30	4053981.57	21.51345	732573.04	4053982.60	20.85431
732597.78	4053983.62	20.84557	732622.52	4053984.65	20.41524
732647.26	4053985.68	20.95348	732672.00	4053986.70	21.07362
732696.75	4053987.73	20.74920	732721.49	4053988.76	20.43376
732746.23	4053989.79	20.26204	732770.97	4053990.81	20.96455
732795.71	4053991.84	20.58228	732820.45	4053992.87	19.64042
732845.19	4053993.89	19.28748	732869.93	4053994.92	19.39309
732894.67	4053995.95	20.42880	732919.42	4053996.98	21.03329
732944.16	4053998.00	20.40869	732968.90	4053999.03	20.15023
732993.64	4054000.06	20.43578	733018.38	4054001.08	19.75027
733043.12	4054002.11	19.41243	733067.86	4054003.14	19.51212
733092.60	4054004.17	19.30037	733117.34	4054005.19	19.13489
733142.09	4054006.22	19.20630	733166.83	4054007.25	19.15101
733191.57	4054008.27	20.38336	733216.31	4054009.30	20.42718
733241.05	4054010.33	21.01434	733265.79	4054011.36	21.71339
733290.53	4054012.38	22.12166	733315.27	4054013.41	21.92082
733340.01	4054014.44	22.15364	733364.75	4054015.46	22.16592
733389.50	4054016.49	22.76184	733414.24	4054017.52	23.03090
733438.98	4054018.55	22.41633	733463.72	4054019.57	22.67894
733491.83	4053998.02	23.67809	733495.21	4053975.44	24.50430
733498.58	4053952.87	25.39791	733501.95	4053930.29	26.32458
733505.33	4053907.71	27.03345	733509.45	4053860.73	29.29832
733510.20	4053836.32	30.38127	733510.95	4053811.92	31.97322
733511.69	4053787.51	34.44461	733512.44	4053763.11	36.52264
733513.19	4053738.71	39.94543	733513.94	4053714.30	42.24125
733514.69	4053689.90	44.62220	733515.44	4053665.50	47.85607
733516.19	4053641.09	51.86236	733516.93	4053616.69	59.56209
733517.68	4053592.28	60.09718	733518.43	4053567.88	60.66359
733519.18	4053543.48	60.24365	733519.93	4053519.07	61.85310
733520.68	4053494.67	61.08770	733521.43	4053470.26	61.25085
733522.18	4053445.86	60.45990	733522.92	4053421.46	61.16671
733523.67	4053397.05	61.61875	733524.42	4053372.65	62.30947
733525.17	4053348.24	61.94175	733525.92	4053323.84	62.66946
733526.67	4053299.44	63.66703	733527.42	4053275.03	63.97424

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
733528.16	4053250.63	63.84790	733528.91	4053226.22	63.68528
733529.66	4053201.82	63.27323	733530.41	4053177.42	62.52257
733531.16	4053153.01	60.79503	733531.91	4053128.61	60.93032
733532.66	4053104.21	60.71160	733533.40	4053079.80	60.03905
733534.15	4053055.40	57.96414	733534.90	4053030.99	55.46551
733530.31	4052985.10	54.61426	733524.97	4052963.61	54.11199
733519.62	4052942.12	53.54901	733489.91	4052919.59	51.37387
733465.53	4052918.56	51.08600	733441.16	4052917.52	51.82320
733416.78	4052916.48	52.46784	733392.41	4052915.45	52.40676
733368.03	4052914.41	53.12919	733343.66	4052913.37	53.73733
733319.29	4052912.34	52.69803	733294.91	4052911.30	51.97689
733270.54	4052910.26	52.38564	733246.16	4052909.23	51.69846
733221.79	4052908.19	51.90156	733197.41	4052907.15	52.59048
733173.04	4052906.12	52.06020	733148.67	4052905.08	51.85915
733124.29	4052904.04	50.48714	733099.92	4052903.00	49.72477
733075.54	4052901.97	49.43223	733051.17	4052900.93	49.11354
733026.79	4052899.89	47.64902	733002.42	4052898.86	45.70758
732978.05	4052897.82	43.48090	732953.67	4052896.78	43.15106
732929.30	4052895.75	42.74968	732904.92	4052894.71	42.62468
732880.55	4052893.67	42.72107	732856.17	4052892.64	39.17621
732830.60	4052915.54	42.13099	732829.40	4052939.48	48.38375
732828.20	4052963.41	53.75816	732827.00	4052987.35	55.60161
732825.80	4053011.29	55.81477	732824.60	4053035.23	57.49765
732823.40	4053059.17	59.39079	732822.21	4053083.10	62.51791
732821.01	4053107.04	64.01173	732819.81	4053130.98	67.13678
732818.61	4053154.92	69.26449	732817.41	4053178.86	69.15494
732816.21	4053202.79	70.26764	732815.01	4053226.73	70.48058
732799.70	4053253.51	69.34834	732760.93	4053255.30	65.10553
732736.28	4053254.23	60.29223	732711.62	4053253.17	55.81772
732686.96	4053252.11	51.69138	732662.31	4053251.05	47.03894
732637.65	4053249.98	42.82355	732612.99	4053248.92	39.54115
732588.34	4053247.86	36.75909	732563.68	4053246.79	34.37050
732539.03	4053245.73	31.88171	732514.37	4053244.67	30.35806
732489.71	4053243.61	29.18688	732465.06	4053242.54	27.91954
732440.40	4053241.48	26.58040	732415.74	4053240.42	25.35057
732391.09	4053239.35	23.88678	732366.43	4053238.29	22.20909
732341.77	4053237.23	20.94579	732317.12	4053236.16	19.85079
732292.46	4053235.10	18.80530	732267.80	4053234.04	17.58333
732243.15	4053232.98	16.55515	732218.49	4053231.91	15.48961
732193.84	4053230.85	14.50350	732169.18	4053229.79	13.65123

*** MODELOPTs: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. Contains 40 rows of receptor point data.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. Contains 3 rows of receptor point data.

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Table with 7 columns: GROUP ID, AVERAGE CONC, RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG), OF TYPE, NETWORK GRID-ID. Contains 10 rows of summary data.

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 19191 *** ** C:\USERS\TIFFANIE.RAMOS\DOCUMENTS\WORKING (LAPTOP)\LUNA VALLEY SOLAR *** 10/04/20
*** AERMET - VERSION 18081 *** ** *** 23:30:46
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*** MODELOPTS: RegDFault CONC ELEV ARM2 RURAL ADJ_U*

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2796 Informational Message(s)
A Total of 43848 Hours Were Processed
A Total of 1025 Calm Hours Identified
A Total of 1771 Missing Hours Identified (4.04 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

```
***** WARNING MESSAGES *****
ME W186 9767 MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used 0.50
ME W187 9767 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*****
*** AERMOD Finishes Successfully ***
*****
```


HARP2 - HRACalc (dated 19044) 10/5/2020 5:38:15 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 2

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk saved to: C:\Users\tiffanie.ramos\Documents\Working (Laptop)\Luna Valley Solar\HARP2\LUNA VALLEY SOLAR 100520\LV100520_CancerRisk.csv
Calculating chronic risk
Chronic risk saved to: C:\Users\tiffanie.ramos\Documents\Working (Laptop)\Luna Valley Solar\HARP2\LUNA VALLEY SOLAR 100520\LV100520_NCChronicRisk.csv
Calculating acute risk
Acute risk saved to: C:\Users\tiffanie.ramos\Documents\Working (Laptop)\Luna Valley Solar\HARP2\LUNA VALLEY SOLAR 100520\LV100520_NCAcuteRisk.csv
HRA ran successfully

*HARP - HRACalc v19044 10/5/2020 7:23:57 AM - Cancer Risk - Input File: LVS100520_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	INH_RISK
1	ONSITE	UNMITIGATED	9901	DieselExhPM	0.043	2YrCancerDerived_Inh	1.47E-05
2	ONSITE	MITIGATED	9901	DieselExhPM	0.018	2YrCancerDerived_Inh	6.16E-06

*HARP - HRACalc v19044 10/5/2020 7:23:57 AM - Chronic Risk - Input File: LVS100520_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	RESP
1	ONSITE	UNMITIGATED	9901	DieselExhPM	0.043	NonCancerChronicDerived_Inh	8.60E-03
2	ONSITE	MITIGATED	9901	DieselExhPM	0.018	NonCancerChronicDerived_Inh	3.60E-03

Appendix E2

Project Fuel Use Calculation



Luna Valley Solar Project Fuel Use Calculations

1/11/2021

CO₂ emissions from AQ Calculations:

Conversion	1 MT =	1000 kg
------------	--------	---------

Construction Diesel Sources	
	CO ₂ Emissions
Off road equipment	2544.9427 MT
Haul/Vendor trucks	498.89 MT
TOTAL Diesel Sources =	3043.83 MT
Convert to kilograms	3.04E+06 kg

Diesel fuel combustion^a = 10.21 kg CO₂/gallon

Diesel Combustion Rate = 298122.21 gallons (over the 16 month construction period)

Construction Gasoline Sources	
	CO ₂ Emissions
Construction workers	1380.2946 MT
Convert to kilograms	1.38E+06 kg

Gasoline fuel combustion^a = 8.78 kg CO₂/gallon

Gasoline combustion rate = 157208.95 gallons (over the 16 month construction period)

Operation Diesel Sources	
	CO ₂ Emissions
Emergency generator if diesel	1.2566 MT
Convert to kilograms	1.26E+03 kg

Diesel fuel combustion^a = 10.21 kg CO₂/gallon

Diesel combustion rate = 123.08 gallons Per year during operation if diesel generator is used

Operation Propane Sources	
	CO ₂ Emissions
Emergency generator if propane	1.2566 MT
Convert to kilograms	1.26E+03 kg

Propane fuel combustion^a = 5.72 kg CO₂/gallon

Propane combustion rate = 219.69 gallons Per year during operation if propane generator is used

Operation Gasoline Sources	
	CO ₂ Emissions
Operational Vehicles	27.072 MT
Convert to kilograms	2.71E+04 kg

Gasoline fuel combustion^a = 8.78 kg CO₂/gallon

Gasoline combustion rate = 3083.37 gallons Per year during operation

Notes: ^a Emissions factors per The Climate Registry 2020 Default Emission Factors (Table 2.1 - US Default CO₂ Emission Factors for Transport Fuels)

**Luna Valley Solar Project
Fresno County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1,300.00	User Defined Unit	1,300.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	45
Climate Zone	3			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW/hr)	641.35	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project is located in Fresno County.
 Land Use - Project would be on 1300 acres of privately owned agricultural land Off-road Equipment - Construction equipment data provided by applicant.
 Off-road Equipment - Construction equipment data provided by applicant. Off-road Equipment - Construction equipment data provided by applicant. Trips and VMT - Peak per phase; provided by applicant.
 Grading - Acres of grading.
 Architectural Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft Vehicle Trips - 4 full-time personnel.
 Area Coating - O&M Building 100 x 50 ft, Control Building 40 x 40 ft
 Energy Use - Energy rates based on Unrefrigerated Warehouse, Lighting rates based on Parking Lot.
 Water And Wastewater - Estimated (conservative) water use for building facilities and occasional solar panel cleaning. Solid Waste - Solid waste rates based on Unrefrigerated Warehouse.
 Construction Off-road Equipment Mitigation - BMPs for fugitive dust control Tier 4 Final Engines for equipment >100 hp
 Mobile Commute Mitigation -
 Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator 49 kW or less located at substation; assume no more than 50 hours/year for maintenance, testing, and emergency response.

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067
Stationary	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610
Waste						0.0000	0.0000		0.0000	0.0000	1.2585	0.0000	1.2585	0.0744	0.0000	3.1180
Water						0.0000	0.0000		0.0000	0.0000	0.3173	11.7560	12.0733	0.0331	8.8000e-004	13.1633
Total	0.0121	0.0499	0.0691	3.0000e-004	0.0191	6.0000e-004	0.0197	5.1300e-003	5.9000e-004	5.7200e-003	1.5758	40.1079	41.6837	0.1091	8.8000e-004	44.6737

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment
 Replace Ground Cover Water Exposed Area
 Reduce Vehicle Speed on Unpaved Roads
 Clean Paved Roads

3.2 Month 1-2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7437	0.0000	0.7437	0.3596	0.0000	0.3596	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2285	2.4977	1.6383	3.8700e-003		0.1026	0.1026		0.0944	0.0944	0.0000	340.3532	340.3532	0.1101	0.0000	343.1051
Total	0.2285	2.4977	1.6383	3.8700e-003	0.7437	0.1026	0.8462	0.3596	0.0944	0.4540	0.0000	340.3532	340.3532	0.1101	0.0000	343.1051

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9900e-003	0.1422	0.0254	6.0000e-004	0.0150	5.9000e-004	0.0156	4.1300e-003	5.7000e-004	4.7000e-003	0.0000	57.2848	57.2848	1.5900e-003	0.0000	57.3247
Worker	0.0289	0.0195	0.1955	6.9000e-004	0.0793	4.3000e-004	0.0797	0.0211	4.0000e-004	0.0215	0.0000	62.5519	62.5519	1.3100e-003	0.0000	62.5847
Total	0.0339	0.1616	0.2209	1.2900e-003	0.0943	1.0200e-003	0.0954	0.0252	9.7000e-004	0.0262	0.0000	119.8367	119.8367	2.9000e-003	0.0000	119.9093

3.3 Month 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4641	0.0000	0.4641	0.2247	0.0000	0.2247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1781	1.8937	1.3778	2.9400e-003		0.0835	0.0835		0.0768	0.0768	0.0000	258.5123	258.5123	0.0836	0.0000	260.6025
Total	0.1781	1.8937	1.3778	2.9400e-003	0.4641	0.0835	0.5476	0.2247	0.0768	0.3015	0.0000	258.5123	258.5123	0.0836	0.0000	260.6025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1200e-003	0.0889	0.0159	3.8000e-004	9.4000e-003	3.7000e-004	9.7700e-003	2.5800e-003	3.5000e-004	2.9400e-003	0.0000	35.8030	35.8030	1.0000e-003	0.0000	35.8279
Worker	0.0353	0.0238	0.2389	8.4000e-004	0.0969	5.3000e-004	0.0974	0.0257	4.9000e-004	0.0262	0.0000	76.4393	76.4393	1.6000e-003	0.0000	76.4794
Total	0.0384	0.1126	0.2547	1.2200e-003	0.1063	9.0000e-004	0.1072	0.0283	8.4000e-004	0.0292	0.0000	112.2423	112.2423	2.6000e-003	0.0000	112.3073

3.4 Month 4-7 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5823	0.0000	1.5823	0.7644	0.0000	0.7644	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7426	7.7507	5.8984	0.0147		0.3374	0.3374		0.3107	0.3107	0.0000	1,289.4950	1,289.4950	0.4135	0.0000	1,299.8319
Total	0.7426	7.7507	5.8984	0.0147	1.5823	0.3374	1.9197	0.7644	0.3107	1.0751	0.0000	1,289.4950	1,289.4950	0.4135	0.0000	1,299.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.3927	0.0702	1.6600e-003	0.0415	1.6300e-003	0.0432	0.0114	1.5600e-003	0.0130	0.0000	158.2493	158.2493	4.4000e-003	0.0000	158.3593
Worker	0.2975	0.2003	2.0117	7.1200e-003	0.8160	4.4700e-003	0.8205	0.2168	4.1100e-003	0.2209	0.0000	643.7824	643.7824	0.0135	0.0000	644.1198
Total	0.3113	0.5930	2.0819	8.7800e-003	0.8575	6.1000e-003	0.8636	0.2282	5.6700e-003	0.2339	0.0000	802.0317	802.0317	0.0179	0.0000	802.4792

3.5 Month 8-9 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1303	1.2823	1.4190	3.6400e-003		0.0569	0.0569		0.0525	0.0525	0.0000	319.6169	319.6169	0.1015	0.0000	322.1538
Total	0.1303	1.2823	1.4190	3.6400e-003		0.0569	0.0569		0.0525	0.0525	0.0000	319.6169	319.6169	0.1015	0.0000	322.1538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3199	0.0572	1.3500e-003	0.0338	1.3300e-003	0.0352	9.3000e-003	1.2700e-003	0.0106	0.0000	128.8908	128.8908	3.5900e-003	0.0000	128.9805
Worker	0.1306	0.0879	0.8829	3.1200e-003	0.3581	1.9600e-003	0.3601	0.0951	1.8000e-003	0.0969	0.0000	282.5337	282.5337	5.9200e-003	0.0000	282.6818
Total	0.1418	0.4078	0.9401	4.4700e-003	0.3919	3.2900e-003	0.3952	0.1044	3.0700e-003	0.1075	0.0000	411.4245	411.4245	9.5100e-003	0.0000	411.6623

3.6 Month 10 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0564	0.5563	0.6202	1.6100e-003		0.0244	0.0244		0.0225	0.0225	0.0000	140.9251	140.9251	0.0447	0.0000	142.0435
Total	0.0564	0.5563	0.6202	1.6100e-003		0.0244	0.0244		0.0225	0.0225	0.0000	140.9251	140.9251	0.0447	0.0000	142.0435

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9900e-003	0.1137	0.0203	4.8000e-004	0.0120	4.7000e-004	0.0125	3.3100e-003	4.5000e-004	3.7600e-003	0.0000	45.8279	45.8279	1.2700e-003	0.0000	45.8597
Worker	0.0483	0.0325	0.3268	1.1600e-003	0.1325	7.3000e-004	0.1333	0.0352	6.7000e-004	0.0359	0.0000	104.5643	104.5643	2.1900e-003	0.0000	104.6191
Total	0.0523	0.1463	0.3471	1.6400e-003	0.1446	1.2000e-003	0.1458	0.0385	1.1200e-003	0.0396	0.0000	150.3922	150.3922	3.4600e-003	0.0000	150.4788

3.7 Month 11 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0631	0.6292	0.7221	1.9400e-003		0.0260	0.0260		0.0241	0.0241	0.0000	170.3870	170.3870	0.0541	0.0000	171.7384
Total	0.0631	0.6292	0.7221	1.9400e-003		0.0260	0.0260		0.0241	0.0241	0.0000	170.3870	170.3870	0.0541	0.0000	171.7384

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2500e-003	0.0355	6.3500e-003	1.5000e-004	3.7600e-003	1.5000e-004	3.9100e-003	1.0300e-003	1.4000e-004	1.1700e-003	0.0000	14.3212	14.3212	4.0000e-004	0.0000	14.3312
Worker	0.0504	0.0339	0.3410	1.2100e-003	0.1383	7.6000e-004	0.1391	0.0367	7.0000e-004	0.0374	0.0000	109.1157	109.1157	2.2900e-003	0.0000	109.1729
Total	0.0517	0.0695	0.3473	1.3600e-003	0.1421	9.1000e-004	0.1430	0.0378	8.4000e-004	0.0386	0.0000	123.4369	123.4369	2.6900e-003	0.0000	123.5040

3.8 Month 12 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5700e-003	0.0231	0.0289	4.0000e-005		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	3.7917	3.7917	8.1000e-004	0.0000	3.8118
Total	2.5700e-003	0.0231	0.0289	4.0000e-005		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	3.7917	3.7917	8.1000e-004	0.0000	3.8118

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-003	0.0284	5.0800e-003	1.2000e-004	3.0100e-003	1.2000e-004	3.1300e-003	8.3000e-004	1.1000e-004	9.4000e-004	0.0000	11.4570	11.4570	3.2000e-004	0.0000	11.4649
Worker	0.0124	8.3500e-003	0.0839	3.0000e-004	0.0340	1.9000e-004	0.0342	9.0400e-003	1.7000e-004	9.2100e-003	0.0000	26.8413	26.8413	5.6000e-004	0.0000	26.8554
Total	0.0134	0.0368	0.0890	4.2000e-004	0.0370	3.1000e-004	0.0373	9.8700e-003	2.8000e-004	0.0102	0.0000	38.2983	38.2983	8.8000e-004	0.0000	38.3203

3.9 Month 13-14 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7400e-003	0.0426	0.0577	9.0000e-005		2.2300e-003	2.2300e-003		2.1200e-003	2.1200e-003	0.0000	7.5843	7.5843	1.6000e-003	0.0000	7.6243
Total	4.7400e-003	0.0426	0.0577	9.0000e-005		2.2300e-003	2.2300e-003		2.1200e-003	2.1200e-003	0.0000	7.5843	7.5843	1.6000e-003	0.0000	7.6243

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3700e-003	0.0342	8.6900e-003	2.3000e-004	6.0100e-003	9.0000e-005	6.1100e-003	1.6500e-003	9.0000e-005	1.7400e-003	0.0000	22.1417	22.1417	4.5000e-004	0.0000	22.1530
Worker	0.0157	0.0102	0.1042	3.9000e-004	0.0462	2.5000e-004	0.0464	0.0123	2.3000e-004	0.0125	0.0000	35.0428	35.0428	6.8000e-004	0.0000	35.0599
Total	0.0171	0.0444	0.1129	6.2000e-004	0.0522	3.4000e-004	0.0525	0.0139	3.2000e-004	0.0142	0.0000	57.1845	57.1845	1.1300e-003	0.0000	57.2129

3.10 Month 15-16 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0459					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6400e-003	0.0772	0.1056	1.6000e-004		4.1000e-003	4.1000e-003		3.9800e-003	3.9800e-003	0.0000	14.2772	14.2772	2.1400e-003	0.0000	14.3308
Total	0.0555	0.0772	0.1056	1.6000e-004		4.1000e-003	4.1000e-003		3.9800e-003	3.9800e-003	0.0000	14.2772	14.2772	2.1400e-003	0.0000	14.3308

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5400e-003	0.0385	9.7800e-003	2.6000e-004	6.7700e-003	1.0000e-004	6.8700e-003	1.8600e-003	1.0000e-004	1.9600e-003	0.0000	24.9094	24.9094	5.1000e-004	0.0000	24.9221
Worker	0.0177	0.0114	0.1172	4.4000e-004	0.0519	2.8000e-004	0.0522	0.0138	2.5000e-004	0.0141	0.0000	39.4232	39.4232	7.7000e-004	0.0000	39.4424
Total	0.0193	0.0499	0.1270	7.0000e-004	0.0587	3.8000e-004	0.0591	0.0157	3.5000e-004	0.0160	0.0000	64.3326	64.3326	1.2800e-003	0.0000	64.3645

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

4.3 Trip Type Information

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067
Unmitigated	3.7100e-003	0.0409	0.0473	2.9000e-004	0.0191	1.6000e-004	0.0192	5.1300e-003	1.5000e-004	5.2800e-003	0.0000	27.0720	27.0720	1.3900e-003	0.0000	27.1067

Land Use	Average Daily Trip Rate			Unmitigated		Mitigated	
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT	Annual VMT	Annual VMT
User Defined Industrial	13.00	0.00	0.00	49,686	49,686	49,686	49,686
Total	13.00	0.00	0.00	49,686	49,686	49,686	49,686

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.496766	0.030510	0.170483	0.111467	0.014688	0.004287	0.033704	0.127678	0.002360	0.001460	0.004966	0.001070	0.000562

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr											MT/yr				
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr											MT/yr				
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr											MT/yr				
Mitigated	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Unmitigated	5.6900e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.5900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Total	5.7000e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.5900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248
Total	5.7000e-003	1.1000e-004	0.0119	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0232	0.0232	6.0000e-005	0.0000	0.0248

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	12.0733	0.0331	8.8000e-004	13.1633
Unmitigated	12.0733	0.0331	8.8000e-004	13.1633

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	1 / 10	12.0733	0.0331	8.8000e-004	13.1633
Total		12.0733	0.0331	8.8000e-004	13.1633

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	1 / 10	12.0733	0.0331	8.8000e-004	13.1633
Total		12.0733	0.0331	8.8000e-004	13.1633

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.2585	0.0744	0.0000	3.1180
Unmitigated	1.2585	0.0744	0.0000	3.1180

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	6.2	1.2585	0.0744	0.0000	3.1180
Total		1.2585	0.0744	0.0000	3.1180

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	6.2	1.2585	0.0744	0.0000	3.1180
Total		1.2585	0.0744	0.0000	3.1180

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	66	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (50 - 75 HP)	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610
Total	2.7100e-003	8.8300e-003	9.8300e-003	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	1.2566	1.2566	1.8000e-004	0.0000	1.2610

11.0 Vegetation

Luna Valley Solar_Building - Fresno County, Annual

Luna Valley Solar_Building
Fresno County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	5.00	1000sqft	0.11	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	45
Climate Zone	3			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - no construction run
- Off-road Equipment - no construction run
- Trips and VMT - no construction run
- Vehicle Trips - building only
- Area Coating - building energy only
- Consumer Products - building energy only
- Energy Use - building electricity only
- Water And Wastewater - building only
- Solid Waste - building only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	0
tblAreaCoating	Area_EF_Nonresidential_Interior	150	0
tblAreaCoating	Area_EF_Parking	150	0
tblAreaCoating	Area_EF_Residential_Exterior	150	0
tblAreaCoating	Area_EF_Residential_Interior	150	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstructionPhase	NumDays	10.00	1.00
tblConstructionPhase	PhaseEndDate	2/14/2022	2/1/2022
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblEnergyUse	NT24NG	1.05	0.00
tblEnergyUse	T24NG	17.03	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	4.70	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	1,156,250.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
			Highest	

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	13.6583	13.6583	6.2000e-004	1.3000e-004	13.7118
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	13.6584	13.6584	6.2000e-004	1.3000e-004	13.7119

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	13.6583	13.6583	6.2000e-004	1.3000e-004	13.7118
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	13.6584	13.6584	6.2000e-004	1.3000e-004	13.7119

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2022	2/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	6.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Pool	0.496766	0.030510	0.170483	0.111467	0.014688	0.004287	0.033704	0.127678	0.002360	0.001460	0.004966	0.001070	0.000562

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	13.6583	13.6583	6.2000e-004	1.3000e-004	13.7118
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	13.6583	13.6583	6.2000e-004	1.3000e-004	13.7118
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	tons/yr										MT/yr					
Unrefrigerated Warehouse-No Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	tons/yr										MT/yr					
Unrefrigerated Warehouse-No Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No	46950	13.6583	6.2000e-004	1.3000e-004	13.7118
Total		13.6583	6.2000e-004	1.3000e-004	13.7118

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No	46950	13.6583	6.2000e-004	1.3000e-004	13.7118
Total		13.6583	6.2000e-004	1.3000e-004	13.7118

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Unmitigated	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Total	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Total	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Appendix E3

Carbon Sequestration Loss



Carbon Sequestration

Factors

Project Acres	1300 *
acres/hectare	2.471054
Mg C ha-1 yr-1	0.1 **
CO2/C ratio	3.664446
Mg = megagram = metric ton	1
C g/mole	12.01
O2 g/mole	32
CO2 g/mole	44.01

* Project Description Section 2.1, page 2-1.

** DOE, 2011, Table 1. carbon sequestration rate for poorly managed grasslands.

Uptake Factors per acre-year

c uptake (metric tons)/acre-year	0.040469
CO2 uptake (metric tons)/acre-year	0.148295

Uptake Factors per acre-year for Project

c uptake (metric tons)/acre-year	52.60913
CO2 uptake (metric tons)/acre-year	192.7833

Source	CO ₂ e
Project operation, construction, and decommissioning emissions	315.2
Project emissions with Sequestration	507.9833

Source	CO ₂ e
Net Project Emissions with Fossil Fuel Offset	-165,749
Net Emissions with Fossil Fuel Offset and Loss of Sequestration	-165,556

Appendix F

Biological Resources



Appendix F1

Biological Resources Evaluation Report



BIOLOGICAL RESOURCES EVALUATION REPORT

**Luna Valley Solar Project
Fresno County, California**



January 21, 2021

 **Clearway**
Luna Valley Solar I, LLC

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ACRONYMS/ABBREVIATIONS

BIOS	Biogeographic and Information Observation System
BSA	biological study area
BUOW	burrowing owl
CDFW	California Department of Fish and Wildlife
CESA	California Endangered Species Act
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
ECA	Essential Connectivity Area
ESA	federal Endangered Species Act
GIS	Geographic Information System
GPS	Global Positioning System
IPaC	Information, Planning, and Conservation
NLB	Natural Landscape Block
Project	Luna Valley Solar Project
Project proponent	Luna Valley Solar I, LLC
Tetra Tech	Tetra Tech, Inc.
U.S.	United States
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey

1.0 INTRODUCTION

Tetra Tech, Inc. (Tetra Tech) prepared this biological resources evaluation report for the proposed Luna Valley Solar Project (Project). Luna Valley Solar I, LLC (Project proponent) proposes to develop approximately 1,300 acres of land (Project site) located in the unincorporated community of Levis, Fresno County, California, for the development of a solar energy facility.

A literature review and biological field surveys of the Project site and a 150-meter buffer zone were performed. Together, the Project site and the 150-meter buffer zone are the biological study area (BSA). Biologists visited the BSA in 2020 and 2021 and conducted the following surveys:

- General site assessment and vegetation community mapping.
- General plant surveys.
- General wildlife surveys.
- Protocol burrowing owl (BUOW) habitat assessment and burrow survey.
- Protocol breeding season and winter season BUOW surveys.
- Raptor habitat assessment.
- San Joaquin kit fox habitat assessment.
- Jurisdictional wetlands/waters of the United States (U.S.).

The purpose of this biological resources evaluation report is to:

- Summarize existing conditions.
- Describe biological field survey methods and results.
- Assess the potential presence of special-status biological resources.

Results of the BUOW habitat assessment and burrow survey and jurisdictional delineation are provided in separate reports.

1.1 PROJECT SITE LOCATION, ECOREGION, AND SETTING

1.1.1 Project Site Location

The Project site is located on approximately 1,300 acres of privately-owned, undeveloped, agricultural land owned by the Westlands Water District. The property is in the rural, unincorporated community of Levis, Fresno County, California (Figure 1). Levis is in the western section of Fresno County and within the westside valley area geographic region of the county. Levis is also located in Central California, within the Great Valley, also called the Central Valley (Figure 2). From the Project site, the nearest community is Tranquillity, a Census-Designated Place, approximately 9 miles to the northeast. The cities of Mendota and San Joaquin are approximately 10 miles north and east of Project area, respectively. The City of Fresno, the largest city in the county, is located approximately 35 miles northeast of the Project site. The Project property is made up of 16 contiguous parcels with the following Assessor's Parcel Numbers: 028-060-34, 028-060-69, 028-060-70, 028-060-71, 028-060-72, 028-101-15, 028-101-17, 028-101-19, 028-101-29, 028-101-58, 028-101-59, 028-101-65, 028-101-69, 028-101-72, 028-101-74, and 028-101-77.



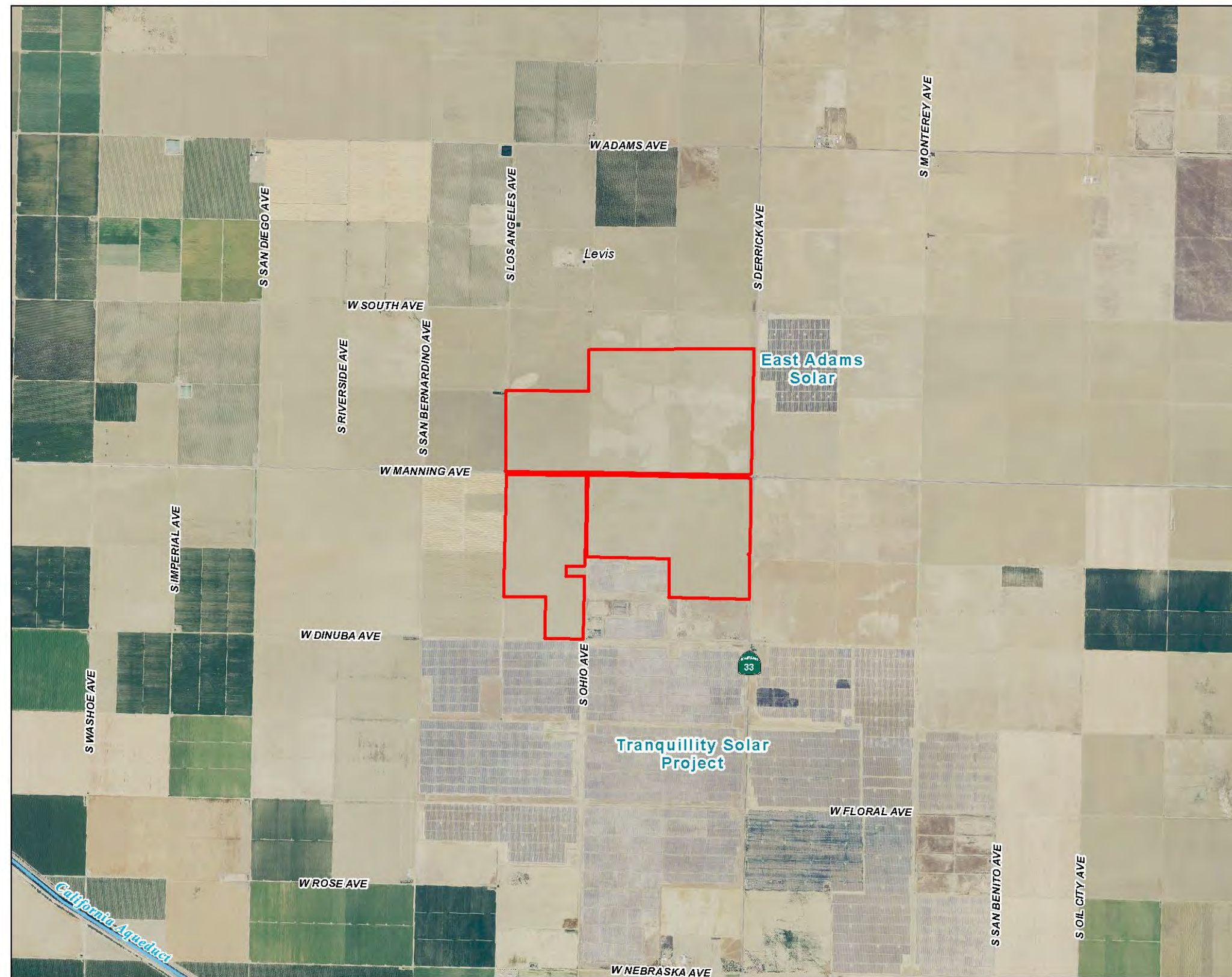
Luna Valley Solar Project
Fresno County, CA
Figure 1: Regional Overview



- Project Site
- County Boundary



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Luna Valley Solar Project
Fresno County, CA
Figure 2: Project Vicinity



- Project Site
- Hydrology**
- Major River or Creek

0 0.5 1 Miles
Scale is 1:36,000 when printed at 11"x17"
NOT FOR CONSTRUCTION

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The Project site is in the United States Geological Survey (USGS) Levis 7.5-Minute Topographic Quadrangle Map, within Township 15S, Range 14E, Sections 23, 24, 25, and 26, Mt. Diablo Principle Meridian (Figure 3).

A paved road, W. Manning Avenue, cuts through the approximate middle of the Project site from east to west; State Route 33 (S. Derrick Avenue) borders the eastern portion of the Project site; S. Ohio Avenue, an unpaved road, cuts through the general middle of the Project site from north to south; and W. Dinuba Avenue, an unpaved road, borders the southernmost section of the Project site (Figure 4).

There are no access limitations to the Project site and one can reach the site from W. Manning Avenue, State Route 33 (S. Derrick Avenue), S. Ohio Avenue, W. Dinuba Avenue, and interior unpaved access roads. Most roadways in the Project vicinity are unimproved or paved without curb or sidewalk improvements. Interstate 5, located south and west of the Project site, is the only major transportation route near the site. W. Manning Avenue and State Route 33 can both be accessed by Interstate 5. The California Aqueduct generally parallels Interstate 5 and is also located south and west of the site. Both W. Manning Avenue and State Route 33 have bridges that cross over the aqueduct.

1.1.2 Ecoregion

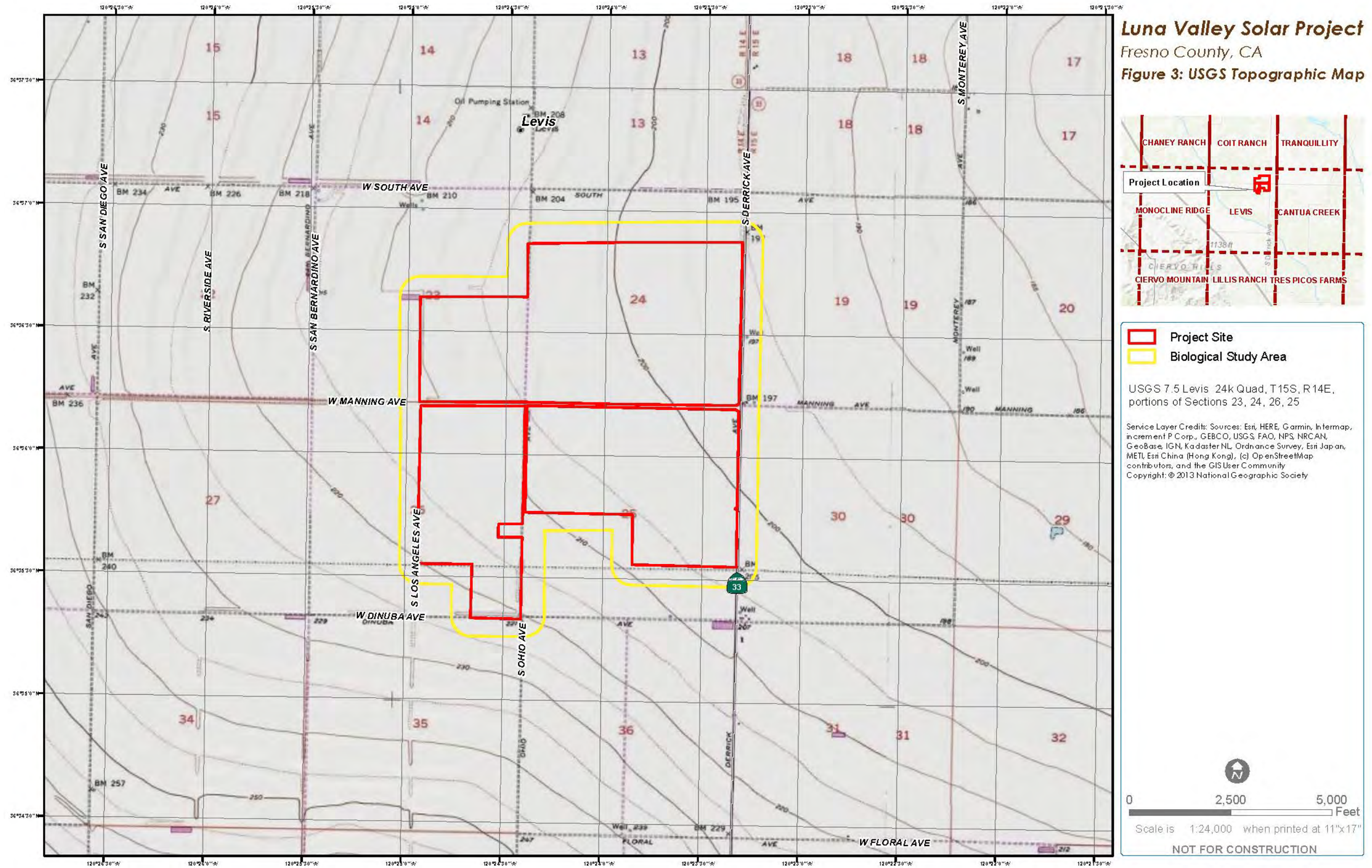
California can be divided up into 11 Geomorphic Provinces. The Project site is located within the Great Valley Geomorphic Province, which is a broad, flat, alluvial plain about 50 miles wide and 400 miles long in the central part of California between the Sierra Nevada in the east and the Coast Ranges in the west. The Central Valley is composed of two valleys: 1) the northern and smaller valley, known as the Sacramento Valley, which is drained by the Sacramento River; and 2) the southern and larger valley, known as the San Joaquin Valley, which is drained by the San Joaquin River (California Department of Conservation, California Geological Survey 2002). The Project site is located within the San Joaquin Valley subregion of the Great Valley (Jepson Flora Project [eds.] 2020).

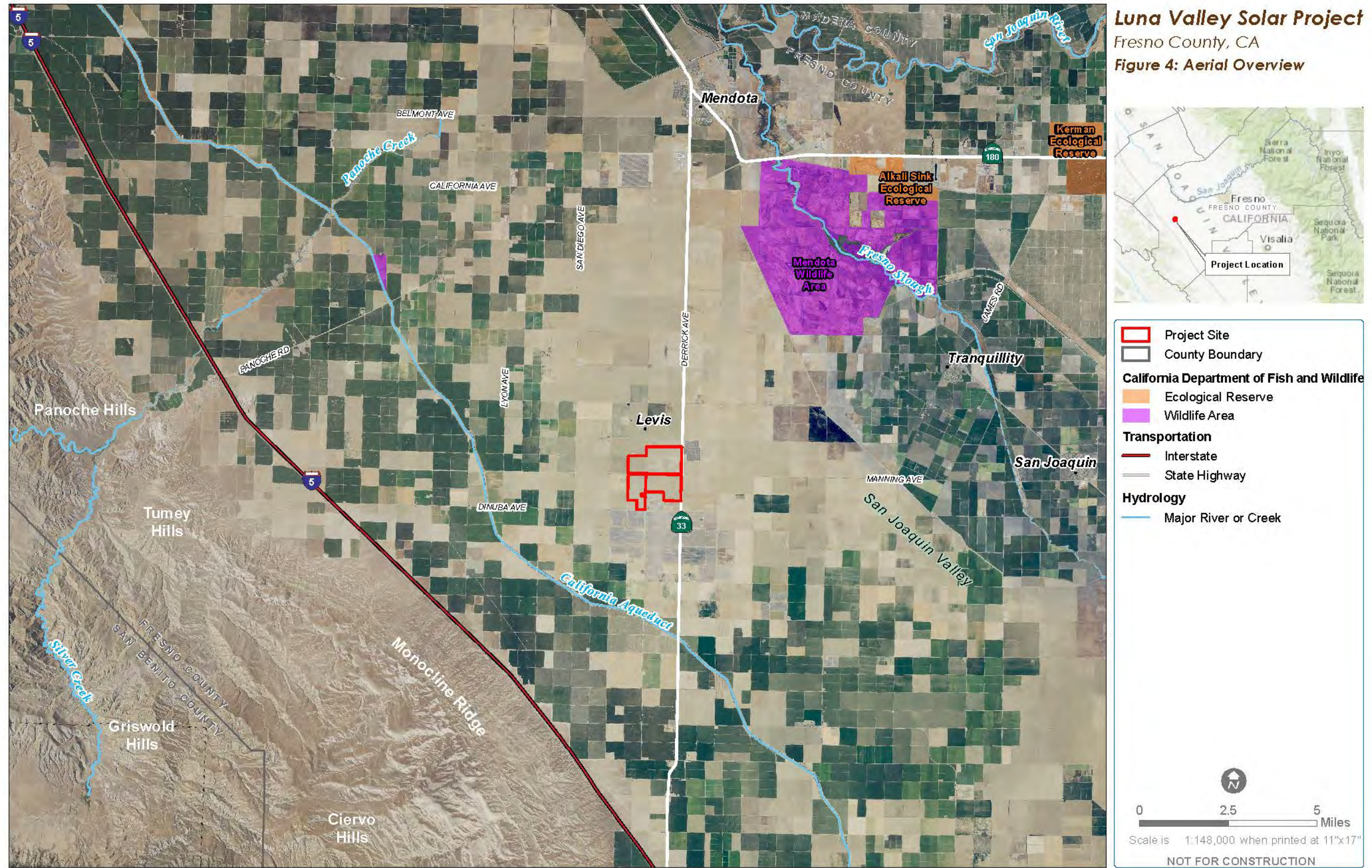
Regionally, the inner Central Coast Ranges are located approximately 12 miles west of the Project site. Within those ranges, the Tumey Hills is located west; the Ciervo Hills is located southwest; and the Panoche Hills are located northwest of the Project site.

The California Department of Fish and Wildlife (CDFW) Mendota Wildlife Area is located approximately 4.5 miles northeast of the Project site. This Wildlife Area is approximately 11,800 acres consisting of flatlands and floodplain (CDFW 2020a). Major representative plant communities and habitat types are seasonally flooded freshwater emergent wetland, valley foothill riparian and, to a lesser extent, alkali sink scrub (CDFW 2020a). A variety of migratory waterfowl, pheasants, and several special-status plants and animals occur at this site (CDFW 2020a).

Next to the Mendota Wildlife Area is CDFW's Alkali Sink Ecological Reserve which is located approximately 9 miles northeast of the Project site. The 930-acre Ecological Reserve includes alkali sink scrub and annual grassland habitats (CDFW 2020a). Migratory birds, particularly sandhill cranes, make seasonal use of the ground for foraging and resting (CDFW 2020a). Wintering waterfowl utilize the flooded vernal pools, and some limited waterfowl nesting may take place on the annual grasslands (CDFW 2020a).

Next to the Alkali Sink Ecological Reserve is CDFW's Kerman Ecological Reserve which is located approximately 13 miles northeast of the Project site. The principal habitat type of this 1,800-acre Ecological Reserve is annual grassland, though northern claypan vernal pool and alkali desert scrub habitats also occur on this site (CDFW 2020a). Animal species known or suspected to occur at the reserve include waterfowl, shorebirds, raptors, lizards, snakes, hare, coyote, badger, and ground squirrel (CDFW 2020a).





2.0 PROJECT DESCRIPTION

The Project consists of constructing and operating a photovoltaic solar electricity generating facility and energy storage system and associated infrastructure that would produce up to 200 megawatts of alternating current energy at the point of electrical grid interconnection on approximately 1,300 acres of privately-owned agricultural land. The Project would include the construction of:

- Solar arrays.
- Electrical substation and electrical interconnection facilities.
- Energy storage system.
- Operation and maintenance building.
- Septic system and leach field.
- Supervisory control and data acquisition system.
- Meteorological data system.
- Buried conduit for electrical wires.
- Overhead collector lines.
- On-site access roads and security fencing.

Construction is tentatively scheduled to begin in 2022 (start date is still to be determined) and last approximately 16 months. Project construction would occur between 6:00 a.m. and 9:00 p.m., Monday through Friday, in compliance with the County's Code. A variety of equipment is planned for use during the 16-month construction phase including: skid steers, water trucks, welder, pickup trucks, bulldozers, front end loaders, graders, roller compactors, trenchers, forklifts, pile drivers, backhoes, crane, and aerial lifts. The average number of on-site personnel is anticipated to be approximately 200, with a peak in both personnel and equipment use during month seven of construction. Construction will consist of site preparation, grading, preparing staging areas and on-site access routes, and assembling the trackers and constructing electrical interconnection facilities. Because the site is already mostly flat, grading would be minimal. The facility would begin operation in 2023.

3.0 LITERATURE REVIEW

This section describes the study methods (literature review) used for evaluating the biological resources within the BSA and Project vicinity. Biologists reviewed relevant literature, databases, Geographic Information System (GIS) data, and aerial imagery. This information was summarized in the *Biological Resources Study Work Plan* for the Luna Valley Solar Project and submitted to CDFW and U.S. Fish and Wildlife Service (USFWS) for review (Tetra Tech 2020).

3.1 TOPOGRAPHY

The USGS 7.5-Minute Topographic Map *Levis* Quadrangle, aerial imagery (Google Earth®), historic imagery (Google Earth® and Historic Aerials by Netronline [Netronline 2020]), and interactive maps were reviewed. Topography describes the physical features of an area of land. The topographic features looked at include natural landforms, aquatic features, developed lands, agricultural lands, undeveloped lands, and terrain.

The Project site has historically been used for dry-farmed (non-irrigated) agriculture (low-yield production of winter wheat, alfalfa, oats) and has been used for this purpose for the last 10 years. Agricultural land in the Project area has been documented to contain relatively high levels of selenium and a water table that does not provide enough drainage for commercially irrigated crops. During dry years with insufficient rainfall for crop production, Project parcels were fallow, or the land was grazed as rangeland grasses. Currently, some portions of the Project area lie fallow while most of the area is used for dryland farming to grow livestock fodder such as alfalfa.

Natural landforms are natural physical features on the surface of the land, such as mountains, hills, and canyons. Natural landforms are absent from the Project site. The Project site land is flat and is entirely developed for agriculture. The elevational range of the Project site is 185–215 feet above mean sea level.

3.2 SENSITIVE NATURAL COMMUNITIES

CDFW's California Natural Diversity Database (CNDDDB; CDFW 2020b) was used to identify sensitive natural communities that may exist within the USGS *Levis* Quadrangle and within the eight surrounding USGS Quadrangles: *Chaney Ranch*, *Coit Ranch*, *Tranquillity*, *Cantua Creek*, *Tres Picos Farms*, *Lillis Ranch*, *Ciervo Mtn.*, and *Monocline Ridge*. The CNDDDB search determined that three sensitive communities are known to occur within the search area but not within or adjacent to the Project site:

- Coastal and valley freshwater marsh.
- Monvero residual dunes.
- Valley sink scrub.

Since the site has been used for agriculture for the last 10 years and these sensitive communities have not been documented within over 8 miles from the site, it is very unlikely that they would occur at the site. In addition, these sensitive communities were not observed during the biological field survey.

3.3 SPECIAL-STATUS PLANT AND WILDLIFE SPECIES

Plant and wildlife species protected by federal agencies, state agencies, and local conservation agencies and organizations, such as the California Native Plant Society (CNPS), are collectively referred to as “special-status species” in this report. The methods described below were used to research and derive a comprehensive Project-specific list of special-status plants and wildlife that may be observed during the field surveys. The following databases were reviewed for potential plant and wildlife species that may occur within the Project site:

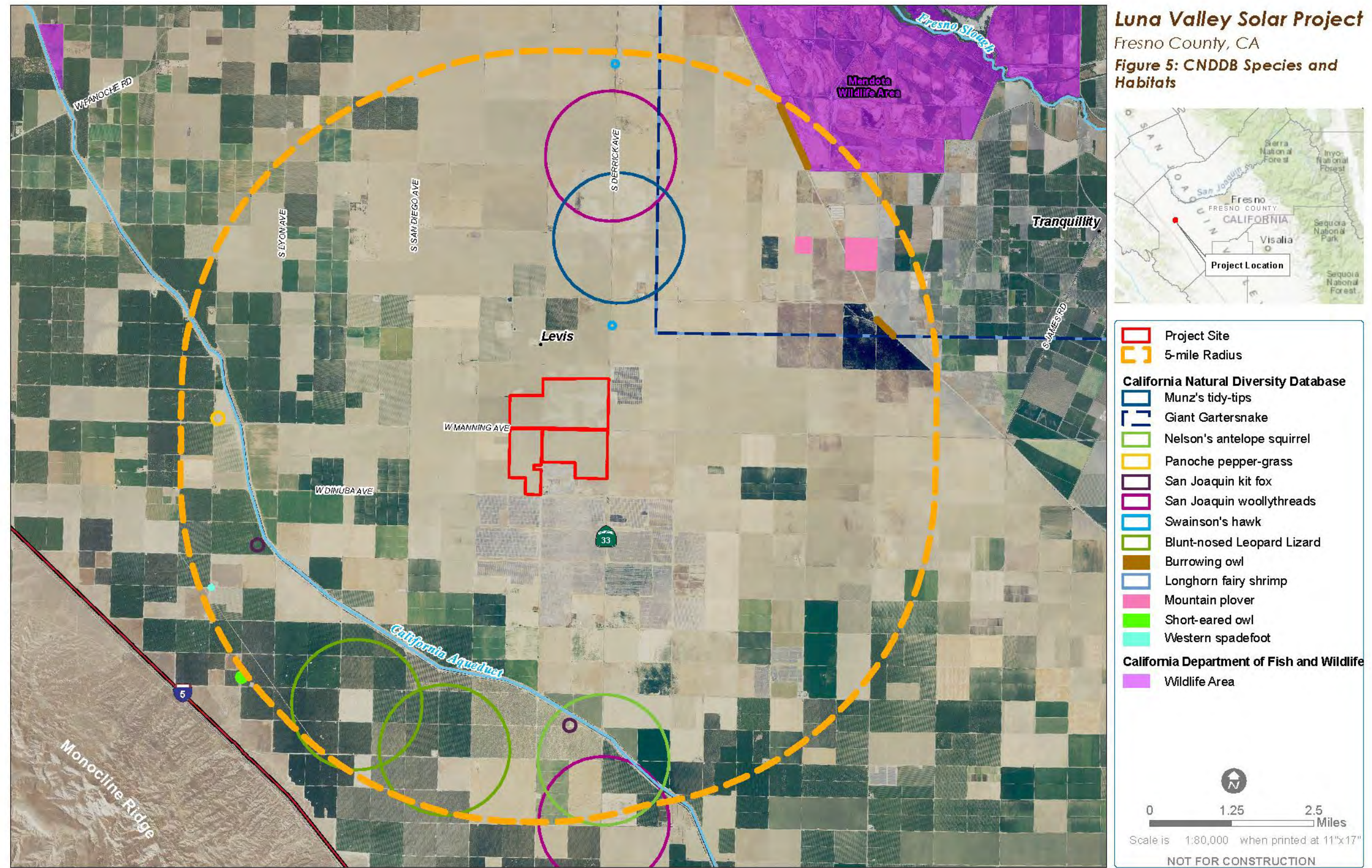
- CDFW's CNDDDB RareFind 5 online database (CDFW 2020b) was used to identify special-status plant and wildlife species that have previously been observed within the USGS *Levis* Quadrangle and within the eight surrounding USGS Quadrangles: *Chaney Ranch*, *Coit Ranch*, *Tranquillity*, *Cantua Creek*, *Tres Picos Farms*, *Lillis Ranch*, *Ciervo Mtn.*, and *Monocline Ridge* (Figure 5).
- The USFWS Information, Planning, and Conservation (IPaC) system (USFWS 2020a) was used to identify federal threatened and endangered plant and wildlife species, critical habitats, and other natural resources of concern that may exist within the Project site.
- CNPS' online *Inventory of Rare and Endangered Plants of California*, 8th Edition (CNPS 2020) was used to identify special-status plants that may exist within the USGS *Levis* Quadrangle and within the eight surrounding USGS Quadrangles: *Chaney Ranch*, *Coit Ranch*, *Tranquillity*, *Cantua Creek*, *Tres Picos Farms*, *Lillis Ranch*, *Ciervo Mtn.*, and *Monocline Ridge*.

The list of potential species that could occur in the Project area was refined based on the known land use and habitats in the Project site. The Project site is highly disturbed and consists almost entirely of active dry-farming agricultural areas under production for winter wheat. Therefore, species requiring strictly dune, marsh and swamp, wetland, scrub, aquatic, marine, chaparral, woodland and forest, vernal pools, and/or riparian habitats have been eliminated from potential occurrence at the site based on lack of habitat. In addition, because the site consists entirely of disturbed habitat, special-status plant species were not anticipated to occur.

Special-status species with the potential to occur on the Project site were provided in the *Biological Resources Study Work Plan* (Tetra Tech 2020). The potential to occur for each species has been reviewed and updated based on the results of the field surveys and is provided in the special-status species results section of this report.

3.4 CRITICAL HABITATS

The USFWS' Critical Habitat Portal (USFWS 2020b) was reviewed to identify federal threatened and endangered species designated final and proposed Critical Habitat within the Project site and Project vicinity. The literature review determined that the BSA is not located within designated or proposed Critical Habitat for listed plant or wildlife species. The nearest Critical Habitat is for the Fresno kangaroo rat (*Dipodomys nitratooides exilis*), which is approximately 10 miles northeast of the Project site.



3.5 WILDLIFE MOVEMENT

CDFW's Biogeographic and Information Observation System (BIOS) Habitat Connectivity Viewer (CDFW 2020c) was used to review the Essential Connectivity Map and to search for Natural Landscape Blocks (NLBs) and Essential Connectivity Areas (ECAs) within the Project site and Project vicinity. The California Essential Connectivity Map depicts large, relatively natural habitat blocks that support native biodiversity (NLBs) and areas essential for ecological connectivity between them (ECAs). The literature review determined that the BSA is not located within a CDFW designated ECA or an NLB.

An evaluation of potential wildlife movement within the BSA and Project vicinity was also conducted by examining aerial imagery and maps. Finally, the literature review also included maps and reports on wildlife home ranges and migration and dispersal patterns (California Department of Fish and Game 1988a, 1988b, 1988c). The literature review determined that the BSA does not contain or function as a wildlife movement corridor for the reasons listed below. The Project site:

- Is completely developed with agriculture and is within an area that is heavily influenced by agriculture, which limits opportunities for habitat continuity and wildlife movement. The lack of open natural habitat in the surrounding areas significantly limits the movement of wildlife across the Project site and region.
- Does not contain wildlife travel routes, such as a riparian strip, ridgeline, drainage, or waterway; or wildlife crossings, such as a tunnel, large culvert, or underpass that would connect open space areas.
- Does not provide connectivity between large areas of open space on a local or regional scale.
- Does not contain suitable cover, food, or water to adequately support wildlife species and enable movement through the Project site and region.

Therefore, surveys were not conducted to evaluate wildlife movement at the Project site.

4.0 FIELD SURVEY METHODS

Surveys were conducted during daylight hours and not during abnormal or excessive cold, heat, wind, rain, or other inclement weather. Surveys were conducted on foot and by vehicles. The 150-meter buffer around the Project site was surveyed using binoculars, due to access limitations. Observations were also made with aerial imagery for inaccessible areas.

Biologists used pertinent regional flora/fauna field guides and aerial maps during the field surveys. In addition, Eos Arrow 100 sub-meter Global Positioning System (GPS) units, tablets loaded with the ArcGIS Collector application, and aerial maps were used to collect locational data and record relevant attributes of features or species encountered. Photographs that were taken during the field surveys are provided in Appendix A. Data collected during the site visits was recorded in field notebooks, in ArcGIS Collector, on data forms, and on aerial photographs.

4.1 GENERAL BIOLOGICAL SURVEY

Biologists characterized the existing land cover and surveyed for the presence of sensitive plant communities within the BSA (the Project site and 150-meter buffer). Vegetation communities within the BSA were mapped on a tablet in accordance with the *Manual of California Vegetation, Second Edition* (Sawyer et al. 2009). Vegetation was mapped to the alliance level, which is defined by plant species composition and identified by the most dominant tree, shrub, or herb in the vegetation community. Given the disturbed nature of the Project site, and dominance by primarily non-native plant species, a best attempt to categorize vegetation communities according to Sawyer et al. was made. However, in the case that membership rules/community definitions were not met, new alliances were named according to a best fit for the dominant species observed, aligned to the *Manual of California Vegetation, Second Edition* structure.

During the general biological survey, biologists surveyed the BSA for common plants and for the presence of special-status plant species and their habitats. Identified plants were recorded in field notes. Plant species were identified in the field and in the office. Special-status plant species numbers were estimated (for large populations) and population boundaries were mapped with a tablet and synced sub-meter receiver.

Similarly, biologists surveyed the BSA for common wildlife and for the presence of special-status wildlife species and their habitats. Biologists also surveyed for signs of wildlife, including animal tracks, burrows, dens, nests, nest sites, scat, or remains. Wildlife signs and wildlife species encountered visually or audibly during the field surveys were identified and recorded in field notes. Special-status wildlife species were mapped with a tablet and synced sub-meter receiver.

The general biological survey was combined with the protocol BUOW habitat assessment and burrow survey. During this survey, 100 percent visual coverage of the ground surface was performed by three surveyors walking no more than 30 meters apart.

4.2 RAPTOR HABITAT ASSESSMENT

Biologists assessed the BSA and a 1-mile buffer around the Project by vehicle for suitable raptor habitat. The survey was conducted between sunrise to 12:00 p.m. or 4:30 p.m. to sunset in accordance with the *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley* (Swainson's Hawk Technical Advisory Committee 2000). Biologists used binoculars to survey potential trees and other features (e.g., power poles) that could be used for raptor nesting. Visual surveys for nests and perched raptors were performed. Notes were recorded on any raptor observations (e.g., species, number of individuals observed, behavior), and any active raptor nests were mapped. Swainson's

hawk (*Buteo swainsoni*) nests previously recorded within the 1-mile buffer around the Project in 2011 for the Tranquillity Solar Project were checked during the survey. For all Swainson’s hawk nests that were found, nest checks were conducted concurrently with the protocol BUOW breeding season surveys to record nesting data (e.g., nest status, number Swainson’s hawks observed, behavior, and evidence of chicks or fledglings).

4.3 SAN JOAQUIN KIT FOX HABITAT ASSESSMENT

During the general biological survey, biologists also evaluated the BSA for potential San Joaquin kit fox habitat. Given that all vegetated areas of the Project site had previously been disked/tilled, it is unlikely that the site would be occupied by San Joaquin kit fox; therefore, protocol surveys were not performed. During the BUOW burrow survey that required 100 percent visual coverage of the ground surface, biologists also surveyed for and mapped potential kit fox dens.

4.4 FIELD SURVEYS CONDUCTED

Table 1 lists the field surveys that were conducted in 2020.

Table 1. Field Surveys Conducted

Field Surveys Conducted	Dates	Notes
General biological survey	May 4-8, 2020	Conducted concurrently with the BUOW habitat assessment and burrow survey and San Joaquin kit fox habitat assessment.
Protocol BUOW habitat assessment & burrow survey*	May 4-8, 2020	Conducted concurrently with the general biological survey.
Protocol breeding season BUOW surveys*	May 9, 2020; June 11, 2020; July 10, 2020	None.
Protocol winter season BUOW surveys*	January 4-5, 2021	None.
Raptor habitat assessment	April 16-17, 2020	None.
Swainson’s hawk nest checks	May 9, 2020; June 11, 2020; July 10, 2020	Additional checks of active Swainson’s hawk nests were conducted.
San Joaquin kit fox habitat assessment	May 4-8, 2020	Conducted concurrently with the general biological survey.
Jurisdictional delineation*	May 8-9, 2020	Focused delineation at potential jurisdictional areas identified during the general biological survey.

Note: *Results of the BUOW surveys and Jurisdictional Delineation are provided in separate reports.

5.0 RESULTS

5.1 VEGETATION COMMUNITIES

Vegetation communities within the BSA were mapped during the survey (Figure 6). No CDFW sensitive natural communities were found. All vegetated areas of the Project site had previously been disked/tilled. Table 2 summarizes the five vegetation communities observed and their corresponding acreage; acreage includes the Project site and 150-meter buffer (i.e., the BSA). Descriptions of the communities are provided below.

Table 2: Vegetation Communities

Vegetation Communities	Acres within BSA
<i>Hordeum murinum</i> – <i>Sisymbrium irio</i> Herbaceous Semi-Natural Alliance	1,067.2
<i>Hirschfeldia incana</i> – <i>Salsola</i> sp. Herbaceous Semi-Natural Alliance	571.3
Developed	55.9
Cultivated Pistachio	40.6
<i>Atriplex coronata</i> var. <i>coronata</i> - <i>Stellaria media</i> Herbaceous Semi-Natural Alliance	20.4
Total	1,755.4*

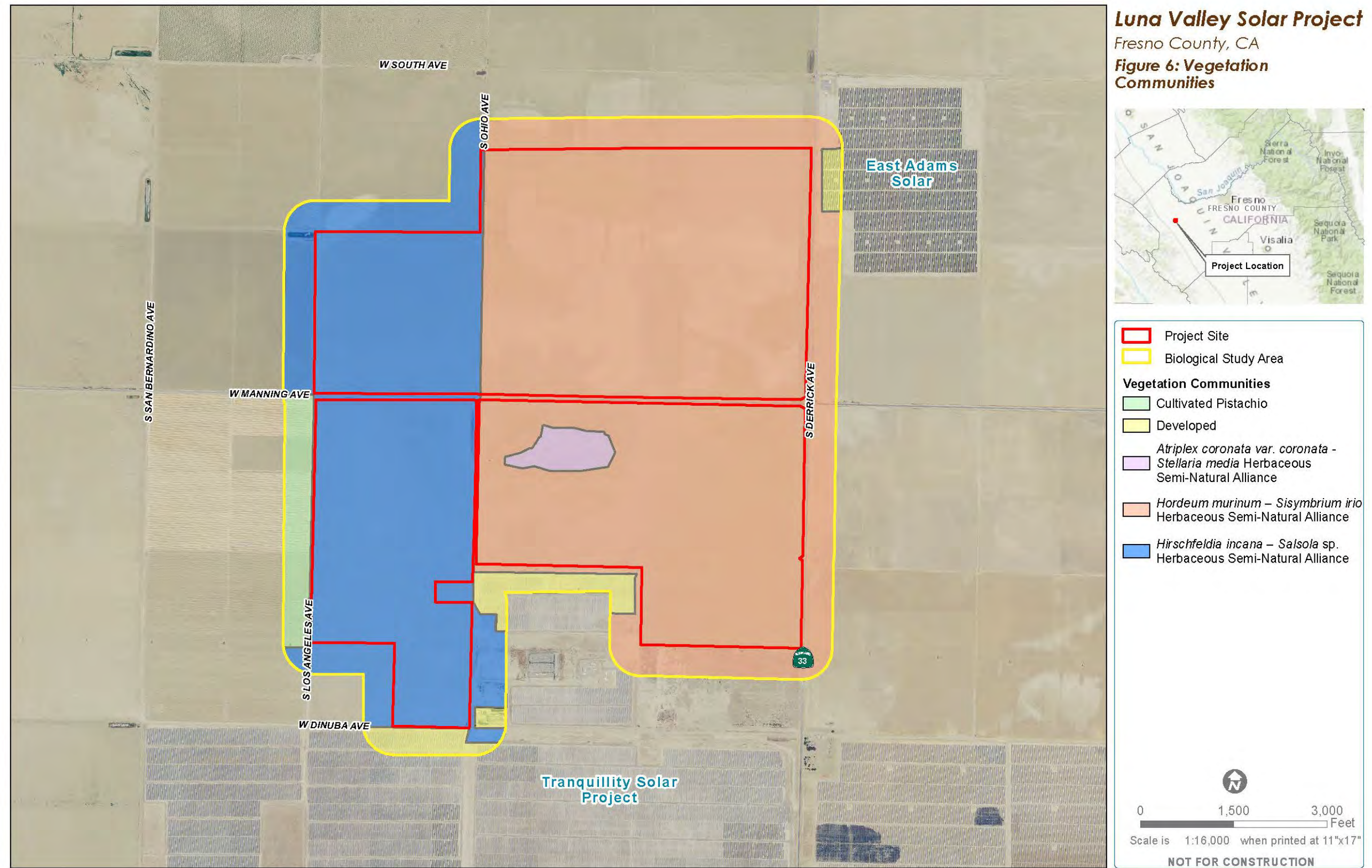
Note: Total acres include the Project site and 150-meter buffer.

Over 60 percent of the BSA consisted of non-native grasslands in the *Hordeum murinum* – *Sisymbrium irio* Herbaceous Semi-Natural Alliance. This alliance is considered a semi-natural alliance, which is defined as a vegetation community dominated by non-native plants that are naturalized (i.e., growing in the wild and reproducing) in California. The remainder of the BSA consisted predominantly of areas with high cover of bare ground and low cover of forbs in the *Hirschfeldia incana* – *Salsola* sp. Herbaceous Semi-Natural Alliance. Developed areas, recently planted rows of cultivated pistachio, and one small area dominated by native and non-native forbs in the *Atriplex coronata* var. *coronata* - *Stellaria media* Herbaceous Semi-Natural Alliance were also found.

No mature trees were found within the Project site. One willow tree (*Salix* sp.) was found on the southwest boundary of the site and one saltcedar tree (*Tamarisk ramosissima*) was found on the northeast boundary. Two isolated trees and a small area with approximately eight trees were found within the 1-mile site buffer to the south. In addition, north (outside) of the 1-mile site buffer, two small areas with saltcedar trees were found, one with approximately six trees, and one with approximately ten trees.

***Hordeum murinum* – *Sisymbrium irio* Herbaceous Semi-Natural Alliance.** This community was the most common throughout the site and contained the following dominant plant species: non-native wall barley (*Hordeum murinum*), non-native London rocket (*Sisymbrium irio*), and non-native shortpod mustard (*Hirschfeldia incana*). Cover of vegetation varied from dense herbs and no visible bare ground, to large patches of bare ground and sparse vegetation.

***Hirschfeldia incana* – *Salsola* sp. Herbaceous Semi-Natural Alliance.** This community occurred primarily on the western portion of the site and consisted of the following dominant plant species: non-native shortpod mustard and non-native Russian thistle (*Salsola* sp.). Large patches of bare ground occurred in this community and the area appeared to have been recently disked/tilled. Other native and non-native forbs were present, but with lower coverage than shortpod mustard and Russian thistle.



***Atriplex coronata* var. *coronata* - *Stellaria media* Herbaceous Semi-Natural Alliance.** This community was found in the central portion of the site and contained the following dominant plant species: crownscale (*Atriplex coronata* var. *coronata*) and common chickweed (*Stellaria media*). Other native and non-native plants were present, such as native big saltbush (*Atriplex lentiformis*) that was stunted, but with lower coverage than crownscale and common chickweed. The variety of crownscale observed is a CNPS Rank 4.2 species and is discussed in the section below.

Cultivated Pistachio. This community occurred only on the western end of the 150-meter buffer and contained immature planted pistachio trees.

Developed. These areas only occurred in the 150-meter buffer and contained solar panels and fencing associated with the adjacent Tranquillity Solar Project and East Adams Solar Project.

5.2 SPECIAL-STATUS SPECIES

Special-status plant and wildlife species and habitats that could support these species were recorded within the BSA. Conclusions and recommendations for these species are discussed in Section 6 of this report. One rare annual forb, crownscale (CNPS Rank 4.2), was positively identified during the survey. This species is known to occur in alkaline, often clay soils, in chenopod scrub, valley and foothill grassland, and vernal pool habitats. CNPS Rank 4 is the watch list, indicating that the species is of limited distribution or infrequent throughout a broad area in California; CNPS Threat Rank 0.2 indicates that the species is moderately threatened in the state (20 to 80 percent of occurrences threatened). This species was dominant in the *Atriplex coronata* var. *coronata* - *Stellaria media* Herbaceous Semi-Natural Alliance vegetation community (20.4 acres; Figure 6) but was not found elsewhere within the BSA. The population of crownscale in this area was estimated at over 5,000 individuals.

It was determined that the Project site is in the known distributional range of the BUOW and the entire site contains potentially suitable BUOW habitat due to low-growing vegetation and agricultural use. The closest BUOW occurrence from CNDDB is 5 miles away from the Project site. BUOW is a CDFW Species of Special Concern. BUOWs breed and live in burrows and use coastal prairie, coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean Desert scrub, Sonoran Desert scrub, and valley and foothill grassland habitats as well as agricultural areas or any open dry area with low vegetation. No small mammal burrows dug in soil that would be considered suitable for BUOW were documented within the BSA. A total of 15 potentially suitable burrow surrogates (i.e., man-made structures) were found on the boundary of the Project site and within the BSA, which included 10 culvert locations, four individual pipes, and one pile of pipes. Potential sign in the form of whitewash was observed at three locations but could be from any bird species utilizing the site. During the winter seasons surveys, biologists revisited the potential suitable burrow surrogates. During this survey, cast pellets were observed at two pipes. Cast pellets were observed on the ground and were not near raptor perches. This indicates that they were likely from BUOW. All potential burrow surrogates occurred adjacent to existing roads on the boundary of the site and within the BSA. BUOWs were not detected during the protocol breeding season surveys. Although no BUOWs were also observed during winter season surveys, the presence of cast pellets indicate that owls are likely to be using the site. Results of the BUOW surveys are detailed in the BUOW survey report.

Special-status wildlife species found during the survey are shown in Figure 7. The Swainson's hawk is listed as Threatened in California and is known to occur in Great Basin grassland, riparian forest, riparian woodland, and valley and foothill grassland habitats. This species nests in California in trees and on made-made structures such as power poles between March 1 and September 15. Two adult Swainson's hawks were observed perched on two nearby power poles on the eastern boundary of the Project site on multiple survey days in May and June (Figure 7). Three active Swainson's hawk nests with numerous individuals present near the nests were also found within 1-mile of the Project site, one of which was in a willow tree

approximately 80 feet outside the Project boundary (Figure 8). Details on these nests are provided in Section 5.4 of this report.

The California horned lark (*Eremophila alpestris actia*) is a CDFW Watch List species and is known to occur in short-grass prairie, mountain meadow, open coastal plain, fallow grain field, and alkali flat habitats. This species nests on the ground and uses areas cleared by humans such as agricultural fields for nesting and foraging. One active horned lark nest with four eggs was observed on the ground within the Project site (Figure 7).

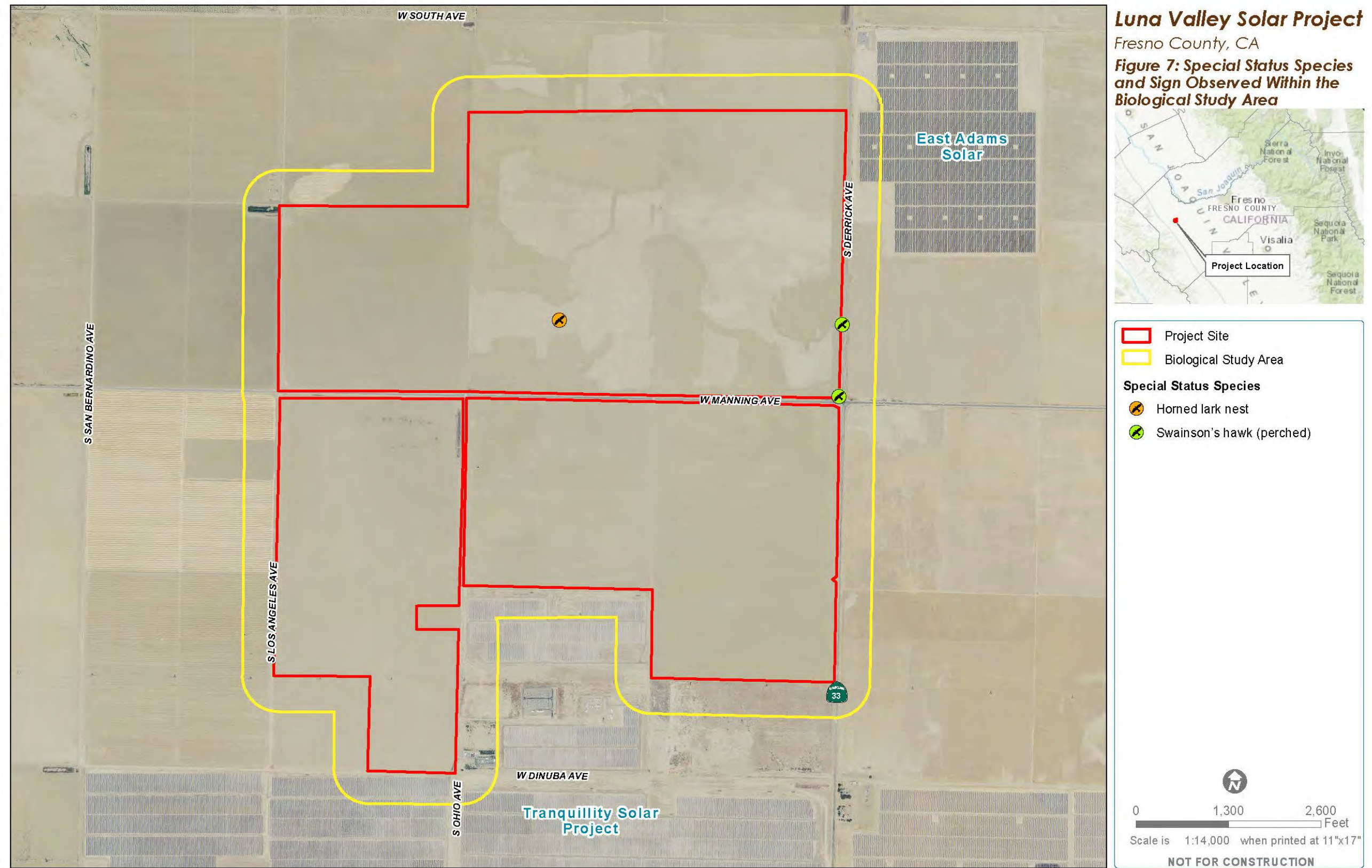
The northern harrier (*Circus hudsonius*) and loggerhead shrike (*Lanius ludovicianus*) are both CDFW Species of Special Concern. Northern harriers nest on the ground mostly within patches of dense, often tall, vegetation and use coastal scrub, Great Basin grassland, marsh and swamp, riparian scrub, valley and foothill grassland, and wetland habitats as well as weed fields and croplands. Loggerhead shrikes nest within trees and shrubs and use broadleaved upland forest, desert wash, Joshua tree woodland, Mojavean Desert scrub, piñon and juniper woodlands, riparian woodland, and Sonoran Desert scrub habitats. Transient northern harrier and loggerhead shrike were observed in the vicinity of the Project Site but no nests of these species were found.

Native birds and their nests are protected under the Federal Migratory Bird Treaty Act (MBTA). Active nests of great horned owl (*Bubo virginianus*), common raven (*Corvus corax*), and red-tailed hawk (*Buteo jamaicensis*) were found on the boundary and within 1-mile of the Project site (Figure 8). While these species are not federally or state listed, their active nests are protected under the MBTA. Details on these nests are provided in Section 5.4 of this report.

The San Joaquin kit fox is federally listed as Endangered and state listed as Threatened. No large underground holes or burrows dug in soil were found that would be considered suitable dens for this species – or for the American Badger (*Taxidea taxus*), a CDFW Species of Special Concern. Culverts and pipes found at the Project site are described above, which were located on existing roads along the boundary of the site and within the BSA. No culverts or pipes were found within the development area of the Project site. These were of sufficient size for San Joaquin kit fox and could potentially be used for denning. Two of the individual pipes were elevated over one foot above the ground, and therefore, are not considered suitable for kit fox. San Joaquin kit fox is discussed in Section 5.5 of this report. Culverts are also sometimes used by American badgers for refuge or to pass safely beneath roads.

Small mammal holes were observed on the site but were less than 2 inches in diameter and were not suitable for BUOW, San Joaquin kit fox, or American badger. No special-status species were associated with these small mammal holes.

Potential and observed special-status plant and wildlife species that may occur within the Project site based on the literature review have been reviewed and updated, based on the results of the field surveys. The potential to occur for each species has been analyzed. These species are presented in Table 3.



Luna Valley Solar Project

Fresno County, CA

Figure 7: Special Status Species and Sign Observed Within the Biological Study Area



- Project Site
- Biological Study Area
- Special Status Species**
- ⦿ Horned lark nest
- ⦿ Swainson's hawk (perched)

0 1,300 2,600
 Feet

Scale is 1:14,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

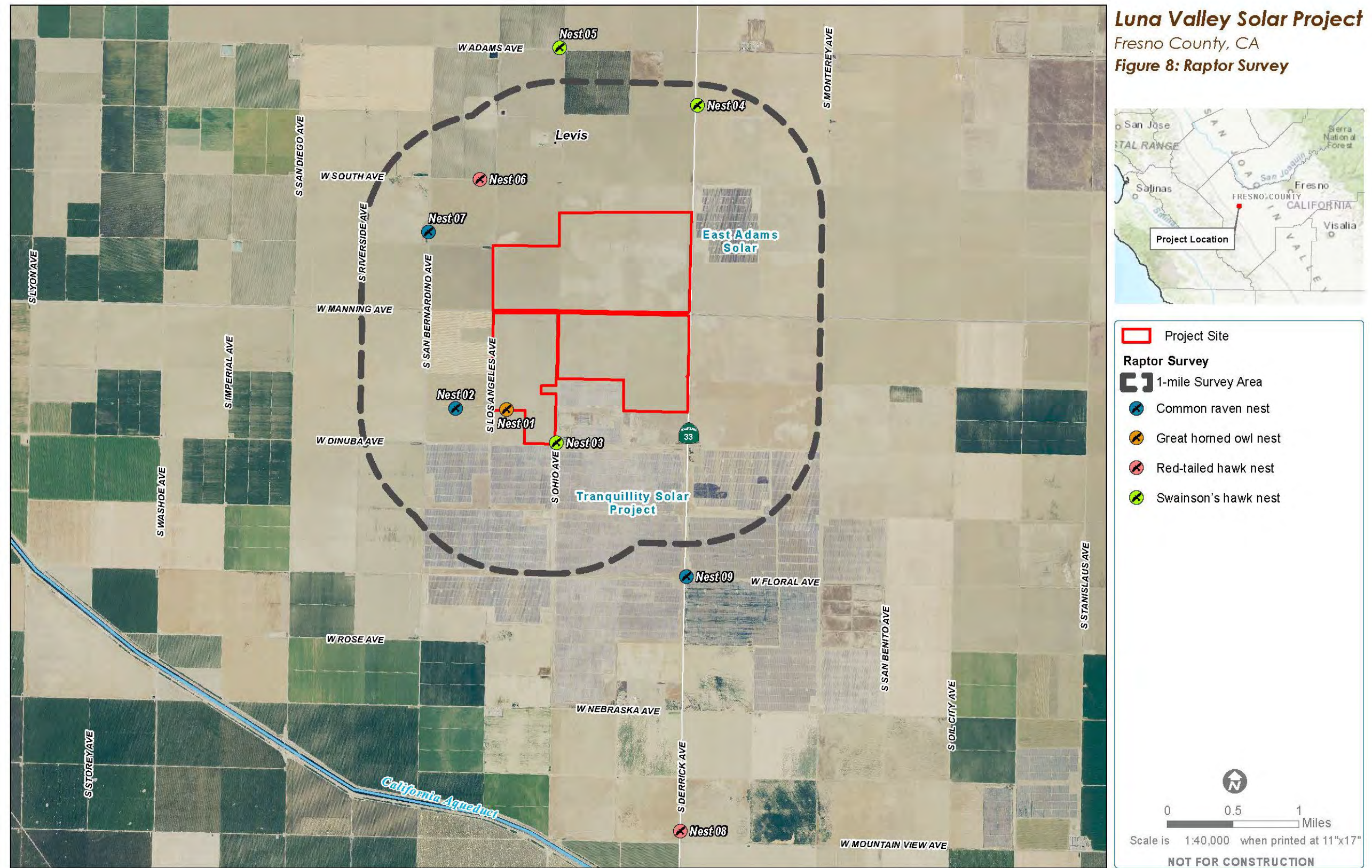


Table 3: Special-status Species with Potential to Occur on the Project Site

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Atriplex coronata</i> var. <i>coronata</i>	crownscale	None	CNPS Rank 4.2	Alkaline, often clay soils, chenopod scrub, valley and foothill grassland, vernal pools	Observed. This species was dominant in the <i>Atriplex coronata</i> var. <i>coronata</i> - <i>Stellaria media</i> Herbaceous Semi-Natural Alliance vegetation community and the population was estimated at over 5,000 individuals.
<i>Asio flammeus</i>	short-eared owl	None	SSC	Great Basin grassland, marsh and swamp, meadow and seep, valley and foothill grassland, wetland	Medium. The two closest occurrence records of short-eared owl are approximately 6 miles from the site and this species is known to use agricultural areas. This species nests on dry ground typically concealed in vegetation, occasionally in a burrow. While this species was not observed, potential nesting and foraging habitat was found within the site. Therefore, potential to occur is medium.
<i>Athene cunicularia</i>	burrowing owl	None	SSC	Coastal prairie, coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean Desert scrub, Sonoran Desert scrub, valley and foothill grassland	High. The closest occurrence record is approximately 5 miles from the site and this species is known to use agricultural areas or any open dry area with low vegetation. While this species was not observed during the protocol survey, potential burrow surrogates (culverts and pipes) were found on the site boundary along existing roads. During winter season surveys, cast pellets were observed at two pipes, indicating use by BUOW. Therefore, potential to occur is high.
<i>Buteo swainsoni</i>	Swainson's hawk	None	Threatened	Great Basin grassland, riparian forest, riparian woodland, valley and foothill grassland	Observed. The closest occurrence record of Swainson's hawk is approximately 1.5 miles from the site. This species could nest within the site (power poles and towers), nest off-site nearby (trees), and forage within the site. Three active nests of this species were found within 1-mile of the site, one of which was on the site boundary. Numerous individuals were observed in the vicinity of the site.

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Charadrius montanus</i>	mountain plover	None	SSC	Chenopod scrub, valley and foothill grassland	Medium. The closest occurrence record of mountain plover is approximately 4 miles from the site and this species is known to use agricultural areas. This species does not breed in California. While this species was not observed, potential foraging habitat was found within the site. Therefore, potential to occur is medium.
<i>Circus hudsonius</i>	northern harrier	None	SSC	Coastal scrub, Great Basin grassland, marsh and swamp, riparian scrub, valley and foothill grassland, wetland	Observed. An individual of this species was observed flying over the site but no nests were found. While this species is known to forage in weed fields and croplands that were found within the site, they nest on the ground mostly within patches of dense, often tall, vegetation in undisturbed areas. This species is unlikely to nest within or near the site.
<i>Eremophila alpestris actia</i>	California horned lark	None	WL	Short-grass prairie, mountain meadows, open coastal plains, fallow grain fields, alkali flats	Observed. The closest occurrence record of this species is approximately 6 miles from the site and this species is known to use areas cleared by humans such as agricultural fields for nesting and foraging. One active horned lark nest was found on the ground within the site.
<i>Falco columbarius</i>	merlin	None	WL	Estuary, Great Basin grassland, valley and foothill grassland	Medium. The closest occurrence record of merlin is approximately 9.5 miles from the site. This species can occur in agricultural areas. This species does not breed in California. While this species was not observed, potential foraging habitat was found within the site. Therefore, potential to occur is medium.

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Falco mexicanus</i>	prairie falcon	None	WL	Great Basin grassland, Great Basin scrub, Mojavean Desert scrub, Sonoran Desert scrub, valley and foothill grassland	Medium. The closest occurrence record of prairie falcon is approximately 6.5 miles from the site. Most nests are built on cliff faces but this species also nests in trees, on powerline structures, in caves or stone quarries, and on buildings. While this species was not observed, it could nest within the site (power poles and towers), nest off-site nearby (trees), and forage within the site. Therefore, potential to occur is medium.
<i>Lanius ludovicianus</i>	loggerhead shrike	None	SSC	Broadleaved upland forest, desert wash, Joshua tree woodland, Mojavean Desert scrub, pinon and juniper woodlands, riparian woodland, Sonoran Desert scrub	Observed. Individuals of this species were observed perched within and near the site on fences and powerlines but no nests were found. This species is unlikely to nest within the site due to lack of trees and shrubs but could nest near the site.

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Dipodomys ingens</i>	giant kangaroo rat	Endangered	Endangered	Chenopod scrub, valley and foothill grassland	Low. The closest occurrence record of giant kangaroo rat is approximately 6.5 miles from the site, but all records within 10 miles of the site are historical (dated between 1967-1992). All occurrence records and the extant population area of this species are separated from the site by numerous barriers including agricultural, industrial, and urban land that offer no habitat, as well as roads, highways, and the California aqueduct. This species prefers annual grassland on gentle slopes of generally less than 10 percent, with friable, sandy-loam soils. Agricultural areas offer little to no habitat. While non-native annual grassland and softer soils were observed on the site, these areas were flat and no sandy-loam soils were found. Numerous species of common kangaroo rat may occur at the site. One kangaroo rat was observed on the site and it was determined to not be a special-status species based on the rationale above. Therefore, potential to occur is low.
<i>Eumops perotis californicus</i>	western mastiff bat	None	SSC	Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland	Low. The closest occurrence record of this species is approximately 9 miles from the site. This species roosts high above the ground in crevices and shallow caves on the sides of cliffs and rock walls. While this species has the potential to forage in agricultural areas on the site, no roosting areas were found within the site or nearby. Therefore, potential to occur is low.

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Perognathus inornatus</i>	San Joaquin pocket mouse	None	None	Cismontane woodland, Mojavean Desert scrub, valley and foothill grassland	Low. The closest occurrence record of this species is from 2016 and is approximately 8.5 miles from the site. This occurrence is separated from the site by numerous barriers, including Interstate 5. This species mostly occurs in uncultivated areas. The overall distribution of this species includes dry, open grasslands or scrub areas on fine-textured soils between 1,100 and 2,000 feet (350 and 600 meters) in the Central and Salinas valleys. All vegetated areas of the site had previously been disked/tilled, are unlikely to be occupied by this species, and no burrows for this species were found. Therefore, potential to occur is low.
<i>Taxidea taxus</i>	American badger	None	SSC	Numerous shrub, forest, and herbaceous habitats, with friable soils	Medium. The closest occurrence of this species is approximately 10 miles from the site, but this species is known to use agricultural areas. All vegetated areas of the site had previously been disked/tilled and are unlikely to be occupied by this species. While this species was not observed and no potentially suitable burrows dug in soil were found, this species could occur within the site in the future if suitable burrows become available. Culverts, which were found on the site boundary along existing roads, are sometimes used by this species for refuge or to pass safely beneath roads. Therefore, potential to occur is medium.

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Vulpes macrotis mutica</i>	San Joaquin kit fox	Endangered	Threatened	Chenopod scrub, valley and foothill grassland	Medium. The two closest occurrences of this species are approximately 4.5 miles from the site and this species is known to use agricultural areas. All vegetated areas of the site had previously been disked/tilled and are unlikely to be occupied by this species. While this species was not observed at the site, 10 culvert locations, three individual pipes, and one pile of pipes of sufficient size were found on the boundary of the site and within the BSA that could potentially be used by this species. Two of the individual pipes listed above were elevated over one foot above the ground, and therefore, are not considered suitable for this species. All culverts and pipes were found on the site boundary along existing roads. Therefore, potential to occur is medium.
<i>Arizona elegans occidentalis</i>	California glossy snake	None	SSC	Scrub and grassland habitats, often with loose or sandy soils	Low. The site is highly disturbed and consists almost entirely of active dry-farming agricultural areas. The closest occurrence of this species is from 2014 and is approximately 10 miles from the site. This occurrence is separated from the site by numerous barriers, including Interstate 5. This species was not observed during the surveys. While the site has softer soils due to previous agricultural use, they are not sandy. Therefore, potential to occur is low.
<i>Masticophis flagellum ruddocki</i>	San Joaquin coachwhip	None	SSC	Chenopod scrub, valley and foothill grassland	Low. This species uses open, dry, treeless areas with little or no cover and the closest occurrence is approximately 6.5 miles from the site. However, it is sensitive to disturbance, does not persist in cultivated areas, and was not observed during the surveys. Therefore, potential to occur is low.

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Habitat	Potential to Occur*
<i>Phrynosoma blainvillii</i>	coast horned lizard	None	SSC	Chaparral, cismontane woodland, coastal bluff scrub, coastal scrub, desert wash, pinon and juniper woodlands, riparian scrub, riparian woodland, valley and foothill grassland	Low. The site is highly disturbed and consists almost entirely of active dry-farming agricultural areas. The closest occurrence record of this species is approximately 9.5 miles from the site. This species needs a combination of shrub cover and open space for refuge and foraging and is usually not found in agricultural areas. In addition, this species was not observed during the surveys. Therefore, potential to occur is low.
<i>Bombus crotchii</i>	crotch bumble bee	None	Candidate Endangered	Defined by presence of thatch, soft soil, and flowering plants. This species primarily nests underground.	Low. The closest occurrence record of this species is over 15 miles from the site. No bumble bees were observed during the surveys, which were conducted when this species would have been observable aboveground during the flight period for both queens (late February to late October) and workers (late March through September). While softer soils and minimal thatch in the form of dead non-native herbs were found during the survey, dead vegetation primarily occurred as standing dead plants. Potential nectar sources were sparse within the BSA, predominantly non-native, and were considered relatively low quality sources. No plants in the <i>Medicago</i> genera, of which alfalfa is included, were observed on the site. Therefore, potential to occur is low.

Notes: SSC = CDFW Species of Special Concern; WL = CDFW Watch List.

*Closest occurrence records are from the CNDDDB (CDFW 2020b).

5.3 PLANTS AND WILDLIFE

All plant and wildlife species observed in the BSA during the surveys were recorded. These species are listed in Tables 4 and 5.

Table 4: Plant Species Observed Within BSA

Scientific Name	Common Name
<i>Amaranthus</i> sp.	amaranth
<i>Amsinckia menziesii</i>	common fiddleneck
<i>Atriplex coronata</i> var. <i>coronata</i> **	crownscale
<i>Atriplex lentiformis</i>	big saltbush
<i>Avena</i> sp.*	oat
<i>Bassia hyssopifolia</i> *	five horn bassia
<i>Bromus diandrus</i> *	ripgut grass
<i>Bromus madritensis</i> *	foxtail chess
<i>Bromus tectorum</i> *	cheat grass
<i>Capsella bursa-pastoris</i> *	shepherd's purse
<i>Centromadia pungens</i>	common spikeweed
<i>Chenopodium album</i> *	lamb's quarters
<i>Conium maculatum</i> *	poison hemlock
<i>Convolvulus arvensis</i> *	bindweed
<i>Cuscuta</i> sp.	dodder
<i>Cynodon dactylon</i> *	Bermuda grass
<i>Erigeron canadensis</i>	horseweed
<i>Erodium cicutarium</i> *	redstem filaree
<i>Helianthus annuus</i>	common sunflower
<i>Heliotropium curassavicum</i>	heliotrope
<i>Hirschfeldia incana</i> *	Mediterranean hoary mustard
<i>Hordeum murinum</i> *	wall barley
<i>Lactuca serriola</i> *	prickly lettuce
<i>Lolium</i> sp.*	rye grass
<i>Malacothrix coulteri</i>	Snake's-head
<i>Malva parviflora</i> *	cheeseweed
<i>Malvella leprosa</i>	alkali-mallow
<i>Marrubium vulgare</i> *	white horehound
<i>Matricaria discoidea</i>	pineapple weed
<i>Phacelia</i> sp.	phacelia
<i>Phalaris lemmonii</i>	Lemmon's canary grass
<i>Pistacia</i> sp.*	pistachio
<i>Polygonum argyrocoleon</i> *	Persian knotweed
<i>Polypogon monspeliensis</i> *	annual beard grass
<i>Rhaponticum repens</i> *	Russian knapweed
<i>Rumex crispus</i> *	curly dock
<i>Salix</i> sp.***	willow
<i>Salsola</i> sp.*	Russian thistle
<i>Senecio</i> sp.	ragwort
<i>Sisymbrium irio</i> *	London rocket
<i>Sonchus oleraceus</i> *	common sow thistle
<i>Stellaria media</i> *	common chickweed
<i>Tamarisk ramosissima</i> * / ***	saltcedar

Scientific Name	Common Name
<i>Triticum aestivum</i> *	common wheat
<i>Typha</i> sp.	cattail

Notes:

*Non-native species

**CNPB Rank 4.2: Limited distribution or infrequent throughout a broad area in California, and moderately threatened in the state (20 to 80 percent of occurrences threatened).

***These tree species were located on the boundary of the Project site.

Table 5: Wildlife Species Observed Within BSA

Scientific Name	Common Name
Mammals	
<i>Canis latrans</i>	coyote
<i>Dipodomys</i> sp.***	kangaroo rat
<i>Lepus californicus</i>	black-tailed jackrabbit
<i>Odocoileus hemionus</i>	mule deer (scat and tracks)
<i>Sylvilagus audubonii</i>	desert cottontail
Birds	
<i>Agelaius phoeniceus</i>	red-winged blackbird
<i>Bubo virginianus</i>	great horned owl
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo swainsoni</i> **	Swainson's hawk
<i>Circus hudsonius</i> *	northern harrier
<i>Charadrius vociferus</i>	killdeer
<i>Corvus corax</i>	common raven
<i>Eremophila alpestris actia</i> *	California horned lark
<i>Euphagus cyanocephalus</i>	Brewer's blackbird
<i>Haemorhous mexicanus</i>	house finch
<i>Lanius ludovicianus</i> *	loggerhead shrike
<i>Spinus tristis</i>	American goldfinch
<i>Sturnella neglecta</i>	western meadowlark
Hirundinidae	swallow
<i>Tyrannus</i> sp.	kingbird
<i>Zenaida macroura</i>	mourning dove
Invertebrates	
<i>Chlorochroa</i> sp.	stinkbug
<i>Gryllus</i> sp.	field cricket
Anisoptera	dragonfly
Acrididea	grasshopper
<i>Apis</i> sp.	honeybee
Phylliidae	leafbug
<i>Pieris rapae</i>	cabbage white
<i>Pituophis catenifer</i>	gophersnake
<i>Vanessa cardui</i>	painted lady

Notes:

*CDFW Species of Special Concern or Watch List

**Federal Threatened species

***Numerous species of common kangaroo rat may occur at the site. One kangaroo rat was observed on the site and it was determined to not be a special-status species (Table 3).

5.4 RAPTOR HABITAT ASSESSMENT

A raptor habitat assessment was conducted on and within 1-mile of the Project site. Potential nesting habitat included trees, power poles, and power towers. No trees were found within the Project site, but one willow tree was found on the southwest boundary of the site and one saltcedar tree was found on the northeast boundary. Power poles and towers were found within and adjacent to the site. Potential agricultural foraging habitat was found within the site and throughout the survey area. A total of nine active nests were found during the survey, three of which were occupied by Swainson’s hawk. Three additional nest checks were conducted at the Swainson’s hawk nests during subsequent site visits. Details on all active nests found during the survey are provided in Table 6 and locations are shown in Figure 8.

Table 6: Raptor Survey Nest Results

Nest ID	Scientific Name	Common Name	General Location (Nest Location)	Notes (2020)
01	<i>Bubo virginianus</i>	great horned owl	Adjacent to site boundary (power tower)	Two adult/juvenile individuals in nest (April).
02	<i>Corvus corax</i>	common raven	Within 1-mile site buffer (power tower)	One adult/juvenile individual in nest (April).
03	<i>Buteo swainsoni</i>	Swainson’s hawk	Adjacent to site boundary (tree)	Two adult/juvenile individuals present, one in nest and one perched nearby (April). One individual perched nearby (May). Two individuals on nest or perched nearby (June and July).
04	<i>Buteo swainsoni</i>	Swainson’s hawk	Within 1-mile site buffer (tree)	Two adult/juvenile individuals near nest, copulation observed (April). One individual perched nearby (May). Two individuals present, one in nest and one perched nearby (June). One individual perched nearby (July).
05	<i>Buteo swainsoni</i>	Swainson’s hawk	Outside 1-mile site buffer (tree)	One adult/juvenile individual in nest (April). One individual in nest (May). Two individuals present, one in nest and one perched nearby (June and July).
06	<i>Buteo jamaicensis</i>	red-tailed hawk	Within 1-mile site buffer (power pole)	Two adult/juvenile individuals present, one in nest and one perched nearby (April).
07	<i>Corvus corax</i>	common raven	Within 1-mile site buffer (power pole)	Two adult/juvenile individuals present, one in nest and one perched nearby. Two chicks in nest (April).
08	<i>Buteo jamaicensis</i>	red-tailed hawk	Outside 1-mile site buffer (power pole)	One adult/juvenile individual in nest (April).
09	<i>Corvus corax</i>	common raven	Outside 1-mile site buffer (power pole)	One adult/juvenile individual and at least one chick in nest (April).

5.5 SAN JOAQUIN KIT FOX HABITAT ASSESSMENT

Potential habitat and dens for San Joaquin kit fox were assessed within the BSA during the survey. Potential kit fox dens were defined as follows based on the USFWS *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance* (2011):

- Any suitable underground hole that has entrances of appropriate dimensions (5 to 8 inches in diameter).
- Any den or burrow of another species (e.g., coyote, badger, red fox, or ground squirrel) that has appropriate dimensions for kit fox use.
- Atypical dens such as pipes, culverts, canal banks, and other man-made features.

Typical kit fox dens may also include the following features (USFWS 2011):

- One or more entrances that are approximately 5 to 8 inches in diameter.
- Dirt berms adjacent to the entrances.
- Kit fox tracks, scat, or prey remains in the vicinity of the den.
- Matted vegetation adjacent to den entrances.

No large underground holes or burrows of other species dug in soil that would be considered suitable for San Joaquin kit fox were documented within the BSA. All vegetated areas of the Project site had previously been disked/tilled and are unlikely to be occupied by this species. However, 10 culvert locations (C1 to C10), four individual pipes (P2 to P5), and one pile of pipes (P1) of sufficient size were found on the boundary of the Project site and within the BSA that could potentially be used by kit fox (Table 7). Two of the individual pipes (P3 and P4) were elevated over one foot above the ground, and therefore, are not considered suitable for kit fox. All of these locations occurred adjacent to existing roads and are shown in the BUOW survey report. Photos of these locations are also provided in the BUOW report. A small amount of matted vegetation was observed at one road culvert location (C4), but this was not considered specific to kit fox and was likely caused by roadside water flowing through the culvert. Details on all culverts and pipes are shown in Table 7.

Table 7: San Joaquin Kit Fox Habitat Assessment

Culvert or Pipe Number	Dimensions (inches)	Number of Culverts or Pipes	Sign Observed	Size Suitable for Kit Fox	Adjacent to Existing Road	Notes
C1	12.5 x 27	One culvert.	No	✓	✓	None.
C2	22 x 24	One culvert.	No	✓	✓	None.
C3	84 x 36	Three adjacent culverts of same dimensions.	No	✓	✓	None.
C4	30 x 23	Two adjacent culverts of same dimensions.	Matted vegetation, likely caused by flow of roadside water.	✓	✓	None.
C5	7 x 16	One culvert, one side mostly filled with sediment.	No	✓	✓	None.
C6	24 x 24	One culvert.	No	✓	✓	None.
C7	20 x 20	One culvert.	No	✓	✓	None.
C8	16 x 13	One culvert.	No	✓	✓	None.
C9	23 x 23	Four adjacent culverts of same dimensions.	No	✓	✓	None.
C10	28 x 20	Two adjacent culverts of same dimensions.	No	✓	✓	None.
P1	Various Sizes	Sedentary pile of pipes.	No	✓	✓	None.
P2	10 x 10	One pipe.	No	✓	✓	None.
P3	10 x 10	One pipe.	No	✓	✓	Elevated over one foot above the ground and not suitable for kit fox.
P4	10 x 10	One pipe.	No	✓	✓	Elevated over one foot above the ground and not suitable for kit fox.

Culvert or Pipe Number	Dimensions (inches)	Number of Culverts or Pipes	Sign Observed	Size Suitable for Kit Fox	Adjacent to Existing Road	Notes
P5	8 x 10	One pipe.	No	✓	✓	None.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the surveys have been used to develop recommendations for pre-construction surveys and avoidance and minimization measures. The recommendations within this report are preliminary and will be refined during the California Environmental Quality Act (CEQA) process as more details about the Project design and schedule are determined.

Use of heavy machinery and significant ground disturbance during construction activities have the potential to impact special-status plants, BUOW, Swainson’s hawk, raptors and other nesting birds, San Joaquin kit fox, American badger, or other special-status species, if present. With implementation of the measures recommended below, impacts to biological resources, including special-status species, are anticipated to be less than significant with mitigation incorporated. If habitat for special-status species can be avoided during finalization and implementation of the Project, this could reduce the requirements. The culverts and pipes found at the Project site are unlikely to be impacted by ground disturbance because they are located on the boundary of the site along existing roads. However, construction activities are planned directly adjacent to these locations and noise during construction may disturb special-status species if present in the culverts or pipes, including the BUOW, San Joaquin kit fox, and American badger. Special-status species and habitats at the site are summarized in Table 8.

Table 8: Special-status Species and Habitat Summary

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Summary
<i>Atriplex coronata</i> var. <i>coronata</i>	crownscale	None	CNPS Rank 4.2	One population of crownscale was found within the Project site and was estimated at over 5,000 individuals (Figure 6). During the winter season BUOW surveys, the crownscale population was observed to be tilled.
<i>Athene cunicularia</i>	burrowing owl	None	SSC	BUOW was not observed during the protocol-level survey. Potential burrow surrogates (culverts and pipes) were found on the Project site boundary along existing roads. No suitable burrows were found in soils within the Project site. During the winter season surveys, cast pellets were observed at two pipes, indicating BUOW are likely to be using these surrogate burrows.
<i>Buteo swainsoni</i>	Swainson's hawk	None	Threatened	Three active Swainson’s hawk nests were found within 1-mile of the Project site, one of which was on the site boundary (Figure 8). Numerous individuals were also observed in the vicinity of the Project site (Figures 7 and 8). Swainson’s hawk could nest within the Project site (on power poles and towers), nest off-site nearby (in trees), and forage within the site.
<i>Circus hudsonius</i>	northern harrier	None	SSC	An individual northern harrier was observed flying over the Project site but no nests of this species were found (Figure 7). This species is unlikely to nest within or near the site.
<i>Eremophila alpestris actia</i>	California horned lark	None	WL	One active horned lark nest was found on the ground within the Project site (Figure 7).

Scientific Name	Common Name	Federal Status	State Status/ Other Status	Summary
<i>Lanius ludovicianus</i>	loggerhead shrike	None	SSC	Loggerhead shrikes were observed perched within and near Project the site on fences and powerlines but no nests were found. This species is unlikely to nest within the Project site but could nest in trees or shrubs on the boundary of the site.
Native raptor and bird nests		Migratory Bird Treaty Act	Migratory Bird Protection Act	Active nests of great horned owl, common raven, and red-tailed hawk were found on the boundary and within 1-mile of the Project site (Figure 8).
<i>Taxidea taxus</i>	American badger	None	SSC	American badger was not observed at the site and no potentially suitable burrows in soils within the Project site were found. Culverts of sufficient size, which were found on the site boundary along existing roads, are sometimes used by this species for refuge or to pass safely beneath roads.
<i>Vulpes macrotis mutica</i>	San Joaquin kit fox	Endangered	Threatened	San Joaquin kit fox was not observed at the site and no potentially suitable burrows in soils within the Project site were found. Culverts and pipes of sufficient size, which were found on the site boundary along existing roads, could potentially be used by this species for denning.

Notes: SSC = CDFW Species of Special Concern; WL = CDFW Watch List.

One rare plant species, crownscale (CNPS Rank 4.2), was found within the Project site during the spring 2020 surveys; however, during the January 2021 surveys, the entire population was observed to be tilled by the current landowner, Westlands Water District. CNPS Rank 4.2 applies to species that are of limited distribution or infrequent throughout a broad area in California, and moderately threatened in the state (20 to 80 percent of occurrences threatened). If the crownscale population returns from its seed bank after tilling, it is recommended that this population be avoided during Project activities and protection measures be implemented. While crownscale is not federally or state listed, impacts to this species will need to be evaluated in the CEQA document and mitigation measures would be required, if it is present on site. Consultations with the USFWS or CDFW are not required for this species. The following mitigation measures are recommended:

- If crownscale populations are located outside of the project footprint, a qualified biologist shall flag an appropriate avoidance zone to completely avoid impacts to any crownscale individuals.
- If crownscale populations cannot be avoided, a qualified biologist shall prepare a seed collection and replanting plan to reduce impacts to the identified special-status plant populations. Temporary impacts (impacts in areas that would be restored to natural conditions) may be mitigated by salvaging the first 6 inches of topsoil during ground disturbance, storing on site and protecting the soil from weed seed dispersal, and then returning the soil horizon to its original profile to keep seeds at the appropriate soil depth. Permanent impacts (impacts in areas that would not be restored to natural conditions) may be mitigated by enhancing other crownscale habitat within or outside the Project site. Topsoil would not be salvaged in the case of permanent impacts, and other habitat enhancement methods would be used, such as seed collection and propagation, in other non-impacted locations.

Impacts to BUOW during construction activities can be avoided through pre-construction surveys, and if found, the establishment of temporary no-work buffer zones. Recommendations for BUOW are described in the BUOW survey report.

Raptors and other nesting birds have the potential to nest at the Project site. Therefore, the following measure is recommended for these species:

- Avoid ground-disturbing and vegetation removal activities during the nesting bird season (February 1 to September 15). If these activities must occur during the nesting season, a pre-construction nesting bird survey will be conducted by a qualified biologist on and within 500 feet of the construction area, access permitting. The survey will be conducted no more than 14 days prior to initiation of these activities and repeated between delays of greater than 14 days during the nesting season.
- If an active nest is found, a minimum no-disturbance buffer of 50 feet around active nests of non-listed bird species and a 200-foot no-disturbance buffer around active nests of non-listed raptors species will be flagged around the nest (this distance may be modified by the qualified biologist based on the bird species found). No ground-disturbing or vegetation removal activities will occur within the buffer until the nesting season has ended or the nest is vacated, and juveniles have fledged, as determined by the qualified biologist. At the discretion of a qualified biologist, smaller buffer sizes may be recommended or encroachment into the buffer may occur.

Swainson's hawk has the potential to nest at the Project site. Potential impacts to Swainson's hawk, including potential loss of foraging habitat, are addressed in the *Analysis of Impacts to Swainson's Hawk Nesting and Foraging Habitat* (HELIX Environmental Planning, Inc. 2020). Recommendations for Swainson's hawk are described in this report.

San Joaquin kit fox has the potential to occur at the Project site. Therefore, the following measure is recommended for this species:

- A qualified biologist will conduct a pre-construction den survey for San Joaquin kit fox no less than 14 days and no more than 30 days prior to any ground disturbance and/or construction activities in accordance with the *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance* (USFWS 2011). The survey will be conducted within the construction area. The survey will search for dens to ensure that San Joaquin kit fox are not present. If it is determined that the construction area is unsuitable for denning due to recent disking/tilling, then the survey is not required.
- If an active San Joaquin kit fox den is observed within the construction area, the CDFW and USFWS will be contacted prior to ground-disturbing activities within 200 feet of the den to determine the proper course of action. If San Joaquin kit fox activity is not detected, a memorandum will be submitted to CDFW and USFWS within five days after the completion of the pre-construction survey and prior to the start of ground disturbance and/or construction activities. In addition, appropriate USFWS construction and on-going operational requirements from the *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance* (USFWS 2011) will be implemented.

The following measure for American badger is recommended:

- If a burrow/den that could support American badger (measuring 8 to 12 inches wide and 6 to 10 inches long) is found during the pre-construction surveys for burrowing owl or San Joaquin kit fox, a minimum buffer of 100 feet will be established around the burrow/den. No construction work will occur within this buffer unless a qualified biologist determines that the burrow/den is not occupied.

The following measure for education of on-site construction workers regarding special-status species is recommended:

- Within 30 days prior to construction, all on-site construction workers will attend a training for special-status species. The training will be conducted by a qualified biologist and will include life history information, mitigation measures, and known locations or habitats on the site for special-status species. At a minimum, the training will include the following species: crownscale, burrowing owl, Swainson's hawk, American badger, San Joaquin kit fox, and nesting raptors and other birds.

7.0 LITERATURE CITED

- California Department of Conservation, California Geological Survey. 2002. California Geomorphic Provinces. Note 36.
- California Department of Fish and Game. 1988a and updates. California's Wildlife, Volume I: Amphibians and Reptiles. State of California Resources Agency. Sacramento, California.
- California Department of Fish and Game. 1988b and updates. California's Wildlife, Volume II: Birds. State of California Resources Agency. Sacramento, California.
- California Department of Fish and Game. 1988c and updates. California's Wildlife, Volume III: Mammals. State of California Resources Agency. Sacramento, California.
- CDFW (California Department of Fish and Wildlife). 2020a. Places to Visit - Ecological Reserves and Wildlife Areas of California. Website: <https://wildlife.ca.gov/Lands/Places-to-Visit>. Accessed on March 5, 2020.
- CDFW (California Department of Fish and Wildlife). 2020b. California Natural Diversity Database (CNDDDB). RareFind 5 online database. Query of the *Levis, Chaney Ranch, Coit Ranch, Tranquillity, Cantua Creek, Tres Picos Farms, Lillis Ranch, Ciervo Mtn., and Monocline Ridge*, California Topographic Quadrangles. Website: <https://www.wildlife.ca.gov/Data/CNDDDB/Maps-and-Data>. Accessed on February 26, 2020.
- CDFW (California Department of Fish and Wildlife). 2020c. Biogeographic Information and Observation System (BIOS) Habitat Connectivity Viewer. Website: <https://map.dfg.ca.gov/bios/?bookmark=648>. Accessed on February 26, 2020.
- CNPS (California Native Plant Society). 2020. Online CNPS Inventory of Rare and Endangered Plants (8th Edition). Query of *Levis, Chaney Ranch, Coit Ranch, Tranquillity, Cantua Creek, Tres Picos Farms, Lillis Ranch, Ciervo Mtn., and Monocline Ridge*, California Topographic Quadrangles. Website: <http://www.rareplants.cnps.org/advanced.html>. Accessed on February 26, 2020.
- HELIX Environmental Planning, Inc. 2020. *Analysis of Impacts to Swainson's Hawk Nesting and Foraging Habitat*. Prepared for Clearway Energy. July 17.
- Jepson Flora Project (eds.). 2020. Jepson eFlora. Website: <http://ucjeps.berkeley.edu/IJM.html>. Accessed on February 5, 2020.
- Netronline. 2020. Historic Aerials. Website: <https://www.historicaerials.com/viewer>. Accessed on July 10, 2020.
- Sawyer, J., Keeler-Wolf, T., and Evens, J. 2009. *A Manual of California Vegetation, Second Edition*. California Native Plant Society.
- Tetra Tech, Inc. (Tetra Tech). 2020. Biological Resources Study Work Plan for the Luna Valley Solar Project, Fresno County, California. March 17.
- USFWS (United States Fish and Wildlife Service). 2011. *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance*. Prepared by the Sacramento Fish and Wildlife Office. January.
- USFWS (United States Fish and Wildlife Service). 2020a. Information for Planning and Consultation (IPaC). Website: <https://ecos.fws.gov/ipac/>. Accessed on February 26, 2020.
- USFWS (United States Fish and Wildlife Service). 2020b. Critical Habitat Portal. Environmental Conservation Online System (ECOS). Website: <https://ecos.fws.gov/ecp/report/table/critical-habitat.html>. Accessed on February 26, 2020.

APPENDIX A PHOTOGRAPHS

Photograph 1

Notes:
Representative photo of *Hordeum murinum* – *Sisymbrium irio*
Herbaceous
Semi-Natural Alliance.



Photograph 2

Notes:
Representative photo of *Hirschfeldia incana* – *Salsola* sp.
Herbaceous
Semi-Natural Alliance.



Photograph 3

Notes:

Representative photo of *Atriplex coronata* var. *coronata* - *Stellaria media*
Herbaceous
Semi-Natural
Alliance.



Photograph 4

Notes:

Representative photo of crownscale (CNPS Rank 4.2) found within the Project site.



Photograph 5

Notes: Active horned lark nest found on the ground within the Project site.



Photograph 6

Notes: Active Swainson's hawk nest (Nest 03).



Photograph 7

Notes:
Swainson's hawk perched on fenceline near active Nest 03 and adjacent to Project site boundary.



Photograph 8

Notes: Active Swainson's hawk nest (Nest 04).



Photograph 9

Notes:
Swainson's hawk
mating pair
perched near
active Nest 04.



Photograph 10

Notes: Active
Swainson's hawk
nest (Nest 05).



Appendix F2

Analysis of Impacts to Swainson's Hawk



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August 26, 2020

Project #CEW-01

Ms. Aarty Joshi
Director, Environmental Permitting
Clearway Energy Group LLC
100 California Street, Suite 400
San Francisco, CA 94111

Subject: Luna Valley Solar Project, Fresno County – Analysis of Impacts to Swainson’s Hawk Nesting and Foraging Habitat

Dear Ms. Joshi:

HELIX Environmental Planning, Inc. (HELIX) has prepared this letter report on behalf of Luna Valley Solar I, LLC, a wholly-owned subsidiary of Clearway Energy Group (Clearway), to present an analysis of the potential impacts of the proposed Luna Valley Solar Project (Project) on Swainson’s hawk (SWHA; *Buteo swainsoni*), which is listed as threatened under the California Endangered Species Act (CESA), and to provide the Lead Agency and responsible agencies with information necessary to make findings pursuant to the requirements of the California Environmental Quality Act (CEQA). The proposed project is located in unincorporated western Fresno County, and Clearway is seeking an Unclassified Conditional Use Permit from Fresno County (County).

The analysis provided in this letter report identifies potential project impacts to SWHA based on an approach that has been used in Fresno and Kings counties (Estep 2011, 2016; HELIX 2018a) to support approved CEQA documents, which has been further refined to provide additional analytical rigor. The methodological approach combines field observations, public and proprietary data, and a desktop spatial analysis to estimate the acreage of suitable foraging habitat required to sustain the regional population of SWHA. Impacts to foraging habitat are assessed at both the project and cumulative levels. Potential impacts to nesting SWHA from the proposed project are also discussed.

Project Location

The Project site is an approximately 1,300-acre site located in unincorporated Fresno County and generally bound by flat, agricultural lands and other solar energy generation facilities. The nearest city to the proposed project is Tranquillity, approximately 9 miles to the east-northeast. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of Project site. The cities of Mendota and San Joaquin are approximately 10 miles north and east of Project site, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project site.

More specifically, Highway 33 (South Derrick Avenue) makes up the eastern boundary of the Project site. The western edge of the Project site is approximately 2,600 ft. (feet) east of S. Bernardino Avenue, the northern edge is approximately 1,400 ft. south of W. South Avenue, and the southern edge is approximately 1,300 ft. north of W. Dinuba Avenue. W. Manning Avenue cuts through the approximate middle of the Project site from east to west and S. Ohio Avenue cuts through the approximate middle of the Project site from north to south.

The Project site is entirely within the U.S. Geological Survey 7.5-minute topographic quadrangle of "Levis, CA." The Project site is located within Township 15 South, Range 14 East, Sections 23, 24, 25, and 26. The Project site centroid is located at approximately latitude/longitude 36.603333, -120.401389.

Site History

The Project is located on lands owned by Westlands Water District (Westlands). Westlands acquired this property as part of the September 3, 2002 settlement agreement reached among the United States, Westlands, and others in the Sumner Peck Ranch et al. v. Bureau of Reclamation et al. lawsuit.

The Project site is located in an area of agricultural land use and identified as Farmland of Local Importance on the State Important Farmlands maps. The site has historically been used for dry-farmed (non-irrigated) agriculture (low-yield production of winter wheat and oats) and has been used for this purpose for the last 10 years. During years in which rainfall is insufficient to produce crops, the land is grazed as rangeland grasses. Currently, some portions of the Project site lie fallow while the majority of the area is used to grow non-native grasses and forbs, such as mustard and alfalfa. None of the land within the Project site is covered by a Williamson Act Contract.

Summary of the Proposed Project

Overview

The applicant (Luna Valley Solar I, LLC) proposes to construct and operate a photovoltaic (PV) solar electricity generating facility and energy storage system (ESS) and associated infrastructure that would produce up to 200 megawatts (MW) of alternating current (AC) energy at the point of electrical grid interconnection on approximately 1,300 acres of privately owned agricultural land in western Fresno County. The substation would connect to the regional electrical grid at the Pacific Gas and Electric Company's (PG&E) 230 kilovolt (kV) Tranquillity Switching Station located west of State Route 33 and south of Manning Avenue. The Project would include the construction of solar arrays, an electrical substation and connection to the PG&E-owned Tranquillity substation, an energy storage system and other necessary infrastructure including an operation and maintenance (O&M) building, septic system and leach field, a supervisory control and data acquisition (SCADA) system, a meteorological data system, buried conduit for electrical wires, overhead collector lines, on-site access roads and security fencing. Select components of the project description pertinent to the SWHA analysis are included below.

Photovoltaic Modules and Support Structures

Solar PV generating facilities consist of individual solar panels (modules) which are arranged in rows to form solar arrays. The arrays are combined to form larger units called solar blocks or array blocks. For

large-scale utility applications, hundreds of array blocks are interconnected as part of the solar power generation facility. Each array block is served by an electrical inverter, which can be located centrally within the array block or distributed within the array footprint. The inverters convert the direct current (DC) output from the array to AC which is then conveyed to the substation and switchyard which steps up the voltage to match the collection system.

Solar arrays are linear (approximately 300 feet long) rows of solar PV modules mounted on round shafts (torque tubes) that rotate to orient the modules east-west through the course of the day. The long axis of a tracker is oriented north-south. The torque tubes are supported approximately 5 feet above grade on steel posts, leaving a soil substrate underneath the trackers. At maximum tilt, the top edge of the modules on a tracker is approximately 12 feet above grade. Within an array block, trackers are spaced approximately 15-25 feet on center (from post to post) to accommodate maintenance personnel, reduce shading by neighboring modules at maximum tilt in the morning and evening when sun angle is low, and to accommodate design parameters that meet applicable Fresno County fire safety requirements. When trackers are horizontal, the spacing between the edges of adjacent rows of modules is approximately 12 feet; this increases to slightly more than 14 feet at maximum tilt. This geometry results in a maximum of 40 percent of the area within a typical array block consisting of solar PV panel surface and often 30 percent or less when viewed from above, and the other 60+ percent remaining visible ground surface.

Construction

Construction of the proposed project could take place in two major stages. The first stage would include site preparation, grading, and preparing staging areas and on-site access routes, and the second stage would involve assembling the trackers and constructing electrical interconnection facilities. Construction is slated to begin in mid-2022 and is expected to continue for up to 16 months, with the facility becoming operational in 2023.

Construction activities would take place primarily during daylight hours, approximately 6 am to 9 pm, and would be continuous unless prevented by rain. Construction would include establishment of access roads with dirt or decomposed granite surfaces, trenching for underground collection lines, boring for posts to support solar arrays, installation of posts and solar arrays, construction of inverters, and an electrical substation consisting of above-ground facilities mounted on concrete pads, and installation of an energy storage system (an above-ground facility mounted on concrete pads). Equipment used would be standard construction equipment such as excavators, loaders, graders, cranes, forklifts, container trucks, and water trucks. Grubbing and grading would occur on the site to achieve the required surface conditions. Because the site is already mostly flat, grading would be minimal. The site's cut and fill would balance, and no importation or exportation of materials would be necessary. The site drainage is designed to follow the natural drainage pattern, and none of the on-site facilities, including fences and panel posts, should prevent stormwater flow. No on-site detention facilities are planned.

Impact Area

The total project footprint is approximately 1,300 acres. Access roads, concrete equipment pads (inverters/transformers), batteries, buildings (substation and operations and maintenance building), and storage unit(s) would total up to approximately 90 acres of impervious surfaces in the facility (approximately 0.7 percent of the site), depending on the final design of the project.

The solar array blocks (PV modules) would cover approximately 305 acres from an aerial perspective when fully horizontal (parallel to the ground); however, it is noteworthy that the ground under the 305 acres of PV module surface would be undeveloped soil substrate. Therefore, a total of 395 acres out of the 1,300 would be covered at a maximum (when PV modules are fully horizontal); the remaining 895 acres would be undeveloped.

Swainson's Hawk Use of the Project Site

Tetra Tech performed focused SWHA nest surveys at the proposed Project site on behalf of Clearway Energy each month between April and July 2020. Biologists assessed the proposed project site and a 1-mile buffer around the Project by vehicle for suitable raptor habitat. The surveys occurred between sunrise to 12:00 pm or 4:30 pm to sunset. Biologists used binoculars to survey potential trees or other features (e.g., power poles) that could be used for raptor nesting. Visual surveys for nests and perched raptors were performed. Notes were recorded on any raptor observations (e.g., species, number of individuals observed, behavior), and any active raptor nests were mapped. No SWHA nests were found on the project site. However, two SWHA nests were found within a one-mile radius of the project site: one at the southern site boundary along Dinuba Ave. and one in the northern portion of the survey area along Hwy 33 near the one-mile radius limit of the search area.

METHODS

Regulatory Guidance

The California Department of Fish and Wildlife (CDFW) has developed regional strategies to address land use issues related to SWHA conservation pursuant to both CESA and the CEQA process. The CDFW Region 2 guidelines (CDFW 1994) are often used during CEQA review of proposed projects in the Central Valley. The guidelines outline methods for conducting nest surveys and avoiding or minimizing impacts to active nests that may result in nest abandonment or otherwise cause injury or mortality to individual SWHA (i.e., "take"), which would be regulated under CESA. To avoid impacts to nesting SWHA, the guidelines recommend that no intensive new disturbances or other project-related activities that may cause nest abandonment or forced fledging should be initiated within 0.25-mile of an active nest between March 1 and September 15. The exclusion buffer may be extended to 0.5-mile in nesting areas away from urban development, where intensive disturbance is not a normal occurrence during nesting season. Examples of intensive disturbance cited in the guidelines include heavy equipment associated with construction, use of cranes and draglines, and rock crushing activities (CDFW 1994).

The guidelines also recommend acquisition of replacement lands (i.e., compensatory mitigation) for projects that would result in the loss of foraging habitat acreage sufficient to be considered a significant impact to the SWHA population pursuant to CEQA definitions. The guidelines state that the determining criteria for CEQA significance is removal of any suitable foraging habitat within 10 miles of an active SWHA nest, which is defined as a nest active at any time in the previous 5 years. Compensatory mitigation is recommended at ratios ranging from 1:1 for projects within 1-mile of an active nest, 0.75:1 for projects 1-5 miles from an active nest, to 0.5:1 for projects 5-10 miles from an active nest (CDFW 1994). The guidelines do not consider the size of the potentially affected population, the amount and quality of existing foraging habitat, or the size of the project relative to the amount of available foraging habitat. However, the guidelines allow for independent assessment of impacts and development of a conservation strategy as an alternative to the guidelines. In order to more accurately assess the

potential impacts of the proposed project to SWHA, this study was undertaken to quantify the effects of the proposed project on the regional population of SWHA by analyzing data on land use, nest distribution and abundance, and to inform a CEQA significance determination based on a more robust biological rationale.

Methodology

Impacts to SWHA Nests

The potential for the Project to result in disturbance to SWHA nests is restricted to potential indirect impacts to active nests outside of the project site, as there are no trees or other features that could be used for nesting inside the project site boundary. Project construction activities could create disturbances to nesting SWHA through noise, vibration, night lighting, or human presence leading to nest abandonment and mortality of chicks. The study included an analysis of the potential for project-related activities to meet the standard of intensive disturbance provided in the guidelines, and an assessment of the appropriate exclusion buffer distance.

Impacts to SWHA Foraging

The analysis of potential impacts of the Luna Valley Solar project on foraging habitat for the regional population of SWHA builds upon methods that have been used for the analysis of impacts to SWHA foraging habitat on several other approved utility-scale solar projects in the region (reviewed in Estep 2017). This method more effectively addresses CEQA-based cumulative impacts to SWHA than the approach employed in the CDFW guidelines. In order to provide a more robust assessment of CEQA impacts, it is necessary to extend the analysis beyond the scale of the project site and the nearest active SWHA nest, which is the scale of analysis employed in the CDFW guidelines. The larger-scale analysis should consider the size and distribution of the regional population of SWHA, availability of suitable foraging habitat, and the effect of project implementation on the availability of resources to the regional population.

Regional Population and Study Area

For purposes of this analysis, the regional population of SWHA was defined as the number of nesting territories documented within 10 miles of the project site. The 10-mile radius standard was chosen based on telemetry studies that indicate SWHA will fly up to 10 miles from the nest to forage (Babcock 1995, Estep 1989). Consequently, the regional population for the study is equivalent to the SWHA that may potentially forage on the project site and thus be directly affected by the project through loss of foraging habitat. The minimum 10-mile radius around the project site boundary, smoothed to account for the uneven shape of the project site, also defines the study area for the analysis.

Foraging Habitat Availability

The amount, distribution, and quality of foraging habitat available to the regional population is a function of surrounding land use patterns. Historically, SWHA hunted in the grasslands of the Central Valley and coastal valleys, and the desert scrub and shrub lands of high desert regions. With the conversion of the Central Valley to agriculture, SWHA foraging has shifted to managed cultivated lands and the availability of foraging habitat is now largely dependent on agricultural practices (Babcock 1995,

Woodbridge 1991, Estep 1989). The suitability of individual land cover types is largely a function of two factors: 1) prey abundance; and 2) prey accessibility, which is influenced by vegetation structure (Estep 2009, Bechard 1982). Land uses considered suitable for SWHA foraging include: alfalfa hay; irrigated cropland typically cultivated in a rotation of cotton, wheat, and tomatoes, but also including silage crops such as triticale, sorghum, and corn; irrigated pasture; and uncultivated land that has retained some natural soil and vegetation (Estep 2017). Land uses historically considered unsuitable for SWHA foraging include developed land; orchards and vineyards; solar facilities; and open water (Estep 2017).

Suitable foraging habitat varies in quality also based on agricultural management. Crop types that support large numbers of rodent prey and consistently have a low, open vegetation structure provide the highest quality habitat, while crop types that support low numbers of prey or are characterized by tall and dense vegetation provide the lowest quality foraging habitat. Foraging studies indicate that SWHA preferentially forage in alfalfa, tomato, wheat, oat, and other annually rotated crops that maintain a relatively low vegetation profile and that are harvested during the breeding season. Alfalfa has been shown to provide particularly high value habitat due to its consistently low vegetation height and high frequency of mowing, and is used by SWHA at a significantly higher rate relative to its availability in the landscape (Estep 2013, 2009, 1989; Swolgaard et al. 2008; Babcock 1995; Bechard 1982). Other grain crops (e.g., wheat, barley, sorghum), along with row crops (e.g., tomatoes, sugar beets) and irrigated pasture provide moderate value habitat, as they are harvested during the breeding season. Crops such as corn, cotton, safflower, melons, and vegetables provide low value habitat (Estep 2015).

Based on the factors discussed above, it is possible to categorize landscape-scale data on land use as suitable/unsuitable for SWHA foraging, and as High/Moderate/Low quality foraging habitat.

Foraging Habitat Requirements

Although SWHA do not defend a territory beyond the immediate vicinity of the nest, SWHA forage widely over a large area (Estep 2015). Data from two telemetry studies conducted in the Sacramento Valley indicate that SWHA home ranges vary from 830 acres to 21,543 acres (Estep 1989, Babcock 1995). The average home range size from Babcock (1995) was 9,978 acres (N=5) and from Estep (1989) was 6,820 acres (N=12). Smaller home ranges generally consist of high percentages of alfalfa, fallow fields, and dry pastures (Babcock 1995, Woodbridge 1991, Estep 1989). Where nests are located in the immediate vicinity of high value foraging habitat, home range sizes are as low as 830 acres (Estep 2015). This study used the average home range size of 6,820 acres from Estep (1989) for analysis purposes because it represents a reasonable estimate of home range size and is supported by field research.

It is important to note that home range and foraging territory are not synonymous. The 6,820-acre home range is the average area that an individual hawk will occupy during the course of the breeding season; however, within this area, foraging occurs opportunistically where conditions provide accessible prey (Estep 2015). Furthermore, this area is not defended and SWHA often forage communally (Estep 1989, personal observation by the author¹). Although average home range size may not be an accurate indicator of realized foraging habitat acreage, it is not feasible to precisely quantify the foraging

¹ Author observed 30 SWHA foraging in a wheat field immediately north of SR-198 in Kings County during harvest in July 2017.

area used by individuals of wide-ranging, opportunistic species such as SWHA; therefore, the average home range size is a useful baseline that can be adjusted to account for factors that affect the amount of the home range that provides the essential resource base for the SWHA nesting territory and thus determines the amount of habitat required to sustain a nesting pair (Estep 2015). These factors include:

Factor One – Home range overlap. Home ranges within a population overlap, as SWHA forage opportunistically over a shared landscape and often gather in large numbers to forage during agricultural activities that expose prey such as harvest, disking, burning, or flooding. Estep (1989) found that average overlap among home ranges within a population was 40 percent. Adjusting the average home range size downward by the average amount of overlap partially accounts for the extent to which SWHA in a population share the available foraging habitat in the region.

Factor Two – Habitat suitability. While SWHA utilize a large home range, actual foraging takes place in a subset of the total home range, and most prey capture attempts are in moderate- or high-quality habitat areas (Estep 2015). Most SWHA home ranges are likely to contain some unsuitable and low-quality suitable land uses that do not contribute appreciably to the resource base available in the home range. In order to account for this, the average home range can be adjusted downward to reflect only the proportion of the suitable foraging habitat in the study area that is of Moderate or High quality (Estep 2015).

Factor Three – Foraging outside the study area. Because SWHA utilize land up to 10 miles from the nest for foraging, some portion of the potential foraging habitat available to a nesting pair in the regional population will be outside the study area, unless the nest is inside the project site boundary. If there are no trees or other suitable nesting structures in the project site, no nest in the regional population will have a potential foraging area entirely inside the study area. Comparing only the habitat available inside the study area to the total habitat requirements of the regional population would substantially underestimate the amount of habitat available to the regional population.

The amount of overlap between the study area and the potential foraging territory of a nest will decrease with distance from the project site. This relationship can be represented in a simplified manner with Equation 1, which is a trigonometric formula for the overlap (A) between two circles of unit radius (radius=1):

$$A = 2 \cos^{-1} \left(\frac{d}{2} \right) - \frac{d}{2} \sqrt{4 - d^2}$$

where d=distance between the centers of the circles expressed as a proportion of the radius, and r=1. Although the study area is not a perfect circle, this is a suitable approximation of the amount of a given nest's potential foraging area as a function of its distance from the project site, as the study area is approximately a circle of radius 10 miles centered on the project site, and the potential foraging area available to a nesting pair of SWHA is a circle of radius 10 miles centered on the nest.

After applying this equation to each nest location in the regional population and calculating the weighted average overlap of all nests, the total amount of foraging habitat required by the regional population can be adjusted to reflect the average proportion of all home ranges that is outside the study area. For this analysis, nest distances from the project site were binned in increments of 1 mile, and the value of d for each bin was the mid-point of the distance increment (e.g. all nests between 2 and 3 miles

from the project site boundary were given a value of 2.5). For example, for a nest that is between 2 and 3 miles from the center of the project site the quantity d is calculated as 0.25 (2.5 miles divided by the 10-mile radius of the circle to get a value of 0.25).

Using all of the information discussed above, the acreage of suitable foraging habitat required in the study area to support the regional population of SWHA (Y) can be calculated using Equation 2:

$$Y = n \cdot 6,820 \cdot p \cdot q \cdot r$$

where n is the number of SWHA nesting pairs in the regional population; 6,820 is the baseline average home range size; p is the adjustment for average home range overlap (1-average overlap); q is the proportion of the suitable habitat in the study area that is moderate- or high-quality habitat; and r is the weighted average overlap between the study area and the potential foraging area available to the regional population. The quantity Y can be subtracted from the total existing acreage of suitable foraging habitat in the study area; a positive result would indicate that there is a surplus of foraging habitat available to SWHA in the study area; a negative result would indicate that there is a deficit of foraging habitat in the study area.

Thresholds of Significance

CEQA defines the significance of an impact on a state-listed species based on the following relevant thresholds of significance:

- Appendix G of the State CEQA guidelines states that a biological resource impact is considered significant (before considering offsetting mitigation measures) if the lead agency determines that project implementation would result in “substantial adverse effects, either directly or through habitat modifications, on any species identified as being a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW or USFWS”; and
- CEQA Section 15065 (Mandatory Findings of Significance) states that a biological resource impact is considered significant if the project has the potential to “substantially reduce the number or restrict the range of an endangered, rare or threatened species”.
- Both these thresholds are understood to mean something other than “take” of a single member of a species.

Impacts to SWHA Nests

Any impact from project activities that results in abandonment or forced fledging of active nests so as to cause population-based impacts to a listed species or which would result in the substantial reduction in the numbers or range of the SWHA as a species would be considered a significant impact under CEQA.

Impacts to SWHA Foraging

Based on the above-referenced definitions, the proposed project could be considered to have a potentially significant impact to SWHA if it resulted in a reduction of available foraging habitat below the amount required to sustain the regional population. If the proposed project would not result in a deficit

of suitable foraging habitat in the study area, the project's impact could be considered less than significant under CEQA.

Because SWHA home ranges are different each year due to seasonal and annual changes in the crop matrix, it is difficult to predict or model the extent of the area likely to be used by a given pair of SWHA over a period of years (Estep 2015). In addition, although the method used to estimate the acreage of available and required foraging habitat in the study area represents a robust and scientifically defensible analysis, it is necessarily dependent on a number of generalizations and assumptions. Therefore, the estimates in the study are only best approximations. In order to account for variation in the estimates due to interannual variation in the regional population caused by mortality and recruitment, allow for resilience in the population to environmental factors outside the scope of this analysis, and to account for other potential sources of error, the CEQA significance threshold should be set substantially higher than the minimum amount of foraging habitat required in the study area to sustain the regional population. For this analysis, the CEQA significance threshold was conservatively set at 70 percent of the existing surplus habitat. If the project would result in the surplus of suitable foraging habitat in the study area being reduced to less than 70 percent of the existing surplus, the project would be considered to have a significant impact on the regional population of SWHA under CEQA. This 70% threshold has been established by Estep as being adequate to provide a buffer of foraging habitat above the minimum number of acres needed (Estep 2015) and has been accepted by numerous CEQA lead agencies.

Data Acquisition and Processing

Data used in the analysis came from publicly available datasets as well as data obtained during surveys performed by HELIX under contract with Clearway. All public data sets were the most recent available as of June 2020.

Land Use Data

Land use data were taken from the 2019 U.S. Department of Agriculture (USDA) Crop Layer, which is available at: https://www.nass.usda.gov/Research_and_Science/Cropland/Release/index.php. The data were downloaded on June 26, 2020. The data set provides land cover data at a resolution of 30m x 30m for the entire U.S. The data were clipped to the study area boundary, and land cover types were characterized as suitable or unsuitable for SWHA foraging, and as High, Moderate, Low, or Unsuitable quality foraging habitat, according to a crosswalk derived from previous studies (Estep 2017, 2015). The crosswalk is provided in Attachment B. Land cover data were adjusted for existing solar projects that were classified as their former agricultural use in the USDA data set, which resulted in a minor increase in the acreage of unsuitable foraging habitat as compared to what would be calculated only using the USDA Crop Layer data.

This method was used in similar studies performed in late 2016 for the RE Mustang Two Solar Project approved by Kings County in December 2017 and in 2018 for the RE Scarlet solar project currently under review by Fresno County (HELIX, unpublished data). In the 2016 study, the USDA Crop Layer (2015 data were available at that time) was converted to suitable/unsuitable classifications and compared to data collected in 2016 in a ground survey of land covers in a 252,225-acre study area around the RE Mustang Two project site (Estep 2017). The acreage of suitable foraging habitat calculated by HELIX differed from the acreage identified by Estep (2017) by -6,331 acres (-3.1 percent), which suggests that the desktop

analysis provides a reliable and conservative indicator of the amount of suitable foraging habitat at a landscape scale.

Swainson's Hawk Nest Data

Spatially explicit data on SWHA nest locations in the study area were obtained from the following public sources: a comprehensive ground survey performed in 2011 for the Tranquillity Solar project that is immediately adjacent to the Luna Valley Solar project (to the south) for all SWHA nesting pairs within a 10-mile radius of the Tranquillity Solar project site (Estep 2011), a comprehensive ground survey of SWHA nests in the central San Joaquin Valley that includes the project site (Estep and Dinsdale 2012), a comprehensive ground survey performed in 2016 for the adjacent Scarlet Solar project (to the east) that included a survey for all SWHA nesting pairs within a 10-mile radius of the Scarlet Solar project site (Estep 2016), SWHA protocol surveys within a 1-mile radius of the project site conducted in spring/summer 2020 by Tetra Tech under contract with Clearway (Tetra Tech, in prep), SWHA protocol surveys within a 0.5-mile radius of the Scarlet Solar project site conducted by HELIX in 2018, and California Natural Diversity Database (CNDDDB) records.

Reconnaissance Surveys

HELIX biologists conducted reconnaissance surveys to ground truth the land cover data and SWHA nest data obtained during the desktop review as discussed above. HELIX wildlife biologists Patrick Martin and Stephanie McLaughlin, M.S. conducted a reconnaissance survey of the study area from June 30 to July 2, 2020. The reconnaissance survey included driving on public roads and other public accessible areas and noting land cover types as well as accessing all of the reported SWHA nests within the study area to determine whether the nest/nest tree appeared to be present and suitable for use by SWHA.

Cumulative Projects

Data on other existing, planned, and reasonably foreseeable solar projects (cumulative projects) in the study area were obtained from Fresno County. Cumulative projects were classified as Constructed/Not Constructed for purposes of analysis.

RESULTS

Swainson's Hawk

SWHA was state listed as a California threatened species on April 17, 1983. This species has no federal listing status.

SWHA is an uncommon breeding resident and migrant in the Central Valley, Klamath Basin, Northeastern Plateau, Lassen County, and the Mojave Desert. There has been very limited SWHA breeding reported from Lanfair Valley, Owens Valley, Fish Lake Valley, Antelope Valley, and in eastern San Luis Obispo County. SWHA breeds in stands with few trees in juniper-sage flats, riparian areas, and in oak savannah in the Central Valley and forages in adjacent grasslands or suitable grain or alfalfa fields, or livestock pastures. SWHAs breed in California and winter in Argentina, Mexico, and South America. SWHAs usually arrive in the Central Valley between March 1 and April 1 and migrate south between September and October. SWHAs usually nest in trees adjacent to suitable foraging habitat. SWHA nests

are usually located in trees near the edges of riparian stands, in lone trees or groves of trees in agricultural fields, and in mature roadside trees. Valley oak, Fremont cottonwood, walnut, and large willow with an average height of about 58 feet, and ranging from 41 to 82 feet, are the most commonly used nest trees in the Central Valley. Suitable foraging areas for SWHA include native grasslands or lightly grazed pastures, alfalfa and other hay crops, idle land, certain grain and row croplands, and ruderal lands. SWHAs primarily feed on voles; however, they will feed on a variety of prey including small mammals, birds, and insects.

Regional Population and Habitat Requirements

The regional population of SWHA that would potentially be directly or indirectly affected by the Luna Valley Solar project is 32 nesting pairs in a 240,143-acre study area. The nest locations are concentrated in the northern half of the study area and specifically in the northeastern quadrant (Figure 1). A total of 140,305 acres of suitable foraging habitat were identified in the study area; the remaining 99,838 acres contained unsuitable land uses for foraging (Figure 2). Of the suitable foraging habitat in the study area, 3,339 acres were High quality (alfalfa), 125,035 acres were Moderate quality, and 11,931 acres were Low quality (Figure 3). Overall, 91.5 percent of the suitable foraging habitat was Moderate- or High-quality habitat. Figures are in Attachment A. Land uses in the study area are summarized in Table 1.

Table 1
SWHA FORAGING HABITAT IN THE STUDY AREA

Habitat Type	Area (ac)	% of Total
Grand Total	240,143	100.0
Suitable Habitat	140,305	58.4
High Quality (alfalfa)	3,339	2.4
Moderate Quality	125,035	89.1
Low Quality	11,931	8.5
Unsuitable Habitat	99,838	41.6

Most nests (78 percent) were more than 4 miles from the project site boundary (Figure 4), and the largest concentration of nests (9 nests) was 8-9 miles from the project site. The approximate overlap of the potential foraging area and the study area was calculated for each nest using Equation 1. The weighted average overlap of all nests with the study area was 0.61 (Table 2).

Table 2
PROPORTION OF POTENTIAL FORAGING AREA INSIDE THE STUDY AREA

Distance Increment (mi)	Number of Nests	Overlap
0-1	2	0.968
1-2	2	0.905
2-3	3	0.841
3-4	1	0.778
4-5	2	0.716
5-6	4	0.654
6-7	1	0.594
7-8	2	0.534

8-9	9	0.476
9-10	6	0.419
Weighted Average		0.611

Using the results discussed above, the total acreage of foraging habitat required in the study area to sustain the regional population of SWHA was calculated using Equation 2:

$$Y = 32 \cdot 6,820 \cdot 0.6 \cdot 0.91 \cdot 0.61 = 72,687$$

Where 32 is the size of the regional population (n); 6,820 is the baseline average home range size; 0.6 is the correction for 40 percent overlap among home ranges (p); 0.91 is the proportion of the suitable foraging habitat in the study area that is Moderate- or High-quality (q); and 0.61 is the weighted average proportion of potential foraging area for all nest territories in the regional population that is inside the study area (r).

According to Equation 2, the total amount of foraging habitat in the study area required by the regional SWHA population is 72,687 acres. The total amount of suitable foraging habitat in the study area is 140,305 acres; therefore, there is a surplus of 67,618 acres of suitable foraging habitat in the study area. For purposes of this study, the CEQA significance threshold is 70 percent of the existing surplus, or 47,332 acres (Table 3).

Table 3
PROJECT IMPACTS AND CEQA SIGNIFICANCE THRESHOLD

	Existing	Remaining After Impact					
		Project 1,300	% of Existing	Cum. ¹ 14,187	% of Existing	Cum. ² 7,732	% of Existing
Foraging Habitat Required	72,687	--	--	--	--	--	--
Suitable Foraging Habitat	140,305	139,005	99.1	126,118	89.9	132,573	94.5
Surplus	67,618	66,318	98.1	53,431	79.0	59,886	88.6
CEQA Significance Threshold	47,332	--	--	--	--	--	--
Less than Significant Impact ³ /Surplus Remaining After Project Development	20,286	18,986	93.6	6,09	30.1	12,554	61.9

¹ Acreage of all existing, planned, or reasonably foreseeable solar projects within the study area used for the cumulative analysis

² Acreage of all existing, planned, or reasonably foreseeable solar projects within the study area that provide suitable foraging habitat for SWHA (see discussion in *Cumulative Impacts*).

³ Impact acreage that would be below the CEQA threshold of significance, or 67,618-47,332=67,618·0.3=20,286

Project Impacts and Mitigation

Nesting

Impacts

Because there are no trees or other suitable nesting structures on the project site, the project would not remove SWHA nesting habitat. Project construction/decommissioning activities within 0.25-mile of suitable trees could potentially disturb nesting SWHAs using those trees. There is one documented active SWHA nest within 0.5-mile of the project site that was confirmed during surveys in 2020 to be active.

CDFW management protocols for SWHA (CDFW 1994) stipulate a 0.25-mile buffer for “intensive new disturbances” around active nests, extended to 0.5-mile outside urban areas where disturbance is not a normal occurrence during the nesting season. CDFW (1994) cites heavy equipment operation, use of cranes or draglines, and rock crushing as examples of “intensive disturbance”. Normal agricultural operations in the vicinity of the project site include disking and plowing of fields by large (6-8 wheel) tractors and combine harvesters, and periodic presence of scores of agricultural laborers during planting and harvest. Therefore, intensive disturbances in the vicinity of active nests during the nesting season is the existing condition.

Equipment used for construction of the proposed project would include road graders (bladers), small self-contained drill rigs for boring support post holes, front loaders and forklifts, and semi-trucks. These vehicles and activities would not cause noise, dust emissions, or vibration greater than that typical of large agricultural equipment used in the region, nor would the impacts from such equipment and activities rise to the level of disturbance caused by heavy equipment, cranes or draglines, or rock crushing. Because the project activities would not result in an increased level of disturbance above the existing condition, an extended (0.5-mile) buffer would not be warranted for the project, and a 0.25-mile buffer would be sufficient to protect active SWHA nests from disturbance.

Mitigation

Implementation of the proposed mitigation measure below would reduce project impacts to nesting SWHA to less than significant.

Mitigation Measure: Swainson’s Hawk Nest Avoidance. Prior to initiation of construction/decommissioning activities during the SWHA breeding season (March 1 through September 15), surveys shall be conducted by a qualified biologist to determine whether there are any active SWHA nests within 0.25-mile of the project site using the most recent published pre-construction survey protocols, if available. If an active SWHA nest is discovered, no construction would be permitted within 0.25 mile of the nest until the young have fledged. If it is not feasible to avoid construction within 0.25 mile of the nest until the young have fledged, the applicant shall implement additional avoidance and minimization measures to ensure avoidance of take of SWHA as defined under the California Endangered Species Act, initiate consultation with CDFW, or obtain take authorization under the California Endangered Species Act, Section 2080.1 or 2081 of the Fish and Game Code prior to starting any construction-related activities within 0.25-mile of the nest(s). Avoidance measures may include, but are not limited to, installation of physical barriers to reduce noise or visual impacts to the nest, modifying construction

activities within close proximity to the nest (e.g. restricting pedestrian traffic and human presence outside of construction vehicles), and biological monitoring during construction to determine if the nesting birds are being disturbed.. Construction-related activities may commence in parts of the project site greater than 0.25-mile from the nest(s). If no active nests are discovered, no further action is required.

Foraging

Project-Level Impacts

The proposed project would result in conversion of 1,300 acres of active agricultural land in the study area into a solar PV generating facility. For purposes of this analysis, solar facilities are considered a land use unsuitable for SWHA foraging. Removal of 1,300 acres of habitat would reduce the surplus SWHA foraging habitat in the study area to 66,318 acres, which is 98.1 percent of the existing surplus, and well above the 70-percent CEQA significance threshold (Table 3). The project impact to the regional population of SWHA through foraging habitat loss would be less than significant, and no compensatory mitigation for impacts to foraging habitat would be required.

Cumulative Impacts

In addition to a project-specific assessment, CEQA also requires that a cumulative assessment be conducted to determine whether the project's incremental impacts are cumulatively considerable when added to other past, present, and reasonably foreseeable future actions. To do this, the study area is used as the cumulative impact assessment area. For purposes of this assessment, the cumulative impact is defined as all existing planned and proposed solar energy projects within the 10-mile radius study area (Figure 5).

Including the proposed Luna Valley Solar project, there are approximately 11 existing, planned, or reasonably foreseeable solar projects in the study area (Figure 5). The total area of these cumulative projects is 14,187 acres. The proposed project represents approximately 9.1 percent of the cumulative impact area. Development of all of the cumulative projects would reduce the surplus SWHA foraging habitat in the study area to 53,431 acres, which is 79.0 percent of the existing surplus and above the 70-percent CEQA significance threshold (Table 3).

Although all of the existing, planned, or reasonably foreseeable solar projects in the study area were considered in support of the cumulative analysis, it is worth noting that roughly half of the land proposed for development under the cumulative projects is already in unsuitable land uses. Of the 14,187 acres of cumulative projects, 338 acres are currently unbuilt and unsuitable for SWHA foraging and 6,117 acres are existing solar facilities already classified as unsuitable foraging habitat in this analysis. The remaining 7,732 acres of unbuilt cumulative projects [including the proposed project (6,432 + 1,300)] contain suitable foraging habitat (Figure 6). Considering only impacts to suitable foraging habitat, the cumulative impact would be 7,732 acres and the surplus remaining after development would be 59,886 acres, which is 88.6 percent of the existing surplus (Table3).

The project would contribute to a less than significant cumulative impact to the regional population of SWHA through foraging habitat loss, and no compensatory mitigation would be required.

DISCUSSION

Conclusions

Swainson's Hawk Nesting Impacts

The proposed Luna Valley Solar project would potentially result in significant impacts to nesting SWHA if there was an active SWHA nest within 0.25-mile of the project site at the initiation of construction activities. This potential impact would be less than significant after implementation of Mitigation Measure BIO-2: *Swainson's Hawk Nest Avoidance*.

Swainson's Hawk Foraging Impacts

The proposed Luna Valley solar project would not result in a significant impact to the regional population of SWHA through loss of suitable foraging habitat, nor would it contribute to a significant cumulative impact in concert with other existing, planned, or reasonably foreseeable solar projects. After project development, the amount of surplus suitable foraging habitat for SWHA in the study area would remain greater than 70 percent of the existing surplus and therefore provide sufficient surplus foraging habitat to allow for population growth and resiliency to disturbance, as well as to changes to the foraging landscape through changes in agricultural land uses.

The analysis performed for this study is based on previously accepted methods (Estep 2017, 2015, 2011) and makes use of the best available data. The analysis considers impacts to SWHA at a more biologically realistic scale than the method employed in the 1994 CDFW guidelines while remaining logistically feasible as well as generalizable to a wide range of projects and locations. The most limiting factor in the analysis is the need for a suitably current and accurate census of active SWHA nest territories in the study area. The CDFW guidelines define an active SWHA nest location as one that has been active in any of the previous 5 years; therefore, primary nest data for the study area should come from a ground survey within the previous 5 years. In this case, the majority of the study area has been surveyed for SWHA within the last 5 years between comprehensive ground surveys conducted within a 10-mile radius of the adjacent Scarlet Solar project site (Estep 2016) and SWHA protocol surveys within a 1-mile radius of the project site conducted in spring/summer 2020 by Tetra Tech (Tetra Tech, in prep). Data from CNDDDB, Estep (2011) and Estep and Dinsdale (2012) were used to supplement these data.

Comprehensive ground surveys of approximately 900,000 acres of land within Fresno and Kings counties revealed an estimated density of 0.07 SWHA nesting territories per square mile (Estep 2011). Studies of the adjacent Scarlet Solar project estimated a density of 0.07 SWHA nesting territories per square mile (HELIX 2018b). For this Luna Valley Solar study, there is an estimated 0.09 SWHA nesting territories per square mile, which is slightly higher than previous studies in the region and may be the result of double counting SWHA nest territories as pairs move from one location to another or alternatively could indicate a slight increase in the population. In any case, because the accounting of SWHA nests for this study is similar or slightly greater than other studies in the region, the estimated 32 regional pairs of SWHA used to inform the foraging needs of the regional population of SWHA for this study is considered to provide a reliable estimate of the amount of foraging habitat required to sustain the regional population and may slightly overestimate the amount of foraging habitat needed.

The loss of 1,300 acres of agricultural land will not affect the distribution or abundance of nesting Swainson's hawks in the study area. Because it represents only 0.9% of the available foraging habitat within the study area, its conversion is negligible relative to availability, and particularly with regard to the relatively small number of Swainson's hawks that nest in the study area. The loss of 1,300 acres of agricultural land would not represent a significant loss of foraging habitat for Swainson's hawks and does not represent a significant CEQA impact. At the cumulative level considering other solar projects in the study area, all existing and proposed solar projects represent approximately 10% of the total available foraging habitat within the study area which leaves significantly more foraging habitat than is needed by the regional population.

In conclusion, the proposed project would not result in a significant reduction (based on the significance threshold and assessment methods used here) of available Swainson's hawk agricultural foraging habitat at either the project or cumulative level, and that as a result of this analysis no mitigation should be required as per CEQA guidance.

Distribution of SWHA Nests and Habitat in the Study Area

The distribution of SWHA nest territories in the study area is concentrated in the northeastern portion of the study area. Of the 32 mapped nests in the study area, 20 are in the northeastern quadrant of the study area roughly north of Manning Avenue and east of Highway 33 where the majority of the moderate to high quality foraging habitat is accessible (including the Mendota Wildlife Area), with the exception of the grasslands south and west of Interstate 5 in the southwest portion of the study area. Only 5 nests are located in the southern and western portions of the study area where unsuitable land uses are also very dense. This pattern may be driven partly by nest site availability, as suitable trees are scarce in the south and west of the study area; however, it also indicates that SWHA nesting may be driven by proximity to moderate and high-quality foraging habitat.

Distribution of Habitat and Impacts in the Study Area (Sub-area Analysis)

Given the concentration of SWHA nests in the northeastern quadrant of the study area, it is evident that a large portion of the study area in the south and west may be of limited value to all but a few nest territories. This pattern has been noted in other studies of this type and addressed through a "sub-area analysis" (Estep 2017, 2011). The sub-area analysis typically removes a large portion of the study area where nests are at very low density and repeats the analysis of required and available foraging habitat with a greatly reduced acreage of available habitat compared to the remaining regional population. The project site is always retained in the sub-area if such an analysis is done (Estep 2017, 2011). In cases where the project site would logically be excluded from the sub-area, such as when the distribution of nests is highly concentrated in one quadrant of the study area, a sub-area analysis is not warranted, as the underlying rationale for it implies that the project site is not currently important to the maintenance of the regional population. For this project, the sub area analysis was not considered to be appropriate. The distribution of nests is so concentrated that the project site appears to be peripheral to the regional population and a logical "sub-area analysis" would not include the proposed project site. Therefore, a sub-area analysis was not done for this study.

Letter to Ms. Aarty Joshi
August 26, 2020

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Sincerely,

Stephen Stringer

Stephen Stringer, M.S.
Principal Biologist

Attachments:

Attachment A: Figures

Attachment B: Land Use Crosswalk

REFERENCES

- Babcock, K.W. 1995. Home range and habitat use of breeding Swainson's hawks in the Sacramento Valley of California. *Journal of Raptor Research*, 29(3): 193-197.
- Bechard, M. J. 1982. Effect of Vegetative Cover on Foraging Site Selection by Swainson's Hawk. *Condor* 84:153-159.
- California Department of Fish and Wildlife (CDFW). 1994. Staff Report Regarding Mitigation for Impacts to Swainson's Hawks (*Buteo swainsoni*) in the Central Valley of California. November 1.
- Estep, J. 2017. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Mustang 2 Solar Generating Facility. Prepared by Estep Environmental Consulting, Sacramento, CA, for RE Mustang Two LLC, San Francisco, CA. January.
- Estep 2016. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Scarlet Solar Generation Facility. Prepared for RE Scarlet LLC. September.
2015. A Proposed Conservation Strategy for the Swainson's Hawk in Yolo County. Prepared for the Yolo County Natural Heritage Program. March 20, 2015.
2013. Swainson's hawk and other foraging raptor use of solar array fields within an agricultural landscape in Sacramento County. Prepared for Recurrent Energy, San Francisco, CA. October.
2011. The distribution and abundance of nesting Swainson's hawks in the vicinity of the proposed RE Tranquillity LLC solar generating facility. Prepared by Estep Environmental Consulting, Sacramento, CA, for RE Tranquillity LLC, San Francisco, CA. November.
2009. The influence of vegetation structure on Swainson's Hawk (*Buteo swainsoni*) foraging habitat suitability in Yolo County, CA. Yolo County Habitat- Natural Community Conservation Plan (<http://www.yoloconservationplan.org/>.2013).
1989. Biology, movements, and habitat relationships of the Swainson's hawk in the Central Valley of California, 1986-1987. California Department of Fish and Game, Wildlife Management Division, Nongame Bird and Mammal Section, Sacramento, CA.
- Estep, J.A. and J.L. Dinsdale. 2012. Distribution, abundance, and habitat associations of nesting Swainson's hawks in the central San Joaquin Valley, California. *CVBC Bulletin*, 15(4): 84-106.
- HELIX Environmental Planning, Inc. (HELIX). 2018. Swainson's Hawk Foraging Use of a Large-scale Solar Generating Facility in an Agricultural Landscape. February.
- 2018a. RE Scarlet Solar Generation Project, Fresno County – Analysis of Impacts to Swainson's Hawk Foraging Habitat. Prepared for Recurrent Energy. October.
- 2018b. Swainson's Hawk Foraging Use of a Large-scale Solar Generating Facility in an Agricultural Landscape. February.

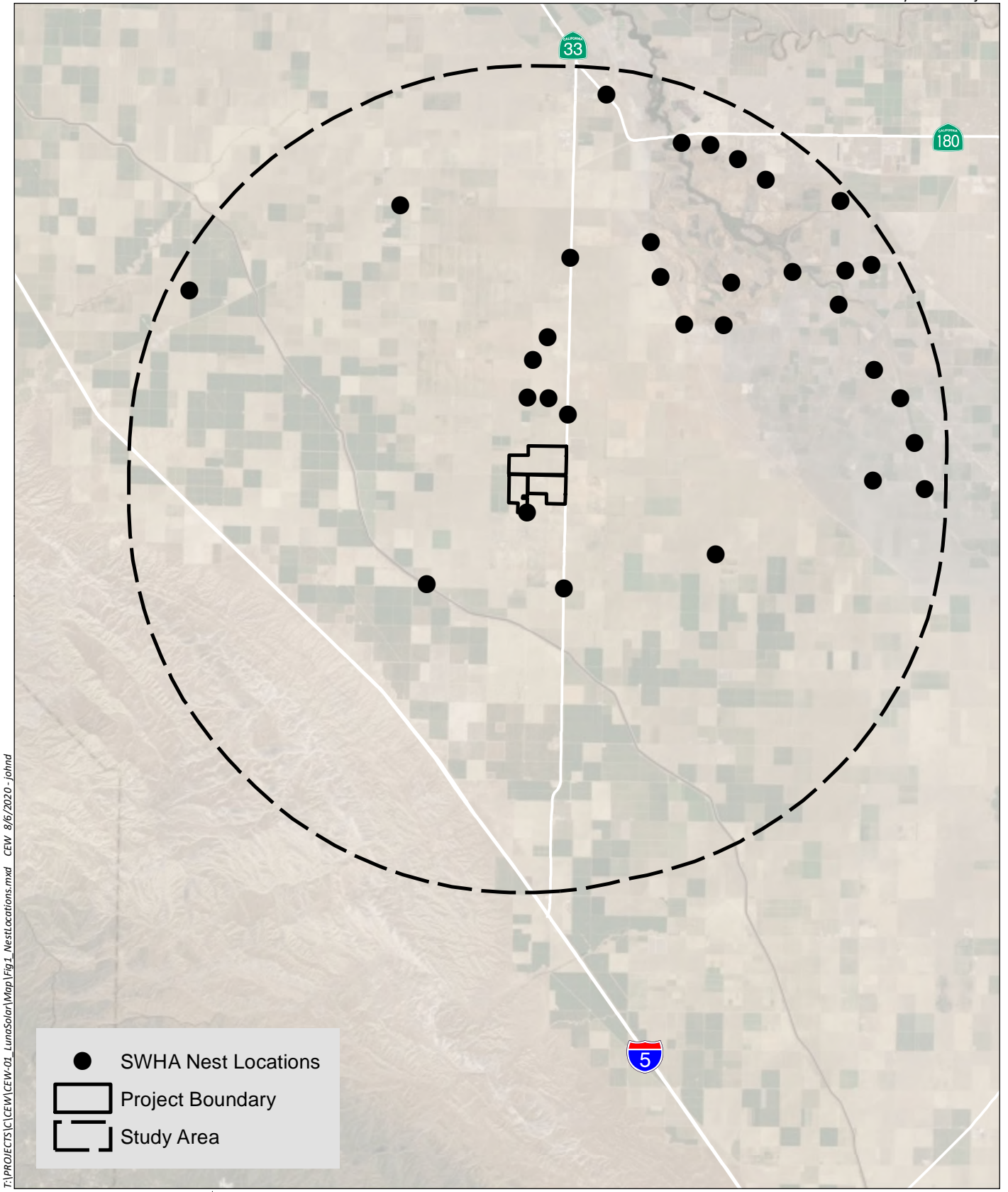
Swainson's Hawk Technical Advisory Committee (SHTAC). 2000. Recommended timing and methodology for Swainson's hawk nesting surveys in California's central valley. May 31.

Swolgaard, C.A., K.A. Reeves, and D.A. Bell. 2008. Foraging by Swainson's hawks in a vineyard-dominated landscape. *Journal of Raptor Research*, 42(3): 188-196.

Woodbridge, B. 1991. Habitat selection by nesting Swainson's hawks: a hierarchical approach. M.S. thesis, Oregon State University, Corvallis.

Attachment A

Figures



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- SWHA Nest Locations
- ▭ Project Boundary
- ▭ Study Area

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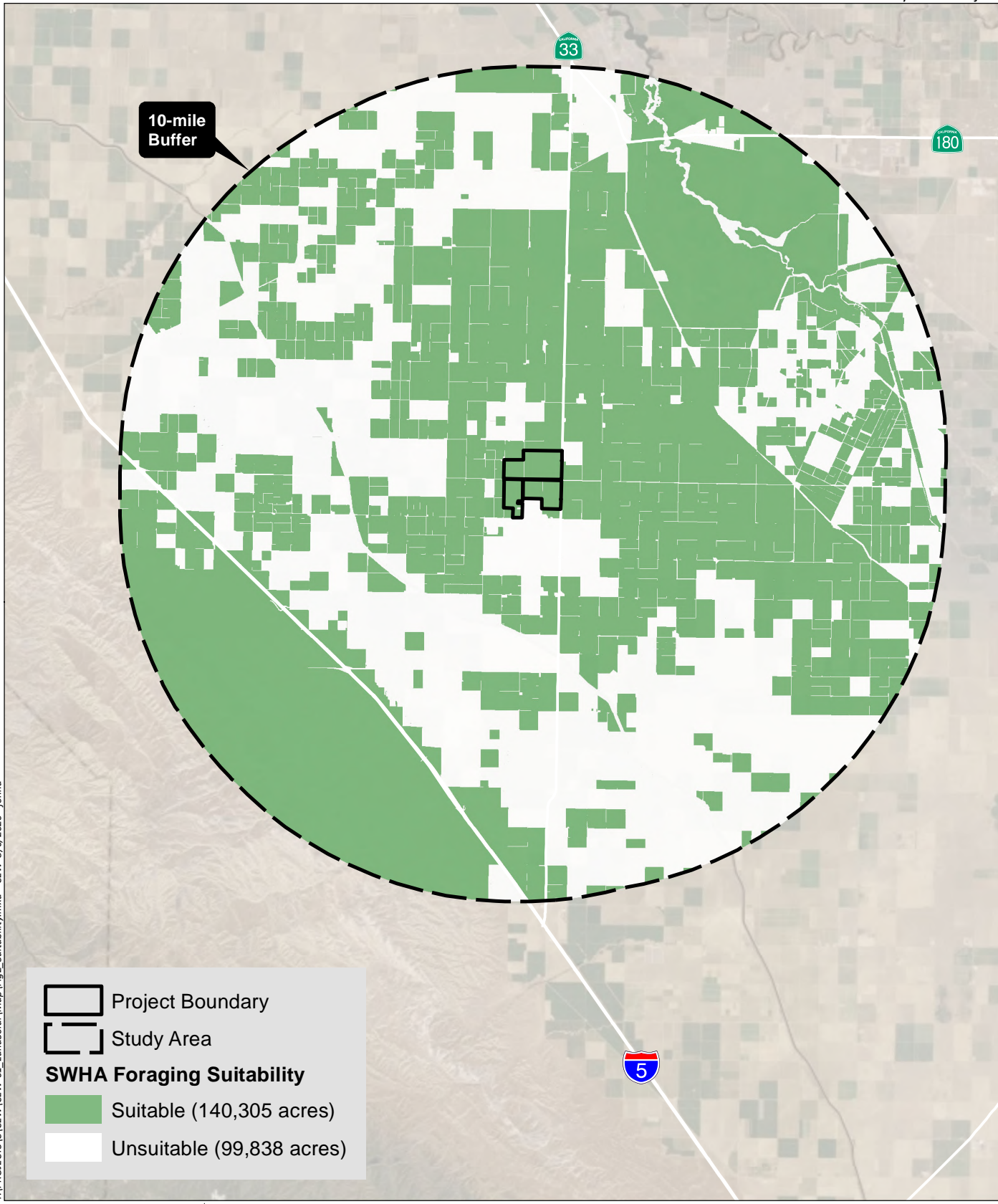
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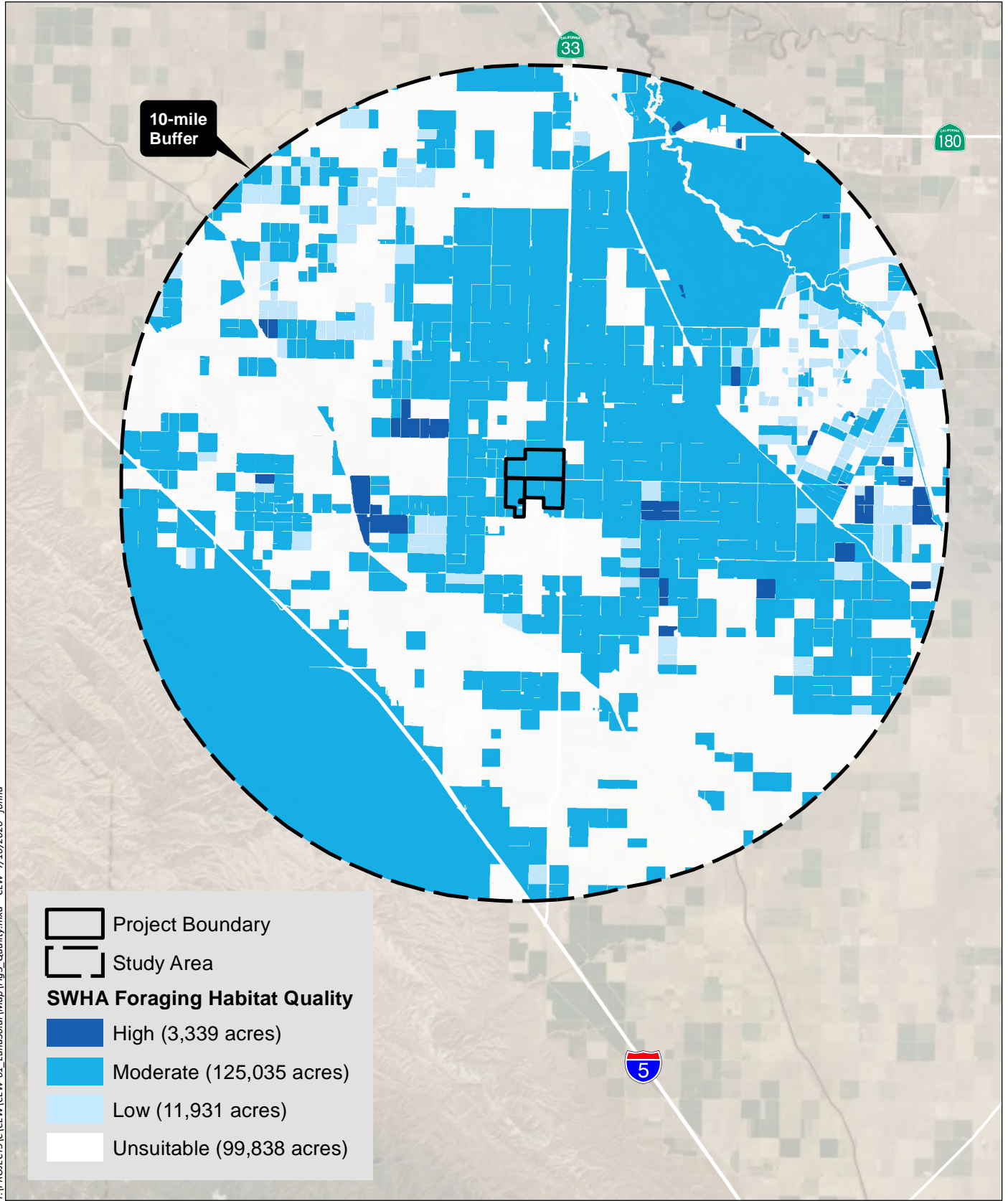
Swainson's Hawk Nest Locations

Figure 1

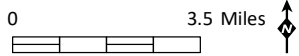
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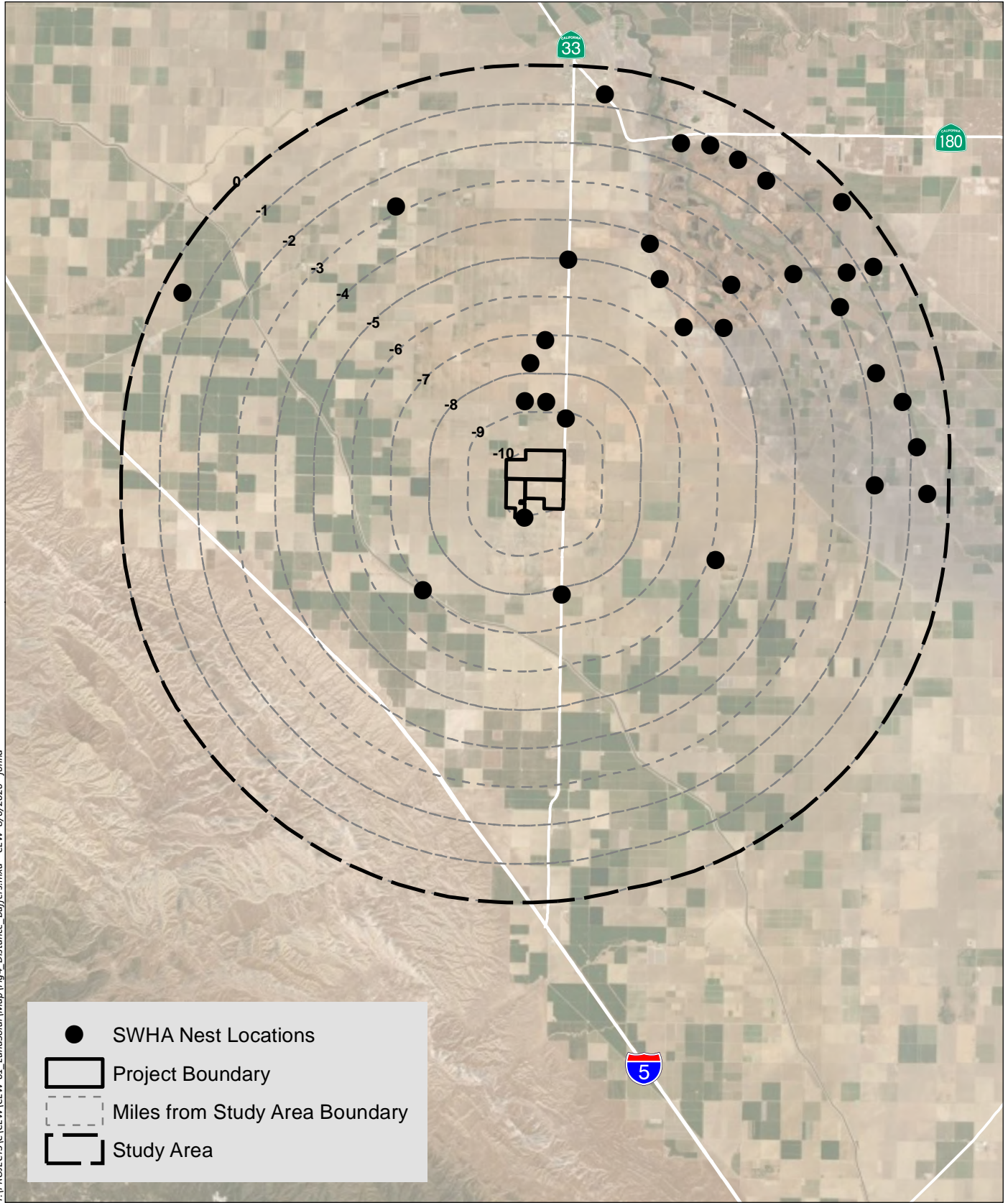
Sources: Basemap (ESRI), SWHA Suitability (CA DWR Crop Data 2019)



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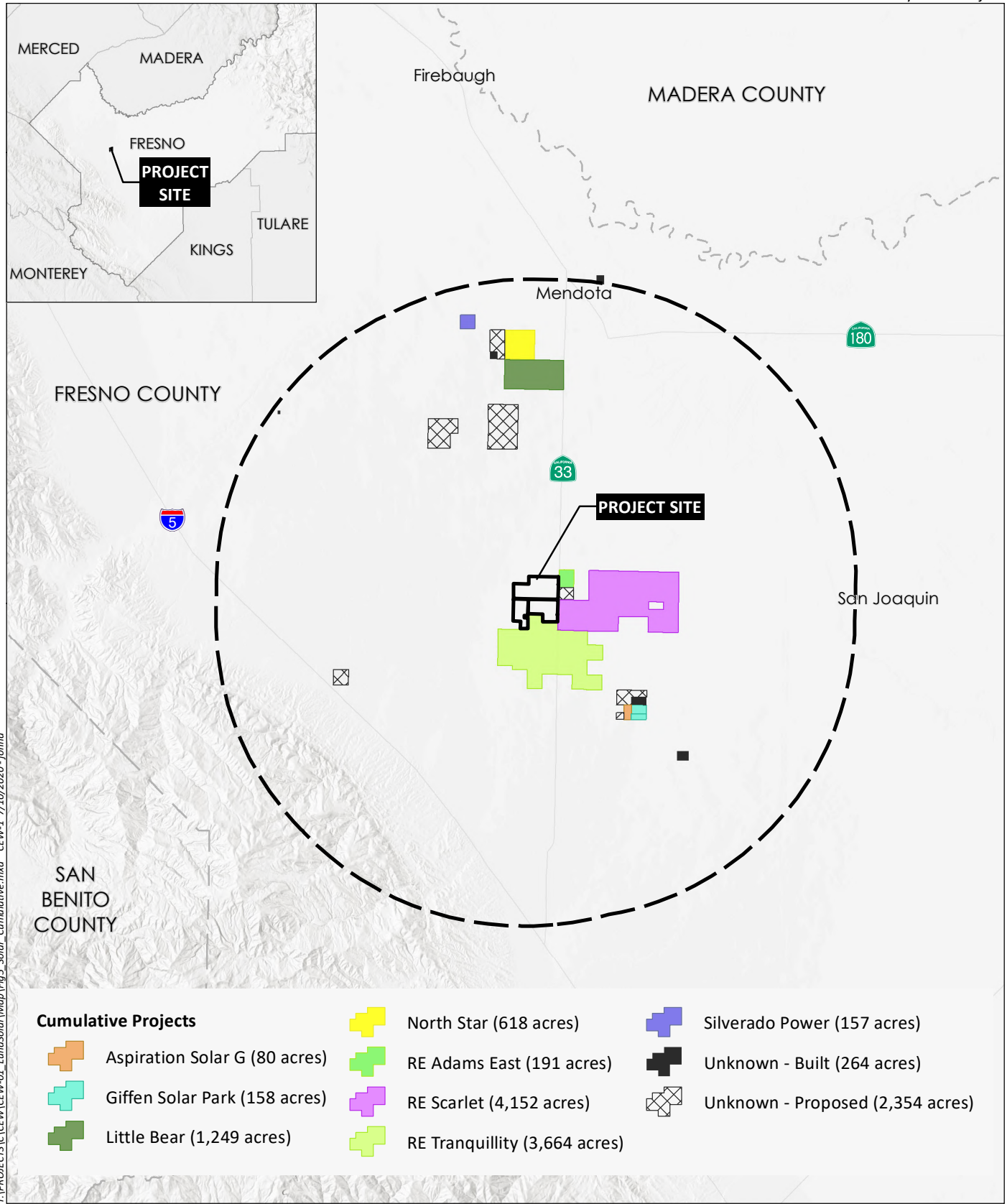


Sources: Basemap (ESRI), SWHA Suitability (CA DWR Crop Data 2019)



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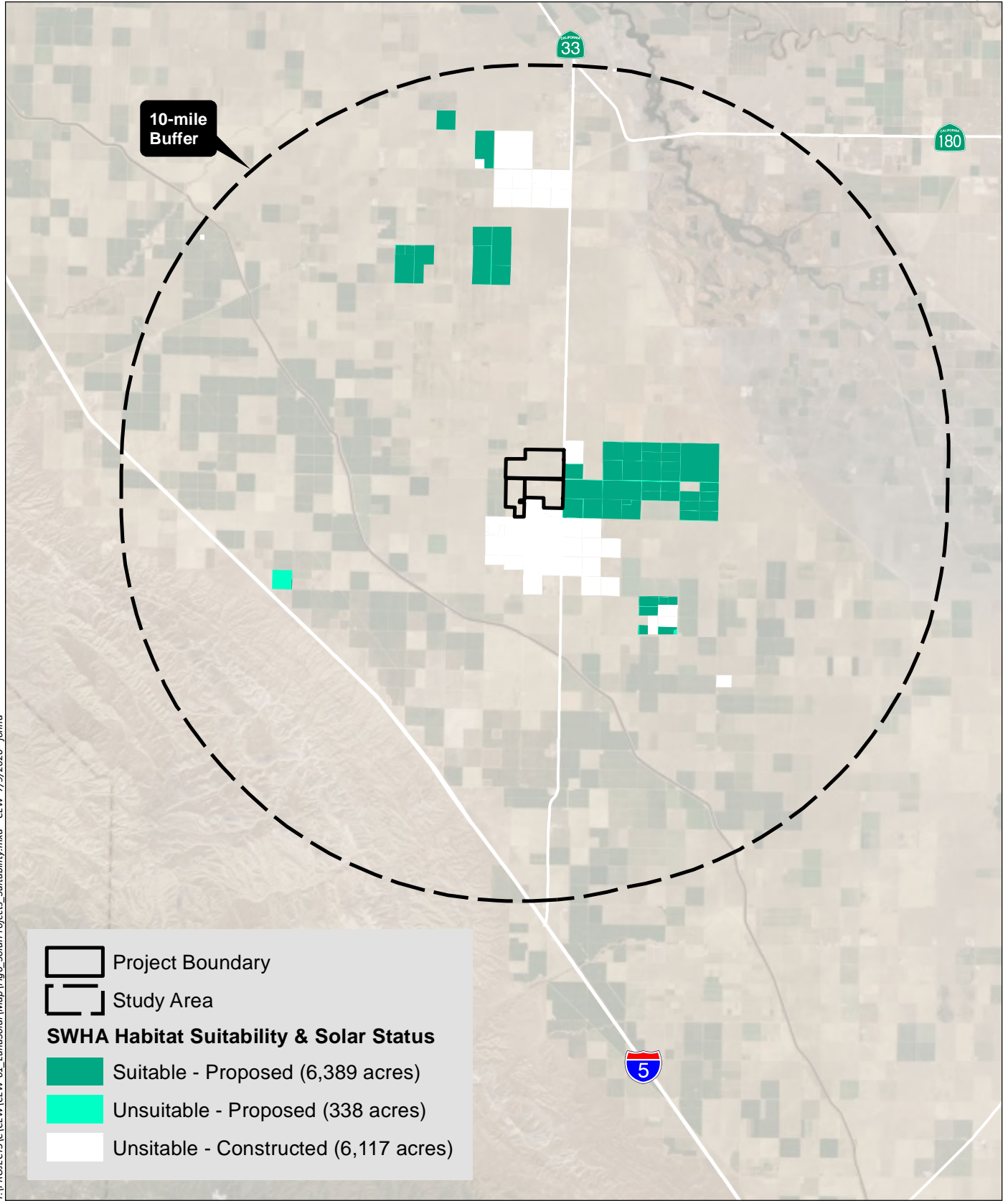
Sources: Basemap (ESRI), SWHA Suitability (CNDDb, 2020; Estep, 2016; Helix, 2020)



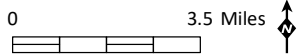
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Sources: Basemap (ESRI), Solar Projects (Fresno County, Estep 2016)





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Sources: Basemap (ESRI), SWHA Suitability (CA DWR Crop Data 2019)

Attachment B

Land Use Crosswalk

CLASS_NAME	LandType	Foraging (Y or N)	Quality	
developed	Developed/urban	N		0
Freshwater Forested/Shr*	Riparian/wetland/open water	N		0
Riverine	Riparian/wetland/open water	N		0
Corn	Irrigated Cropland	Y	Low	
Cotton	Irrigated Cropland	Y	Low	
Sorghum	Irrigated Cropland	Y	Mod	
Sweet Corn	Irrigated Cropland	Y	Low	
Barley	Irrigated Cropland	Y	Mod	
Durum Wheat	Irrigated Cropland	Y	Mod	
Spring Wheat	Irrigated Cropland	Y	Low	
Winter Wheat	Irrigated Cropland	Y	Mod	
Rye	Irrigated Cropland	Y	Mod	
Rice	Irrigated Cropland	N		0
Oats	Irrigated Cropland	Y	Mod	
Safflower	Irrigated Cropland	Y	Low	
Alfalfa	Alfalfa and hay crop	Y	High	
Other Hay/Non Alfalfa	Alfalfa and hay crop	Y	Mod	
Sugarbeets	Irrigated Cropland	Y	Mod	
Dry Beans	Irrigated Cropland	Y	Low	
Potatoes	Irrigated Cropland	Y	Mod	
Other Crops	Irrigated Cropland	Y	Low	
Watermelons	Irrigated Cropland	Y	Low	
Onions	Irrigated Cropland	Y	Mod	
Cucumbers	Irrigated Cropland	Y	Low	
Peas	Irrigated Cropland	Y	Low	
Tomatoes	Irrigated Cropland	Y	Mod	
Herbs	Irrigated Cropland	Y	Mod	
Fallow/Idle Cropland	Irrigated Cropland	Y	Mod	
Cherries	Orchard/vineyard	N		0
Pears	Orchard/vineyard	N		0
Peaches	Orchard/vineyard	N		0
Grapes	Orchard/vineyard	N		0
Other Tree Crops	Orchard/vineyard	N		0
Citrus	Orchard/vineyard	N		0
Pecans	Orchard/vineyard	N		0
Almonds	Orchard/vineyard	N		0
Walnuts	Orchard/vineyard	N		0
Open Water	Riparian/wetland/open water	N		0
Developed/Open Space	Developed/urban	N		0
Developed/Low Intensity	Developed/urban	N		0
Developed/Med Intensity	Developed/urban	N		0
Developed/High Intensity	Developed/urban	N		0
Barren	Developed/urban	N		0
Deciduous Forest	Forest/shrubland	N		0
Evergreen Forest	Forest/shrubland	N		0
Mixed Forest	Forest/shrubland	N		0
Shrubland	Natural lands	Y	Mod	
Grassland/Pasture	irrigated pasture	Y	Mod	
Woody Wetlands	Riparian/wetland/open water	N		0
Herbaceous Wetlands	Natural lands	Y	Mod	
Pistachios	Orchard/vineyard	N		0
Triticale	Irrigated Cropland	Y	Mod	
Carrots	Irrigated Cropland	Y	Mod	
Garlic	Irrigated Cropland	Y	Mod	
Cantaloupes	Irrigated Cropland	Y	Low	
Olives	Orchard/vineyard	N		0

Oranges	Orchard/vineyard	N		0
Honeydew Melons	Irrigated Cropland	Y	Low	
Broccoli	Irrigated Cropland	Y	Low	
Peppers	Irrigated Cropland	Y	Low	
Pomegranates	Orchard/vineyard	N		0
Nectarines	Orchard/vineyard	N		0
Plums	Orchard/vineyard	N		0
Dbl Crop WinWht/Corn	Irrigated Cropland	Y	Mod	
Dbl Crop Oats/Corn	Irrigated Cropland	Y	Mod	
Lettuce	Irrigated Cropland	Y	Mod	
Dbl Crop WinWht/Sorghum	Irrigated Cropland	Y	Mod	
Dbl Crop Barley/Corn	Irrigated Cropland	Y	Mod	
Dbl Crop WinWht/Cotton	Irrigated Cropland	Y	Mod	
Blueberries	Orchard/vineyard	N		0
Freshwater Emergent Wet*	Natural lands	N		0
Freshwater Pond	Riparian/wetland/open water	N		0
Lake	Riparian/wetland/open water	N		0
Sod/Grass Seed	Developed/urban	N		0

Appendix F3

Burrowing Owl Survey Report



BURROWING OWL SURVEY REPORT

**Luna Valley Solar Project
Fresno County, California**



January 21, 2021

 **Clearway**
Luna Valley Solar I, LLC

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APPENDICES

Appendix A	Site Plans
Appendix B	BUOW Survey Datasheets
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ACRONYMS/ABBREVIATIONS

BSA	biological study area
BUOW	burrowing owl
CDFW	California Department of Fish and Wildlife
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
GPS	Global Positioning System
NRCS	National Resources Conservation Service
Project	Luna Valley Solar Project
Project proponent	Luna Valley Solar I, LLC
SSC	Species of Special Concern
Tetra Tech	Tetra Tech, Inc.
USDA	United States Department of Agriculture
USGS	United States Geological Survey

1.0 INTRODUCTION

Tetra Tech, Inc. (Tetra Tech) prepared this Burrowing Owl Survey Report for the proposed Luna Valley Solar Project (Project). Luna Valley Solar I, LLC (Project proponent) proposes to develop approximately 1,300 acres of land (Project site) located in the unincorporated community of Levis, Fresno County, California, for the development of a solar energy facility. This report has been prepared to document the burrowing owl (*Athene cunicularia*) survey methods, results, impact assessment, and recommendations, in accordance with the guidelines stated in the *Burrowing Owl Survey Protocol and Mitigation Guidelines*, and Appendices C and D in the *Staff Report on Burrowing Owl Mitigation* (The California Burrowing Owl Consortium 1993, California Department of Fish and Game 2012).

Burrowing owl (BUOW) use a variety of habitat types characterized by low-growing vegetation and the presence of burrows or burrow-like structures (surrogate burrows). BUOW may utilize a site for breeding, foraging, overwintering, or transient/migration stops; therefore, a site that is utilized by BUOW may only be occupied for a short duration of a year. Agricultural land can be considered suitable habitat for BUOW, dependent upon the presence of burrowing mammals or suitable surrogate burrows. Current threats to California's BUOW population include habitat loss/fragmentation, eradication/displacement of ground squirrels and other burrowing mammals, and various other human disturbances (The California Burrowing Owl Consortium 1993, California Department of Fish and Game 2012). BUOW are a California Department of Fish and Wildlife (CDFW) Species of Special Concern (SSC) and a BLM Sensitive Species.

1.1 PROJECT SITE LOCATION

The Project site is located on approximately 1,300 acres of privately-owned, undeveloped, agricultural land owned by the Westlands Water District. The property is in the rural, unincorporated community of Levis, Fresno County, California (Figure 1). Levis is in the western section of Fresno County and within the westside valley area geographic region of the county. The region consists of a single broad, flat valley, drained by the San Joaquin River and its tributaries, bound by the Sierra Nevada to the east and the Coast Range to the west. The elevation ranges from about 185 to 215 feet above sea level. Historically, the dominant habitat types were arid grasslands and shrublands with expansive Valley Oak riparian woodlands and freshwater emergent wetlands in the proximity of water sources. Today, most of the land has been converted for agricultural uses. Levis is also located in Central California, within the Great Valley, also called the Central Valley, ecological section of the state (Figure 2). From the Project site, the nearest community is Tranquillity, a Census-Designated Place, approximately 9 miles to the northeast. The cities of Mendota and San Joaquin are approximately 10 miles north and east of Project area, respectively. The City of Fresno, the largest city in the county, is located approximately 35 miles northeast of the Project site.

The Project property is made up of 16 contiguous parcels with the following Assessor's Parcel Numbers: 028-060-34, 028-060-69, 028-060-70, 028-060-71, 028-060-72, 028-101-15, 028-101-17, 028-101-19, 028-101-29, 028-101-58, 028-101-59, 028-101-65, 028-101-69, 028-101-72, 028-101-74, and 028-101-77. The Project site is in the United States Geological Survey (USGS) Levis 7.5-Minute Topographic Quadrangle Map, within Township 15S, Range 14E, Sections 23, 24, 25, and 26, Mt. Diablo Principle Meridian (Figure 3).

The site has historically been used for dry-farmed (non -irrigated) agriculture (low-yield production of winter wheat and oats) and has been used for this purpose for the last 10 years. Agricultural land in this area has been documented to contain relatively high levels of selenium and a water table that does not provide sufficient drainage for commercially irrigated crops. During years in which rainfall is insufficient to produce crops, the land is grazed as rangeland grasses. Currently, some portions of the Project area lie fallow while the majority of the area is used to grow livestock fodder such as alfalfa.

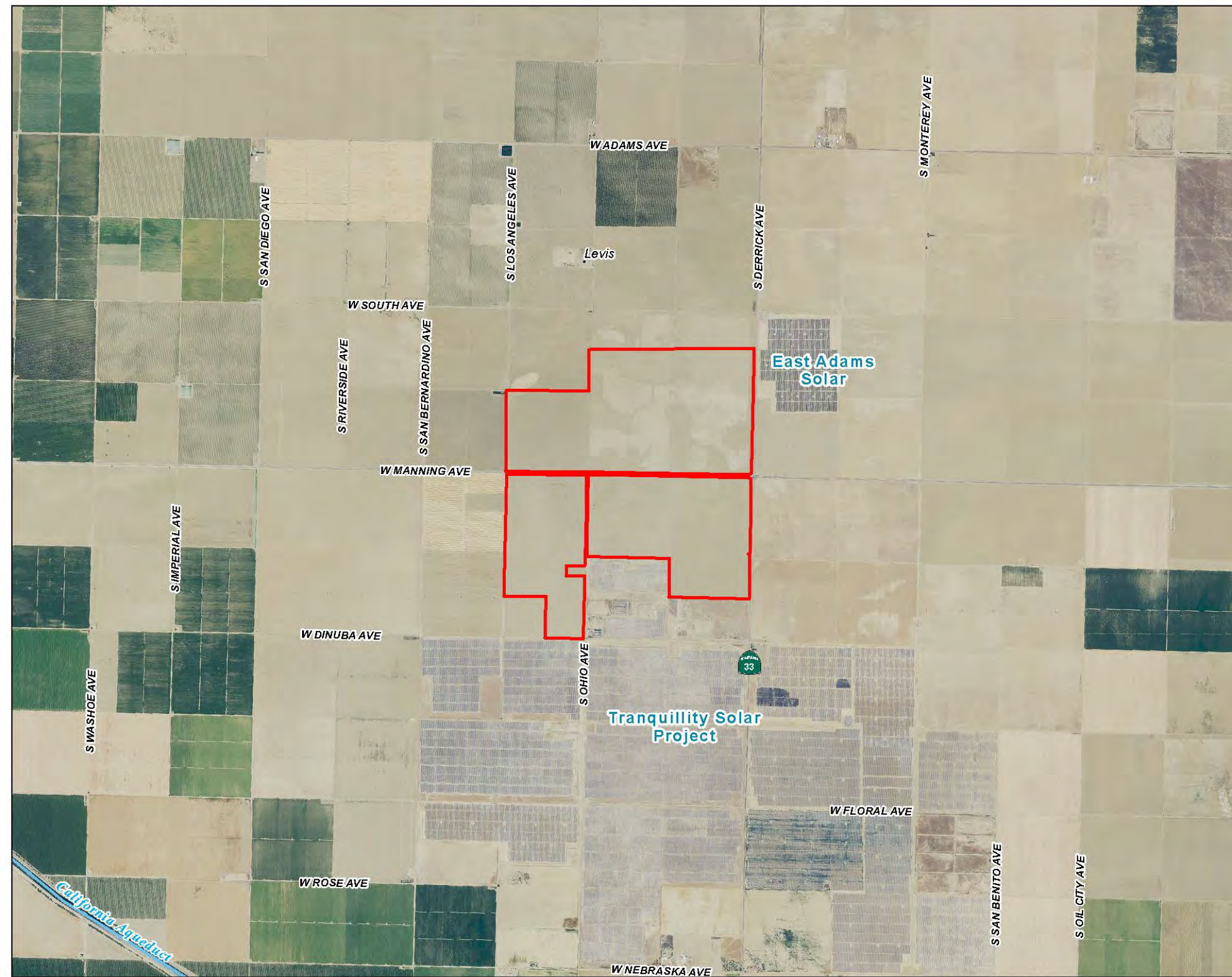


Luna Valley Solar Project
Fresno County, CA
Figure 1: Regional Overview



-  Project Site
-  County Boundary

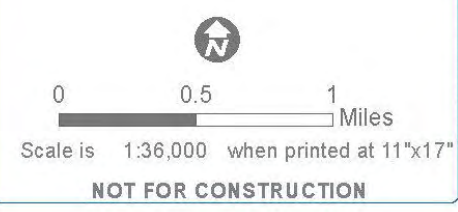
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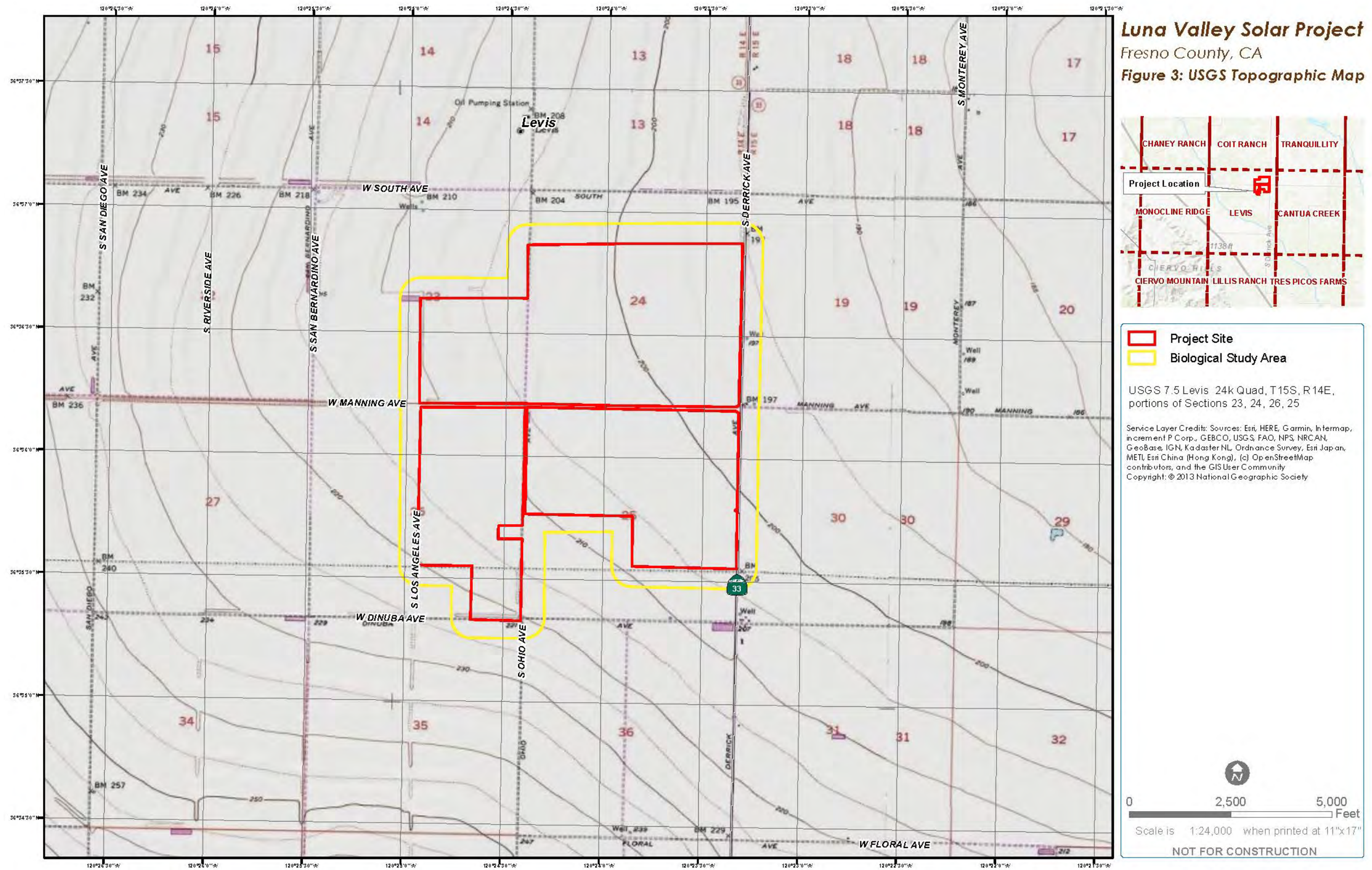
Luna Valley Solar Project
 Fresno County, CA
Figure 2: Project Vicinity



- Project Site
- Hydrology**
- Major River or Creek



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According to the United States Department of Agriculture (USDA) National Resources Conservation Service (NRCS) Web Soil Survey (2020), the Project site includes soils four types of soil. The soils are: Posochanet clay loam (approximately 40 percent of the site), Tranquillity clay (approximately 30 percent of the site), Ciervo clay (approximately 30 percent of the site), and Calfax clay loam (less than 1 percent of the site).

A paved road, W. Manning Avenue, cuts through the approximate middle of the Project site from east to west; State Route 33 (S. Derrick Avenue) borders the eastern portion of the Project site; S. Ohio Avenue, an unpaved road, cuts through the general middle of the Project site from north to south; and W. Dinuba Avenue, an unpaved road, borders the southernmost section of the Project site (Figure 2).

There are no access limitations to the Project site and one can reach the site from W. Manning Avenue, State Route 33 (S. Derrick Avenue), S. Ohio Avenue, W. Dinuba Avenue, and interior unpaved access roads. Most roadways in the Project vicinity are unimproved or paved without curb or sidewalk improvements. Interstate 5, located south and west of the Project site, is the only major transportation route near the site. W. Manning Avenue and State Route 33 can both be accessed by Interstate 5. The California Aqueduct generally parallels Interstate 5 and is also located south and west of the site. Both W. Manning Avenue and State Route 33 have bridges that cross over the aqueduct.

1.2 PROJECT DESCRIPTION

The Project consists of constructing and operating a photovoltaic solar electricity generating facility and energy storage system and associated infrastructure that would produce up to 200 megawatts of alternating current energy at the point of electrical grid interconnection on approximately 1,300 acres of privately-owned agricultural land. The Project would include the construction of:

- Solar arrays, including Process Control System skids, inverters, and transformers.
- Electrical substation and electrical interconnection facilities.
- Energy storage system.
- Operation and maintenance building.
- Septic system and leach field.
- Supervisory control and data acquisition system.
- Meteorological data system.
- Buried conduit for electrical wires.
- Overhead collector lines.
- On-site access roads and security fencing.

Construction is tentatively scheduled to begin in 2022 (start date is to be determined) and last approximately 16 months. Project construction would occur between 6:00 a.m. and 9:00 p.m., Monday through Friday, in compliance with the County's Code. A variety of equipment is planned for use during the 16-month construction phase including: skid steers, water trucks, welder, pickup trucks, bulldozers, front end loaders, graders, roller compactors, trenchers, forklifts, pile drivers, backhoes, crane, and aerial lifts. The average number of onsite personnel is anticipated to be approximately 200, with a peak in both personnel and equipment use during month seven of construction. Construction will consist of site preparation, grading, preparing staging areas and on-site access routes, and assembling the trackers and constructing electrical interconnection facilities. Because the site is already mostly flat, grading would be minimal. The facility would begin operation in 2023. Project site plans can be found in Appendix A, *Site Plans*.

2.0 METHODS

This section describes the literature search and field methods used for the protocol BUOW habitat assessment, burrow survey, breeding season survey, and winter season survey in accordance with the *Burrowing Owl Survey Protocol and Mitigation Guidelines*, and Appendices C and D in the *Staff Report on Burrowing Owl Mitigation* (The California Burrowing Owl Consortium 1993, CDFW 2012).

2.1 HABITAT ASSESSMENT AND BURROW SURVEY

A literature and data review of pertinent background information for the Project site was completed prior to fieldwork, which included the CDFW California Natural Diversity Database (CNDDDB) data (CDFW 2020), the USGS 7.5-Minute Topographic Map *Levis* Quadrangle, aerial imagery (Google Earth®), historic imagery (Google Earth® and Historic Aerials by Netronline [Netronline 2020]), and interactive maps. Topography describes the physical features of an area of land. The topographic features looked at include natural landforms, aquatic features, developed lands, agricultural lands, undeveloped lands, and terrain.

According to the CNDDDB, the closest BUOW occurrence record is approximately 5 miles east of the Project site (CDFW 2020). There are no records of BUOW occupying the Project site. BUOW was observed on the adjacent Tranquillity project site, which borders the Luna Valley Solar Project site to the south, during 2013 and 2014 surveys conducted by Rincon Consultants, Inc. (2013). The BUOW present on the Tranquillity site was considered a transient juvenile; four additional BUOW were determined to occupy burrows located adjacent to the Tranquillity project site (Rincon Consultants, Inc. 2013). Therefore, it was determined that the Luna Valley Solar Project site is in the known distributional range of the BUOW, and a habitat assessment and BUOW Phase 2 transects were surveyed in accordance with the *Burrowing Owl Survey Protocol and Mitigation Guidelines* (The California Burrowing Owl Consortium 1993) and Appendix C in the *Staff Report on Burrowing Owl Mitigation* (CDFW 2012).

The habitat assessment and Phase 2 transects were conducted from May 4, 2020 through May 8, 2020, by Tetra Tech biologists Nikki Bottum, Daniel Berg, and Monique O'Conner. Biologists ascertained existing site conditions, mapped vegetation communities in accordance with the *Manual of California Vegetation, Second Edition* (Sawyer et al. 2009), and surveyed the entire Project site for potential burrows and burrow surrogates by walking 30-meter interval transects. Burrow transects were walked during optimal weather conditions (no heavy rain or fog) to allow for the greatest visibility possible. 100 percent visual coverage of the Project site ground surface was achieved. In addition, a 150-meter (approximately 500-foot) buffer zone around the Project site was surveyed for potential burrows and burrow surrogates using binoculars, due to access limitations. A burrow/burrow surrogate was considered suitable for BUOW if it was equal or greater than 11 cm [4.3 inches] in diameter [height and width] and 150 cm [59 inches] in depth (Johnson et al. 2010). Potential surrogate burrows consisted of man-made structures such as pipes, culverts, debris piles, or other various openings that met the size criteria stated above. All potentially suitable burrows and burrow surrogates were mapped using the Collector mobile application paired with a sub-meter accuracy Arrow 100 Global Positioning System (GPS) device and documented on a Phase II BUOW datasheet. All BUOW survey datasheets are included in Appendix B. Any signs of use, including the presence of pellets, feathers, tracks, whitewash, burrow decoration materials, eggshell fragments, etc. were also documented.

2.2 PROTOCOL BREEDING SEASON SURVEYS

Three protocol level BUOW breeding season surveys were conducted on May 9, 2020, June 11, 2020, and July 10, 2020, in accordance with survey protocol dates of: between April 15, 2020 and July 15, 2020, with at least one visit after June 15, 2020. During these surveys, all potential burrow surrogates mapped during the Phase 2 burrow survey/habitat assessment were visited during the timeframe of two hours before sunset to one hour after sunset or from one hour before to two hours after sunrise. Surrogate burrows were observed using binoculars as to maintain a minimum distance of 50 meters to minimize disturbance, should

occupied burrows or BUOW individuals be present. Surveys were not conducted during heavy rain, high winds greater than 20 miles per hour, or dense fog. Any BUOW sign, possible predators present, and any evidence of predation of owls were noted.

2.3 PROTOCOL WINTER SEASON SURVEY

As required by the survey protocol, a BUOW winter season survey was conducted at the Project site because BUOW were not observed during the breeding season surveys. The survey was conducted on January 4 and 5, 2021, in accordance with the required survey protocol dates (between December 1 and January 31). During this survey, all potential burrow surrogates mapped during the Phase 2 burrow survey/habitat assessment were visited twice, once during the timeframe of two hours before sunset to one hour after sunset and once from one hour before to two hours after sunrise. The same methodology for breeding season surveys described above was performed during the winter season survey.

3.0 RESULTS

This section describes the results of the protocol BUOW habitat assessment, burrow survey, breeding season survey, and winter season survey.

3.1 HABITAT ASSESSMENT AND BURROW SURVEY

It was determined that the Project site is in the known distributional range of the BUOW, and that the entire Project site contains suitable habitat to potentially support BUOWs due to its current agricultural use and low-growing vegetation. All vegetated areas of the Project site had previously been disked/tilled. Vegetation communities within the approximate 1,300-acre Project site and 150-meter buffer surrounding the Project site were mapped in accordance with the *Manual of California Vegetation, Second Edition* (Sawyer et al. 2009). Given the disturbed nature of the Project site, and dominance by primarily non-native plant species, a best attempt to categorize vegetation communities according to Sawyer et al. was made. However, in the case that membership rules/community definitions were not met, vegetation communities were named according to a best fit for the dominant species observed, aligned to the *Manual of California Vegetation, Second Edition* structure. Table 1 summarizes the five vegetation communities observed and their corresponding acreage. The reported acreage includes the 150-meter biological study area (BSA). Results of the vegetation mapping are shown in Figure 4.

Table 1: Vegetation Communities

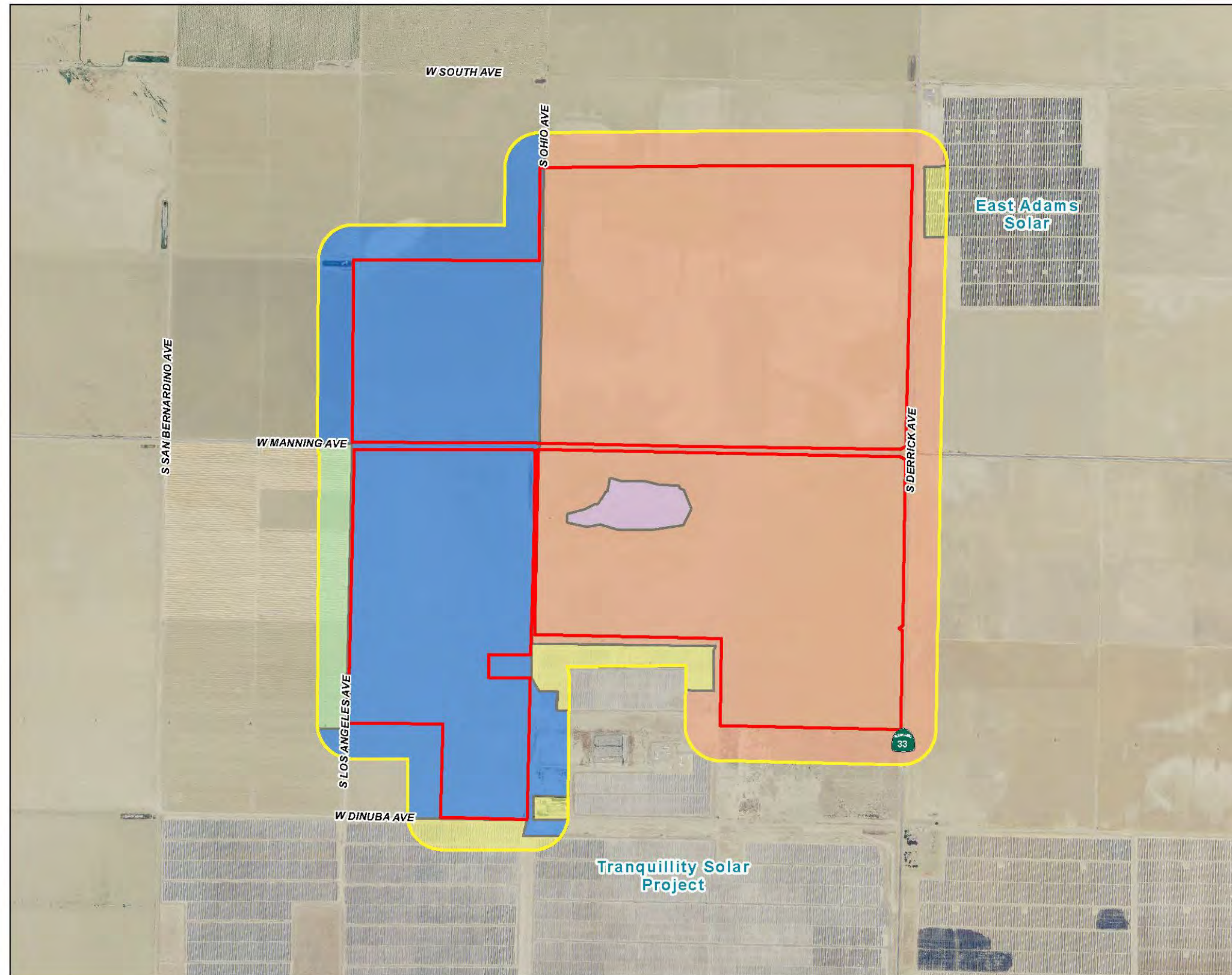
Vegetation Communities	Acres within BSA
<i>Hordeum murinum</i> – <i>Sisymbrium irio</i> Herbaceous Semi-Natural Alliance	1,067.2
<i>Hirschfeldia incana</i> – <i>Salsola</i> sp. Herbaceous Semi-Natural Alliance	571.3
Developed	55.9
Cultivated Pistachio	40.6
<i>Atriplex coronata</i> var. <i>coronata</i> - <i>Stellaria media</i> Herbaceous Semi-Natural Alliance	20.4
Total	1,755.4*

Note: Total acres include the Project site and 150-meter buffer.

Hordeum murinum – *Sisymbrium irio* Herbaceous Semi-Natural Alliance was the most common community found throughout the Project site, covering over 60 percent of the BSA. This community consisted of non-native grasslands and contained the following dominant plant species: non-native wall barley (*Hordeum murinum*), non-native London rocket (*Sisymbrium irio*), and non-native shortpod mustard (*Hirschfeldia incana*). Density of vegetation varied, with some areas of dense herbs where bare ground was not visible, and some areas where large patches of bare ground emerged.

Hirschfeldia incana – *Salsola* sp. Herbaceous Semi-Natural Alliance occurred primarily on the western portion of the Project site and consisted of the following dominant plant species: non-native shortpod mustard and non-native thistle (*Salsola* sp.). This community contained large patches of bare ground and appeared to have been the portion of the Project site most recently tilled. Other emergent native and non-native forbs were present, but with lower coverage than shortpod mustard and thistle.

Atriplex coronata var. *coronata* - *Stellaria media* Herbaceous Semi-Natural Alliance was found in the central portion of the project site. This community contained the following dominant plant species: crowscale (*Atriplex coronata* var. *coronata*) and common chickweed (*Stellaria media*). Other emergent native and non-native forbs were present, such as big saltbush (*Atriplex lentiformis*) but with lower coverage than crowscale and common chickweed. The variety of crowscale observed is a California Native Plant Society (CNPS) Rank 4.2 species (CNPS 2020).



Luna Valley Solar Project
 Fresno County, CA
Figure 4: Vegetation Communities



- Project Site
 - Biological Study Area
- Vegetation Communities**
- Cultivated Pistachio
 - Developed
 - Atriplex coronata var. coronata* - *Stellaria media* Herbaceous Semi-Natural Alliance
 - Hordeum murinum* - *Sisymbrium irio* Herbaceous Semi-Natural Alliance
 - Hirschfeldia incana* - *Salsola* sp. Herbaceous Semi-Natural Alliance

N

0 1,500 3,000
 Feet

Scale is 1:16,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

Cultivated Pistachio occurred only in the BSA 150-meter buffer on the western end of the Project site and contained immature planted pistachio trees.

Developed areas also only occurred in the BSA 150-meter buffer, and contained solar panels and fencing associated with the adjacent Tranquillity Solar Project and East Adams Solar Project.

No small mammal burrows that would be considered suitable for BUOW use were documented within the Project site or the 150-meter buffer. A total of 14 suitable potential burrow surrogates were mapped during the burrow survey along existing roads on the border of the Project site or within the 150-meter buffer (no suitable potential burrow surrogates were found within the proposed development area); details on these potential burrow surrogates are included in Table 2 and locations are shown on Figure 5. Suitable potential burrow surrogates included 10 culverts (C), 3 individual pipes (P), and 1 pile of pipes. Potential sign in the form of whitewash was observed at C9, C10, and P4 (Figure 5); this whitewash could be from any bird species utilizing the site. Biologists did not note indication that whitewash was more likely from BUOW than other bird species. All potential burrow surrogates occurred adjacent to existing roads. Photographs are included in Appendix C, *Photographs*.

Table 2: Potential Burrow Surrogates Identified during the Burrow Survey

Burrow Surrogate Number	Dimensions (inches)	Sign Observed	Photo Number (Appendix C)	Notes
C1	12.5 x 27	No	Photograph 1	None.
C2	22 x 24	No	Photograph 2	None.
C3	84 x 36	No	Photograph 3	Three adjacent culverts of same dimensions.
C4	30 x 23	No	Photograph 4	Two adjacent culverts of same dimensions.
C5	7 x 16	No	Photograph 5	One side of culvert mostly filled with sediment, other side of suitable size.
C6	24 x 24	No	Photograph 6	None.
C7	20 x 20	No	Photograph 7	None.
C8	16 x 13	No	Photograph 8	None.
C9	23 x 23	Yes – whitewash observed inside one culvert.	Photograph 9	Four adjacent culverts of same dimensions.
C10	28 x 20	Yes – small amount of whitewash observed inside one culvert.	Photograph 10	Two adjacent culverts of same dimensions.
P1	Various Sizes	No	Photograph 11	Sedentary pile of pipes.
P2	10 x 10	No	Photograph 12	None.
P3	10 x 10	No	Photograph 13	None.
P4	10 x 10	Yes – whitewash observed inside pipe.	Photograph 14	None.

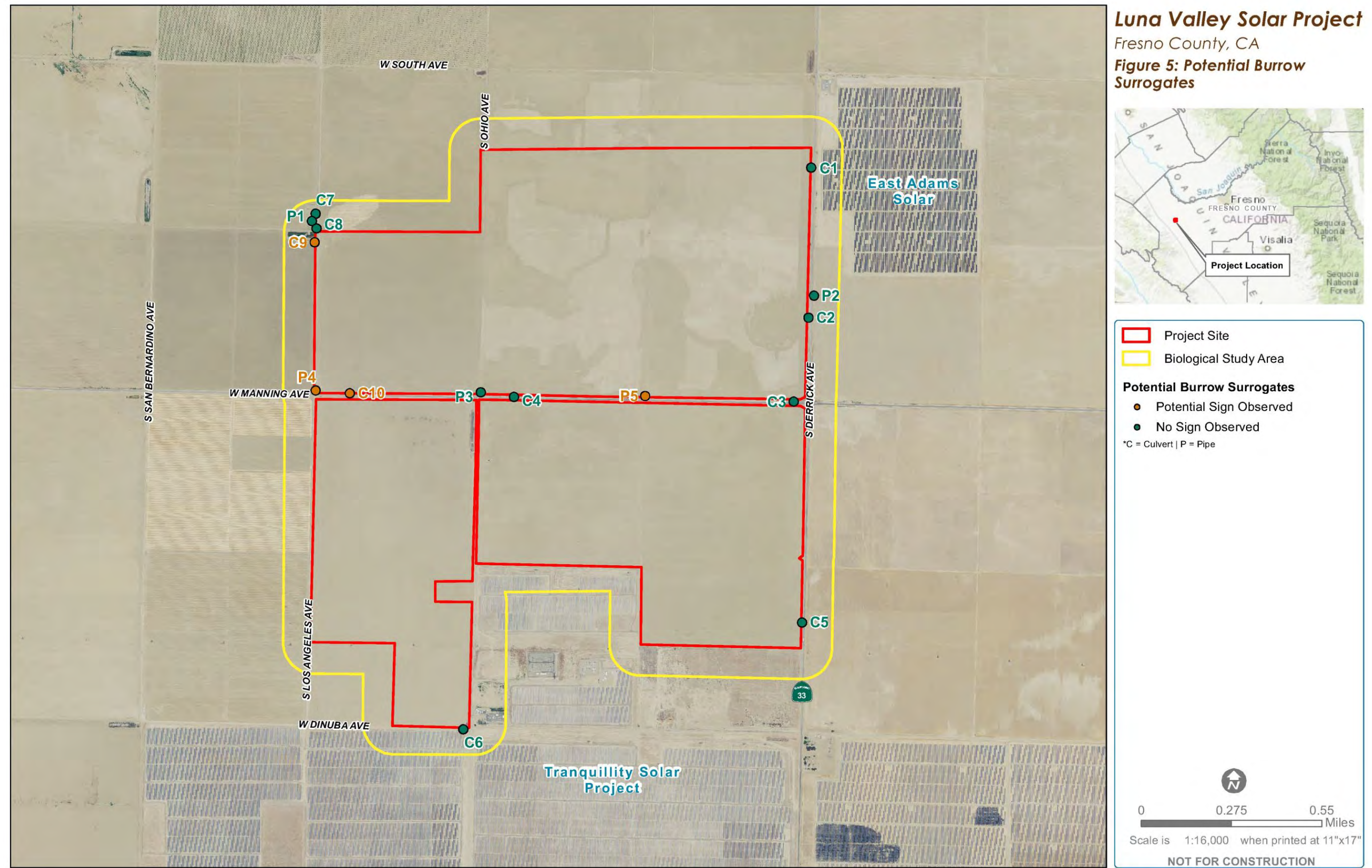


Table 3 lists other wildlife species observed on the Project site. Species including great horned owl (*Bubo virginianus*), red-tailed hawk (*Buteo jamaicensis*), Swainson's hawk (*Buteo swainsoni*), northern harrier (*Circus hudsonius*), common raven (*Corvus corax*), and gophersnake (*Pituophis catenifer*) could potentially predate on BUOW if present. No evidence of predation of BUOW was observed, although a common raven feather was observed near a pipe where a cast pellet was observed (P5) during the winter season surveys (as discussed below).

Table 3: Wildlife Species Observed

Scientific Name	Common Name
Mammals	
<i>Canis latrans</i>	coyote
<i>Dipodomys sp.</i> ***	kangaroo rat
<i>Lepus californicus</i>	black-tailed jackrabbit
<i>Odocoileus hemionus</i>	mule deer (scat and tracks)
<i>Sylvilagus audubonii</i>	desert cottontail
Birds	
<i>Agelaius phoeniceus</i>	red-winged blackbird
<i>Bubo virginianus</i>	great horned owl
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo swainsoni</i> **	Swainson's hawk
<i>Circus hudsonius</i> *	northern harrier
<i>Charadrius vociferus</i>	killdeer
<i>Corvus corax</i>	common raven
<i>Eremophila alpestris actia</i> *	California horned lark
<i>Euphagus cyanocephalus</i>	Brewer's blackbird
<i>Haemorhous mexicanus</i>	house finch
<i>Lanius ludovicianus</i> *	loggerhead shrike
<i>Spinus tristis</i>	American goldfinch
<i>Sturnella neglecta</i>	western meadowlark
Hirundinidae	swallow
<i>Tyrannus sp.</i>	kingbird
<i>Zenaida macroura</i>	mourning dove
Invertebrates	
<i>Chlorochroa sp.</i>	stinkbug
<i>Gryllus sp.</i>	field cricket
Anisoptera	dragonfly
Acrididea	grasshopper
<i>Apis sp.</i>	honeybee
Phylliidae	leafbug
<i>Pieris rapae</i>	cabbage white
<i>Pituophis catenifer</i>	gophersnake
<i>Vanessa cardui</i>	painted lady

Notes:

*CDFW Species of Special Concern or Watch List

**Federal Threatened species

***Numerous species of common kangaroo rat may occur at the site. One kangaroo rat was observed on the site and it was determined to not be a special-status species.

3.2 PROTOCOL BREEDING SEASON SURVEYS

BUOW were not detected during any of the three protocol breeding season surveys. Additionally, no new signs of use were observed. Signs of use (whitewash at C9, C10, and P4) documented during the Phase 2 burrow survey remained present and were observed in the breeding season surveys. This whitewash could be from any bird species utilizing the site. Biologists did not note indication that whitewash was more likely from BUOW than other bird species. Table 4 presents the results of the breeding season surveys.

3.3 PROTOCOL WINTER SEASON SURVEY

BUOW were not detected during the protocol winter season survey. One new suitable potential burrow surrogate was mapped during the survey, which consisted of an individual pipe ("P5"), as shown on Figure 5. P5 was previously not suitable because it was filled with soil and did not meet the minimum burrow size criteria. However, during the winter season survey, it was observed that P5 had been dug out and/or washed out and was found to meet burrow size criteria during the winter season survey. P5 had a diameter of approximately 8 x 10 inches with a depth of greater than 59 inches. A photo is included in Appendix C (Photograph 15).

Numerous gray cast pellets that were approximately 1 inch long and consisted of small bones and fur were found at the entrances of P4 and P5. While the pellets were likely from a small bird of prey such as an owl or American kestrel (*Falco sparverius*), their location at the entrance of two pipes and the lack of raptor perches nearby indicate that these were most likely from BUOW. Representative photos of these pellets are provided in Appendix C. Whitewash, large mammal excrement, an animal bone, and a common raven feather were also found at P5. Signs of use (whitewash at C9, C10, and P4) documented during the Phase 2 burrow survey and breeding season surveys remained present and were observed in the winter season survey. This whitewash could be from any bird species utilizing the site. However, the presence of cast pellets at P4 and P5 indicate that BUOW are likely to be present at these locations. Table 5 presents the results of the winter season survey.

Table 4: BUOW Breeding Season Survey Results

Survey	Date	Start Time (am/pm)	End Time (am/pm)	Temperature (°F)	Wind Speed (mph)	Cloud Cover (%)	Potential Sign Observed	BUOW Observed	Biologists
1	5/9/2020	7:00 a.m.	8:10 a.m.	70-78	0-1	0	Whitewash observed at C9, C10, and P4.	No	Daniel Berg, Monique O'Conner, Nikki Bottum
2	6/11/2020	6:22 p.m.	8:35 p.m.	97-87	2-6	20-30	Whitewash observed at C9, C10, and P4.	No	Sara Townsend, Monique O'Conner
3	7/10/2020	5:30 a.m.	7:00 a.m.	68-75	0-2	20	Whitewash observed at C9, C10, and P4.	No	Daniel Berg, Monique O'Conner

Table 5: BUOW Winter Season Survey Results

Survey	Date	Start Time (am/pm)	End Time (am/pm)	Temperature (°F)	Wind Speed (mph)	Cloud Cover (%)	Potential Sign Observed	BUOW Observed	Biologists
1	1/4/2021	3:30 p.m.	5:10 p.m.	64-61	0-10	50-90	Pellets observed at P4. Whitewash observed at C9, C10, and P4.	No	Daniel Berg, Monique O'Conner
2	1/5/2021	6:50 a.m.	8:55 a.m.	45-51	0-5	10	Pellets observed at P4 and P5. Large mammal excrement, animal bone, and common raven feather observed at P5. Whitewash observed at C9, C10, P4, and P5.	No	Daniel Berg, Monique O'Conner

4.0 DISCUSSION AND SUMMARY OF RECOMMENDATIONS

The presence of cast pellets found at two suitable potential burrow surrogates indicates that BUOW are likely using the site. Therefore, use of heavy machinery, and/or significant ground disturbance during construction activities has the potential to disturb BUOW, if present.

The results of the habitat assessment and burrow survey have been used to develop recommendations for pre-construction surveys and avoidance and minimization measures. The recommendations within this report are preliminary and will be refined during the California Environmental Quality Act (CEQA) process as more details about the project design and schedule are determined. The culverts and pipes found at the Project site that provide burrow surrogates for BUOW are unlikely to be directly impacted by ground disturbance because they are located on the boundary of the site along existing roads. However, construction activities are planned directly adjacent to these locations, and noise during construction may disturb BUOW if present in the culverts or pipes.

BIO-1: To protect BUOW, the following conditions shall be met prior to construction:

- A focused avoidance (preconstruction) survey for BUOW presence, including existing potential burrow surrogates and any new potential suitable burrows/surrogates that may have become available, shall be conducted according to CDFW guidelines by a qualified biologist prior to the use of heavy machinery and/or significant ground disturbance associated with construction activities. The survey shall be required within 14 days prior to the commencement of construction activities and shall occur within the Project site and immediate vicinity of the Project site in areas with suitable burrowing habitat. The preconstruction survey would include visiting all potential burrow surrogates during the timeframe of two hours before sunset to one hour after sunset or from one hour before to two hours after sunrise, and a brief visual spot check of the site, identifying any new man-made structures that could be suitable habitat; the preconstruction survey would not include protocol level transects if current agricultural disturbances, such as tilling, continue.
- The BUOW pre-construction survey can be conducted in conjunction with other required preconstruction surveys, if timing is appropriate.
- If construction activity as defined above halts for a period of 14 days or more, the survey will need to be conducted again prior to the continuation of construction activities.
- If BUOW or their sign are detected within the Project site or immediate vicinity during the preconstruction survey, buffers where no work would occur, as defined in the 2012 CDFW Staff Report, may be established to protect BUOW. Buffer size is dependent upon time of year and level of disturbance at the Project site. Depending on the level of disturbance, a smaller buffer may be established in consultation with CDFW.
- If burrow avoidance is infeasible during the non-breeding season, a CDFW qualified biologist shall implement a passive relocation program in accordance with the 2012 CDFW Staff Report. A Burrowing Owl Exclusion and Mitigation Plan and Mitigation Land Management Plan shall be prepared in accordance with the 2012 CDFW Staff Report and reviewed and approved by CDFW prior to passive relocation activities.

BIO-2: Any construction materials stored on the Project site or adjacent areas that could serve as a burrow surrogate for BUOW, such as sedentary above ground pipes or sedentary rip rap, shall be covered when not in use as to not attract BUOW to the Project site. The construction staff should check the construction materials daily to ensure they are sufficiently covered.

5.0 LITERATURE CITED

- California Department of Fish and Game. 2012. Staff Report on Burrowing Owl Mitigation. March.
- CDFW (California Department of Fish and Wildlife). 2020. California Natural Diversity Database (CNDDDB). RareFind 5 online database. Query of the *Levis, Chaney Ranch, Coit Ranch, Tranquillity, Cantua Creek, Tres Picos Farms, Lillis Ranch, Ciervo Mtn., and Monocline Ridge*, California Topographic Quadrangles. Website: <https://www.wildlife.ca.gov/Data/CNDDDB/Maps-and-Data>. Accessed on February 26, 2020.
- CNPS (California Native Plant Society). 2020. Online CNPS Inventory of Rare and Endangered Plants (8th Edition). Query of *Levis, Chaney Ranch, Coit Ranch, Tranquillity, Cantua Creek, Tres Picos Farms, Lillis Ranch, Ciervo Mtn., and Monocline Ridge*, California Topographic Quadrangles. Website: <http://www.rareplants.cnps.org/advanced.html>. Accessed on February 26, 2020.
- Johnson, D., Gillis, D., Gregg, M., Rebholz, J., Lincer, J., and Belthoff, J., 2010. Users Guide to Installation of Artificial Burrows for Burrowing Owls. Unpublished report. Tree Top Inc., Selah, Washington, USA.
- Netronline. 2020. Historic Aerials. Website: <https://www.historicaerials.com/viewer>. Accessed on July 10, 2020.
- Rincon Consultants, Inc., 2013. Biological Resources Assessment RE Tranquillity LLC, Solar Generating Facility, Fresno County, California. December.
- Sawyer, J., Keeler-Wolf, T., and Evens, J. 2009. *A Manual of California Vegetation, Second Edition*. California Native Plant Society.
- The California Burrowing Owl Consortium. 1993. Burrowing Owl Survey Protocol and Mitigation Guidelines. April.
- USDA NRCS (United States Department of Agriculture National Resources Conservation Service). 2020. Web Soil Survey. <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>. Accessed on July 30, 2020.

APPENDIX A SITE PLANS

SHEET NOTES:

1. LOCATIONS SHOWN ARE FOR GENERAL GUIDANCE ONLY. SLOPES OF THE SITE ARE NOT DEPICTED AND LOCATIONS MUST BE VERIFIED ON SITE BEFORE INSTALLATION.
2. FINAL STRING SIZING TO BE CONFIRMED BY ENGINEER-OF-RECORD.

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ENGINEER'S STAMP

CLIENT



PROJECT NAME
LUNA VALLEY SOLAR
200MW AC
SITE LOCATION
FRESNO COUNTY, CA
36.603312°, -120.388439°

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWING ISSUE

1	02/10/2020	EXHIBIT
2	02/19/2020	CUP APPLICATION PACKAGE
3	02/20/2020	PER COMMENTS

REVISION ISSUE

DRAWN BY:ZZ CHECKED BY:MH

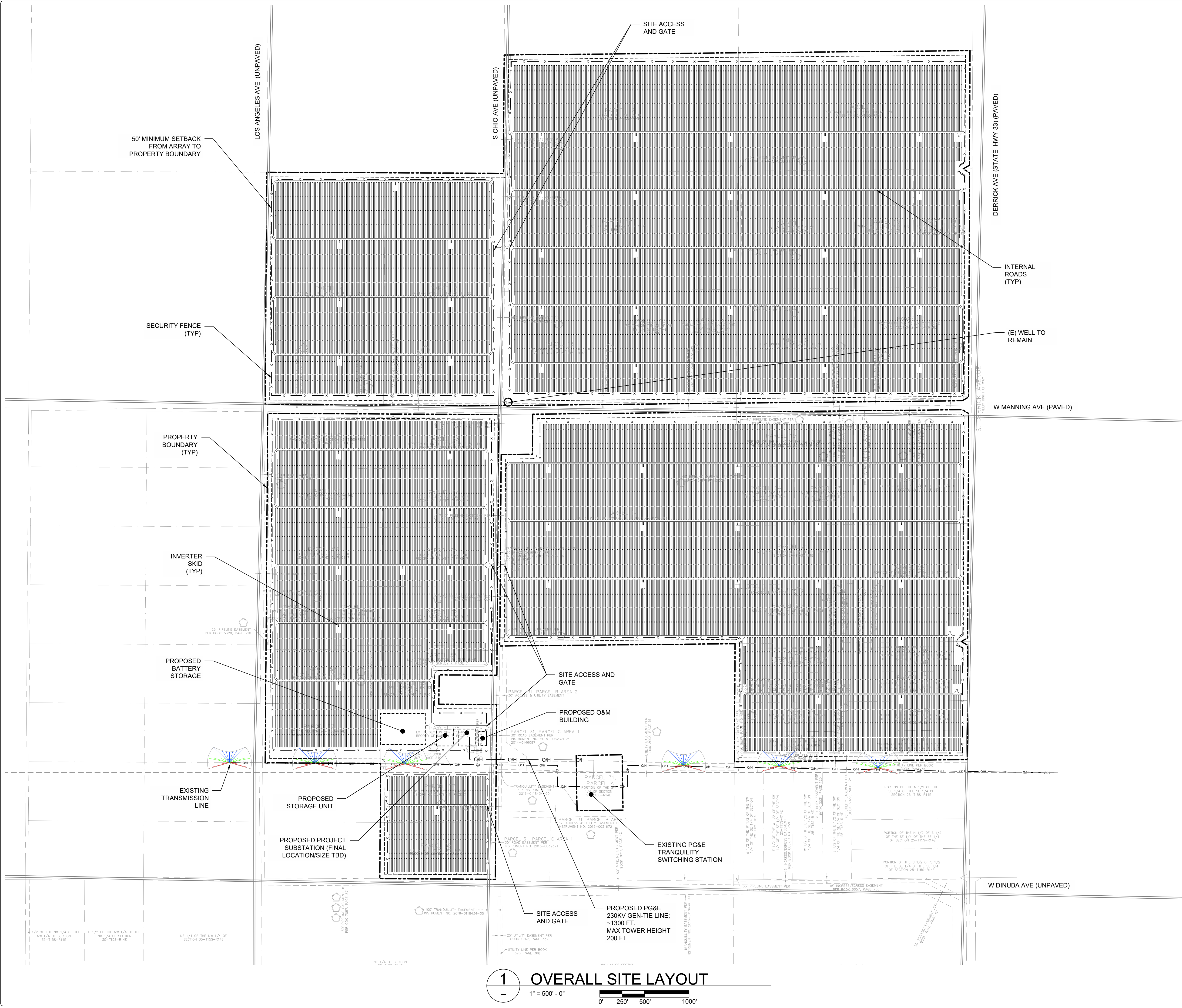
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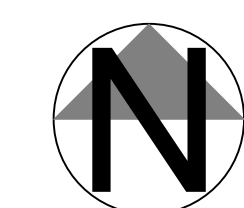
OVERALL SITE LAYOUT

DRAWING NUMBER

E200



1 OVERALL SITE LAYOUT
1" = 500' - 0"
0' 250' 500' 1000'



SHEET NOTES:

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ENGINEER'S STAMP

CLIENT



PROJECT NAME
LUNA VALLEY SOLAR
200MW AC
SITE LOCATION
FRESNO COUNTY, CA
36.603312° -120.388439°

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DRAWING ISSUE

1	02/10/2020	EXHIBIT
2	02/19/2020	CUP APPLICATION PACKAGE
3	02/20/2020	PER COMMENTS

REVISION ISSUE

DRAWN BY:ZZ CHECKED BY:MH

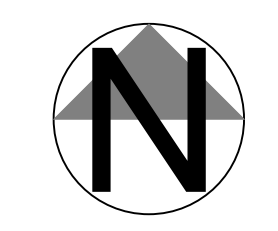
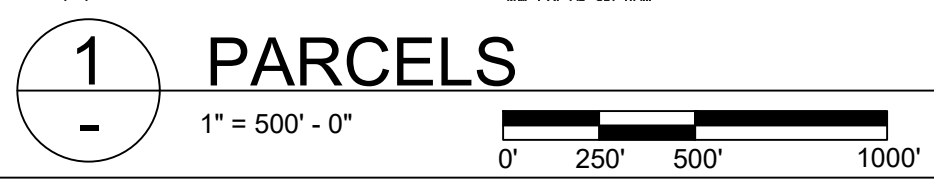
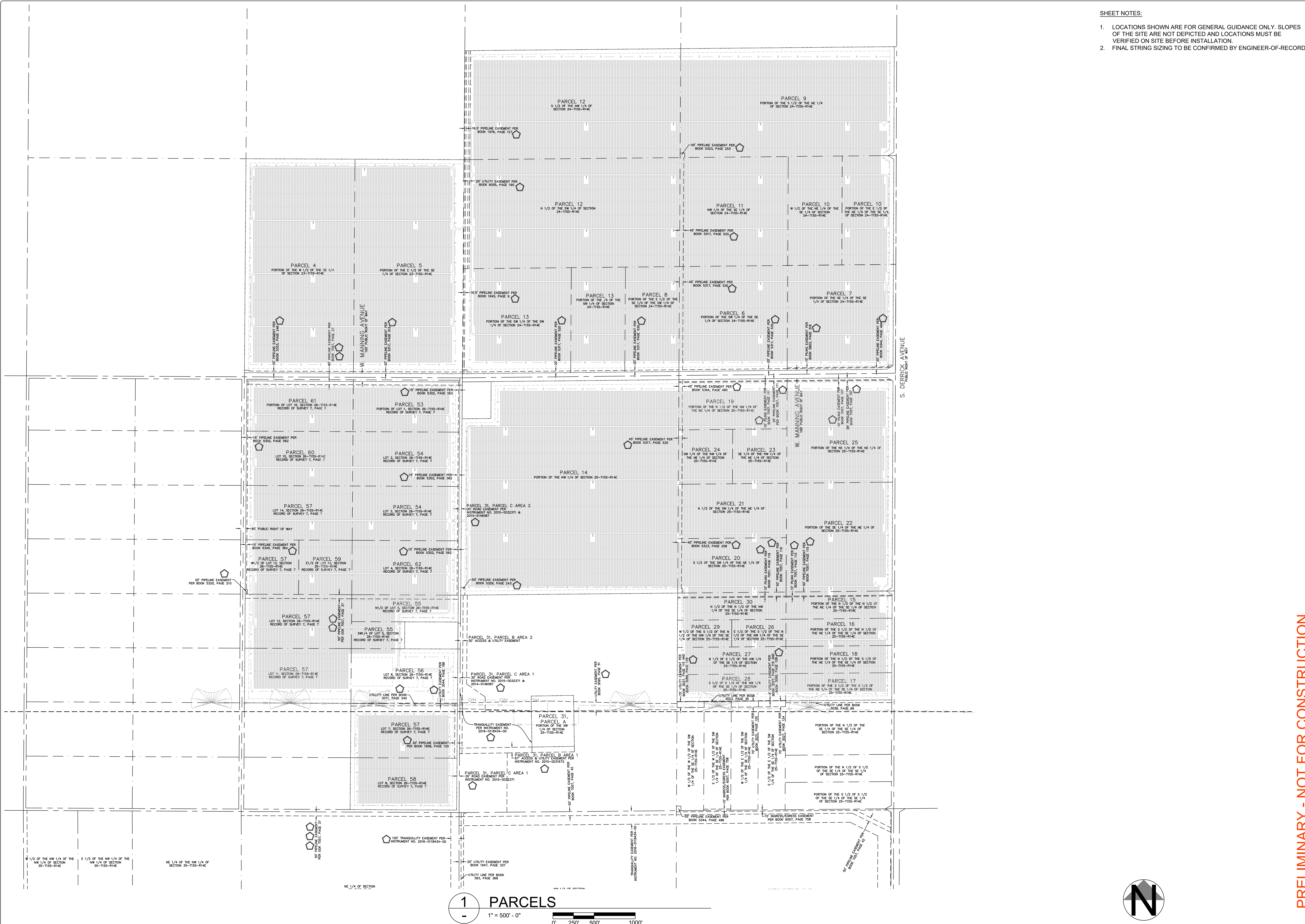
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DRAWING TITLE

PARCELS

DRAWING NUMBER

E201



DRAWING ISSUE

1	02/10/2020	DETAILS
2	02/19/2020	PER COMMENTS
3	02/20/2020	PER COMMENTS

REVISION ISSUE

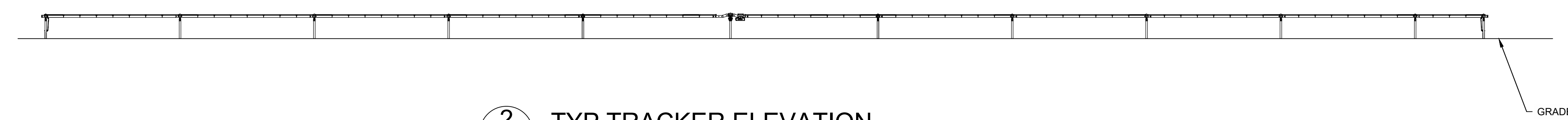
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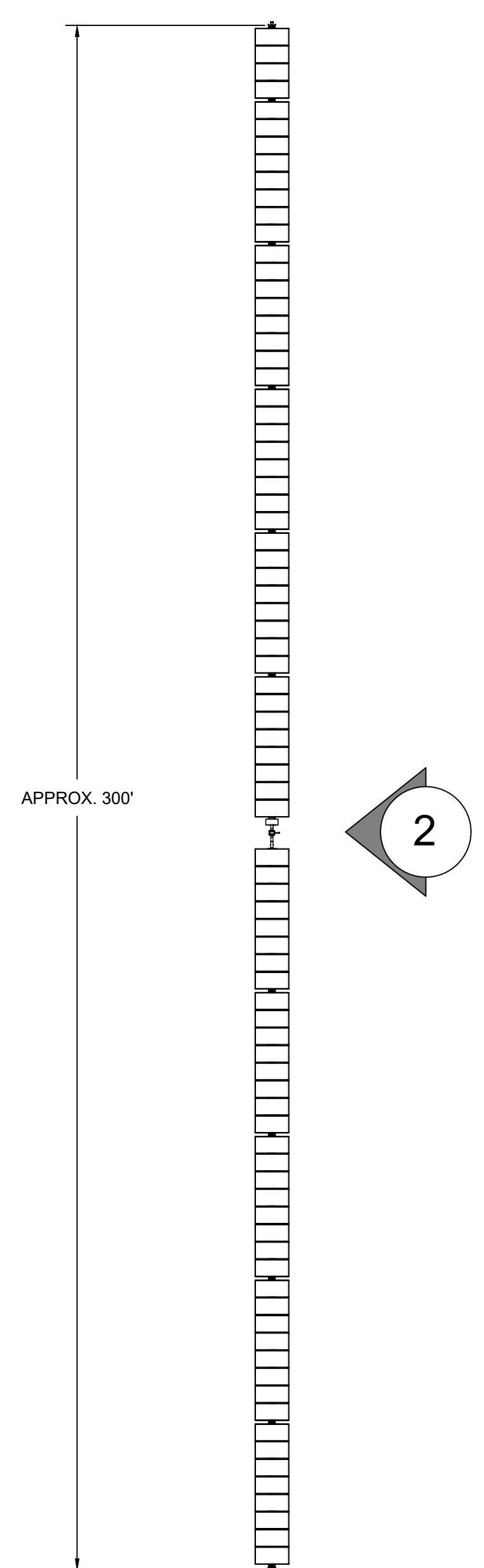
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**TRACKER
DETAILS**

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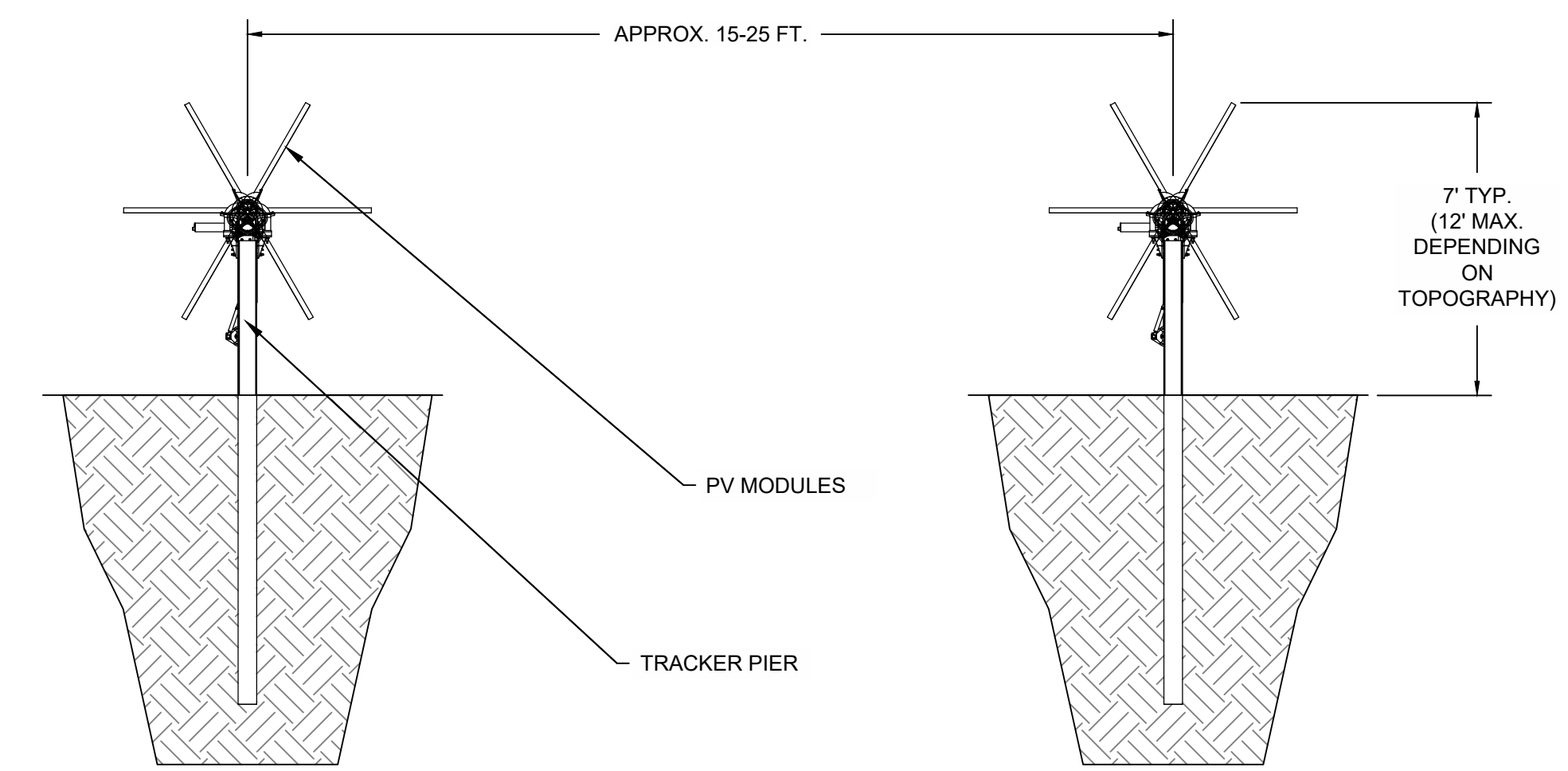
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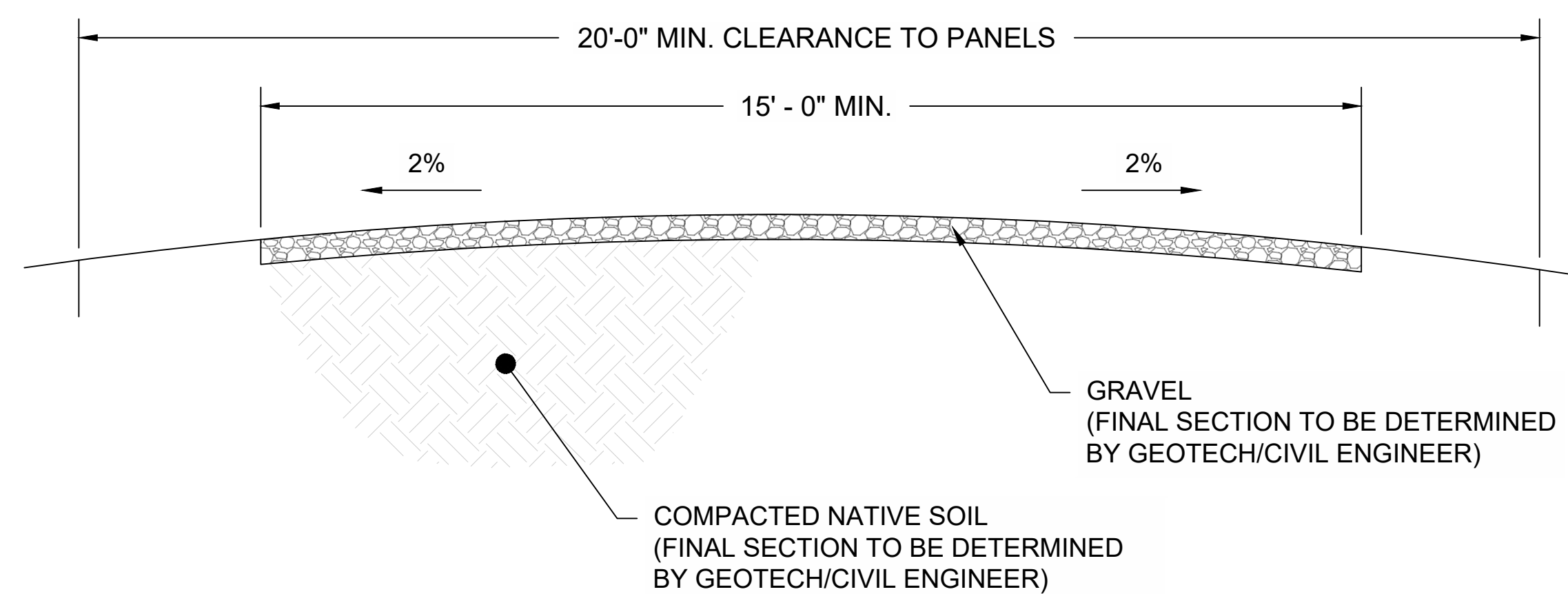
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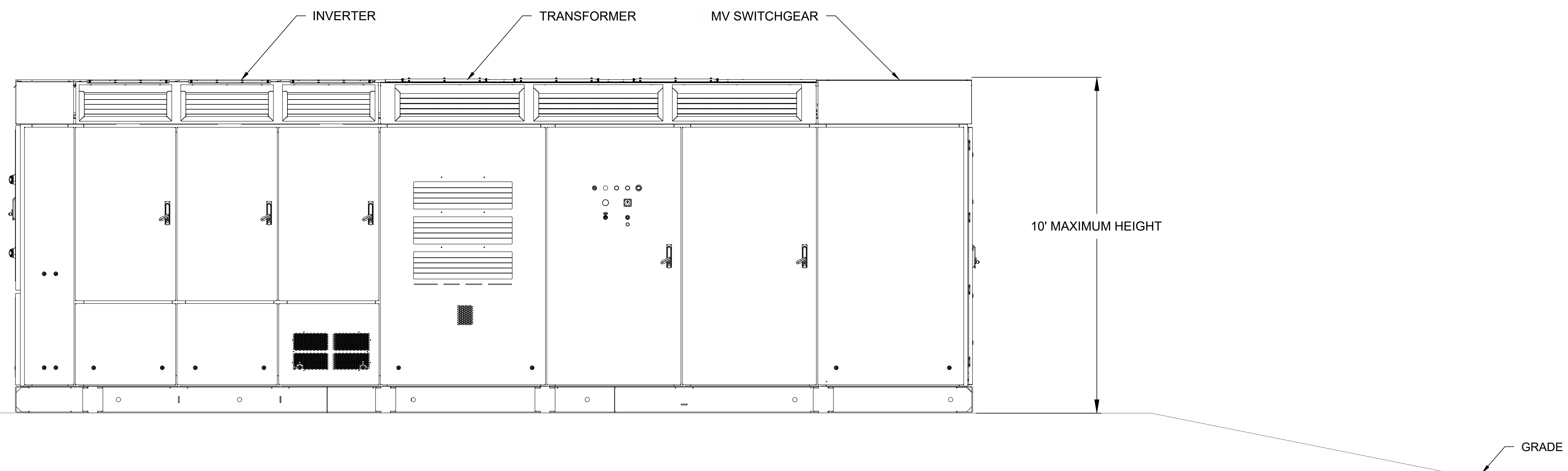
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3 TYP TRACKER ELEVATION DETAIL
SCALE: N.T.S



1 ACCESS ROAD DETAIL
SCALE: N.T.S.



2 INVERTER SKID ELEVATION SECTION
SCALE: N.T.S.

PRELIMINARY - NOT FOR CONSTRUCTION

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2	02/19/2020	PER COMMENTS
3	02/20/2020	PER COMMENTS

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DRAWING TITLE
**ROAD AND INVERTER
DETAILS**

DRAWING NUMBER

A101

DRAWING ISSUE

1	02/10/2020	DETAILS
2	02/19/2020	PER COMMENTS
3	02/20/2020	PER COMMENTS

REVISION ISSUE

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PROJECT NO.: 20015

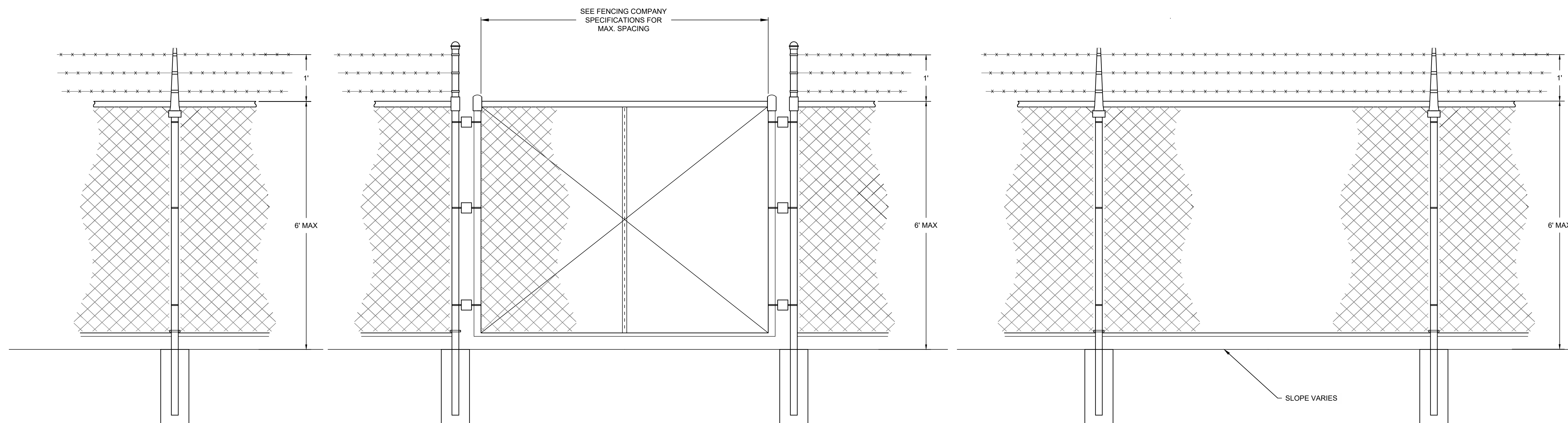
DRAWING TITLE
FENCE DETAILS

DRAWING NUMBER

A102

NOTES:

1. FENCE SHALL BE GROUNDED IN ACCORDANCE WITH APPLICABLE CODES.
2. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALLIGNMENT. CHAIN LINK FABRIC SHALL BE ON THE OPPOSITE SIDE OF THE SECURE SIDE.



1 FENCE-DETAIL
- NTS

2 FENCE-DETAIL-GATE
- NTS

3 TYPICAL-CHAIN-LINK-FENCE-DETAIL
- NTS

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWING ISSUE

1	02/10/2020	DETAILS
2	02/19/2020	PER COMMENTS
3	02/20/2020	PER COMMENTS

REVISION ISSUE

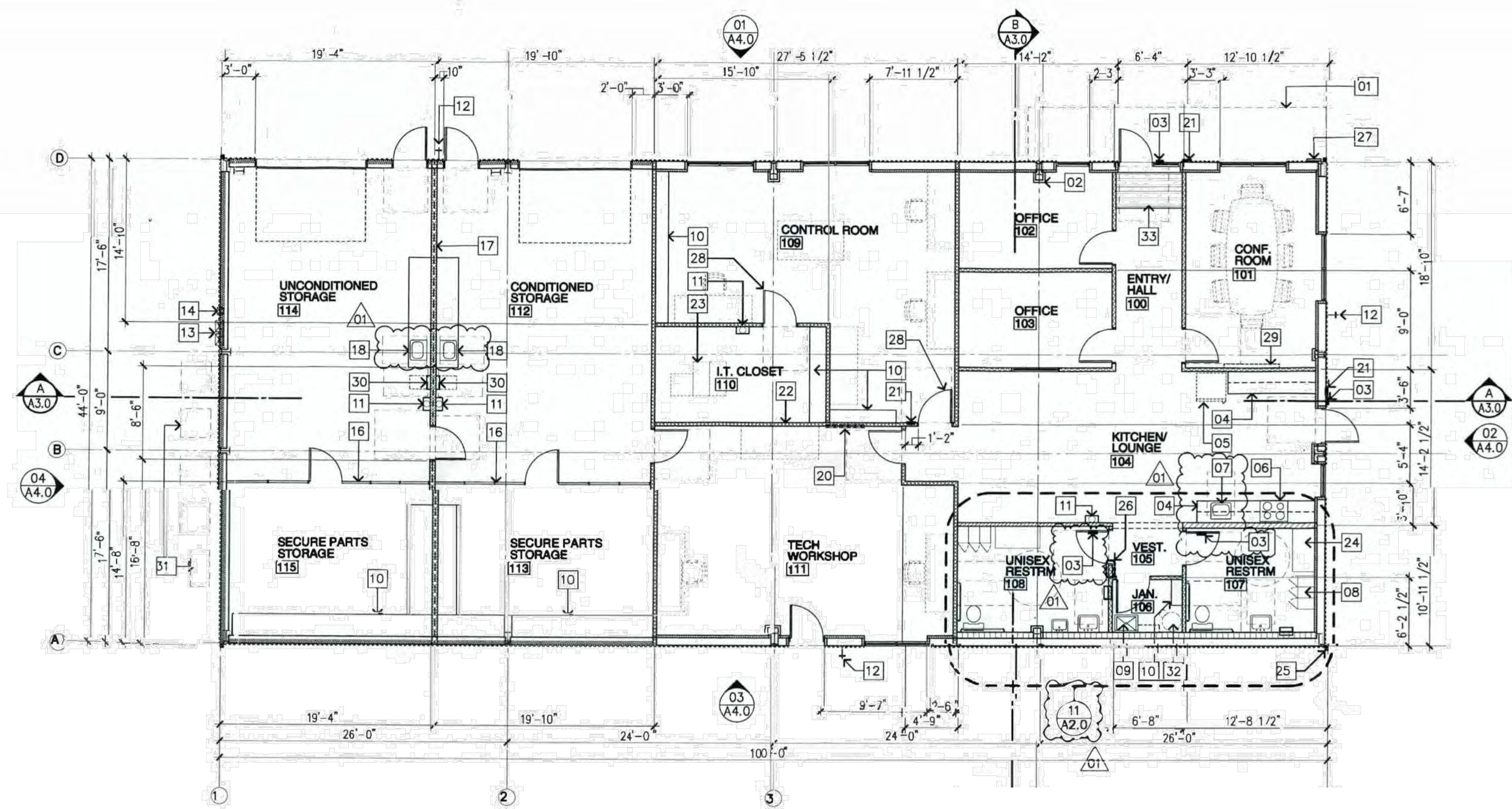
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PROJECT NO.: 20015

DRAWING TITLE
O&M DETAIL 1

DRAWING NUMBER

A103



1 O&M BUILDING FLOOR PLAN
SCALE: N.T.S.

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ENGINEER'S STAMP

CLIENT



PROJECT NAME
LUNA VALLEY SOLAR

SITE LOCATION
FRESNO COUNTY, CA
36.603312°, -120.388439°

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWING ISSUE

1	02/10/2020	DETAILS
2	02/19/2020	PER COMMENTS
3	02/20/2020	PER COMMENTS

REVISION ISSUE

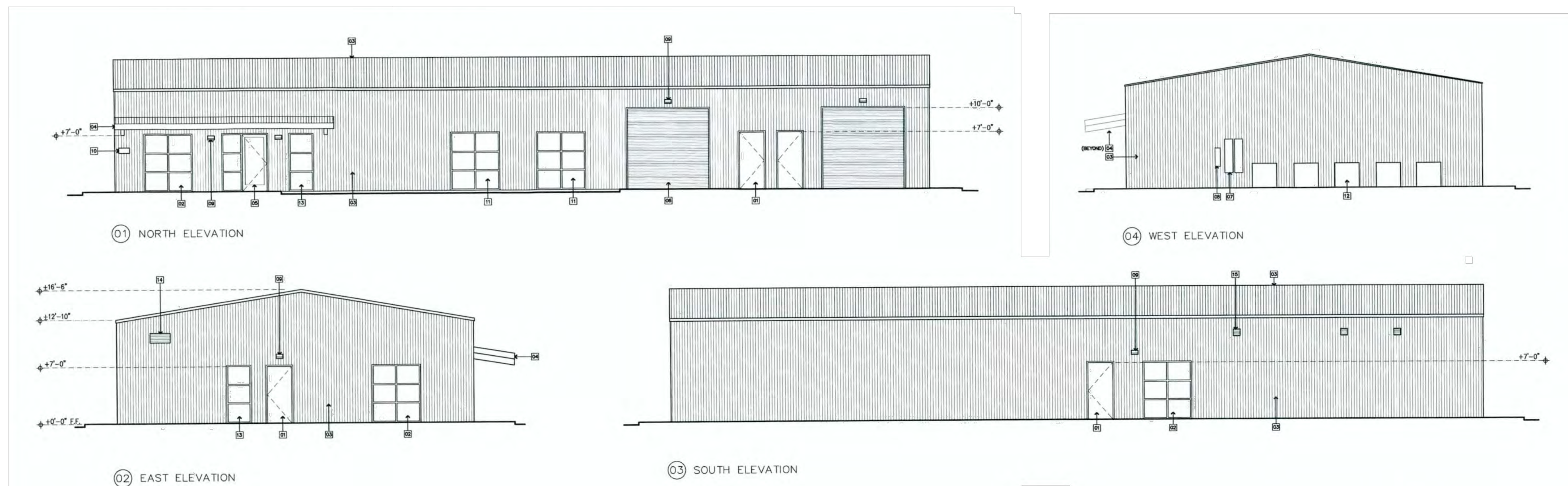
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PROJECT NO.: 20015

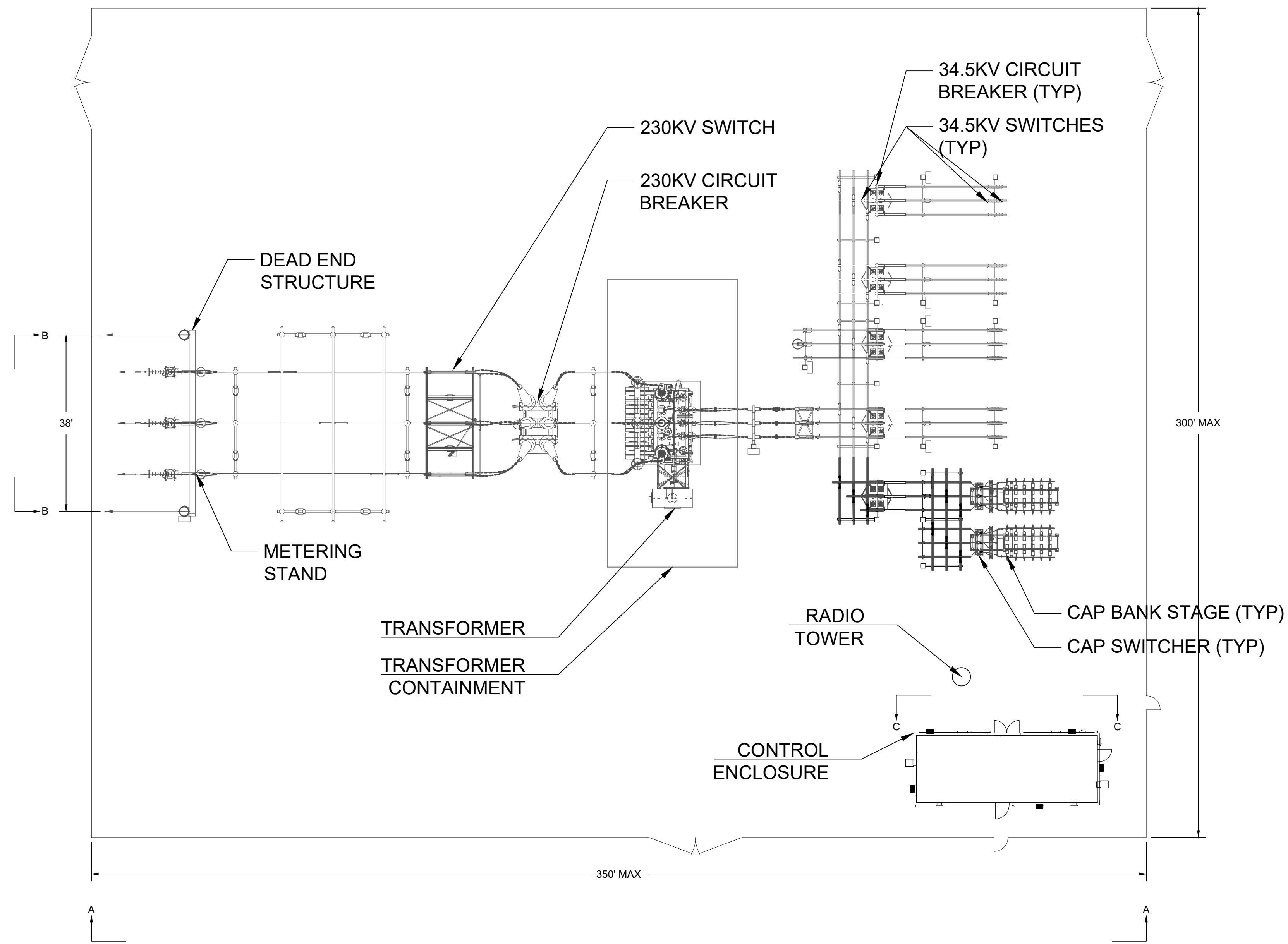
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O&M DETAIL 2

DRAWING NUMBER

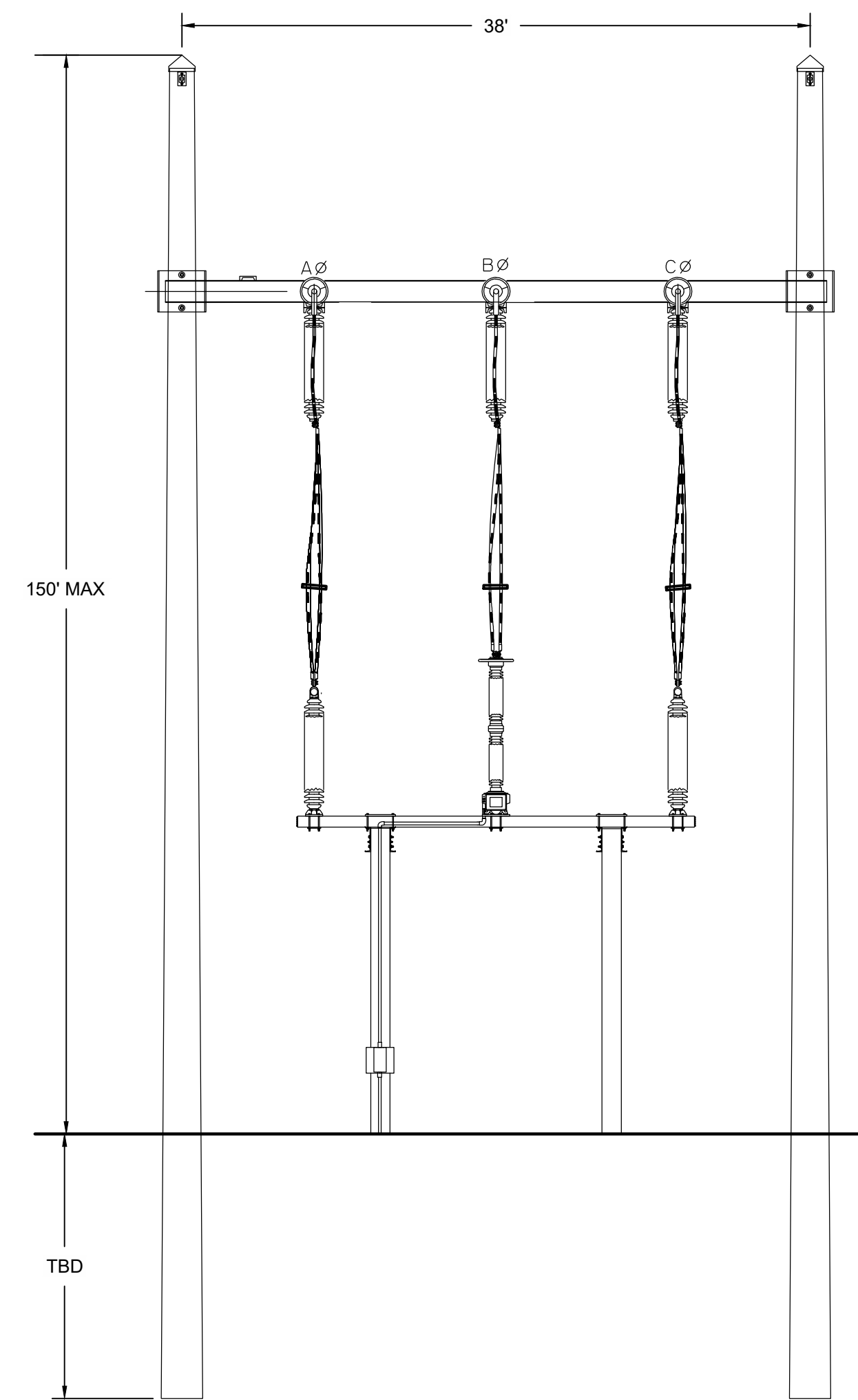
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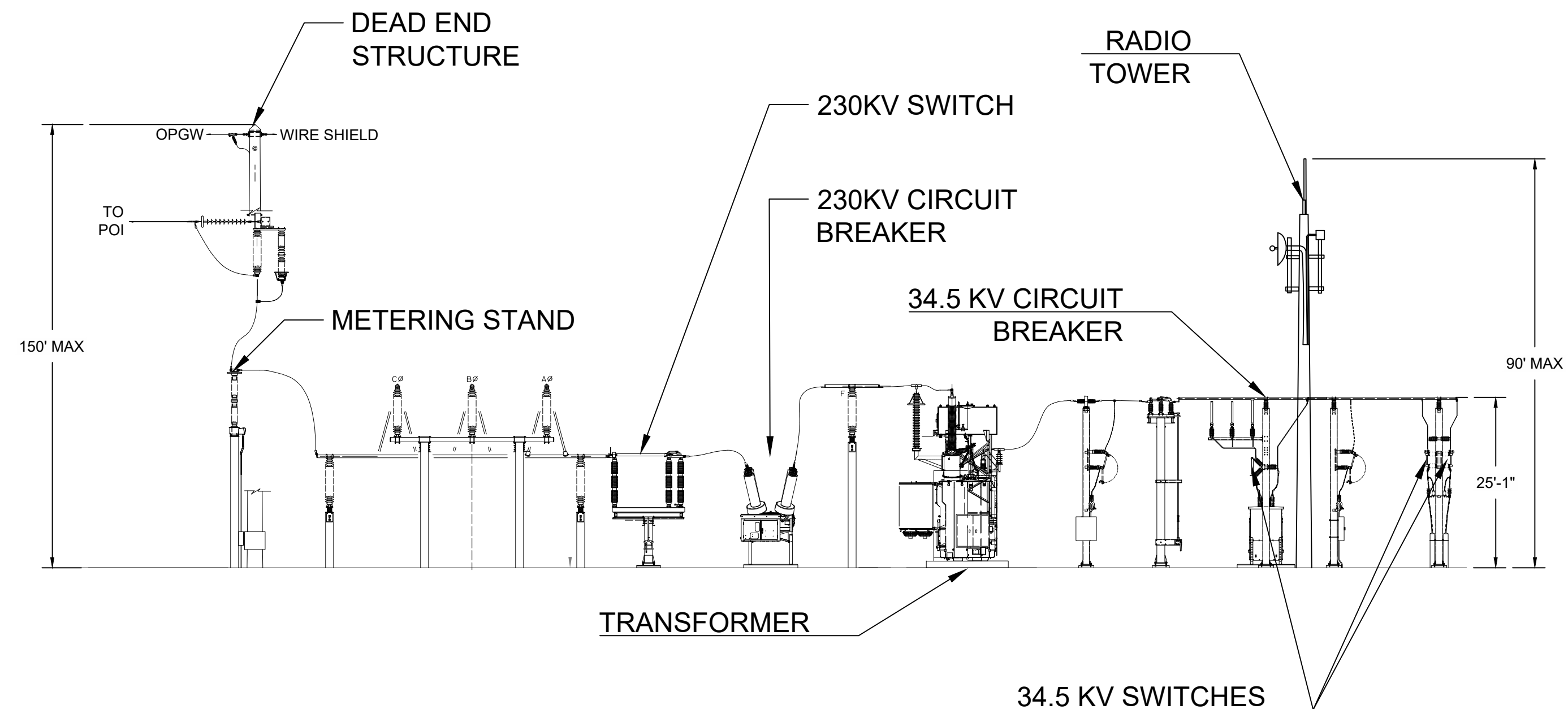
1 O&M BUILDING ELEVATIONS
SCALE: N.T.S.



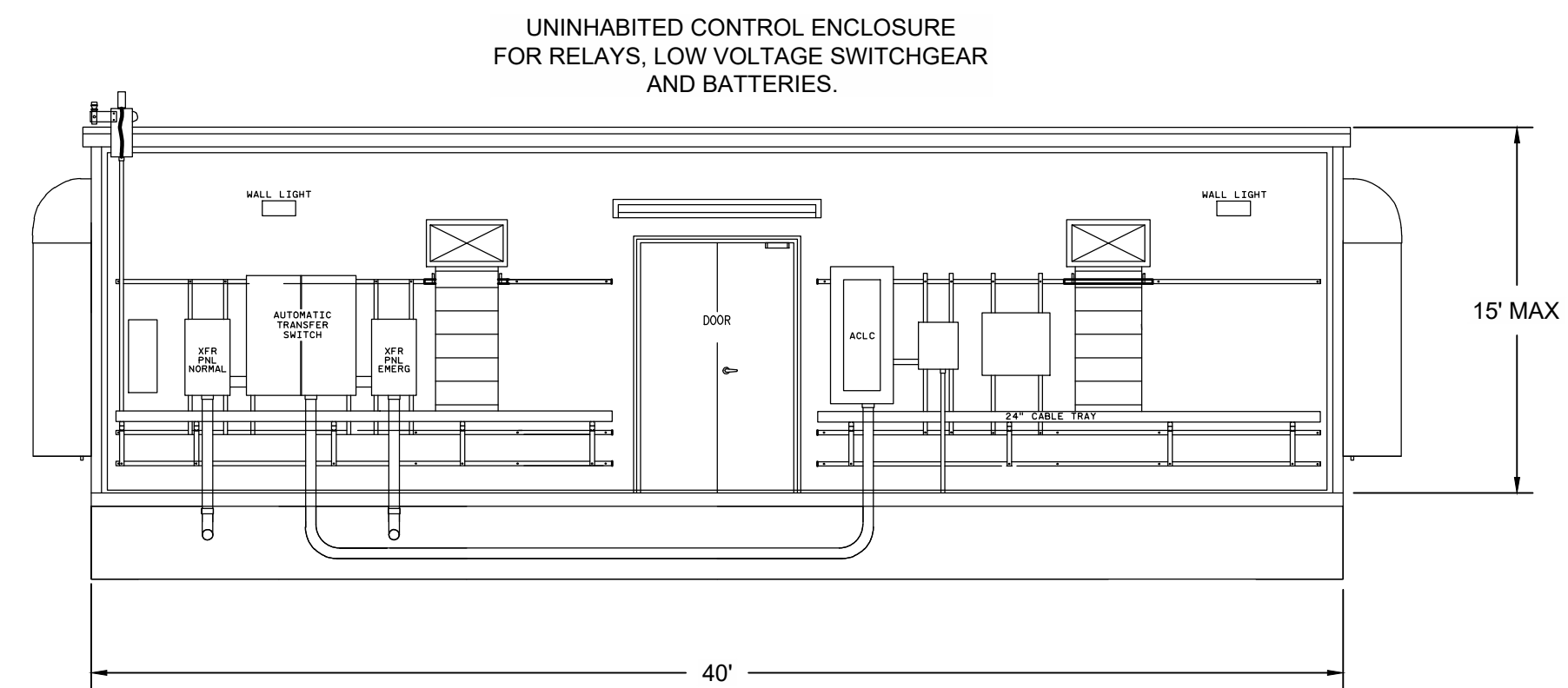
1 SUBSTATION PLAN VIEW
 SCALE: N.T.S



3 DEAD END ELEVATION DETAIL B-B
 SCALE: N.T.S



2 SUBSTATION ELEVATION A-A
 SCALE: N.T.S



4 CONTROL ENCLOSURE ELEVATION C-C
 SCALE: N.T.S

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ENGINEER'S STAMP

CLIENT



PROJECT NAME
LUNA VALLEY SOLAR

SITE LOCATION
 FRESNO COUNTY, CA
 36.603312°, -120.388439°

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWING ISSUE

1	02/10/2020	DETAILS
2	02/19/2020	PER COMMENTS
3	02/20/2020	PER COMMENTS

REVISION ISSUE

DRAWN BY: ZZ CHECKED BY: MH

PROJECT NO.: 20015

DRAWING TITLE
**SUBSTATION
 DETAILS**

DRAWING NUMBER

A105

APPENDIX B BUOW SURVEY DATASHEETS

Phase II Burrow Survey

5/4

5/5

5/6

5/7

5/8

Mapped Burrow ID (take photo)	Dimensions (height, width, depth)	Sign Observed (tracks, feathers, pellets, carcass, white wash, or other items, etc.)
Culvert 1	12.5 in x 27 in < required	no sign
Culvert 2	22 x 24 in, < req	No sign
Culvert 3	2 ft x 3 ft, arches not suitable	no sign
Culvert 4	30 in x 23 in - 2 holes	little matted veg.
Culvert 5	7" x 16" < req	no sign
Culvert 6	21" x 24" < req	"
Culvert 7	20" x 20" < req	" in buffer
Culvert 8	16" x 13" < req	" "
Culvert 9	23" x 23" < req SIG N	pop in pipe " 4 culverts gaps
Pipes 1	various sizes < req	pile of pipes
Pipes 2	10" x 10"	in buffer
Pipe 3	10" x 10"	no sign
Culvert 10	28" x 20"	filled w/ veg, small white wash
Pipe 4	10" x 10"	pop in pipe - SIG N

inside

Comments

Burrowing Owl Survey Form

Date: <u>6/11/20</u>		Surveyor Names: Monique O'Conner, Sara Townsend		
Project/Site Name: <u>Lund</u>				
Phase III Weather Data				
	AM		PM	
Time (24 hr)	Start: _____ End: _____	Start: 1822 End: <u>2035</u>		
Temp (deg F)	Start: _____ End: _____	Start: <u>97°F</u> End: <u>87°F</u>		
Wind (mph)	Start: _____ End: _____	Start: <u>2mph</u> End: <u>6mph</u>		
% Cloud Cover	Start: _____ End: _____	Start: <u>30%</u> End: <u>20%</u>		
Precip (Yes/No)	Start: _____ End: _____	Start: <u>No</u> End: <u>No</u>		
(Good/Fair/Poor)	Start: _____ End: _____	Start: <u>Good</u> End: <u>Good</u>		
Phase III BUOW Survey				
<p>1. Surveyors must stay more than 50 meters (approx. 160 ft) away from any owls or occupied burrows.</p> <p>2. Survey must occur two hours before sunset to one hour after sunset or from one hour before to two hours after sunrise.</p> <p>3. DO NOT survey during heavy rain, high winds greater than 20 miles per hour, or dense fog.</p>				
Mapped BUOW ID (take photo)	# of Owls or Nesting Pairs (note nestlings, juveniles, adults, or unknown)	Behavior (feeding, resting, courtship, alarm, territorial defense, copulation)	Time observed (24 hr)	Comments (note associated Burrow ID)
<u>Culvert 10</u>	<u>—</u>	<u>—</u>	<u>1822</u>	<u>both sides filled w/ debris</u>
<u>Pipe 3</u>	<u>—</u>	<u>—</u>	<u>1833</u>	<u>—</u>
<u>Culvert 6</u>	<u>—</u>	<u>—</u>	<u>1843</u>	<u>—</u>
<u>Culvert 1</u>	<u>—</u>	<u>—</u>	<u>1929</u>	<u>—</u>
<u>Pipe 2</u>	<u>—</u>	<u>—</u>	<u>1937</u>	<u>—</u>
<u>Culvert 2</u>	<u>—</u>	<u>—</u>	<u>1940</u>	<u>—</u>
<u>Culvert 5</u>	<u>—</u>	<u>—</u>	<u>1948</u>	<u>—</u>
<u>Culvert 3</u>	<u>—</u>	<u>—</u>	<u>1957</u>	<u>—</u>
<u>Pipe 4</u>	<u>—</u>	<u>—</u>	<u>2011</u>	<u>poop previously observed still present</u>
<u>Culvert 9</u>	<u>—</u>	<u>—</u>	<u>2016</u>	<u>—</u>
<u>Culvert 8</u>	<u>—</u>	<u>—</u>	<u>2016</u>	<u>—</u>
<u>Pipes 1</u>	<u>—</u>	<u>—</u>	<u>2020</u>	<u>—</u>
<u>Culvert 7</u>	<u>—</u>	<u>—</u>	<u>2021</u>	<u>—</u>
<u>Culvert 4</u>	<u>—</u>	<u>—</u>	<u>2029</u>	<u>small mammal inside maybe kangaroo rat?</u>
Comments				

Burrowing Owl Survey Form

Date: <u>7/10/20</u>		Surveyor Names: Daniel Berg, Monique O'Conner		
Project/Site Name: <u>Lvna Janus Solar</u>		Nikki Bottum		
Phase III Weather Data				
	AM		PM	
Time (24 hr)	Start: <u>0530</u>	End: <u>0700</u>	Start: _____ End: _____	
Temp (deg F)	Start: <u>68°F</u>	End: <u>75°F</u>	Start: _____ End: _____	
Wind (mph)	Start: <u>0-1</u>	End: <u>1-2</u>	Start: _____ End: _____	
% Cloud Cover	Start: <u>20%</u>	End: <u>20%</u>	Start: _____ End: _____	
Precip (Yes/No)	Start: <u>No</u>	End: <u>No</u>	Start: _____ End: _____	
(Good/Fair/Poor)	Start: <u>good</u>	End: <u>Good</u>	Start: _____ End: _____	
Phase III BUOW Survey				
<p style="color: red;">1. Surveyors must stay more than 50 meters (approx. 160 ft) away from any owls or occupied burrows.</p> <p style="color: red;">2. Survey must occur two hours before sunset to one hour after sunset or from one hour before to two hours after sunrise.</p> <p style="color: red;">3. DO NOT survey during heavy rain, high winds greater than 20 miles per hour, or dense fog.</p>				
Mapped BUOW ID (take photo)	# of Owls or Nesting Pairs (note nestlings, juveniles, adults, or unknown)	Behavior (feeding, resting, courtship, alarm, territorial defense, copulation)	Time observed (24 hr)	Comments (note associated Burrow ID)
<u>Culvert 1</u>	<u>—————</u>	<u>—————</u>	<u>0534</u>	<u>Cottontail in burrow (above)</u>
<u>Pipe 2</u>	<u>—————</u>	<u>—————</u>	<u>0540</u>	<u>—————</u>
<u>Culvert 2</u>	<u>—————</u>	<u>—————</u>	<u>0545</u>	<u>—————</u>
<u>Culvert 5</u>	<u>—————</u>	<u>—————</u>	<u>0555</u>	<u>—————</u>
<u>C4</u>	<u>—————</u>	<u>—————</u>	<u>0605</u>	<u>—————</u>
<u>C-3</u>	<u>—————</u>	<u>—————</u>	<u>0600</u>	<u>—————</u>
<u>P3</u>	<u>—————</u>	<u>—————</u>	<u>0610</u>	<u>—————</u>
<u>EB</u>	<u>—————</u>	<u>—————</u>	<u>0620</u>	<u>—————</u>
<u>C10</u>	<u>—————</u>	<u>—————</u>	<u>0625</u>	<u>—————</u>
<u>P4</u>	<u>—————</u>	<u>—————</u>	<u>0635</u>	<u>—————</u>
<u>C9</u>	<u>—————</u>	<u>—————</u>	<u>0640</u>	<u>—————</u>
<u>C8</u>	<u>—————</u>	<u>—————</u>	<u>0645</u>	<u>—————</u>
<u>P1</u>	<u>—————</u>	<u>—————</u>	<u>↓</u>	<u>—————</u>
<u>C7</u>	<u>—————</u>	<u>—————</u>	<u>↓</u>	<u>—————</u>
Comments				

Burrowing Owl Survey Form

Date: <u>1/5/21</u>	Surveyor Names: Daniel Berg, Monique O'Conner
Project/Site Name: <u>Luna Janus Solar</u>	

Phase III Weather Data					
		AM		PM	
Time (24 hr)	Start: <u>0650</u>	End: <u>0855</u>	Start: _____	End: _____	
Temp (deg F)	Start: <u>45.3°F</u>	End: <u>51°</u>	Start: _____	End: _____	
Wind (mph)	Start: <u>0-5</u>	End: <u>0-5</u>	Start: _____	End: _____	
% Cloud Cover	Start: <u>10%</u>	End: <u>10%</u>	Start: _____	End: _____	
Precip (Yes/No)	Start: <u>No</u>	End: <u>No</u>	Start: _____	End: _____	
Visibility (Good/Fair/Poor)	Start: <u>Good</u>	End: <u>Good</u>	Start: _____	End: _____	

- Phase III BUOW Survey**
1. Surveyors must stay more than 50 meters (approx. 160 ft) away from any owls or occupied burrows.
 2. Survey must occur two hours before sunset to one hour after sunset or from one hour before to two hours after sunrise.
 3. DO NOT survey during heavy rain, high winds greater than 20 miles per hour, or dense fog.

Mapped BUOW ID (take photo)	# of Owls or Nesting Pairs (note nestlings, juveniles, adults, or unknown)	Behavior (feeding, resting, courtship, alarm, territorial defense, copulation)	Time observed (24 hr)	Comments (note associated Burrow ID)
C5	—	—	0653	—
C3	—	—	0703	—
C2	—	—	0713	—
P2	—	—	0718	—
C1	—	—	0723	—
C4	—	—	0747	matted vegetation trail near entrance (wildlife?)
Pipe 5	—	sign	0742	see below * 8 x 10 x 59 in.
P13	—	—	0755	—
C6	—	—	0802	—
C10	—	—	0846	—
P4	—	whitewash/pellet	0823	—
C9	—	whitewash on top of burrow	0830	—
C8	—	—	0835	—
P1	—	—	0835	—
C7	—	—	0837	—

new point on collector

Comments

white crowned sparrow * previously ruled out b/c didn't meet burrow criteria, but now, MORO black tailed jaybird whitewash, multiple pellets, large mammal poop (coyote?), animal Raven shrike bone, raven feathers

killdeer Northern harrier
mountain plover
Says phoebe

APPENDIX C PHOTOGRAPHS

Photograph 1

Notes:
Culvert 1.



Photograph 2

Notes:
Culvert 2.



Photograph 3

Notes:
Culvert 3.



Photograph 4

Notes:
Culvert 4.



Photograph 5

Notes:
Culvert 5.



Photograph 6

Notes:
Culvert 6.



Photograph 7

Notes:
Culvert 7.



Photograph 8

Notes:
Culvert 8.



Photograph 9

Notes:
Culvert 9.
Network of 4
culverts with
whitewash
observed inside
one culvert.



Photograph 10

Notes:
Culvert 10. Small
amount of
whitewash
observed inside
one culvert.



Photograph 11

Notes:
Pipe 1. Sedentary pile of pipes.



Photograph 12

Notes:
Pipe 2.



Photograph 13

Notes:
Pipe 3.



Photograph 14

Notes:
Pipe 4.
Whitewash
observed inside
pipe. Cast pellets
also observed
during winter
season survey.



Photograph 15

Notes:
Pipe 5. Cast pellets, whitewash, large mammal excrement, an animal bone, and a common raven feather were observed during the winter season survey. This pipe was not considered suitable during breeding season surveys but was washed out and met burrow size criteria during winter season surveys.



Photograph 16

Notes:
Representative photo of cast pellet at Pipe 4 during the winter season survey (circled in red).



Photograph 17

Notes:
Representative photo of dissected cast pellet at Pipe 4 during the winter season survey.



Photograph 18

Notes:
Northeast section of Project site.



Photograph 19

Notes:
Southeast section
of Project site.



Photograph 20

Notes:
Central area of
Project site.



Photograph 21

Notes:
Southwest
section of Project
site.



Appendix F4

Jurisdictional Delineation Report



JURISDICTIONAL DELINEATION REPORT

**Luna Valley Solar Project
Fresno County, California**



September 16, 2020

 **Clearway**
Luna Valley Solar I, LLC

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APPENDICES

Appendix A Wetland Determination Data Forms
Appendix B Photographs

ACRONYMS/ABBREVIATIONS

CDFW	California Department of Fish and Wildlife
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
FAC	Facultative
FACU	Facultative Upland
FACW	Facultative Wetland
GPS	Global Positioning System
NL	non listed
OBL	Obligate Wetland
OHWM	ordinary high water mark
Project	Luna Valley Solar Project
Project proponent	Luna Valley Solar I, LLC
RWQCB	Regional Water Quality Control Board
SWRCB	State Water Resources Control Board
Tetra Tech	Tetra Tech, Inc.
UPL	Upland
U.S.	United States
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
WDRs	waste discharge requirements

1.0 INTRODUCTION

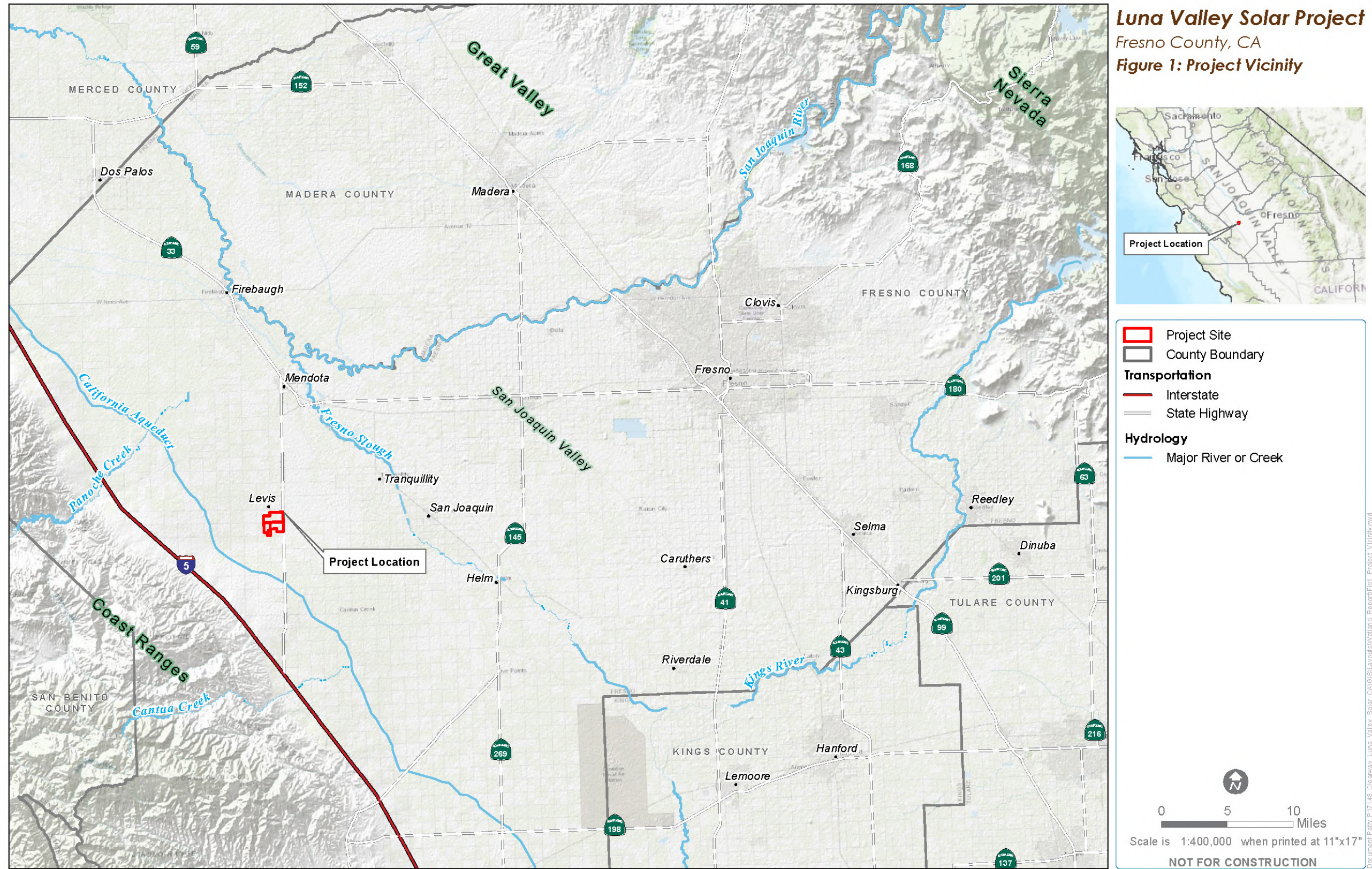
Tetra Tech, Inc. (Tetra Tech) prepared this jurisdictional delineation report for the proposed Luna Valley Solar Project (Project). Luna Valley Solar I, LLC (Project proponent) proposes to develop approximately 1,300 acres of land (Project site) located in the unincorporated community of Levis, Fresno County, California, for the development and operation of a photovoltaic solar energy facility (Figure 1).

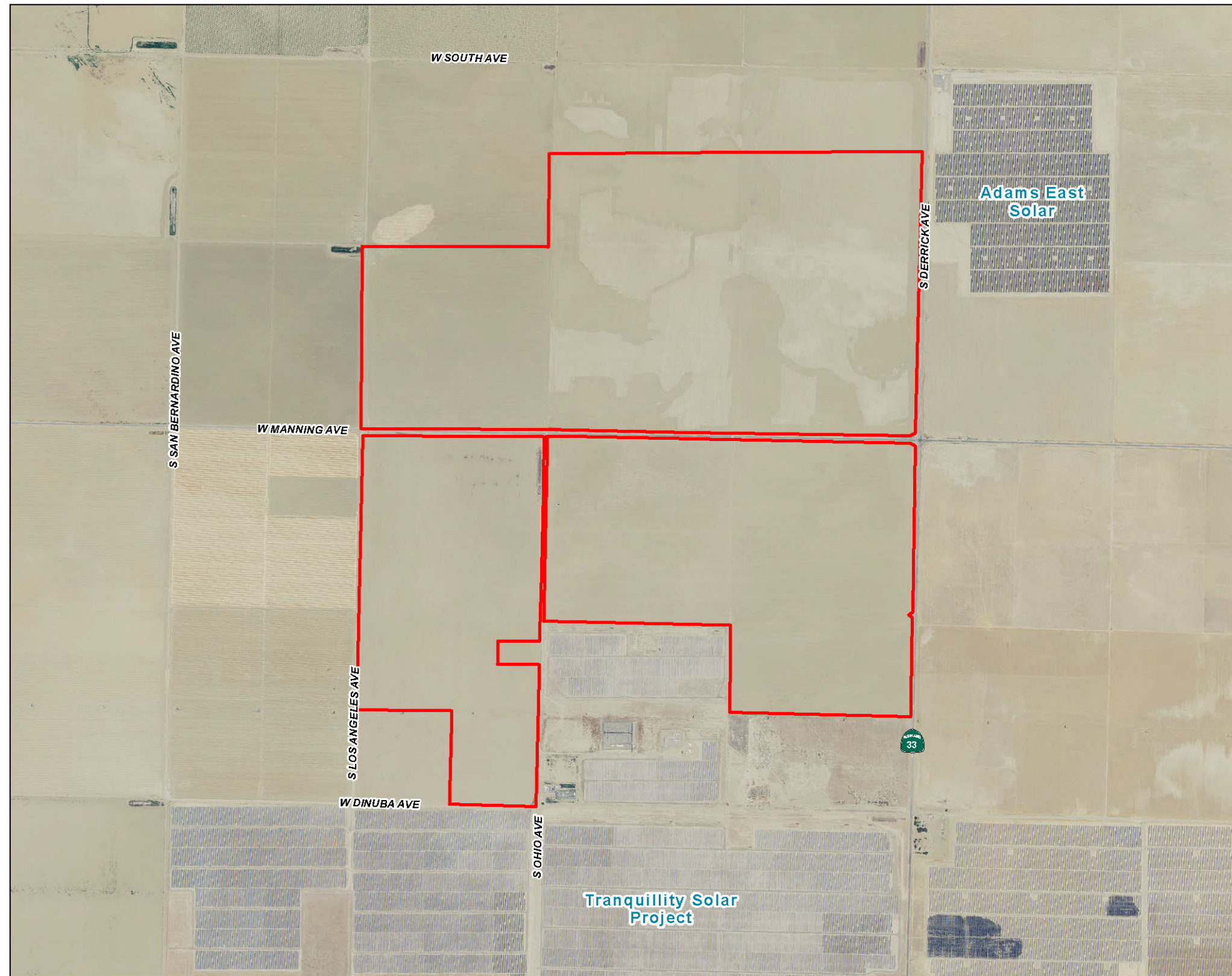
The Project consists of constructing and operating a photovoltaic solar electricity generating facility, energy storage system, and associated infrastructure that would produce up to 200 megawatts of alternating current energy at the point of electrical grid interconnection. The Project would include the construction of solar arrays, electrical substation and interconnection facilities, energy storage system, operation and maintenance building, septic system and leach field, associated infrastructure such as control and data acquisition system, meteorological data system, buried and overhead wires/lines, and on-site access roads and security fencing. Construction is tentatively scheduled to begin in 2022 (start date is still to be determined) and last approximately 16 months. The facility would begin operation in 2023.

Tetra Tech conducted a literature review and a survey of the Project site and a 150-meter buffer zone (Figure 2). Biologists surveyed the Project site in 2020 and conducted a jurisdictional delineation on any potential jurisdictional wetlands and waters of the United States (U.S.). The results of the general biological survey are summarized in a separate report. This report focuses on the jurisdictional delineation methods and results.

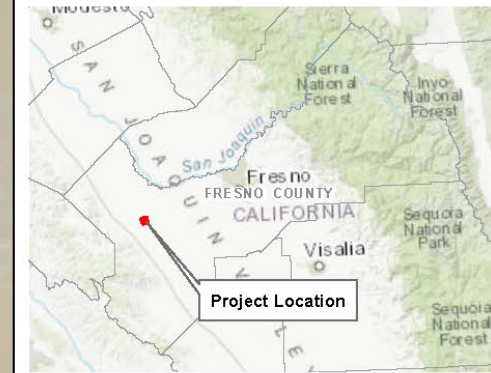
The purpose of this jurisdictional delineation report is to:


- Summarize methods and results of the delineation.
- Indicate jurisdictional areas covered under the United States Army Corps of Engineers (USACE), California Department of Fish and Wildlife (CDFW), and Regional Water Quality Control Board (RWQCB) criteria.
- Identify jurisdictional areas.
- Support the permit process, if the Project will impact jurisdictional areas.






Luna Valley Solar Project
Fresno County, CA
Figure 2: Project Site Boundary



 Project Site



0 0.325 0.65 Miles

Scale is 1:16,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

2.0 ENVIRONMENTAL SETTING

The Project site is located on approximately 1,300 acres of privately-owned, undeveloped, agricultural land owned by the Westlands Water District in the rural community of Levis, Fresno County, California. The Project site is within the San Joaquin Valley, which is drained by the San Joaquin River (California Department of Conservation, California Geological Survey 2002). No primary or secondary tributaries are known to occur on or adjacent to the Project site. The Project site is flat and the elevational range is 185–215 feet above mean sea level.

The Project site has historically been used for dry-farmed (non-irrigated) agriculture (low-yield production of winter wheat, alfalfa, oats) and has been used for this purpose for the last 10 years. The Project site is entirely developed for agriculture. Agricultural land in the Project area has been documented to contain relatively high levels of selenium and a water table that does not provide enough drainage for commercially irrigated crops. During dry years with insufficient rainfall for crop production, Project parcels were fallow, or the land was grazed as rangeland grasses. Currently, some portions of the Project area lie fallow while most of the area is used for dryland farming to grow livestock fodder such as alfalfa.

3.0 REGULATORY OVERVIEW AND DEFINITIONS

3.1 U.S. ARMY CORPS OF ENGINEERS

Section 404 of the Clean Water Act provides the U.S. Environmental Protection Agency (EPA) and the USACE regulatory and permitting authority over activities that result in the discharge of dredged or fill material into “navigable Waters of the U.S.” Section 502(7) of the Clean Water Act defines navigable waters as “Waters of the U.S., including territorial seas.” Section 328 of Chapter 33 in the Code of Federal Regulations (CFR) defines the term Waters of the U.S. as it applies to the jurisdictional limits of the authority of the USACE under the Clean Water Act. A summary of this definition of Waters of the U.S. in 33 CFR Section 328.3 includes (1) waters which are currently used, or were used in the past for commerce, or may be susceptible to use in interstate or foreign commerce, including all waters subject to tides; (2) interstate waters and wetlands; (3) Waters of the U.S. such as intrastate lakes, rivers, streams, and wetlands; (4) impoundments of waters; (5) tributaries of waters; (6) territorial seas; and (7) wetlands adjacent to waters (Federal Register 1986). Therefore, for the purpose of determining USACE jurisdiction under the Clean Water Act, “navigable waters” as defined in the Clean Water Act are the same as Waters of the U.S. defined in the CFR above.

The limits of USACE jurisdiction under Section 404 as defined in 33 CFR Section 328.4 are as follows: (a) Territorial seas: three nautical miles in a seaward direction from the baseline; (b) Tidal waters of the U.S.: high tide line or to the limit of adjacent non-tidal waters; (c) Non-tidal waters of the U.S.: ordinary high water mark (OHWM) or to the limit of adjacent wetlands; (d) Wetlands: to the limit of the wetland.

3.1.1 Section 404 Jurisdictional Wetlands

The USACE has defined the term “wetlands” as follows (33 CFR 328.3):

Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

The three parameters that are used to determine the presence of wetlands are: (1) hydrophytic vegetation, (2) wetland hydrology, and (3) hydric soils. Evidence of a minimum of one positive wetland indicator from each of the three parameters must be found in order to make a positive wetland delineation (USACE 2008).

3.1.1.1 Vegetation

Hydrophytic vegetation is defined as areas where the frequency and duration of inundation or soil saturation exerts a controlling influence on the plant species present. Plant species are assigned wetland indicator status according to the probability of their occurrence in a wetland. More than fifty percent of the dominant plant species must have a wetland indicator status to meet the hydrophytic vegetation criterion. The USACE has published the *Arid West 2016 Regional Wetland Plant List (2016)* which separates vascular plants into the following categories based on plant species frequency of occurrence in wetlands:

- Obligate Wetland (OBL). Occur almost always (estimated probability >99%) under natural conditions in wetlands.
- Facultative Wetland (FACW). Usually occur in wetlands (estimated probability 67-99%), but occasionally found in non-wetlands.

- Facultative (FAC). Equally likely to occur in wetlands or non-wetlands (estimated probability 34-66%).
- Facultative Upland (FACU). Usually occur in non-wetlands (estimated probability 67-99%), but occasionally found in wetlands (estimated probability 1-33%).
- Obligate Upland (UPL). Occur almost always (estimated probability greater than 99%) under natural conditions in non-wetlands.

The USACE considers OBL, FACW, and FAC species to be indicators of a wetland. An area is considered to have hydrophytic vegetation when greater than 50 percent of the dominant species in each vegetative stratum (tree, shrub, and herb) fall within these categories. Any species not listed (NL) in the USACE wetland plant list is assumed to be an upland species, almost never occurring in wetlands.

A secondary hydrophytic vegetation identifier is a prevalence index of 3.0 or less. The prevalence index is a weighted-average wetland indicator status of all plant species at the sample point, where each indicator status category is given a numeric code (OBL=1, FACW=2, FAC=3, FACU=4, and UPL=5) and weighting is by abundance (percent cover). This method is a more comprehensive analysis of the hydrophytic status of the community than one based on just a few dominant species. The prevalence index is used as a supplement to determine whether hydrophytic vegetation is present on sites where indicators of hydric soil and wetland hydrology are present, but the vegetation initially fails the dominance test.

3.1.1.2 Hydrology

Wetland hydrology is inundation or soil saturation with a frequency and duration long enough to cause the development of hydric soils and plant communities dominated by hydrophytic vegetation. If direct observation of wetland hydrology is not possible (as in seasonal wetlands), or records of wetland hydrology are not available (such as stream gauges), assessment of wetland hydrology is frequently supported by indicators, such as watermarks, surface soil cracks, sediment deposits, or a high water table.

OHWM is a line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding area.

3.1.1.3 Soils

Hydric soils are saturated or inundated for a sufficient duration during the growing season to develop anaerobic or reducing conditions that favor the growth and regeneration of hydrophytic vegetation. Field indicators of wetland soils include sulfidic odor, observations of ponding, inundation or saturation, dark (low chroma) soil colors, bright mottles (concentrations of oxidized minerals such as iron), or gleying, which indicates reducing conditions by a blue-grey color. Additional supporting information includes documentation of soil as hydric or reference to wet conditions in the local soil survey, both of which must be verified in the field.

Field indicators for hydric soils are particularly difficult to observe in sandy soils, which are often recently deposited soils of floodplains. These soils usually lack sufficient fines (clay and silt) and organic material to allow use of color as a reliable indicator of hydric soil. Hydric soil indicators in sandy soils include accumulations of organic matter, and organic pan.

3.1.2 Section 404 Jurisdictional Waters of the U.S.

Waters of the U.S. subject to the USACE jurisdiction include lakes, rivers, and perennial or intermittent streams. USACE jurisdiction of Waters of the U.S. in non-tidal areas extends to the OHWM, as defined

above. Waters of the U.S. are identified in the field by the presence of a defined river or streambed, a bank, and evidence of the flow of water, or by the abundance of emergent vegetation in ponds or lakes. Waters of the U.S. must also show evidence of a “significant nexus” to a traditionally navigable water or the territorial seas.

3.1.3 Areas Exempt from Section 404 Jurisdiction

On June 29, 2015, the Clean Water Rule was published in the Federal Register, which became effective in California in August 2018. On October 22, 2019, the EPA and the Department of the Army published a final rule to repeal the Clean Water Rule and restore the regulatory text that existed prior to the Clean Water Rule, which became effective on December 23, 2019. On April 21, 2020, the EPA and the Department of the Army published the Navigable Waters Protection Rule in the Federal Register to finalize a revised definition of Waters of the U.S. under the Clean Water Act. The definition was streamlined to include four categories of jurisdictional waters, provide exclusions for many water features that traditionally have not been regulated, and to define terms in the regulatory text. The Navigable Waters Protection Rule regulates navigable waters and the core tributary systems that provide perennial or intermittent flow into them. This final rule became effective on June 22, 2020.

Under the final Navigable Waters Protection Rule, four categories of waters are federally regulated:

- The territorial seas and traditional navigable waters.
- Perennial and intermittent tributaries to those waters.
- Certain lakes, ponds, and impoundments.
- Wetlands adjacent to jurisdictional waters.

The final rule details 12 categories of exclusions (i.e., features that are not Waters of the U.S.), such as features that only contain water in direct response to rainfall (e.g., ephemeral features), groundwater, many ditches, prior converted cropland, and waste treatment systems. The final rule also clarifies key elements related to the scope of Federal Clean Water Act jurisdiction, including:

- Providing clarity and consistency by removing the proposed separate categories for jurisdictional ditches and impoundments.
- Refining the proposed definition of “typical year,” which provides important regional and temporal flexibility and ensures jurisdiction is being accurately determined in times that are not too wet and not too dry.
- Defining “adjacent wetlands” as wetlands that are meaningfully connected to other jurisdictional waters, for example, by directly abutting or having regular surface water communication with jurisdictional waters.

3.2 REGIONAL WATER QUALITY CONTROL BOARD

The Dickey Water Pollution Act of 1949 and Porter-Cologne Water Quality Control Act of 1969 (Porter-Cologne) established the State Water Resources Control Board (SWRCB) and nine Regional Water Quality Control Boards (RWQCBs) in California. The SWRCB and each RWQCB regulate activities in Waters of the State which include Waters of the U.S. “Waters of the State” are defined by the Porter-Cologne Act as “any surface water or groundwater, including saline waters, within the boundaries of the state.”

The SWRCB/RWQCB regulates the “discharge of waste,” including discharges of fill and dredged material, into Waters of the State. All parties proposing to discharge waste that could affect Waters of the State must file a report of waste discharge with the appropriate RWQCB. The RWQCB will then respond to the report

of waste discharge by issuing waste discharge requirements (WDRs) in a public hearing, or by waiving WDRs (with or without conditions) for that proposed discharge.

Pursuant to Section 401 of the Clean Water Act, the SWRCB/RWQCB established the State Water Quality Certification Program. This program issues certifications for projects which propose to discharge fill or dredged material into Waters of the State. Water Quality Certification is necessary for all projects that require a USACE Section 404 permit, or fall under other federal jurisdiction, and have the potential to impact Waters of the State. A Water Quality Certification issued by the SWRCB/RWQCB certifies that project activities will not violate water quality standards individually or cumulatively over the term of the action. A Water Quality Certification must be consistent with the requirements of the Federal Clean Water Act, the California Environmental Quality Act, the California Endangered Species Act, and the Porter-Cologne Act.

If a proposed project or portion of a proposed project does not require a federal permit, but does involve dredge or fill activities that may result in a discharge to Waters of the State, the RWQCB has the option to regulate the dredge and fill activity under its state authority in the form of WDRs or Certification of WDRs. In these cases, a Water Quality Certification is not necessary under Section 401 of the Clean Water Act because federal jurisdiction does not apply.

The SWRCB has adopted the *State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State* (Procedures), which became effective on May 28, 2020 (SWRCB 2019). The Procedures consist of the following four components: (1) a statewide wetland definition; (2) a framework for determining if a feature that meets the wetland definition is a Water of the State; (3) wetland delineation procedures; and (4) supplemental procedures for application submittal, and the review and approval of Water Quality Certifications, WDRs, and waivers of WDRs for dredge or fill activities, including the *State Supplemental Dredge or Fill Guidelines* (Appendix A of the Procedures). The Procedures define an area as a wetland as follows: an area is a wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation. This definition does not affect the meaning of Waters of the State as it pertains to SWRCB/RWQCB jurisdiction pursuant to the Porter-Cologne Act, nor does it modify the current authorities of the SWRCB/RWQCB to protect water quality.

The Procedures consider all natural wetlands, wetlands created by modification of Waters of the State, and wetlands that meet current or historic definitions of Waters of the U.S., to be Waters of the State. In addition, the Procedures considers artificial wetlands (i.e., wetlands that result from human activity) that meet specific criteria to be Waters of the State. The Procedures provide wetland delineation procedures by incorporating the established delineation procedures set forth by the USACE.

3.2.1 Waters of the State

The SWRCB and RWQCB have established a formal wetland definition and have developed a wetland delineation protocol, which incorporates the same delineation protocol set forth by the USACE (USACE 2008). However, contrary to the USACE wetland definition, the State's wetland delineation will also protect non-vegetated wetlands. The methods used to determine potential Waters of the State were the same as those described above for potential Section 404 jurisdiction.

3.2.2 Areas Exempt from State Jurisdiction

Unlike federal regulations, dredging, filling, or excavation within isolated wetlands and Waters of the U.S. constitutes a discharge to Waters of the State, and prospective discharges are required to submit a report of waste discharge to the RWQCB to comply with requirements of the Porter-Cologne Act. The wetland delineation method outlined by the USACE (USACE 2008) has been utilized to map wetlands subject to SWRCB and RWQCB jurisdiction.

Areas exempt from SWRCB/RWQCB jurisdiction include all artificial wetlands that are less than 1 acre in size and do not satisfy the following criteria: (1) created by modification of a surface Water of the State; (2) approved by an agency as compensatory mitigation for impacts to other Waters of the State, except where the approving agency explicitly identifies the mitigation as being of limited duration; (3) specifically identified in a water quality control plan as a wetland or other Water of the State; or (4) resulted from historic human activity, is not subject to ongoing operation and maintenance, and has become a relatively permanent part of the natural landscape. In addition, artificial wetlands greater than or equal to one acre in size are exempt from SWRCB/RWQCB jurisdiction if the artificial wetland was constructed, and is currently used and maintained, primarily for one or more of the following purposes: (1) industrial or municipal wastewater treatment or disposal; (2) settling of sediment; (3) detention, retention, infiltration, or treatment of stormwater runoff and other pollutants or runoff subject to regulation under a municipal, construction, or industrial stormwater permitting program; (4) treatment of surface waters; (5) agricultural crop irrigation or stock watering; (6) fire suppression; (7) industrial processing or cooling; (8) active surface mining – even if the site is managed for interim wetlands functions and values; (9) log storage; (10) treatment, storage, or distribution of recycled water; (11) maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits); or (12) fields flooded for rice growing.

3.3 CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

The CDFW is responsible for conserving, protecting, and managing California's fish, wildlife, and native plant resources. Streams and lakes, as habitat for fish, wildlife, and native plant species, are subject to jurisdiction by CDFW under Sections 1600-1616 of the State Fish and Game Code. Fish and Game Code Section 1602 requires any person, state or local governmental agency, or public utility to notify CDFW before beginning any activity that will do one or more of the following: (1) substantially obstruct or divert the natural flow of a river, stream, or lake; (2) substantially change or use any material from the bed, channel, or bank of a river, stream, or lake; or (3) deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it can pass into a river, stream, or lake. These regulated activities require a 1602 Lake and Streambed Alteration Agreement from CDFW. Removal of riparian vegetation also requires a Section 1602 Lake and Streambed Alteration Agreement.

The Fish and Game Code, Sections 1600-1616, regulates activities that would alter the flow, bed, banks, channel, or associated riparian areas of a river, stream, or lake. CDFW jurisdiction over lakes and streams is to the top of bank, or edge of riparian vegetation as determined by edge of dripline, whichever is further (CDFW 1994).

4.0 JURISDICTIONAL DELINEATION METHODS

Prior to the field survey, a literature review was conducted to evaluate the potential jurisdictional areas within the Project site and a 150-meter buffer. Biologists reviewed the U.S. Geological Survey (USGS) 7.5-Minute Topographic Map *Levis* Quadrangle, aerial imagery (Google Earth®), historic imagery (Google Earth® and Historic Aerials by Netronline [Netronline 2020]), the National Wetlands Inventory (NWI) database (U.S. Fish and Wildlife Service 2020), and the United States Department of Agriculture (USDA) National Resources Conservation Service (NRCS) Web Soil Survey (2020).

A jurisdictional delineation was performed within the Project site on May 8 and 9, 2020. The delineation was conducted at potential jurisdictional areas identified during the general biological survey. The USACE has developed standard methods and data reporting forms contained in the *Interim Regional Supplement to the Corps of Engineering Wetland Delineation Manual: Arid West Region* (USACE 2008), a supplement to the *Corps of Engineers Wetland Delineation Manual* (Environmental Laboratory 1987), to determine the presence or absence of wetlands and Waters of the U.S. The procedures described in the *Interim Regional Supplement to the Corps of Engineering Wetland Delineation Manual: Arid West Region* were used to identify wetlands and Waters of the U.S. in the project site that are potentially subject to regulation under Section 404 of the Clean Water Act. This delineation methodology was also used to evaluate potential Waters of the State under RWQCB jurisdiction.

Sample points were taken to determine areas of potential jurisdiction and were mapped in the field using an Eos Arrow 100 Global Positioning System (GPS) receiver with sub-meter accuracy. Field indicators were examined, and wetland data reporting forms were used to record three parameters: hydrophytic vegetation, wetland hydrology, and hydric soils. Completed wetland data forms are provided in Appendix A. Photographs taken during the field survey are provided in Appendix B.

Plant species present and the presence or absence of hydrophytic vegetation was recorded. Hydrophytic vegetation was determined to be present if greater than 50 percent of the dominant species at the sample point were OBL, FACW, or FAC (USACE 2016). If the hydrophytic vegetation dominance test was not greater than 50 percent, then the prevalence index was conducted. If the prevalence index was less than or equal to 3.0 then the vegetation was considered hydrophytic.

Soil pits were excavated to a depth of 10-18 inches to examine soils for evidence of hydric indicators and to determine the extent of soil saturation at the sample points. Soil pit locations are synonymous with sample points and were chosen where one or more of the parameters appeared to change. The top 10-18 inches of the soil profile was examined for indicators of hydric soil. Hydric soils were determined based on the presence of one or more of the hydric soil indicators.

At each sample point, indicators of wetland hydrology were examined. Indicators for wetland hydrology include surface water, saturation, high water table, surface soil cracks, sediment deposits, oxidized rhizospheres along living roots, biotic crust, etc.

A sample point was considered to be within a USACE wetland if the area met all three wetland parameters. If one or more of these parameters was not met in a typical situation, the point was considered to not be within a USACE wetland.

The immediately surrounding areas of potential jurisdictional features were examined for an OHWM and a discernible significant nexus to a traditionally navigable water or the territorial seas.

5.0 RESULTS

5.1 LITERATURE REVIEW

The Project site and 150-meter buffer do not contain blue-line streams, which are broken or solid blue or purple lines on the USGS topographic map. Natural landforms, such as mountains, hills, canyons, and ridgelines, as well as riparian strip, drainages, and waterways are also absent. The Project site and 150-meter buffer do not contain NWI wetlands (USFWS 2020).

5.2 JURISDICTIONAL DELINEATION

Two potential jurisdictional areas were found within the Project site (Figures 3 and 4). Both of the areas are agricultural ditches. Hydric soils have not been previously documented at these areas (USDA NRCS 2020). Vegetation in the area was determined to be in the *Hirschfeldia incana* – *Salsola* sp. Herbaceous Semi-Natural Alliance during the general biological survey, which was dominated by Mediterranean hoary mustard (*Hirschfeldia incana*) and Russian thistle (*Salsola* sp.). A jurisdictional delineation was conducted at each area and the results are provided in Table 1.

Table 1. Jurisdictional Delineation Results

Sample Area	Sample Point	Hydrophytic Vegetation	Wetland Hydrology	Hydric Soil	Notes
Potential Wetland Area #1	W-1A	-	-	-	
	W-1B	-	Yes	-	Wetland hydrology was observed as oxidized rhizospheres along living roots (C3).
	UP-1A	-	-	-	
	UP-1B	-	-	-	
Potential Wetland Area #2	W-2	-	-	-	
	UP-2A	-	-	-	
	UP-2B	-	-	-	

Note: “-“ = criteria not met.

Based on the results of the jurisdictional delineation, it was determined that Potential Wetland Areas #1 and #2 do not meet the criteria for jurisdiction under the USACE, RWQCB, or CDFW. The results of the delineation in the context of the USACE, RWQCB, and CDFW are discussed in the sections below.

5.3 U.S. ARMY CORPS OF ENGINEERS

5.3.1 Section 404 Jurisdictional Wetlands

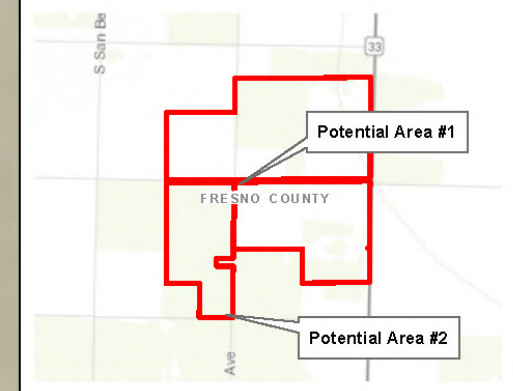
As shown in Table 1, no sample point met all three criteria required to be a USACE Section 404 wetland. Potential Wetland Areas #1 and #2 were isolated areas with no discernible OHWM. No USACE Section 404 wetlands were identified at the Project site. Data on vegetation, hydrology, and soils collected at the sample points during the delineation are provided on standard USACE wetland data forms in Appendix A. Sample points are shown in Figures 3 and 4.



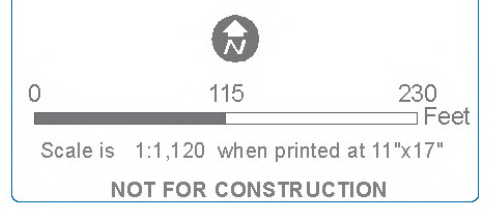
Luna Valley Solar Project

Fresno County, CA

Figure 3: Wetland Delineation
Potential Wetland Area #1



- Project Site
- Potential Wetland Areas**
- Potential Wetland Area
- Sample Points**
- Wetland Soil Pit
- Upland Soil Pit

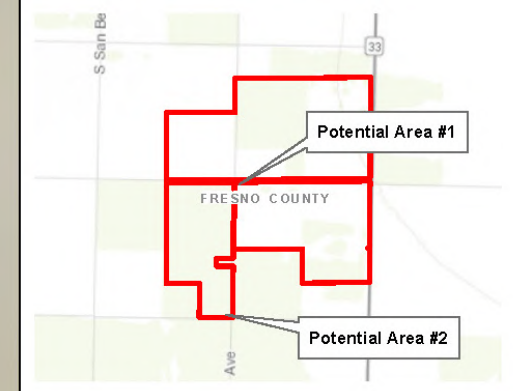




Luna Valley Solar Project

Fresno County, CA

Figure 4: Wetland Delineation
Potential Wetland Area #2



- Project Site
- Potential Wetland Areas
 - Potential Wetland Area
- Sample Points
 - Wetland Soil Pit
 - Upland Soil Pit

0 20 40 Feet
Scale is 1:230 when printed at 11"x17"
NOT FOR CONSTRUCTION

5.3.2 Section 404 Jurisdictional Waters of the U.S.

Potential Wetland Areas #1 and #2 were isolated areas with no discernible OHWM, influent or effluent surface flow, or discernible significant nexus to a traditionally navigable water or the territorial seas. No USACE Section 404 Waters of the U.S. were identified within the Project site.

5.3.3 Areas Exempt from Section 404 Jurisdiction

No areas exempt from Section 404 jurisdiction were found within the Project site.

5.4 REGIONAL WATER QUALITY CONTROL BOARD

5.4.1 Waters of the State

Potential Wetland Areas #1 and #2 were isolated areas with no discernible OHWM. Although wetland hydrology was observed at Potential Wetland Area #1, no evidence of hydric soil was observed at either area. Therefore, the new State wetland definition was not met and no RWQCB Waters of the State were identified within the Project site.

5.4.2 Areas Exempt from State Jurisdiction

No areas exempt from RWQCB jurisdiction were identified within the Project site.

5.5 CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

Potential Wetland Areas #1 and #2 were isolated areas that would not be considered a river, stream, or lake, do not support riparian vegetation, and do not have features including flow or a defined river/stream bed, bank, or channel. Therefore, no areas of CDFW jurisdiction under Sections 1600-1616 of the State Fish and Game Code were found within the Project site.

6.0 CONCLUSION

Based on the results of the jurisdictional delineation and literature review, the Project site does not contain any areas that are under USACE, RWQCB, and/or CDFW jurisdictions. Therefore, no impacts to jurisdictional areas would occur. Associated permits or agreements for impacts to Section 404 jurisdictional wetlands, Section 404 jurisdictional Waters of the U.S., RWQCB jurisdictional Waters of the State, or CDFW Sections 1600-1616 jurisdictional areas are not required. This report is subject to verification by the USACE.

7.0 LITERATURE CITED

- CDFW (California Department of Fish and Wildlife). 1994. *A Field Guide to Lake and Streambed Alteration Agreements*. Sections 1600-1616, California Fish and Game Code. Environmental Services Division.
- Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*. Technical Report Y-87-1. Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station.
- Federal Register. 1986. *Department of Defense, Corps of Engineers, Department of the Army, 33 CFR Parts 320 through 330, Regulatory Programs of the Corps of Engineers; Final Rule*. November 13. Vol. 51, No. 219; page 41217.
- Netronline. 2020. Historic Aerials. Website: <https://www.historicaerials.com/viewer>. Accessed on July 10, 2020.
- State Water Resources Control Board (SWRCB). 2019. *State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State*. April 2.
- USACE (United States Army Corps of Engineers). 2008. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)*, ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- USACE (United States Army Corps of Engineers). 2016. *Arid West 2016 Regional Wetland Plant List*.
- USDA NRCS (United States Department of Agriculture National Resources Conservation Service). 2020. Web Soil Survey. <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>. Accessed on July 30, 2020.
- USFWS (United States Fish and Wildlife Service). 2020. National Wetlands Inventory. Wetlands Mapper. Website: <https://www.fws.gov/wetlands/data/Mapper.html>. Accessed on February 26, 2020.

APPENDIX A WETLAND DETERMINATION DATA FORMS

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 8, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: W-1A
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): Concave Slope (%): 5-10
 Subregion (LRR): C - Mediterranean California Lat: 36.602143 Long: -120.406995 Datum: Dec. Deg.
 Soil Map Unit Name: Ciervo clay, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Remarks:					

VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <input type="text" value="0"/> (A)	
2. _____				Total Number of Dominant Species Across All Strata: <input type="text" value="1"/> (B)	
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <input type="text" value="0.0"/> % (A/B)	
4. _____					
Total Cover: <input type="text" value=""/> %					
Sapling/Shrub Stratum				Prevalence Index worksheet:	
1. _____				Total % Cover of: _____ Multiply by: _____	
2. _____				OBL species <input type="text" value=""/> x 1 = <input type="text" value="0"/>	
3. _____				FACW species <input type="text" value=""/> x 2 = <input type="text" value="0"/>	
4. _____				FAC species <input type="text" value=""/> x 3 = <input type="text" value="0"/>	
5. _____				FACU species <input type="text" value="100"/> x 4 = <input type="text" value="400"/>	
Total Cover: <input type="text" value=""/> %				UPL species <input type="text" value=""/> x 5 = <input type="text" value="0"/>	
				Column Totals: <input type="text" value="100"/> (A) <input type="text" value="400"/> (B)	
				Prevalence Index = B/A = <input type="text" value="4.00"/>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <i>Hordeum murinum</i>	98	Yes	FACU	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <i>Erigeron canadensis</i>	2	No	FACU	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. _____				<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. _____					
6. _____					
7. _____					
8. _____					
Total Cover: <input type="text" value="100"/> %				¹ Indicators of hydric soil and wetland hydrology must be present.	
Woody Vine Stratum				Hydrophytic Vegetation Present?	
1. _____				Yes <input type="radio"/>	No <input checked="" type="radio"/>
2. _____					
Total Cover: <input type="text" value=""/> %					
% Bare Ground in Herb Stratum <input type="text" value="0"/> %		% Cover of Biotic Crust <input type="text" value="0"/> %			
Remarks:					

SOIL

Sampling Point: W-1A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture ³	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-14	5Y 4/3	100					Silty clay loam	
14-16	5Y 4/4	99	10YR 5/6	1	C	M	Silty clay loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix.
³Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils⁴:	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)		<input type="checkbox"/> 1 cm Muck (A9) (LRR C)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1)		<input type="checkbox"/> 2 cm Muck (A10) (LRR B)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)		<input type="checkbox"/> Reduced Vertic (F18)
<input type="checkbox"/> Stratified Layers (A5) (LRR C)	<input type="checkbox"/> Depleted Matrix (F3)		<input type="checkbox"/> Red Parent Material (TF2)
<input type="checkbox"/> 1 cm Muck (A9) (LRR D)	<input type="checkbox"/> Redox Dark Surface (F6)		<input type="checkbox"/> Other (Explain in Remarks)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)		
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)		
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Vernal Pools (F9)		
<input type="checkbox"/> Sandy Gleyed Matrix (S4)			

⁴Indicators of hydrophytic vegetation and wetland hydrology must be present.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks: _____

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (any one indicator is sufficient)		Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Salt Crust (B11)	<input type="checkbox"/> Water Marks (B1) (Riverine)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input type="checkbox"/> Drift Deposits (B3) (Riverine)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Thin Muck Surface (C7)
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Plowed Soils (C6)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Water-Stained Leaves (B9)		<input type="checkbox"/> Shallow Aquitard (D3)
		<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: _____

Remarks: _____

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 8, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: W-1B
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): Concave Slope (%): 5-10
 Subregion (LRR): C - Mediterranean California Lat: 36.602143 Long: -120.406995 Datum: Dec. Deg.
 Soil Map Unit Name: Ciervo clay, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input checked="" type="radio"/>	No <input type="radio"/>			
Remarks:					

VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)	
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)	
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0 %</u> (A/B)	
4. _____					
Total Cover: _____ %					
Sapling/Shrub Stratum				Prevalence Index worksheet:	
1. _____				Total % Cover of: _____ Multiply by: _____	
2. _____				OBL species _____ x 1 = <u>0</u>	
3. _____				FACW species <u>10</u> x 2 = <u>20</u>	
4. _____				FAC species <u>1</u> x 3 = <u>3</u>	
5. _____				FACU species <u>121</u> x 4 = <u>484</u>	
Total Cover: _____ %				UPL species _____ x 5 = <u>0</u>	
				Column Totals: <u>132</u> (A) <u>507</u> (B)	
				Prevalence Index = B/A = <u>3.84</u>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <i>Hordeum murinum</i>	80	Yes	FACU	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <i>Erigeron canadensis</i>	40	Yes	FACU	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. <i>Phalaris lemmonii</i>	10	No	FACW	<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. <i>Lactuca serriola</i>	1	No	FACU	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. <i>Rumex crispus</i>	1	No	FAC		
6. _____					
7. _____					
8. _____					
Total Cover: <u>132 %</u>				¹ Indicators of hydric soil and wetland hydrology must be present.	
Woody Vine Stratum				Hydrophytic Vegetation Present?	
1. _____				Yes <input type="radio"/> No <input checked="" type="radio"/>	
2. _____					
Total Cover: _____ %					
% Bare Ground in Herb Stratum <u>0 %</u>		% Cover of Biotic Crust <u>0 %</u>			
Remarks:					

SOIL

Sampling Point: W-1B

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture ³	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-5	2.5Y 4/4	100					Clay loam	
5-16	2.5Y 5/4	95	7.5YR 4/6	5	C	M	Silty clay loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix.
³Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils⁴:
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Stratified Layers (A5) (LRR C)	<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> 1 cm Muck (A9) (LRR D)	<input type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Vernal Pools (F9)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)		

⁴Indicators of hydrophytic vegetation and wetland hydrology must be present.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks: _____

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (any one indicator is sufficient)		Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Salt Crust (B11)	<input type="checkbox"/> Water Marks (B1) (Riverine)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input type="checkbox"/> Drift Deposits (B3) (Riverine)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Thin Muck Surface (C7)
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Plowed Soils (C6)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Water-Stained Leaves (B9)		<input type="checkbox"/> Shallow Aquitard (D3)
		<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: _____

Remarks: _____

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 8, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: UP-1A
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): None Slope (%): 0
 Subregion (LRR): C - Mediterranean California Lat: 36.602143 Long: -120.406995 Datum: Dec. Deg.
 Soil Map Unit Name: Ciervo clay, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Remarks:					

VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)	
2. _____				Total Number of Dominant Species Across All Strata: <u>1</u> (B)	
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0</u> % (A/B)	
4. _____				Prevalence Index worksheet:	
Total Cover: _____ %				Total % Cover of: _____ Multiply by: _____	
Sapling/Shrub Stratum				OBL species _____ x 1 = <u>0</u>	
1. _____				FACW species _____ x 2 = <u>0</u>	
2. _____				FAC species _____ x 3 = <u>0</u>	
3. _____				FACU species <u>97</u> x 4 = <u>388</u>	
4. _____				UPL species <u>1</u> x 5 = <u>5</u>	
5. _____				Column Totals: <u>98</u> (A) <u>393</u> (B)	
Total Cover: _____ %				Prevalence Index = B/A = <u>4.01</u>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <i>Hordeum murinum</i>	95	Yes	FACU	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <i>Sisymbrium irio</i>	1	No	Not Listed	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. <i>Helianthus annuus</i>	1	No	FACU	<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. <i>Salsola tragus</i>	1	No	FACU	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. _____				¹ Indicators of hydric soil and wetland hydrology must be present.	
6. _____					
7. _____					
8. _____				Hydrophytic Vegetation Present?	
Total Cover: <u>98</u> %				Yes <input type="radio"/>	No <input checked="" type="radio"/>
Woody Vine Stratum					
1. _____					
2. _____					
Total Cover: _____ %					
% Bare Ground in Herb Stratum <u>2</u> %		% Cover of Biotic Crust <u>0</u> %			
Remarks:					

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 8, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: UP-1B
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): None Slope (%): 0
 Subregion (LRR): C - Mediterranean California Lat: 36.602143 Long: -120.406995 Datum: Dec. Deg.
 Soil Map Unit Name: Ciervo clay, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Remarks:					

VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)	
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)	
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0</u> % (A/B)	
4. _____					
Total Cover: _____ %					
Sapling/Shrub Stratum				Prevalence Index worksheet:	
1. _____				Total % Cover of: _____ Multiply by: _____	
2. _____				OBL species _____ x 1 = <u>0</u>	
3. _____				FACW species <u>1</u> x 2 = <u>2</u>	
4. _____				FAC species _____ x 3 = <u>0</u>	
5. _____				FACU species <u>40</u> x 4 = <u>160</u>	
Total Cover: _____ %				UPL species <u>25</u> x 5 = <u>125</u>	
				Column Totals: <u>66</u> (A) <u>287</u> (B)	
				Prevalence Index = B/A = <u>4.35</u>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <i>Hordeum murinum</i>	35	Yes	FACU	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <i>Bromus madritensis</i>	25	Yes	UPL	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. <i>Helianthus annuus</i>	3	No	FACU	<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. <i>Salsola tragus</i>	1	No	FACU	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. <i>Bassia hyssopifolia</i>	1	No	FACU		
6. <i>Phalaris lemmonii</i>	1	No	FACW		
7. _____					
8. _____					
Total Cover: <u>66</u> %				¹ Indicators of hydric soil and wetland hydrology must be present.	
Woody Vine Stratum				Hydrophytic Vegetation Present?	
1. _____				Yes <input type="radio"/> No <input checked="" type="radio"/>	
2. _____					
Total Cover: _____ %					
% Bare Ground in Herb Stratum <u>34</u> %		% Cover of Biotic Crust <u>0</u> %			
Remarks:					

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 9, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: W-2
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): Concave Slope (%): 5-10
 Subregion (LRR): C - Mediterranean California Lat: 36.589050 Long: -120.407057 Datum: Dec. Deg.
 Soil Map Unit Name: Calflax clay loam, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Remarks:					

VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)	
2. _____				Total Number of Dominant Species Across All Strata: <u>3</u> (B)	
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>33.3 %</u> (A/B)	
4. _____					
Total Cover: _____ %					
Sapling/Shrub Stratum				Prevalence Index worksheet:	
1. _____				Total % Cover of: _____ Multiply by: _____	
2. _____				OBL species _____ x 1 = <u>0</u>	
3. _____				FACW species <u>20</u> x 2 = <u>40</u>	
4. _____				FAC species _____ x 3 = <u>0</u>	
5. _____				FACU species <u>8</u> x 4 = <u>32</u>	
Total Cover: _____ %				UPL species <u>30</u> x 5 = <u>150</u>	
				Column Totals: <u>58</u> (A) <u>222</u> (B)	
				Prevalence Index = B/A = <u>3.83</u>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <i>Phalaris lemmonii</i>	<u>20</u>	<u>Yes</u>	<u>FACW</u>	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <i>Sonchus oleraceus</i>	<u>12</u>	<u>Yes</u>	<u>UPL</u>	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. <i>Bromus diandrus</i>	<u>12</u>	<u>Yes</u>	<u>Not Listed</u>	<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. <i>Amsinckia menziesii</i>	<u>5</u>	<u>No</u>	<u>Not Listed</u>	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. <i>Hordeum murinum</i>	<u>5</u>	<u>No</u>	<u>FACU</u>		
6. <i>Helianthus annuus</i>	<u>3</u>	<u>No</u>	<u>FACU</u>		
7. <i>Sisymbrium irio</i>	<u>1</u>	<u>No</u>	<u>Not Listed</u>		
8. _____					
Total Cover: <u>58 %</u>				¹ Indicators of hydric soil and wetland hydrology must be present.	
Woody Vine Stratum				Hydrophytic Vegetation Present?	
1. _____				Yes <input type="radio"/>	No <input checked="" type="radio"/>
2. _____					
Total Cover: _____ %					
% Bare Ground in Herb Stratum <u>42 %</u>		% Cover of Biotic Crust <u>0 %</u>			
Remarks:					

SOIL

Sampling Point: W-2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture ³	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-12	10YR 4/6	100					Silty clay loam	
12-14	10YR 4/6	99	7.5YR 5/8	1	C	M	Silty clay loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix.
³Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)
<input type="checkbox"/> Stratified Layers (A5) (LRR C)	<input type="checkbox"/> Depleted Matrix (F3)
<input type="checkbox"/> 1 cm Muck (A9) (LRR D)	<input type="checkbox"/> Redox Dark Surface (F6)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Vernal Pools (F9)
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	

Indicators for Problematic Hydric Soils⁴:

<input type="checkbox"/> 1 cm Muck (A9) (LRR C)
<input type="checkbox"/> 2 cm Muck (A10) (LRR B)
<input type="checkbox"/> Reduced Vertic (F18)
<input type="checkbox"/> Red Parent Material (TF2)
<input type="checkbox"/> Other (Explain in Remarks)

⁴Indicators of hydrophytic vegetation and wetland hydrology must be present.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks: _____

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (any one indicator is sufficient)		Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Salt Crust (B11)	<input type="checkbox"/> Water Marks (B1) (Riverine)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input type="checkbox"/> Drift Deposits (B3) (Riverine)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Thin Muck Surface (C7)
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Plowed Soils (C6)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Water-Stained Leaves (B9)		<input type="checkbox"/> Shallow Aquitard (D3)
		<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____

Wetland Hydrology Present? Yes No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: _____

Remarks: Surface soils were slightly moist on the sample point.

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 9, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: UP-2A
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): None Slope (%): 0
 Subregion (LRR): C - Mediterranean California Lat: 36.589050 Long: -120.407057 Datum: Dec. Deg.
 Soil Map Unit Name: Calflax clay loam, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Remarks:					

VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)	
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>1</u> (B)	
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0</u> % (A/B)	
4. _____	_____	_____	_____	Prevalence Index worksheet:	
Total Cover: _____ %				Total % Cover of: _____ Multiply by: _____	
Sapling/Shrub Stratum				OBL species _____ x 1 = <u>0</u>	
1. _____	_____	_____	_____	FACW species _____ x 2 = <u>0</u>	
2. _____	_____	_____	_____	FAC species _____ x 3 = <u>0</u>	
3. _____	_____	_____	_____	FACU species <u>72</u> x 4 = <u>288</u>	
4. _____	_____	_____	_____	UPL species <u>2</u> x 5 = <u>10</u>	
5. _____	_____	_____	_____	Column Totals: <u>74</u> (A) <u>298</u> (B)	
Total Cover: _____ %				Prevalence Index = B/A = <u>4.03</u>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <i>Hordeum murinum</i>	70	Yes	FACU	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <i>Sonchus oleraceus</i>	1	No	UPL	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. <i>Amsinckia menziesii</i>	1	No	Not Listed	<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. <i>Salsola tragus</i>	1	No	FACU	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. <i>Helianthus annuus</i>	1	No	FACU		
6. _____	_____	_____	_____		
7. _____	_____	_____	_____		
8. _____	_____	_____	_____		
Total Cover: <u>74</u> %				¹ Indicators of hydric soil and wetland hydrology must be present.	
Woody Vine Stratum				Hydrophytic Vegetation Present?	
1. _____	_____	_____	_____	Yes <input type="radio"/>	No <input checked="" type="radio"/>
2. _____	_____	_____	_____		
Total Cover: _____ %					
% Bare Ground in Herb Stratum <u>26</u> %		% Cover of Biotic Crust <u>0</u> %			
Remarks:					

SOIL

Sampling Point: UP-2A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture ³	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-14	2.5Y 4/4	100					Silt loam	Crumbly, old manure present.

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix.
³Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils⁴:
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Stratified Layers (A5) (LRR C)	<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> 1 cm Muck (A9) (LRR D)	<input type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Vernal Pools (F9)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)		

⁴Indicators of hydrophytic vegetation and wetland hydrology must be present.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (any one indicator is sufficient)		Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Salt Crust (B11)	<input type="checkbox"/> Water Marks (B1) (Riverine)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input type="checkbox"/> Drift Deposits (B3) (Riverine)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Thin Muck Surface (C7)
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Plowed Soils (C6)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Water-Stained Leaves (B9)		<input type="checkbox"/> Shallow Aquitard (D3)
		<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM - Arid West Region

Project/Site: Luna Valley Solar City/County: Fresno County Sampling Date: May 9, 2020
 Applicant/Owner: Luna Valley Solar I, LLC State: CA Sampling Point: UP-2B
 Investigator(s): Daniel Berg, Monique OConner, Nikki Bottum Section, Township, Range: S25, T15S, R14E
 Landform (hillslope, terrace, etc.): Agricultural ditch Local relief (concave, convex, none): None Slope (%): 0
 Subregion (LRR): C - Mediterranean California Lat: 36.589050 Long: -120.407057 Datum: Dec. Deg.
 Soil Map Unit Name: Calflax clay loam, 0 to 1 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland?	Yes <input type="radio"/>	No <input checked="" type="radio"/>
Hydric Soil Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Wetland Hydrology Present?	Yes <input type="radio"/>	No <input checked="" type="radio"/>			
Remarks: <u>Sample location has been recently tilled.</u>					

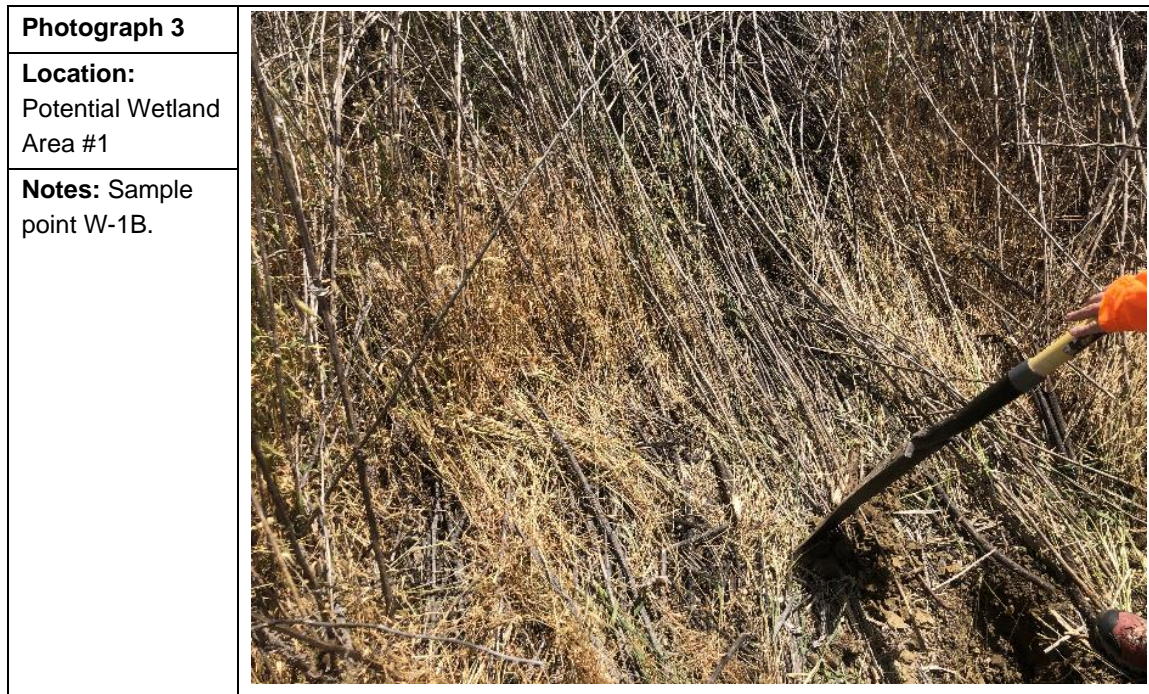
VEGETATION

Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)	
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>4</u> (B)	
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.0</u> % (A/B)	
4. _____	_____	_____	_____	Prevalence Index worksheet:	
Total Cover: _____ %				Total % Cover of: _____ Multiply by: _____	
Sapling/Shrub Stratum				OBL species _____ x 1 = <u>0</u>	
1. _____	_____	_____	_____	FACW species _____ x 2 = <u>0</u>	
2. _____	_____	_____	_____	FAC species _____ x 3 = <u>0</u>	
3. _____	_____	_____	_____	FACU species <u>3</u> x 4 = <u>12</u>	
4. _____	_____	_____	_____	UPL species <u>2</u> x 5 = <u>10</u>	
5. _____	_____	_____	_____	Column Totals: <u>5</u> (A) <u>22</u> (B)	
Total Cover: _____ %				Prevalence Index = B/A = <u>4.40</u>	
Herb Stratum				Hydrophytic Vegetation Indicators:	
1. <u>Hordeum murinum</u>	<u>2</u>	<u>Yes</u>	<u>FACU</u>	<input checked="" type="checkbox"/> Dominance Test is >50%	
2. <u>Bassia hyssopifolia</u>	<u>1</u>	<u>Yes</u>	<u>FACU</u>	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹	
3. <u>Sisymbrium irio</u>	<u>1</u>	<u>Yes</u>	<u>Not Listed</u>	<input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
4. <u>Convolvulus arvensis</u>	<u>1</u>	<u>Yes</u>	<u>Not Listed</u>	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
5. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present.	
6. _____	_____	_____	_____		
7. _____	_____	_____	_____		
8. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Total Cover: <u>5</u> %					
Woody Vine Stratum					
1. _____	_____	_____	_____		
2. _____	_____	_____	_____		
Total Cover: _____ %					
% Bare Ground in Herb Stratum <u>95</u> %		% Cover of Biotic Crust <u>0</u> %			
Remarks:					

APPENDIX B PHOTOGRAPHS

<p>Photograph 1</p>	
<p>Location: Potential Wetland Area #1</p>	
<p>Notes: Representative photo of Potential Wetland Area #1.</p>	

<p>Photograph 2</p>	
<p>Location: Potential Wetland Area #1</p>	
<p>Notes: Sample point W-1A.</p>	





Photograph 7	
Location: Potential Wetland Area #2	
Notes: Sample point W-2.	

Photograph 8	
Location: Potential Wetland Area #2	
Notes: Sample point UP-2A.	

Photograph 9	
Location: Potential Wetland Area #2	
Notes: Sample point UP-2B.	

Appendix G

Cultural Resources and Tribal Cultural Resources

(Confidential – Protected from Public
Disclosure)



Appendix H

Geology, Soils and Paleontological Resources



Appendix H1

Stage 1 Report





Luna Valley Solar

Latitude: 36.6051°N, and Longitude: 120.4023°W
Fresno County, California

Clearway Energy Group LLC
San Francisco, California

Terracon Project No. GR205241-Revised
July 22, 2020



Your Stage1 Team:

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For Review only.

Reviewed by Terracon Solar subject matter expert Joshua R. Morgan, P.E. Josh.Morgan@terracon.com.

Visit the
CLIENT PORTAL >
to get the most out of
your Stage1 experience!

Environmental



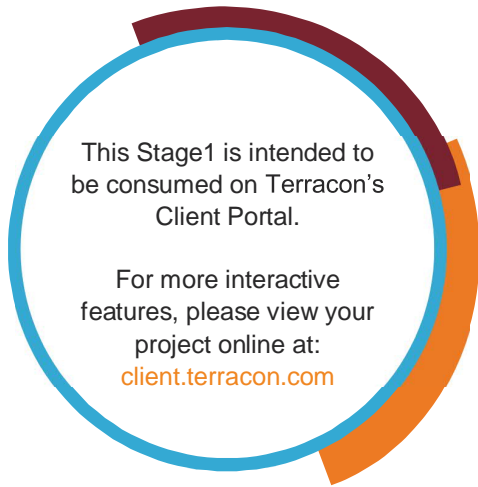
Facilities



Geotechnical



Materials



REPORT TOPICS

REPORT SUMMARY	2
PROPOSED PROJECT	3
APPROACH AND METHOD	4
EXISTING SETTING	4
SUMMARY OF FINDINGS	8
NEXT STEPS	10
INFORMATION SOURCES	11
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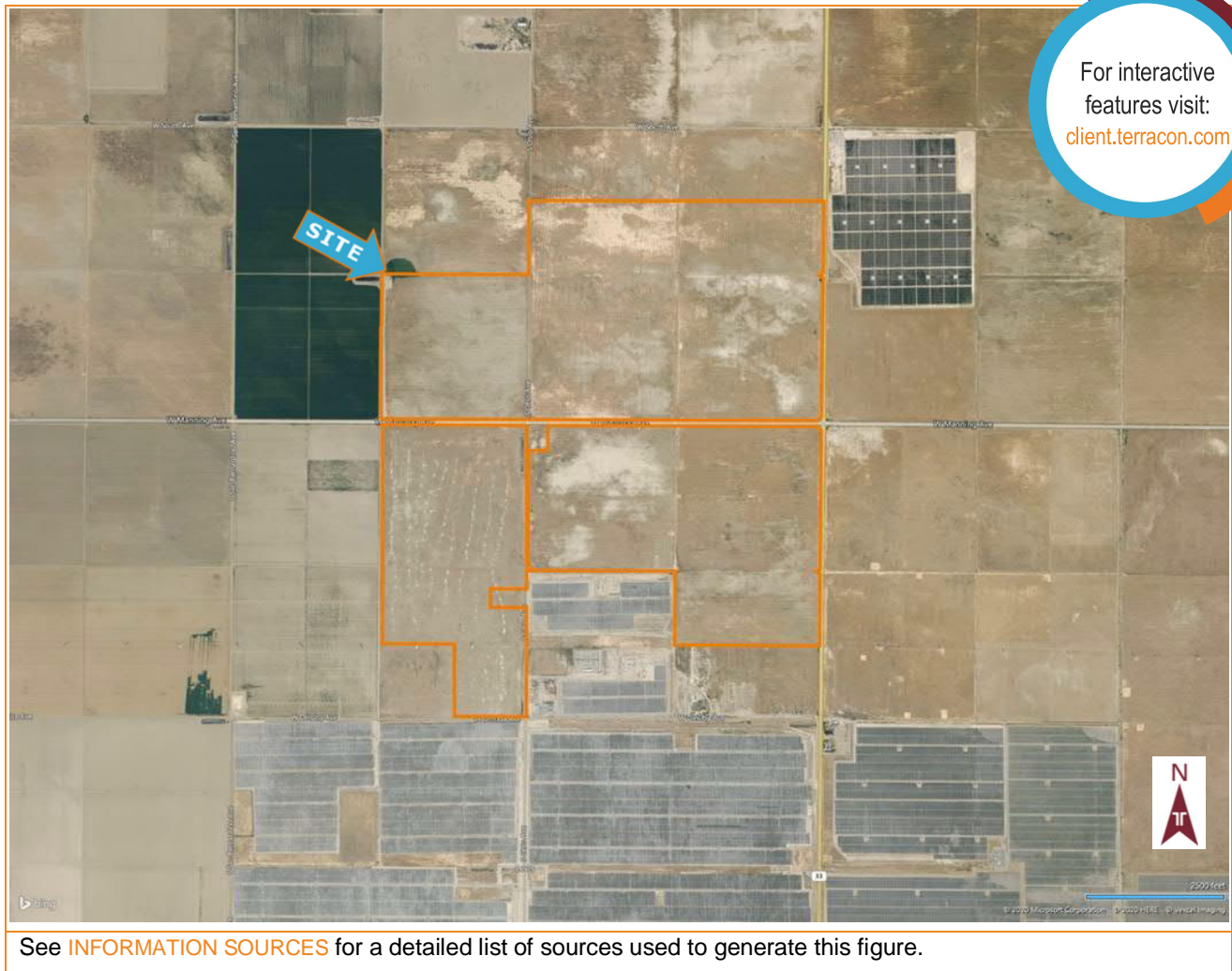
REPORT SUMMARY

TOPIC	OVERVIEW STATEMENT
Project Description	The proposed site, located at approximately 36.6051°N and 120.4023°W, south of Mendota, California, covers approximately 1,290 acres and is planned to be developed as a photovoltaic (PV) solar power facility
Purpose and Scope	The scope of services includes development and delivery of a Stage1 report. This Stage1 provides a conceptual model of expected subsurface properties from a geotechnical and geologic perspective to aid in a preliminary assessment of the potential project challenges and risks. In addition, Stage1 provides preliminary concepts for site development, conceptual foundation design parameters, and construction considerations for the project.
Anticipated Pile Driving Design	<p>Development of the photovoltaic solar project can be considered feasible from a geotechnical engineering standpoint.</p> <p>Pile embedment depths of 6 to 10 feet are anticipated, but deeper pile embedment may be necessary in shallow and soft clays.</p>
Proposed Geotechnical Investigation	Geotechnical explorations and laboratory testing are recommended. Exploration and testing will help confirm the expected conditions, as well as delineate areas of concern related to areas of increased gravel and cobbles and corrosive soils. A preliminary scope can be prepared at your request.

PROPOSED PROJECT

DEVELOPMENT DESCRIPTION

- The proposed site, located at approximately 36.6051°N and 120.4023°W, south of Mendota, California, covers approximately 1,290 acres and is planned to be developed as a photovoltaic (PV) solar power facility.



APPROACH AND METHOD

This report provides an expectation of subsurface properties from a geotechnical engineering perspective. It is intended to assist in considering preliminary concepts for site development and foundation options for the project. It is also intended to provide a basis for a subsequent exploration program to confirm the expected conditions as necessary to develop plans for site improvement and solar panel installation. See [INFORMATION SOURCES](#) for a detailed list of sources used to generate this report.

A geotechnical engineer with local experience in the area of the planned project has formed an opinion of expected geotechnical conditions by reviewing the information as provided on the client portal and our historic data in the vicinity of the project. The opinion rendered by the geotechnical engineer also includes an estimate of the confidence in that opinion. Finally, based upon the planned project, the information available and the confidence in the estimation of expected geotechnical conditions, the engineer has developed a general plan for exploration that will be necessary to confirm the expectations. For more information about our approach and method, please see [METHODOLOGY AND LIMITATIONS](#).

EXISTING SETTING

GEOLOGIC SETTING

The site is located east of Interstate 5 in the San Joaquin Valley, a deep sediment filled basin in central California. This area is mapped as Quaternary-age alluvium which abuts to Eocene, Miocene, Pleistocene, and Pliocene aged loosely consolidated marine rocks.

SURFICIAL GEOLOGY

Based on the California Geological Survey State Geologic Map, the on-site soils at the project site is mapped within the following geological units:

- **Q: Alluvium** (Holocene to Pleistocene) – marine and nonmarine (continental) sedimentary rocks. Generally, consists of alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine but includes marine deposits near the coast.

BEDROCK GEOLOGY

Depth to bedrock at the site is unknown. Bedrock is not anticipated to be encountered at the depths impacted by potential site development.

FAULTING

The United States Geological Survey (USGS) Quaternary Fault and Fold Database of the United States published a report containing descriptions of a fault system approximately 6 miles southwest of the site called the Great Valley thrust fault system, Great Valley 11 section (Class A). The site does not appear to be located within an Alquist Priolo Fault zone.



USDA SOILS

The United States Department of Agriculture Natural Resources Conservation Service provides information on soils through its Web Soil Survey (WSS) website. According to the WSS the site is mapped with a variety of soil series. The USDA characterizes the mapped soils as having the following characteristics:

NRCS Soil Series	Approximate % of Siting Area	Corrosivity		Soil Classification		
		Concrete	Steel	% Silt & Clay	Liquid Limit	USCS
Ciervo clay, (461)	33.4	High	High	43.7/33.7	54	CH
Calfax clay loam (482)	38.5	High	High	33.3/38.4	41	CL
Tranquility clay (286)	28.1	High	High	51.7/33.2	65	CH

GROUNDWATER

NRCS Soil Survey mapping indicates depth to groundwater at 4 to 5 feet below ground surface. Groundwater levels during construction or at other times in the life of the structure may be higher or lower than the levels indicated during subsurface exploration. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project.

Based on our review of the California Department of Water Resources and GeoTracker well data, we anticipate groundwater to be encountered at depths ranging from 4 to 100 feet due to seasonal variation.

The site has not been previously mapped in FEMA’s Flood Map. NRCS Flood frequency maps indicate that occasional flooding is possible. “Occasional” flooding means that flooding occurs infrequently under normal weather conditions. The chance of flooding is 5 to 50 percent in any year.

HISTORICAL AERIAL IMAGES SUMMARY

LOCATION	DESCRIPTION
Site	1998-2018: The site is depicted as open, undeveloped land generally used for agriculture.

GEOLOGIC AND GEOTECHNICAL RISKS

HAZARD	PRESENT ON SITE?	COMMENTS
Shallow Groundwater	Yes	NRCS mapping and our historical projects indicate that shallow groundwater is present on site at depths as shallow as 4 feet.
Flooding	Yes	Site is mapped by the USDA Web Soil Survey as having an occasional flood frequency. Based on our experience on nearby projects, flooding depth and scour potential could be significant factors in solar array design. It is our opinion that a Civil Engineer should be engaged to assess potential scour depths.
Slope Failure	No	Although the site exhibits 25 feet of relief, slope failures are not anticipated to be an issue during site development. The site exhibits a consistent and gentle decline moving across the site to the northeast.
Subsidence - Pumping	Yes	The site is located in an area that has experienced moderate land subsidence. Further evaluation and review is recommended.
Subsidence – Mining	No	There are no publicly documented mines within the project site.
Subsidence – Caves/Karst	No	No known caves or karst topography are known to exist at the site.
Earthquake – Seismicity	Yes	This region of California is seismically active and moderate to severe seismic shaking on site should be anticipated.
Earthquake – Ground Rupture	No	Active faults are not mapped on the project site.
Liquefaction	No	Fine-grained, cohesive soils are anticipated on site; therefore, the potential for liquefaction is anticipated to be low.
Swelling/Shrinking Soil	Possible	NRCS mapping indicates that soils with a high expansive potential may be present on site; however, based on our experience, we do not anticipate expansive soils.
Hydro-Collapse Settlement	No	Deposits of soft, loose, granular soils that would result in excessive hydro-collapse settlement are not anticipated to be encountered at this site.
Seiche, Tsunami	No	The site is located a significant distance away from large water body sources. Therefore, hazards associated with Seiches and Tsunamis are anticipated to be low.
Corrosive Soil	Yes	Based on our experience in the area, moderate to high steel corrosion is estimated for the site.
Man-Made Ground	No	Areas of significant fill placement do not appear to exist.
Volcanic Activity	No	The site is not in a known region of potential volcanic activity.
Quick Clay	No	Sensitive clays are not anticipated at the site.
Frost Action	No	Frost is not a concern in this region.



GEOLOGIC AND GEOTECHNICAL HAZARD MITIGATION RECOMMENDATIONS

HAZARD	LIKELIHOOD	POTENTIALLY FATAL FLAW	SIGNIFICANCE	POTENTIAL MITIGATION MEASURES	RECOMMENDED NEXT STEPS
Shallow Rock	Low	No	Difficult pile driving conditions	Shallow rock is not a concern for this site	None
Shallow cobbles, boulders, or dense cemented soils	Low	No	Difficult pile driving conditions	Cobbles and boulders are not anticipated to be a concern at this site	None
Shrink-Swell	Moderate	Possibly	Potential vertical rise of foundation and roadway subgrade; Potential risk of cracking to structures	Fine-grained soils associated with shrink-swell conditions are anticipated to be encountered on site	Obtain shallow surface samples for laboratory testing to evaluate shrink-swell potential
Collapse Potential	Low	Possibly	Sudden reduction in subgrade support when water is introduced to soils; High risk for ancillary structures supported on mat foundations	Overexcavate and recompact soils beneath inverters, transformers or other equipment supported on shallow concrete mat foundations	Perform borings with ring sample collection for laboratory testing to evaluate collapse potential
Seismicity	High	Possibly	Damage to infrastructure through inertial effects and ground displacements	Account for seismic loads in design	None
Faulting	Low	Possibly	Ground displacements/offsets	Geologic mapping indicates that no active faults are mapped within the project site	Perform a geologic reconnaissance to confirm that no faults are present
Liquefaction	Low to Moderate	Possibly	Loss of bearing capacity of foundation elements and liquefaction-induced settlement	Ground improvement, reconfigure to avoid liquefiable areas, use of mat foundations for building(s), seismic ties to tie foundations together for building(s), and/or add geogrid to reinforce earth	Although liquefaction is not anticipated to be a concern on this site, we recommend that you perform a 50-foot boring within the substation along with laboratory testing to evaluate liquefaction hazard potential
Corrosive Soil	High	Possibly	Deterioration of foundation systems over time and shortened design life	Epoxy coating of rebar, concrete type/additives. Consult with Corrosion Engineer to assess design life and thickness of galvanization for pile design	Obtain shallow, surface samples for laboratory testing
Frost Action	Low	No	Potential uplift/heave of the support systems and roadways	Frost is not anticipated to be a concern at this site	N/A

SUMMARY OF FINDINGS

The provided opinions of subsurface conditions are very preliminary in nature. They must be validated with site-specific exploration and testing. This discussion is in no way intended for design, construction, or permitting purposes. In no case should the information or opinions provided in this report be utilized for final design. See **METHODOLOGY AND LIMITATIONS** for additional clarification regarding the limitations of the following opinions and methods used to derive these opinions.

CONFIDENCE ESTIMATE

We have used a weighted average approach, please refer to **METHODOLOGY AND LIMITATIONS**.



MODERATE	We examined 3 historical projects within a 2-mile radius.
MODERATE	Available public data is consistent with our local experience.
HIGH	Practitioner has local experience in excess of 20 years.

PILE DRIVING

CONSIDERATIONS	
Pile installation via conventional methods likely	Yes
Pile driving refusal anticipated	No
Anticipated pile embedment depths	6-10 feet, although deeper pile embedment may be necessary in shallow and soft clays.
Adfreeze stress based on frost heave	N/A
Potential expansive soil heave on piles:	Low
Seismic Site Class	E

FOUNDATION DESIGN SOIL PARAMETERS GUIDE OF ESTIMATES

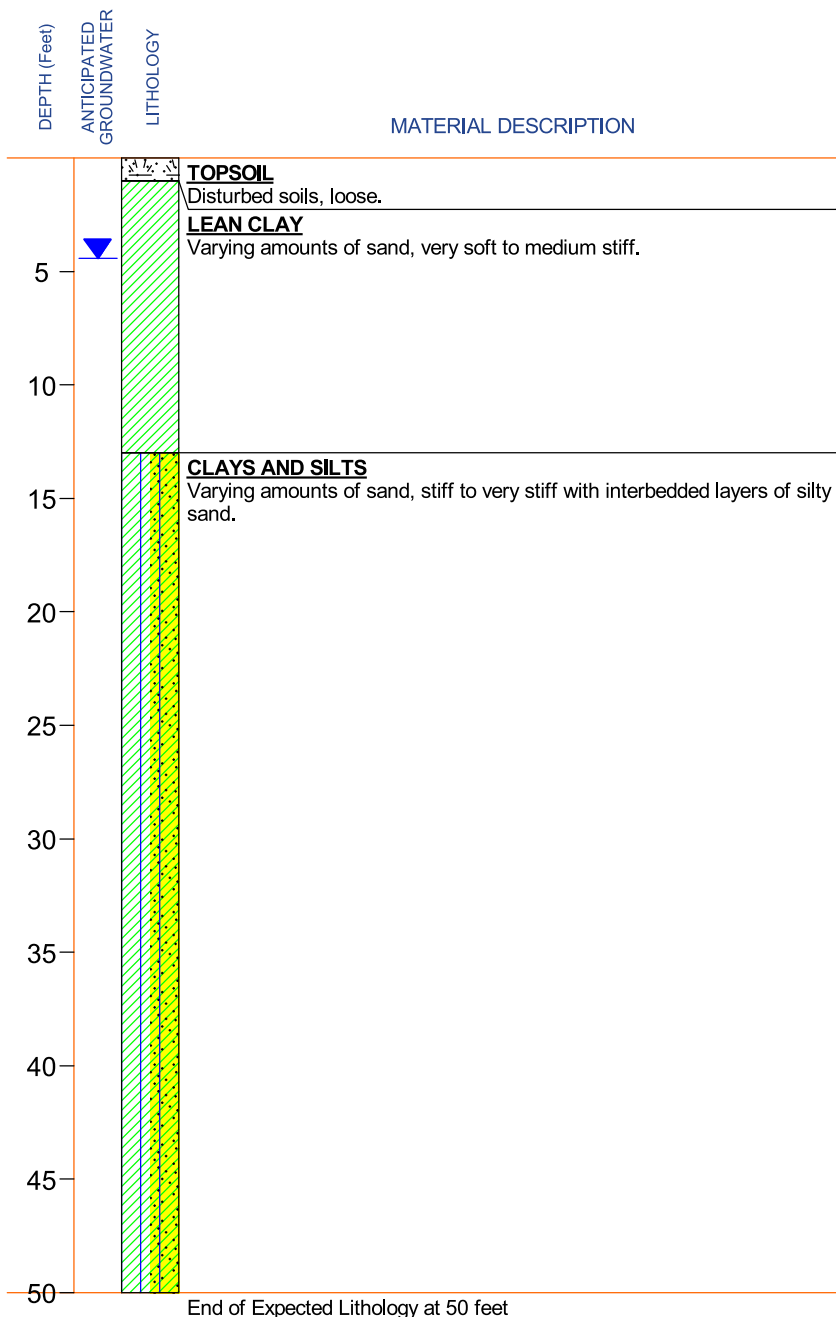
A guide of estimates of the design engineering parameters for driven steel piles, for generalized subsurface conditions provided in tabular form below. These values should be used for general informational purposes only. They should not be used for project design.

Depth	Material Description (Consistency)	Cohesion (psf)	Ultimate Skin Resistance Uplift (psf)	Ultimate End Bearing Pressure (psf)
2-13 ft	Lean Clay (very soft to medium stiff)	250 to 500	250 to 450	2,000 to 3,000
13 -50 ft	Clays and Silts (stiff to very stiff)	1,500 to 2500	700 to 720	10,000 to 15,000

- For W-sections and other similar pile shapes, the box perimeter should be used to compute the actual area providing skin resistance to the applied loads, which will be less than the actual surface area of the pile.

EXPECTED LITHOLOGY

Area Represented: Entire Site



COMMENTS ON POTENTIAL VARIABILITY

- Expansive soils may be encountered in this area. However, in our experience in the area, due to relatively shallow groundwater there is not a lot of potential for expansive heave on the pile.
- NRCS soil survey mapping indicates depth to groundwater at 4 to 5 feet below ground surface. In our experience in the area and onsite well data, groundwater depths from 4 to 100 feet are possible due to seasonal variation.
- Loose and/or unstable soils may be encountered and require additional undercutting.
- The Site is located in the Pacific Border Physiographic Province of California. The Site is mapped within the Quaternary alluvium Geologic Formations, which consist primarily of Pliocene to Holocene alluvial and terrace deposits.
- Surficial geologic conditions consist of clays, silts, and sands. This unit is described as unconsolidated to semi-consolidated material which includes alluvial fan and terrace deposits and along large drainages, sand, silt and clay on alluvial plains.

The **EXPECTED LITHOLOGY** was prepared as a part of this Stage1 report. It should not be utilized or distributed outside of this report. **COMMENTS** include, but are not limited to, potential variability of geology, lithology, and groundwater as noted.

NEXT STEPS

GEOTECHNICAL

We recommend geotechnical explorations to characterize the subsurface conditions of the site. Geotechnical explorations will provide the necessary sampling and testing to provide design parameter recommendations. The locations of our planned geotechnical explorations will be provided when a site plan is available.

- Based on our experience within proximity to the project site, we recommend that the geotechnical explorations on site include the following (assuming array covers approximately 1,290 acres):
 - Borings with associated standard penetration tests (SPT) within the array field to depths of about 20 feet (about 1 per 25 acres of development)
 - Field electrical resistivity tests (about 1 per 50 acres of development)
 - Pairs of sacrificial load test piles to determine axial tension and lateral pile capacity (about 1 test location per 50 acres of development). Compression load tests can be included as requested or needed for design considerations.
 - At least one boring should be carried to a depth of 50 feet to evaluate the potential for liquefaction.

The actual depth of the exploration, as well as the location and frequency should be developed after the design team has developed a preliminary grading/site plan. The suggested ratios apply to the footprint of the array area, so if other constraints exist (wetlands, floodplains, etc.) that limit the overall developable acreage, the number of explorations would be reduced. The nature of subsurface variability will affect what we ultimately recommend for final design frequency.

- Infiltration testing should be performed in accordance with local specifications if stormwater facilities are required as a part of the development.
- Laboratory testing of the soils obtained during field exploration may include:
 - Moisture contents
 - Atterberg limits
 - Sieve analysis
 - Unconfined compressive strength
 - Corrosion testing (pH value, sulfate, chloride, sulfide, total salt, box electrical resistivity, and redox potential) of on-site soils: 1 test per 50 acres of development
 - Consolidation/Collapse
 - Thermal resistivity: 1 test per 100 acres of development
- We recommend completing a Phase I ESA for the site if one has not already been performed.

INFORMATION SOURCES



<p>TERRACON DATA</p>	<p>Terracon has 4 historical geotechnical projects within 3-miles of your project site. Of those, the local practitioner reviewed select exploration projects to gain a better understanding of potential subsurface conditions. The geotechnical project locations are illustrated on the Client Portal.</p>
<p>PUBLICLY AVAILABLE GIS DATA</p>	<p>California Geological Survey</p>
<p>AERIAL IMAGERY</p>	<p>Terracon reviewed the following readily available historical aerial images to develop a limited history of previous site usage:</p> <p>Historical Aerial Images Google Earth Pro™</p> <p>The use of available aerial imagery resources is intended to help understand previous site usage. These images are widely spaced in time. They should not be considered appropriate for identifying site activities which may have impacted subsurface conditions. A more comprehensive review of aerial imagery and/or site interviews would be required to further evaluate previous site usage.</p>
<p>OTHER SOURCES</p>	<p>California Department of Water Resources GeoTracker https://www.usgs.gov/centers/ca-water-ls/science/land-subsidence-san-joaquin-valley</p>

METHODOLOGY AND LIMITATIONS

LIMITATIONS

This report provides very preliminary opinions of siting and construction challenges that may be associated with the stated project plans for the stated property. Confirmation of opinions stated in this document is essential. Absence of a mapped resource does not mean that it is not present. Confirmation should include performing a site-specific evaluation consistent with the guidelines set forth in **NEXT STEPS**.

All parties are advised that any decisions or actions taken by any party based on the information contained herein, including decisions with financial implications are done solely at the risk of that party. By providing this information in this preliminary form, Terracon expressly disclaims any duties or obligations associated with the usage of this information for decision-making or design purposes.

In the event that changes to the nature, design, or location of the project, as outlined in this report, are planned, the preliminary conclusions and recommendations contained in this report shall not be used unless Terracon reviews the changes and either verifies or modifies the conclusions of this report in writing. In the event the project moves into the design phase, Terracon should be retained to develop and complete a scope of work that includes site specific explorations as noted in **NEXT STEPS**.

Terracon and Clearway Energy Group LLC recognize we have entered into an agreement that may contain certain confidential or non-disclosure obligations relating to our services. Clearway Energy Group LLC recognizes, however, that although such confidentiality obligations may be in place, those obligations do not create an exclusive relationship between the parties nor do those obligations create an exclusive ownership right to Clearway Energy Group LLC relating to the data in question. Terracon has the unfettered ability to provide similar services to any other party and use any public or previously available data for the service of others, even if included as part of this report, but Terracon will refrain from disclosing confidential information of Clearway Energy Group LLC which is provided by Clearway Energy Group LLC to the extent required by any applicable non-disclosure agreement.

Terracon does not represent the imagery reviewed to be a complete historical record of previous site usage, nor does Terracon validate the accuracy and sufficiency of the public domain sources that have been utilized.

METHODOLOGY

CONFIDENCE ESTIMATE

Terracon has assigned confidence estimates for the datasets based on upon the engineer's local practice in the vicinity of your site. The engineer assigned a subjective confidence opinion of low, moderate, or high for each of the following categories:

- Historical Project Data
- Local Experience
- Public Data

Using a weighted averaging approach, we derived an overall confidence interval in which historical project data was weighted more heavily than local experience which was weighted more heavily than public data. Low confidence implies that the level of available data and/or consistency is such that little confidence can be placed in the Conceptual Geotechnical Model. Conversely, a high confidence ranking implies that sufficient data and consistency exists to derive a high confidence in the statement of expected conditions.

Regardless of the confidence ranking, actual conditions may vary significantly from the predicted conditions, and the expected conditions must be confirmed with site-specific exploration data, and significant variations from the expected conditions are possible.



Terracon Consultants, Inc. 902 Industrial Way Lodi, California 95240
(209) 367-3701 terracon.com



FIGURES

Contents:

Site Location Map

Site Layout

Site Topography

Surficial Geology Map

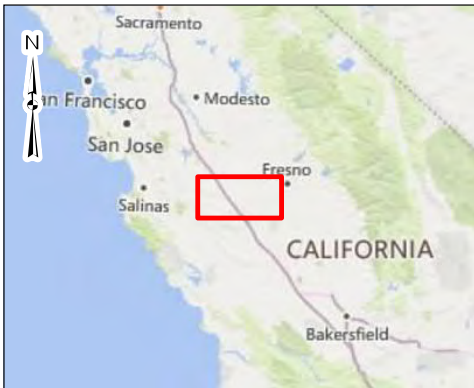
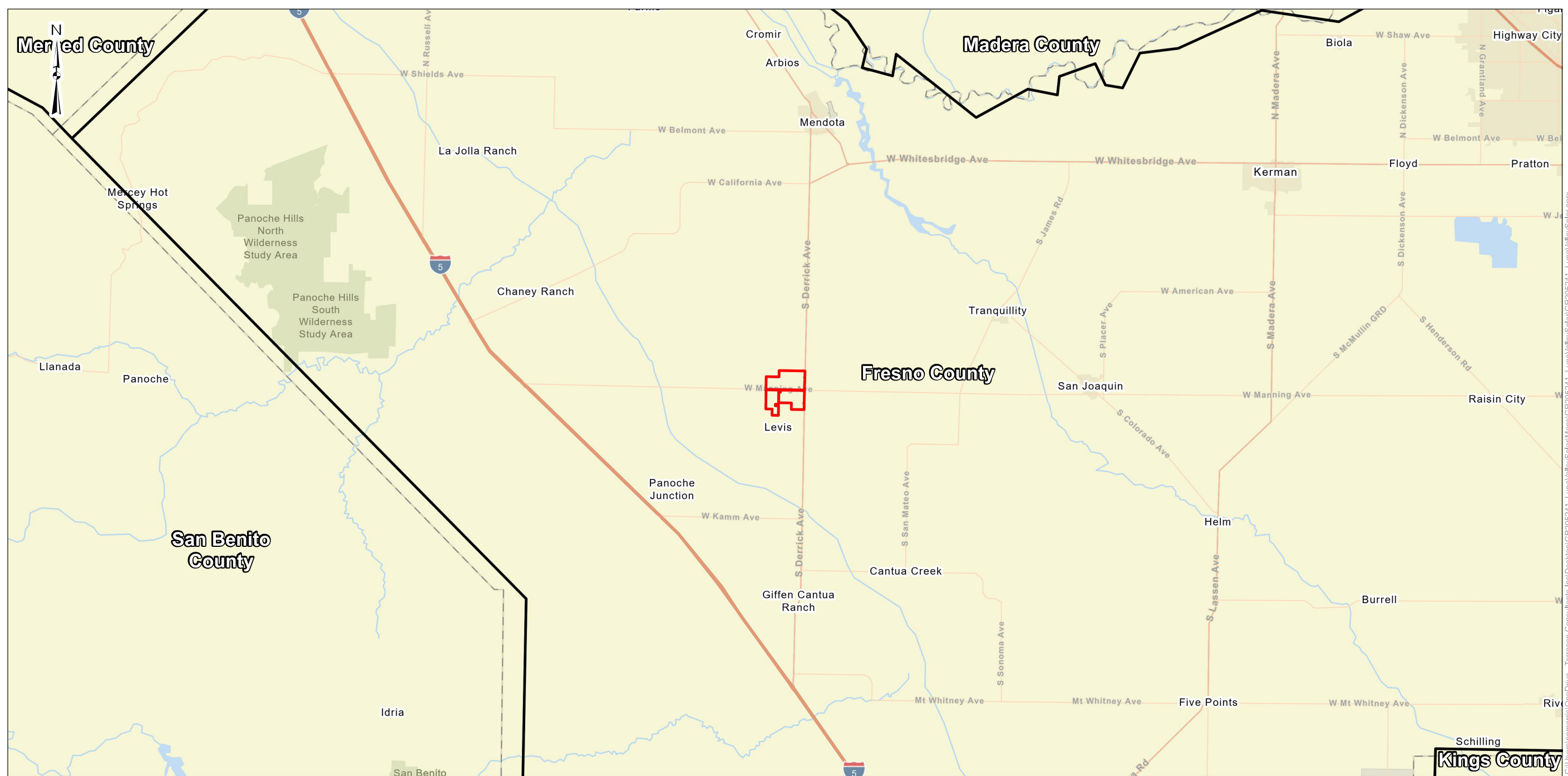
Geologic Map

Surficial Soil USCS Soil Classifications

Depth to Bedrock

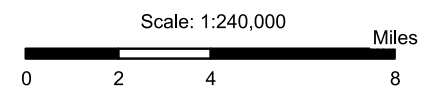
Depth to Groundwater

FEMA Flood Zones



Project Site

DATA SOURCES:
ESRI WMS - Streets, Topographic

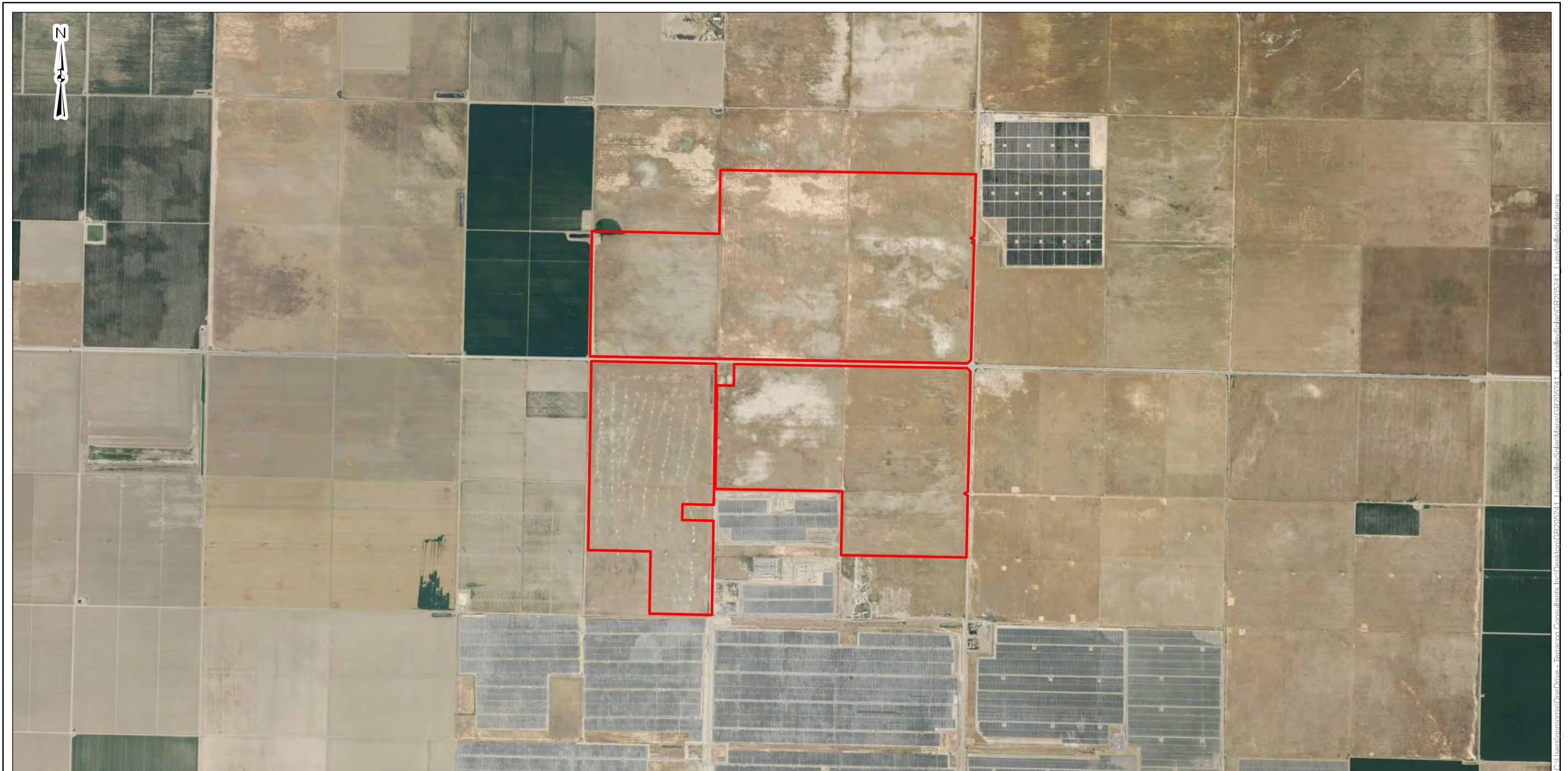


Project No.:
GR205241
Date:
Jul 2020
Drawn By:
PNM
Reviewed By:
JRG

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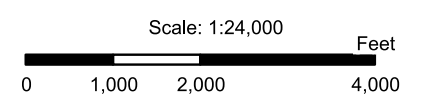
Site Location
Luna Valley Solar
Clearway Energy Group LLC
W. Manning Avenue, Mendota, CA

Exhibit
1



Project Site

DATA SOURCES:
 ESRI WMS - Topographic
 Bing - Imagery



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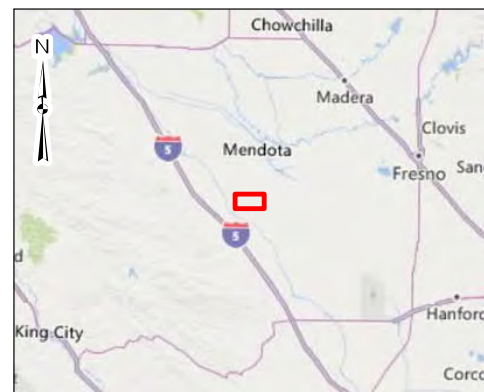
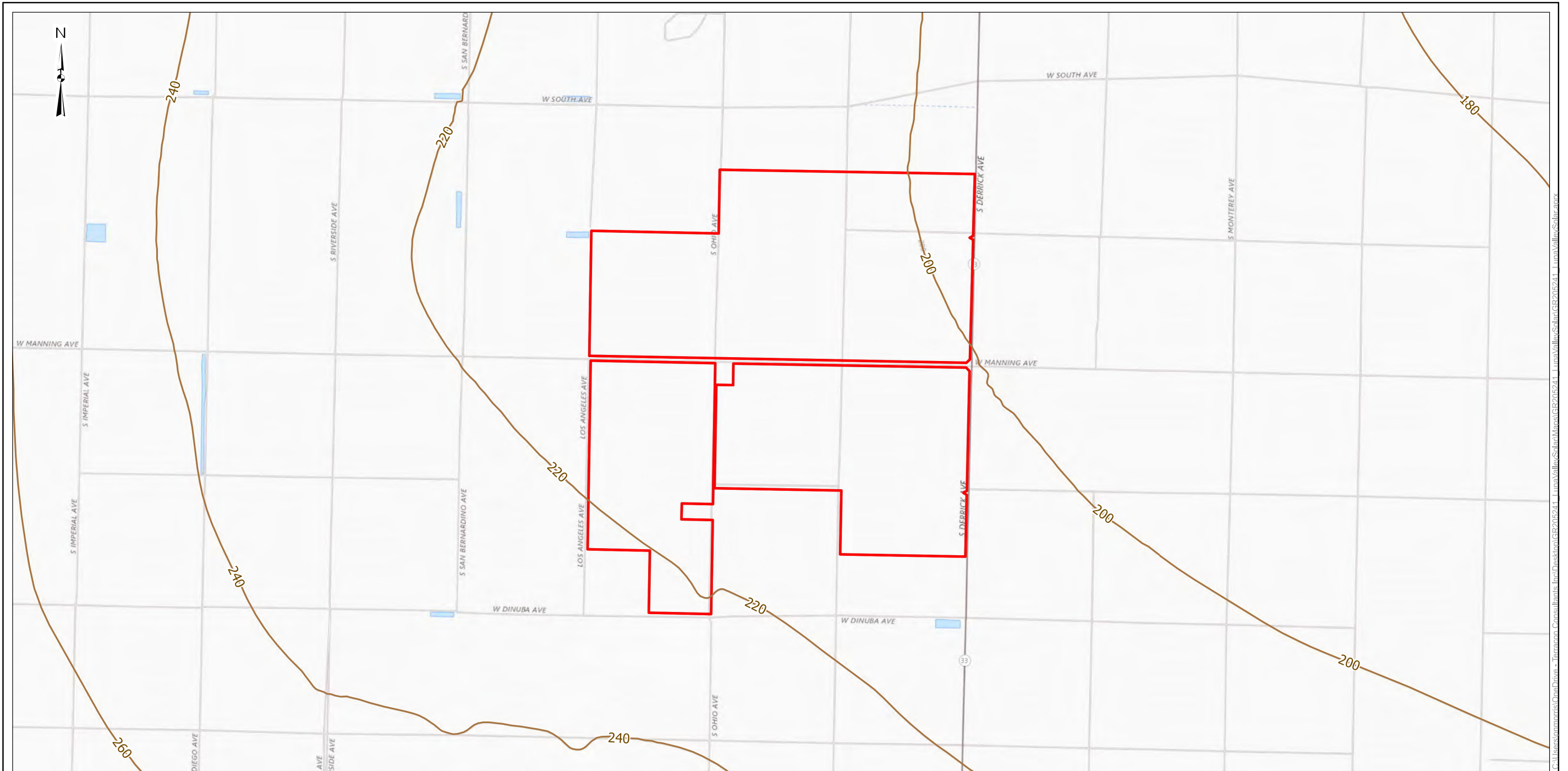
Site Layout

Luna Valley Solar
 Clearway Energy Group LLC
 W. Manning Avenue, Mendota, CA

Exhibit

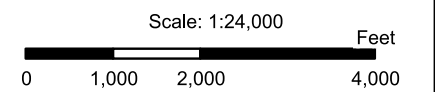
2

C:\Users\pnmorris\OneDrive - Terracon\Consultants\Incl\Desktop\GR205241 - LunaValleySolar\Maps\GR205241 - LunaValleySolar.aprx



Project Site

DATA SOURCES:
 ESRI WMS - Topographic
 USGS - Topographic Basemap

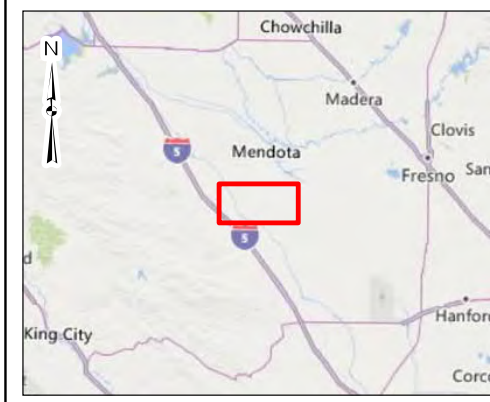
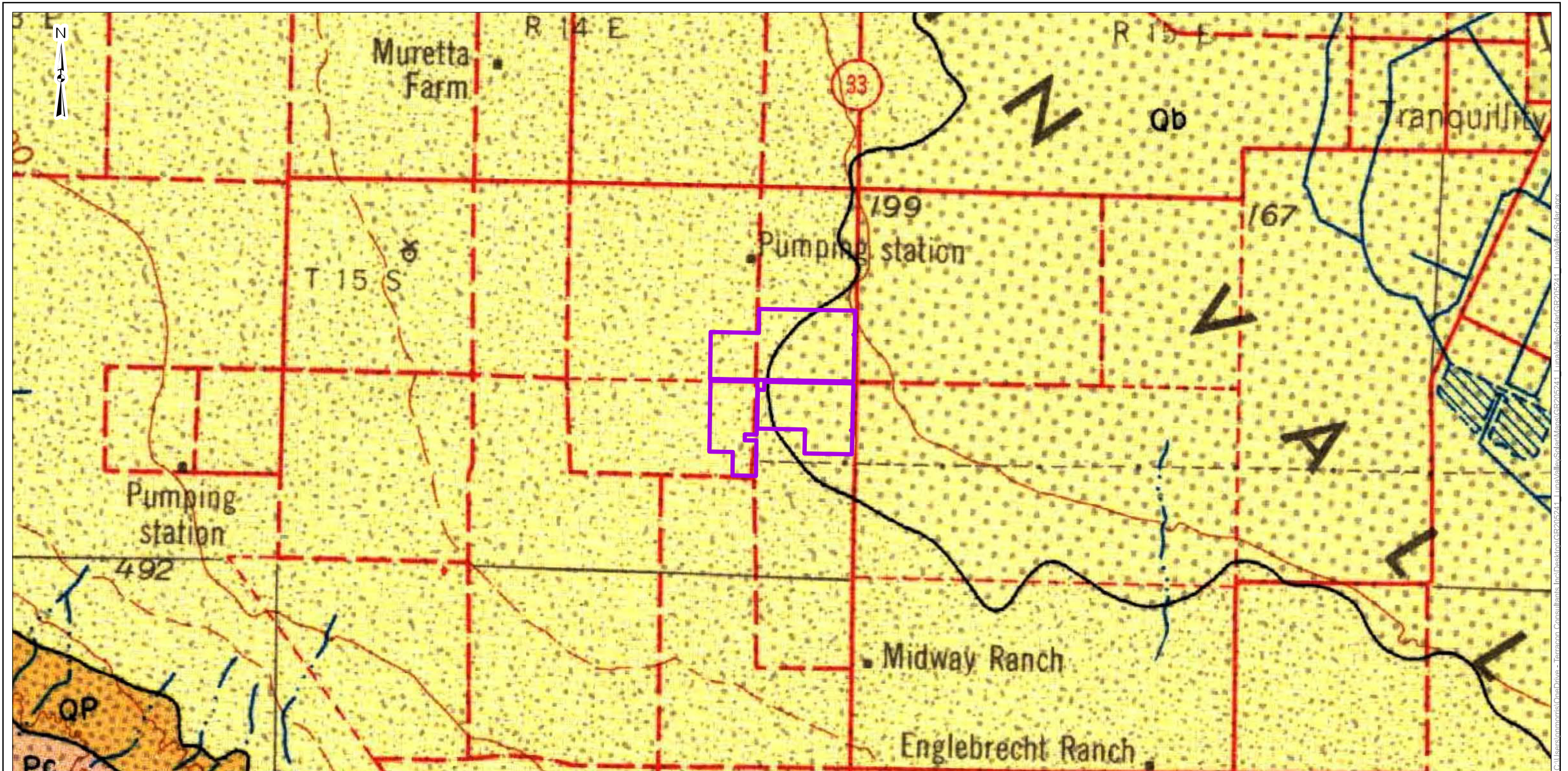







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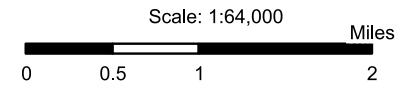
Site Topography
 Luna Valley Solar
 Clearway Energy Group LLC
 W. Manning Avenue, Mendota, CA

Exhibit
 3



-  Project Site
-  Qf Fan deposits
-  Qb Basin deposits
-  QP Plio-Pleistocene nonmarine
-  Pc Undivided Pliocene nonmarine

DATA SOURCES:
 ESRI WMS - Topographic
 USGS - Topographic Basemap
 CGS - Geologic Map of California: Santa Cruz Sheet 1958 (1:250,000)

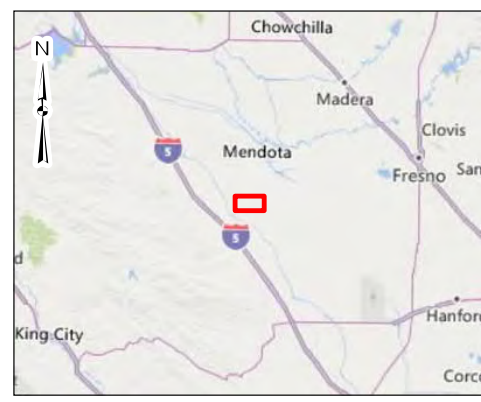
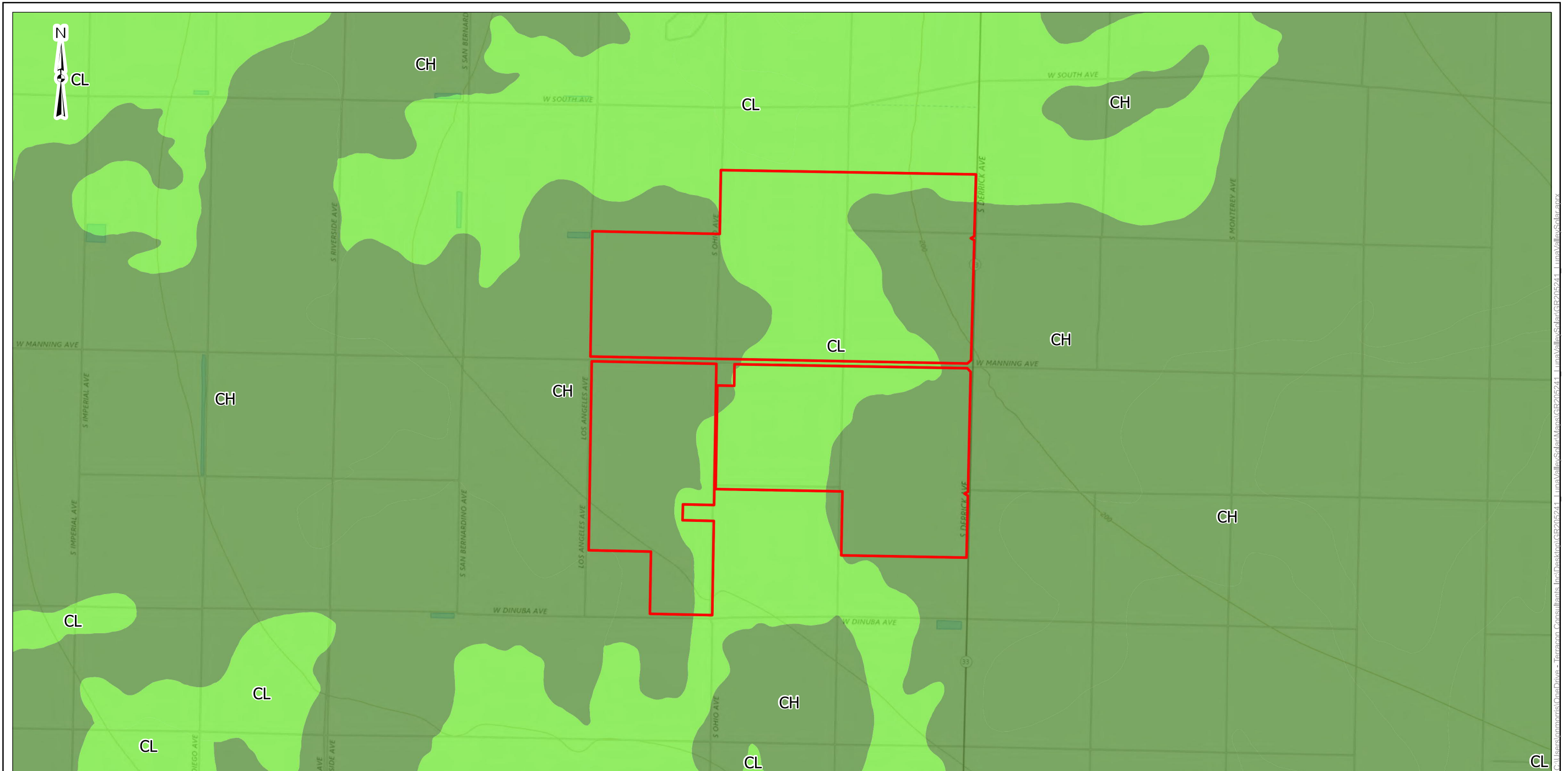


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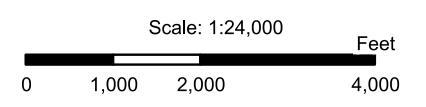
Geologic Map
 Luna Valley Solar
 Clearway Energy Group LLC
 W. Manning Avenue, Mendota, CA

Exhibit
 4



- Project Site
- USCS Classification**
- CH: Clay of High Plasticity, Fat Clay
- CL: Clay of Low Plasticity, Lean Clay

DATA SOURCES:
 ESRI WMS - Topographic
 USGS - Topographic Basemap
 NRCS - USCS Soil Classifications



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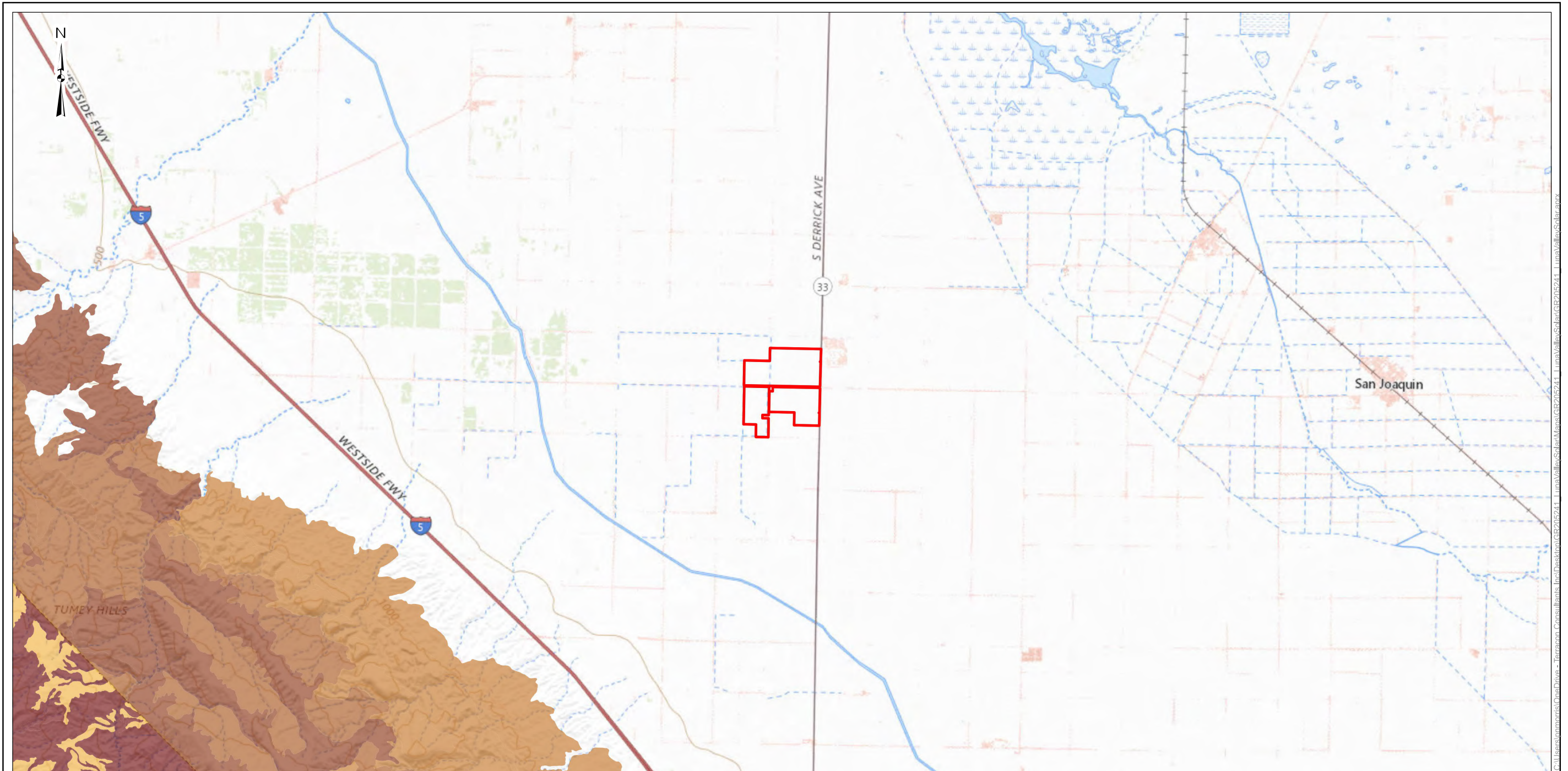
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USCS Soil Classifications

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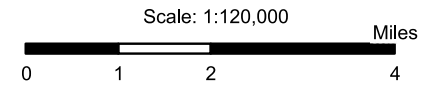
Exhibit

5



- Project Site
- Minimum Depth to Bedrock**
- Exposed bedrock
 - Shallow rock (depth not defined)
 - Less than 1 foot
 - 1 to 2 feet
 - 2 to 3 feet
 - 3 to 4 feet
 - 4 to 5 feet
 - 5 to 6 feet
 - 6 to 7 feet
 - 7 to 8 feet
 - 8 to 9 feet
 - More than 9 feet
 - No bedrock identified

DATA SOURCES:
 ESRI WMS - Topographic
 USGS - Topographic Basemap
 NRCS - Depth to Bedrock



Project No.: GR205241
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 Reviewed By: JRG

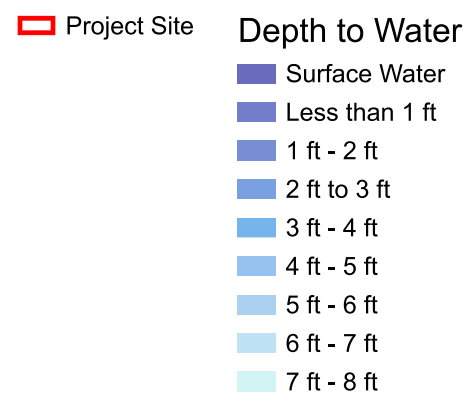
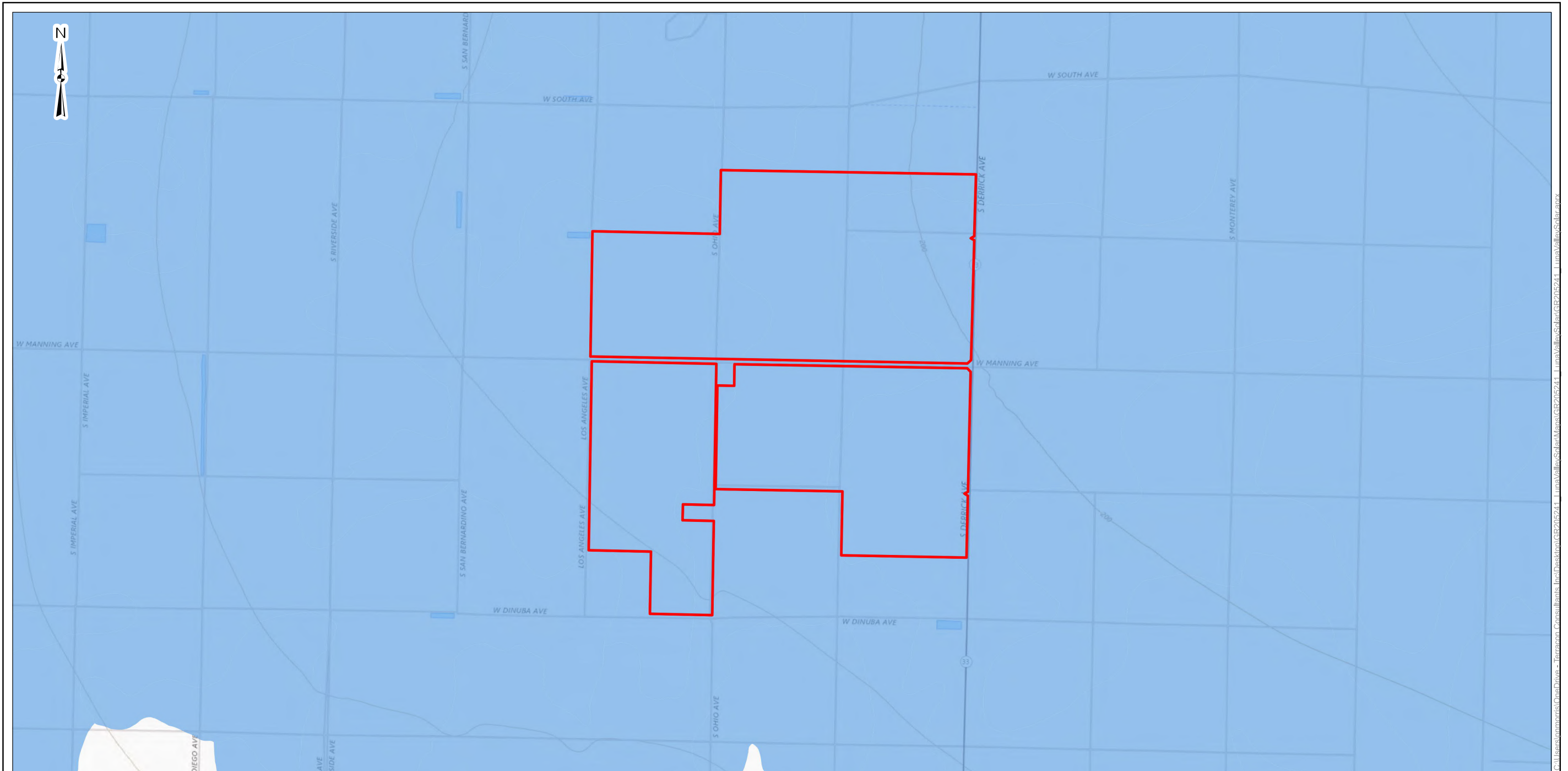
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Depth to Bedrock

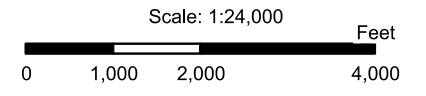
Luna Valley Solar
 Clearway Energy Group LLC
 W. Manning Avenue, Mendota, CA

Exhibit

6



DATA SOURCES:
 ESRI WMS - Topographic
 USGS - Topographic Basemap
 NRCS - Depth to Groundwater



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 Date: Jul 2020
 Drawn By: PNM
 Reviewed By: JRG

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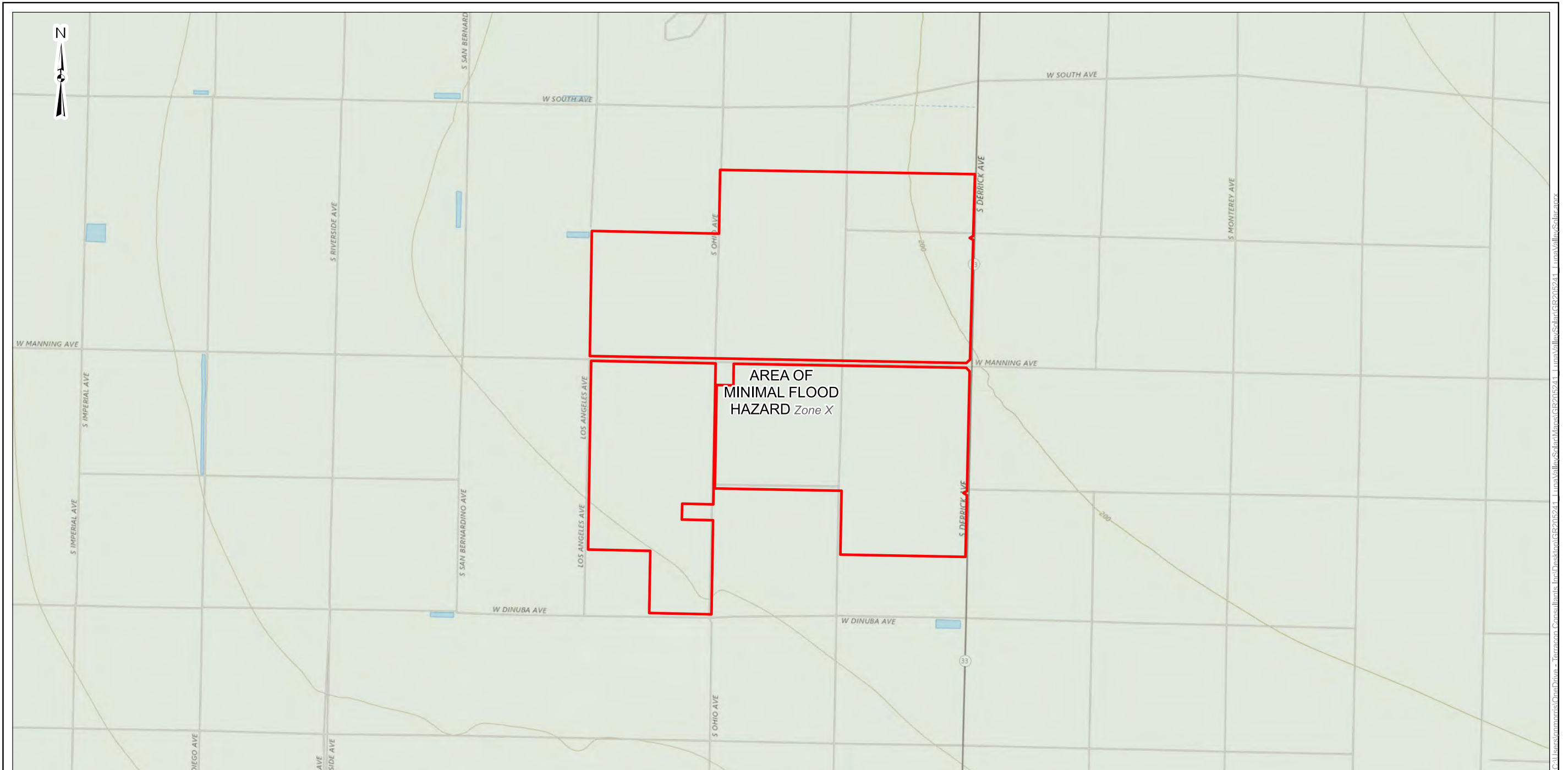
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Depth to Groundwater

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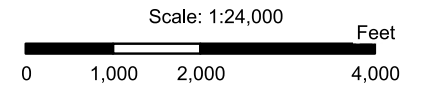
Exhibit

7



- Project Site
- Flood Hazard Zones**
- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- X, AREA OF MINIMAL FLOOD HAZARD
- Area of Undetermined Flood Hazard

DATA SOURCES:
 ESRI WMS - Topographic
 USGS - Topographic Basemap
 FEMA - National Flood Hazard Layer



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FEMA Flood Zones
 Luna Valley Solar
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 W. Manning Avenue, Mendota, CA

Exhibit
 8

Appendix H2

Paleontological Resources Assessment



Administrative Draft

Technical Memorandum

Date: July 23, 2020
To: Aarty Joshi, Senior Manager, Environmental Permitting
Clearway Energy Group
From: Derrick Coleman, PhD, Senior Geomorphologist, Tetra Tech., Inc.
Re: Luna Valley Paleontological Resources, Fresno County, California

This Technical Memo evaluates the potential for paleontological resources (i.e., fossils) to occur at the proposed Luna Valley Solar Project (Project) site in Fresno County, California. It also provides recommendations for management options based on the sensitivity of such resources to disturbance from the proposed Project.

1.0 Introduction

Various activities related to construction have the potential to affect paleontological resources. These activities include grading, excavation, drilling, trenching or tunneling (generally any kind of surface-disturbing activities).

Tetra Tech examined known formations mapped within the Project site footprint and surrounding area, including formations at the surface and in the subsurface, and evaluated the likelihood that these formations could contain paleontological resources. The type of fossils associated with each formation is identified (where applicable). A framework is presented for evaluating paleontological resource sensitivity and applied to the appropriate formations with potential to be encountered.

1.1 Project Location and Setting

The Project is proposed for an area of agricultural land in unincorporated Fresno County, California. The nearest town is Tranquility, located approximately 9.0 miles east-northeast of the project site (see Figure 1). Interstate 5 and the California Aqueduct are located about 9.4 miles and 4.1 miles to the west, respectively. These two features are also located about 9.36 miles and 2.96 miles to the south of the project boundary, respectively. The cities of Mendota and San Joaquin are located 9.8 miles north and 10.9 miles east of Project area, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project area. Highway 33 (South Derrick Avenue) is the eastern boundary of the Project area, while the western edge of the Project area is along Los Angeles Avenue. The northern edge is approximately 1,400 ft. south of W. South Avenue, and the southern edge is approximately 1,300 ft. north of W. Dinuba Avenue. Running through the approximate middle of the Project area from east to west is W. Manning Avenue and the approximate middle of the Project area from north to south is S. Ohio Avenue. The Project site is entirely within the U.S. Geological Survey 7.5-minute topographic quadrangle of Levis. The Project area is located within Township 15 South, Range 14 East, and includes

Sections 23, 24, 25, and 26. The coordinates of the centroid of the Project are approximately latitude 36°36'12"N and longitude 120°24'05"W.

The Project area encompasses around 1,300 acres of privately-owned agricultural land in western Fresno County zoned as Exclusive Agriculture AE-20 under the Fresno County General Plan. This zoning is for agriculture only, and there is a 20-acre minimum parcel size. Within this zoning, the County permits utility-scale solar energy uses with an Unclassified Conditional-Use Permit (UCUP). The Applicant selected the Project site based on its previously disturbed nature and close proximity to electrical infrastructure and designed the Project in accordance with state and county regulations.

1.2 Project Description

The Applicant is proposing to construct and operate a photovoltaic (PV) solar power-generating facility of sufficient size and configuration to produce up to 200 MW (MW) of electricity at the Point of Interconnection (POI) in a cost-competitive manner. This project will assist California utilities meet their obligations under California's Renewable Portfolio Standard (RPS) Program and Senate Bill 100 (SB 100), to produce 60 percent of all electricity sold in California from renewable sources by the year 2030 and 100 percent by 2045. In addition, this location is in close proximity to transmission infrastructure (to minimize environmental impacts) and facilitate grid integration of intermittent and variable PV solar generation, and minimize line losses associated with off-site storage by collocating battery storage at the PV solar facility site.

The Project would include a PV solar energy generating facility, electricity power inverters and transformers or power conditioning stations, an on-site substation, battery energy storage system, and a connection to the PG&E-owned Tranquility substation. Other Project components include access roads, perimeter fences, telecommunications, a meteorological data collection system, signage, lighting, stormwater facilities, and an operations and maintenance building. Major Project features and their specific locations will be described in detail on the submitted Site Plan.

Construction. It is anticipated that construction would occur during a period of approximately 16 months. The onsite construction workforce would average approximately 150 and construction would occur primarily during daylight hours. Workers would reach the site using existing roads. Project construction would consist of two major stages: (1) site preparation, grading, and preparing staging areas and on-site access routes, and (2) assembling the trackers and constructing electrical interconnection facilities.

Operations. The Project would operate seven days per week and 365 days per year. The facility would be operated by Luna Valley Solar I, LLC or an affiliated company. Approximately four, permanent on-site staff are anticipated. Security would be maintained through installation of a chain-link fence, which would include one-foot of three-strand concertina wire along the perimeter of the site. Existing barbed wire fencing would be replaced with the Project perimeter fencing as needed. Infrared security cameras, motion detectors, and/or other similar technology may also be installed to allow for monitoring of the Project site through review of live, 24/7 footage.

Decommissioning. If operations at the site are terminated, the facility would be decommissioned. Most parts of the proposed system are recyclable. Panels typically consist of silicon, glass, and an aluminum frame. Tracking systems typically consist of steel and concrete, in addition to motors and control systems. All of these materials can be recycled.

2.0 Regulatory Context

Regulatory protection of paleontological resources has been promulgated at all levels. Although not all regulatory levels apply to this project, we summarize these requirements here.

2.1 Federal Regulations

Federal protection applies if the project overlaps or crosses federally owned or managed lands, or if a federal license, permit, approval or funding is required. The current Project boundary, including grid connection, does not cross federally owned or managed lands. It also does not depend on federal funding nor require a federal license or permit. Therefore, federal protection does not apply to this project.

2.2 State Regulations

California state regulations provide guidance with respect to paleontological resources under the California Environmental Quality Act (CEQA). Appendix G, Section V.c of the CEQA Guidelines requires that a project proponent determine whether the proposed project would directly or indirectly destroy a unique paleontological resource or site or a unique geological feature. Should an impact be established as significant, CEQA Guidelines require reasonable or feasible measures be applied to limit or minimize significant adverse impacts (State CEQA Guidelines § 15126.4). In addition, CEQA Guidelines (§15370) describe mitigation options to avoid, minimize, rectify, reduce (or even eliminate). or compensate for impacts to paleontological resources.

2.3 Regional/Local Regulations

The 2000 General Plan update for Fresno County protects paleontological resources under the Open Space and Conservation Element. This element seeks to identify, protect, and enhance Fresno County's important sites, including paleontological sites and their associated environment. The ultimate goal is to promote and encourage preservation, restoration, and rehabilitation of Fresno County's significant resources in order to promote awareness, community identify, and protect valuable natural assets of the County (Fresno County 2000).

According to the Fresno County General Plan Annual Progress Report for 2018 (Fresno County 2019), no ordinance has been developed to date for Historical, Cultural, and Geological Resources. All development projects are "referred to the State Historic Preservation Officer, the Fresno County Historical Landmarks and Records Advisory Commission and the Fresno County Historical Society for potential impact on significant . . . geological resources."

3.0 Project Environment

The Project site is situated more or less in the center of the southern portion of the central valley of California by latitude. It much closer to the western side of the valley than the eastern side, but is still located on the flat portion of this broad valley.

3.1 Physiographic Setting

The central valley of California is classified as the Great Valley geomorphic province. This province is a long (approximately 400 miles) and narrow (variable width that averages about 50 miles) lowland that has a central drainage outlet through Suisun Bay and then San Francisco Bay. The northern half of the province (the Sacramento Valley) and the southern half (the San Joaquin Valley) meet at the Sacramento-San Joaquin Delta, which is tidally influenced and therefore essentially at sea level. The San Joaquin Valley increases in elevation toward the south-southeast to approximately 200 feet above sea level near the Bakersfield end of the valley. The San Joaquin Valley axis near the project site is about 170 feet in elevation, and the elevation range within the project area is about 200 feet to 220 feet above sea level.

The San Joaquin Valley is bounded to the west by the Coast Ranges and to the east by the Sierra Nevada Mountains. The Great Valley geomorphic province is a mostly intact (i.e. not deformed) depositional basin, comprised predominantly of alluvial materials from the mountains on both sides of the valley. During the much of the Cenozoic era (present day to 66 million years ago) and the later part of the Mesozoic (66 million to 145 million years ago), the valley existed as a shallow marine embayment or other lowland. However, for a time in the Middle Tertiary period (about 12 million to 30 million years ago) the depositional environment was deeper water. In the late Cenozoic the San Joaquin Valley consisted of shallow brackish and freshwater lakes, including the now extinct Pleistocene-epoch Lake Corcoran (Norris and Webb, 1990).

3.2 Local Geology

The Great Valley is a depositional trough with an asymmetrical synclinal shape containing Mesozoic through Cenozoic aged sediments. These sediments are deposited on a granitic rock basement containing Franciscan (west side) the Sierran (east side) formations. The contact between the two basement formations is concealed underneath the Great Valley deposits. Even though it is not visible, it is presumed to be a subduction zone or fault-related contact. Much of the Great Valley had active tectonism throughout the Cenozoic, creating unconformities among sedimentary units. Deposition in the center of the Great Valley appears to provide an unbroken record through the Cenozoic. Along the margins of the Great Valley, deposition appears to have been frequently disrupted by tectonic activity and erosion (Norris and Web, 1990).

Geologic mapping of the western San Joaquin Valley region has been documented by a number of authors, including Bartow (1996) and Page (1986). The Project is located on the western side of the central San Joaquin Basin, a deep alluvial basin as described above. The map compiled by Jennings and Strand (1958) suggests the area surrounding project site contains two distinct geologic units, Quaternary fan deposits and Quaternary basin deposits. A more recent map produced by Dibble and Minch (2007) combines the fan and basin deposits into a single Quaternary alluvial deposits map unit. Bartow (1996) mapped the western border of the San Joaquin Valley, and called surficial units on the Valley floor younger alluvial fan deposits of Holocene age.

Based on the current geologic map of this part of the San Joaquin Valley, a Project geology map was prepared and is provided as Figure 2 (Jennings et al. 2013). As seen in Figure 2,

surface units in the Project site comprise 100% Pleistocene- to Holocene-aged alluvial deposits (unconsolidated sediments). Although these deposits are of unknown thickness, they are estimated to be at least 15 feet to 20 feet thick at the Project location. This is based on the distance from the valley edge (a minimum of 5 miles) as defined by the contact with the underlying unit of late Pleistocene age alluvial sediments, and lack of any surficial topographic features (other than flat surface). Therefore, the two geologic units with any potential to be encountered at the site are (1) Quaternary alluvium (Q) which comprises the surface at the Project site, and (2) Older alluvium (Qoa) which underlies the surface unit at depths greater than any expected excavations or drilled holes. The only older geologic units found at the surface near the Project site occur in the foothills to the west, southwest, and south of the project site. It is unlikely that any excavations required by Project development would be deep enough to reach the older alluvium (Qoa), and much less likely to encounter Pliocene or older geologic units that would underlie these Quaternary units. The combined thickness of geologic units in the San Joaquin Valley basin could be on the order of 3,600 feet, including units back to Mesozoic age (Page 1986).

Quaternary alluvium (Q) covers the entire Project footprint, and well over half the area shown on the Geology Map (Figure 2). This is equivalent to the unit Jennings and Strand (1958) called “fan and basin deposits” of the San Joaquin Valley. These sediments form an unconsolidated layer of sand, silt, clay and gravel that covers extensive areas of the San Joaquin Valley.

Pleistocene alluvium (Qoa) are slightly older sediments also derived from continental rocks and deposited into both non-marine and marine water environments. Surface occurrences of this unit can be found about 5 miles to the southwest of the Project location at their closest location. This unit is not well-studied in the western side and has a limited publication record, mostly in northeast San Joaquin Valley, describing sediments derived from the Sierra Nevada mountains on the eastern side of the valley (Marchand and Allwardt, 1981).

4.0 Paleontological Resources

Since paleontological resources are limited and nonrenewable, and provide scientific and educational value, they are protected under both state (CEQA) and County laws and regulations. The evaluation of paleontological resources by this Technical Memorandum satisfies CEQA and follows guidelines of significance criteria specified by the U.S. Bureau of Land Management (BLM) in their Paleontological Fossil Yield Classification (PFYC) system (BLM 2016).

Surface and subsurface geologic units in the project vicinity were identified through a review of select published maps and literature. Geologic units provide an indication of paleontological sensitivity and the potential for impacting to non-renewable paleontological resources by project development. The reviewed literature and maps included Bartow (1996), Dibblee and Minch (2007), Israelsky (1951), Jennings and Strand (1958), Marchand and Allwardt (1981), Page (1983), and Woodring and Bramlette (1950).

4.1 Database Search

A records search was performed by the University of California Museum of Paleontology (UCMP) for records of fossil localities occurring within quaternary geologic units in Fresno County and parts of the San Joaquin Valley (Holroyd 2020). The record collection search objective was to identify known fossil localities in or near the Project site, or regionally within the identified geologic formation present at the project site. The searches performed covered all fossil types (vertebrate, invertebrate, plant, microfossils, and trace fossils).

Within the Project area no records of fossil localities were identified by the UCMP search. The only fossil site identified in the vicinity of the Project was approximately 6 miles to the northeast (UCMP locality D3158). This is an invertebrate fossil identified in the Pliocene-age San Joaquin Formation.

4.2 Resource Assessment

Based on known land histories and a cursory review of aerial imagery from 1998 through 2018, the Project site appears to consist of predominantly disturbed agricultural lands that have been under active cultivation for much of this period (and probably much longer, as irrigated farming began in the San Joaquin Valley in 1870). The aerial images show that the land does not maintain any natural vegetation and is relatively flat. The 7.5 Minute US Geological Survey “Levis” quadrangle map shows these sections have a slightly curved surface that slopes due east on the northern end (Sections 23 and 24) and turns to the northeast in the southern end of the site (Section 25). There are no solid bedrock surface exposures found within the Project site boundaries, so no pedestrian field surveys were deemed necessary nor performed.

4.3 Paleontological Resource Sensitivity

The classification of paleontological resources applied here follows the system developed by the BLM (2016) for use on public lands. The BLM system classifies geologic units into one of five broad categories (some with sub-classes) that have an increasing likelihood for containing paleontological resources that progress from Class 1 to Class 5 (i.e. PFYC-1 to PFYC-5, see Attachment 1). Rating the sensitivity of these geological formations was based on the record search, literature review, and professional judgement. Results of the analysis have been used to develop recommendations for this project.

Quaternary alluvium (Q). This geologic unit covers the entire Project footprint, and is estimated to be a minimum of 15 feet thick at this location in the San Joaquin Basin. The Pleistocene- to Holocene-aged sediments of this geologic unit are too young to contain scientifically significant paleontological resources and therefore are considered to have low paleontological sensitivity (PFYC-2).

Pleistocene alluvium (Qoa). These slightly older sediments are likely derived either from the coast range to the west, or from the Sierra Nevada mountains to the east of the valley. This unit is known to contain widely scattered and scientifically significant paleontological resources (Marchand and Allwardt, 1981). However, their significance, abundance, and

predictability is quite variable, so they are considered to have a moderate paleontological sensitivity (PFYC-3a).

5.0 Evaluation of Paleontological Resources

The geologic unit mapped at the surface within the project site is Quaternary alluvium (Q). These deposits are assessed as PFYC-2 (having low paleontological sensitivity) and therefore, have a low probability of containing fossils. The geologic unit that is stratigraphically below the surface unit is Pleistocene-aged sediments (Qoa) is assessed to having moderate paleontological sensitivity (PFYC-3a). This unit has contained fossils at other locations in the San Joaquin Valley, although their significance and predictability is variable.

Only the upper of these two units is likely to be impacted by Project activities, because excavations and other surface penetrating actions are not expected to be deep enough to reach the older unit. The younger Quaternary alluvium (Q) at the surface varies in thickness across the San Joaquin Basin, but is expected to be relatively thick (at least greater than 15 feet) in the project area based on the Project's location, topography, and the geologic mapping of Jennings and Strand (1958). Therefore, ground-disturbing activities associated with Project construction are unlikely to expose the more sensitive Pleistocene-aged alluvial deposits. As a result, Project development activities are not expected to impact scientifically significant paleontological resources.

6.0 Resource Protection

The case for protecting paleontological resources is well-founded. These resources are finite and nonrenewable. Fossils are important because they can provide significant information to advance our understanding of past environments, climates, species occurrence and diversity, and species response to climate change. These resources are vulnerable to impacts from ground-disturbing activities associated with development projects. Possible impacts to fossils and fossil sites due to development or other site-disturbing activities could thus result in a direct loss of scientific data or research potential. On-site construction activities associated with site development could impact previously undisturbed, and paleontologically rich geologic deposits, if present, and in that case, could destroy potentially significant paleontological resources.

However, potential impacts can be evaluated by (a) assessing the likelihood that important paleontological resources will be found within the development site, (b) considering whether protective measures are available and necessary. In response to the first part of this concern, we have established that the Holocene-aged sediments found at the surface within the project boundaries, are too young to contain any paleontological resources. These sediments are quite thick at the Project site, and project construction activity is not anticipated to reach a depth where underlying geologic units with higher paleontological sensitivity might be encountered.

6.1 Management Recommendations

The potential for encountering paleontological resources on the Project site is low. Although the geologic unit (Quaternary alluvium [Q]) found at the surface within the Project location is unlikely to contain sensitive paleontological resources, precautions can be taken in the event these resources are encountered, and the following proposed mitigation measures are recommended

to lessen the potential for impacting paleontological resources should they be inadvertently discovered:

- Paleontological Worker Education and Awareness Program (WEAP): Before starting construction activities, on-site personnel should be trained in basic recognition of fossils and appropriate procedures to notify management in order to engage a qualified paleontologist in the event that fossils are discovered during construction activities.
- Construction crews must be informed of the potential to find paleontological materials (fossils). If such resources, whether they are fossilized materials or sites, are unearthed while conducting construction activities for the Project, all construction work occurring within 100 feet of the find shall immediately stop. A qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards for the Society of Vertebrate Paleontology (SVP 2010), must be brought on-site to evaluate the significance of the find and determine if additional study is warranted. If the significance of the find under CEQA or California Public Resources Code, Section 21082 does not warrant such study, the qualified paleontologist may decide to just record the find and allow work to continue. If the discovery proves significant under CEQA, additional work will be prescribed, such as preparation of a paleontological treatment plan, testing, or data recovery.

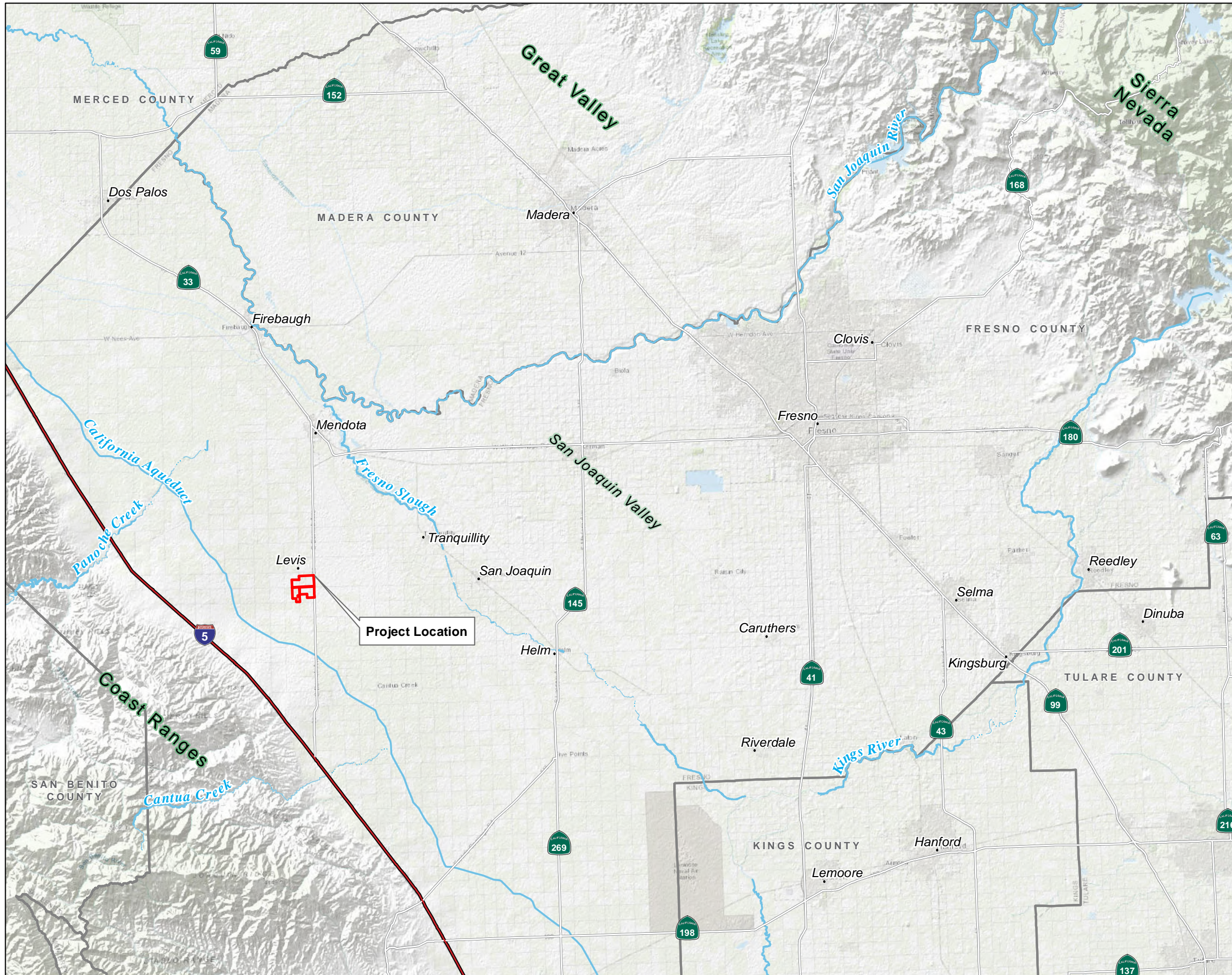
7.0 References

- Addicott, W. O. 1970. Tertiary Paleoclimatic Trends in the San Joaquin Basin, California. U. S. Geological Survey Professional Paper, 644-D. Washington, DC.
- Bartow, J. A. 1996. Geologic map of the west border of the San Joaquin Valley in the Panoche Creek-Cantua Creek area, Fresno and San Benito Counties, California. U. S. Geological Survey Miscellaneous Field Investigations. Map. I-2430. 1:50,000.
- Bartow, J.A. and McDougal, K. 1984. Tertiary Stratigraphy of the Southeastern San Joaquin Valley, California. U.S. Geological Survey Bulletin 1529-J, Contributions to Stratigraphy. Washington, DC.
- BLM (U.S. Bureau of Land Management). 2016. Potential Fossil Yield Classification System for Paleontological Resources on Public Lands. BLM Instruction Memorandum No. 2016-124, July 8, 2016.
- Dibblee, T.W., and J. A. Minch. 2007. Geologic Map of the Monocline Ridge and Levis quadrangles, Fresno and San Benito Counties, California. Dibblee Foundation map DF-315, 1:24,000. U.S. Geological Survey.
- Fresno County. 2000. Fresno County General Plan Policy Document, General Plan Update. Adopted October 3, 2000 as Resolution No. 00-534 by the Fresno County Board of Supervisors.
- Fresno County. 2019. 2018 General Plan Annual Progress Report. March 2019.

- Holroyd, P. 2020. Email to Derrick Coleman, Re: Paleontology Database search for a solar project in Fresno County. Senior Museum Scientist, Museum of Paleontology University of California (MPUC). May 26, 2020.
- Israelsky, M. C. 1951. Foraminifera of the Lodo Formation Central California. U. S. Geological Survey Professional Paper, 240-A. 29 pp. 10 Plates.
- Jennings, C. W., and Strand, R. G. 1958. Geologic Atlas of California – Santa Cruz sheet. Map No. 020, 1:250,000. California Geological Survey.
<https://www.conservation.ca.gov/cgs/maps-data/rgm>
- Jennings, C.W., Gutierrez, C., Bryant, W. Saucedo, G, and Wills, C. 2013. Geologic Map of California, version 2.0 (California Geological Survey 150th Anniversary Edition). California GDM No.2. All digital map.
- Marchand, D. E., and Allwardt, A. 1981. Late Cenozoic Stratigraphic Units, Northeastern San Joaquin Valley, California. U.S. Geological Survey Bulletin, 1470, 70.
- Norris, R. M., and Webb, R.W. 1990. Geology of California. 2d ed. New York: John Wiley & Sons.
- Page, R. W. 1983. Geology of the Tulare Formation and other continental deposits, Kettleman City area, San Joaquin Valley, California. USGS Water Resources investigations, Report 83-4000. Washington, DC.
- SVP (Society of Vertebrate Paleontology). 2010. Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. Society of Vertebrate Paleontology, 1– 11.
- Woodring, W. P., and Bramlette, M.N. 1950. Geology and paleontology of the Santa Maria district, California. U.S. Geological Survey Professional Paper, 222, 1-142.

FIGURES

Luna Valley Solar
 Fresno County, CA
Paleontology Technical Memorandum
Figure 1: Project Location



Legend

- Project Site
- County Boundary

Transportation

- Interstate
- State Highway

Hydrology

- Major River or Creek

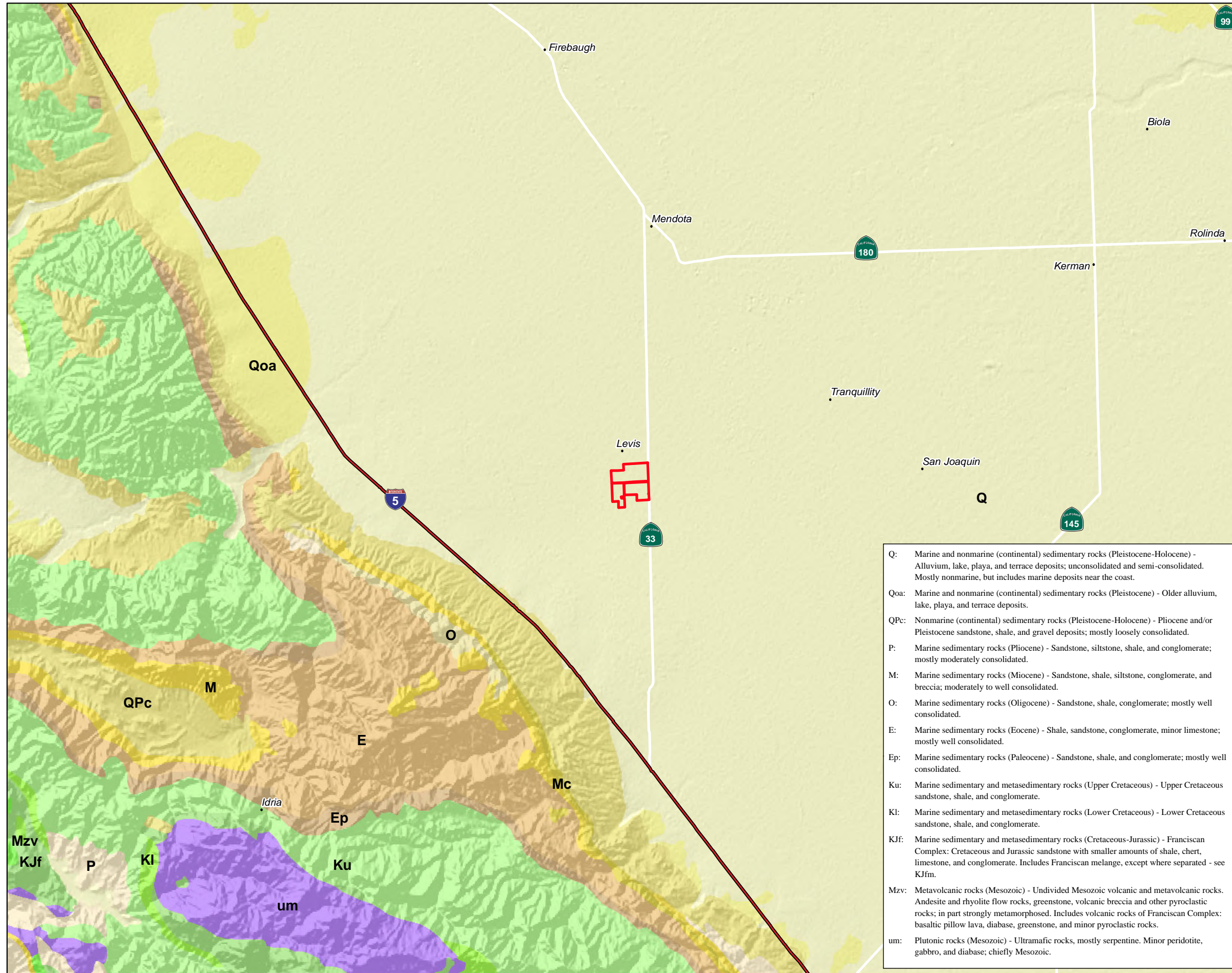
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Luna Valley Solar
 Fresno County, CA
Paleontology Technical Memorandum
Figure 2: Geology Map



Q: Marine and nonmarine (continental) sedimentary rocks (Pleistocene-Holocene) - Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Qoa: Marine and nonmarine (continental) sedimentary rocks (Pleistocene) - Older alluvium, lake, playa, and terrace deposits.

QPc: Nonmarine (continental) sedimentary rocks (Pleistocene-Holocene) - Pliocene and/or Pleistocene sandstone, shale, and gravel deposits; mostly loosely consolidated.

P: Marine sedimentary rocks (Pliocene) - Sandstone, siltstone, shale, and conglomerate; mostly moderately consolidated.

M: Marine sedimentary rocks (Miocene) - Sandstone, shale, siltstone, conglomerate, and breccia; moderately to well consolidated.

Mc: Marine sedimentary rocks (Miocene) - Sandstone, shale, siltstone, conglomerate, and breccia; moderately to well consolidated.

O: Marine sedimentary rocks (Oligocene) - Sandstone, shale, conglomerate; mostly well consolidated.

E: Marine sedimentary rocks (Eocene) - Shale, sandstone, conglomerate, minor limestone; mostly well consolidated.

Ep: Marine sedimentary rocks (Paleocene) - Sandstone, shale, and conglomerate; mostly well consolidated.

Ku: Marine sedimentary and metasedimentary rocks (Upper Cretaceous) - Upper Cretaceous sandstone, shale, and conglomerate.

Kl: Marine sedimentary and metasedimentary rocks (Lower Cretaceous) - Lower Cretaceous sandstone, shale, and conglomerate.

KJf: Marine sedimentary and metasedimentary rocks (Cretaceous-Jurassic) - Franciscan Complex: Cretaceous and Jurassic sandstone with smaller amounts of shale, chert, limestone, and conglomerate. Includes Franciscan melange, except where separated - see KJfm.

Mzv: Metavolcanic rocks (Mesozoic) - Undivided Mesozoic volcanic and metavolcanic rocks. Andesite and rhyolite flow rocks, greenstone, volcanic breccia and other pyroclastic rocks; in part strongly metamorphosed. Includes volcanic rocks of Franciscan Complex: basaltic pillow lava, diabase, greenstone, and minor pyroclastic rocks.

um: Plutonic rocks (Mesozoic) - Ultramafic rocks, mostly serpentine. Minor peridotite, gabbro, and diabase; chiefly Mesozoic.

- Project Area
 - Transportation**
 - Interstate
 - State Highway
 - Local Road
 - Geologic Map Units**
 - Q – Quaternary alluvium
 - Qoa – Older alluvium
 - QPc – Pleistocene alluvium
 - P – Pliocene sedimentary rock
 - M – Miocene sedimentary rock
 - Mc – Miocene continental sedimentary rock
 - O – Oligocene sedimentary rock
 - E – Eocene sedimentary rock
 - Ep – Paleocene sedimentary rock
 - Ku – Cretaceous sedimentary rock
 - Kl – Lower Cretaceous sedimentary rock
 - KJf – Franciscan Complex
 - Mzv – Mesozoic metavolcanics rock
 - um – Mesozoic plutonic rock
- Source: Jennings, et al. (2013)**

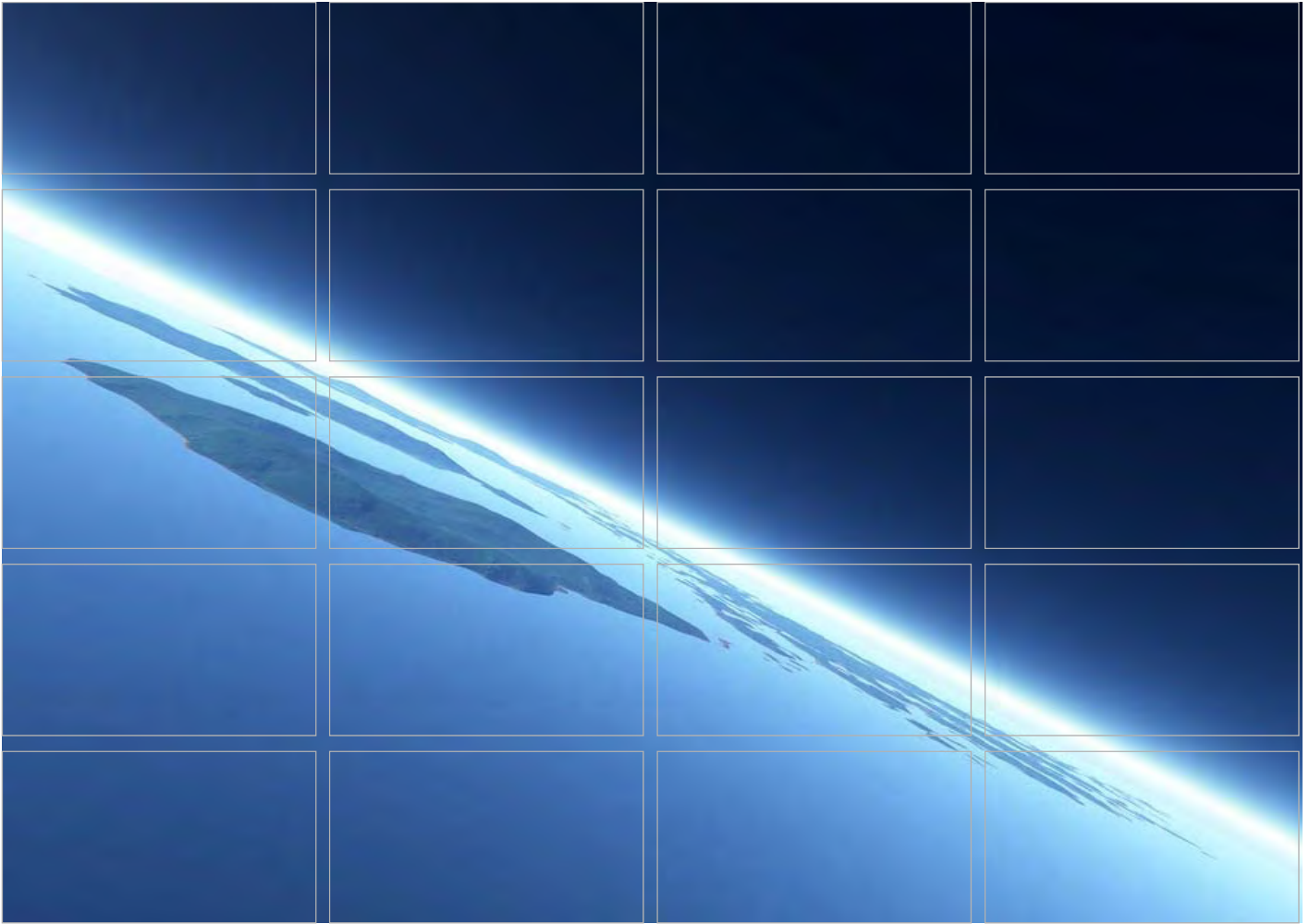
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Appendix H3

Phase I Environmental Site Assessment





Luna Valley Solar I, LLC

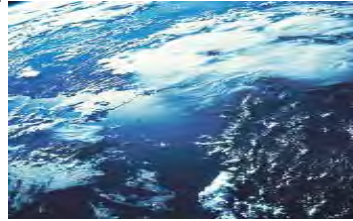
Project 0423764

Phase I Environmental Site Assessment

Luna Valley Solar Project Site
Fresno County, California

11 July 2018

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- Appendix D: Professional Profiles

Executive Summary



ERM-West, Inc. (ERM) conducted a Phase I Environmental Site Assessment (ESA) of the Luna Valley Solar Project Site located south of the unincorporated community of Levi, Fresno County, California (the “Site” or “Subject Property”). The Phase I ESA was conducted in accordance with the scope and limitations of ASTM International Standard E2247-16 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property* (“E2247-16”). Exceptions to, or deletions from, E2247-16 are described in Section 1.3.4 of this report. ASTM E2247-16 standards were used in conjunction with ASTM E2247-16, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* to the extent practical and applicable to complete the work and prepare this report.

The Site visit was performed on 4 January 2018 by ERM assessors Mr. Kevin Almestad and Ms. Natalie Bogan. The Site is primarily vacant agricultural land that is covered with grasses, weeds, and low brush along the roadways. Two paved roadways and unpaved roads are present on the Site. The Subject Property consists of approximately 1,240 acres of land located in the western portion of Fresno County. The Subject Property consists of 15 parcels owned by the Westlands Water District.

Improvements on the Subject Property include an underground water line access vault and pipeline access points in the central portion of the Site. An electrical transmission line crosses the southern tip of the Site. Small quantities of trash and debris are scattered throughout the margins of the Subject Property including plastic debris, car tires, a pile of tractor tires and rock/fill piles. The surrounding land use is primarily agricultural. Solar energy developments are located immediately south and abutting northeast of the Subject Property.

Historical research indicates that the Subject Property was predominantly undeveloped and/or agricultural land with no visible structures from the early 1900s through the present. The adjacent properties are depicted as undeveloped or agricultural land. No structures and/or dwellings appear on the topographic maps or aerial photographs of the Site. It appears that the Site was undeveloped land until the 1950s, when the entire Site was used for agriculture. The Site has generally remained in the same configuration, with the exception of some irrigation development in the 1970s.

ERM obtained Site information via an interview with the Site representative Mr. Israel Sanchez, a Resources Engineer with the Westlands Water District.

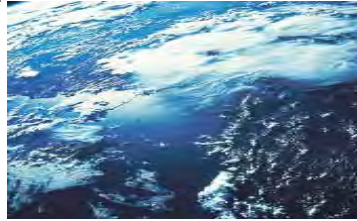
The Subject Property was not listed in the Site-specific environmental database report and no spill or release related listings were discovered within the ASTM search radii.

ERM has identified the following conclusions associated with the Site:

Summary of Identified Issues
ASTM E2247-16 Findings:
Recognized Environmental Conditions (RECs)¹
No RECs were identified in connection with the Subject Property.
Controlled Recognized Environmental Conditions (CRECs)¹
No CRECs were identified in connection with the Subject Property.
Historical Recognized Environmental Conditions (HRECs)¹
No HRECs were identified in connection with the Subject Property.
De Minimis Conditions
<i>Agricultural Chemicals:</i> The Subject Property has historically been used for agricultural purposes. Historical agricultural operations would typically have included the use of agricultural chemicals (e.g., pesticides, herbicides, and fertilizers). The potential presence of residual agricultural chemicals in soil or groundwater at the Site represents a <i>de minimis</i> condition.
<i>Solid Waste and Debris:</i> ERM observed small quantities of solid waste and debris throughout the margins of the Subject Property including: trash, rock piles, car tires and a pile of tractor tires that based on their nature and small quantities are considered a <i>de minimis</i> condition.

¹ Key ASTM definitions, including REC, CREC and HREC, are provided in Section 8

1. Introduction and Background



1.1 Purpose and Auditors

ERM completed a Phase I Environmental Site Assessment (ESA) and of the Luna Springs Solar Project Site located approximately 0.5 miles south of the unincorporated community of Levi in Fresno County, California (the “Subject Property” or the “Site”).

The Site visit was performed on 4 January 2018 by ERM assessors Mr. Kevin Almestad and Ms. Natalie Bogan. No Site representatives were available to accompany ERM during the Site visit. ERM obtained Site information via an interview with the Site representative Mr. Israel Sanchez, a Resources Engineer with the Westlands Water District.

1.2 Scope of Work

This environmental assessment was conducted in conformance with ERM’s proposal dated September 15, 2017 (ERM, 2017) and with the requirements of ASTM E2247-16. Exceptions to, or deletions from, E2247-16 are described in Section 1.3.4 of this report.

ERM sought to identify conditions indicative of the presence or likely presence of hazardous substances or petroleum products in, on, or at the properties: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. To this end, ERM sought to gather reasonably ascertainable information regarding: (1) current and past subject property uses and occupancies; (2) current and past uses of hazardous substances and petroleum products; (3) waste management and disposal activities; (4) current and past corrective actions and response activities at the subject property; and (5) properties adjoining or located nearby the subject property. The scope of the Phase I ESA is further detailed below.

The scope of this Phase I ESA included:

- An onsite inspection to evaluate current conditions and identify areas of potential concern;
- A review of the history of the Subject Property and its vicinity through interviews and a review of various historical sources;
- Observation of adjoining properties and properties in the local area to evaluate the potential for adverse environmental impact to the Subject Property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify regulatory listings for the Site and regulatory-listed facilities in the vicinity of the Site, as required in the regulatory records review section of the ASTM E2247-16; and
- Interviews and/or requests for information from the User and Subject Property owner, as deemed appropriate by the Environmental Professional.

1.3 Limiting and Special Conditions

1.3.1 Limiting Conditions During the Site Visit

Due to the size and primarily undeveloped/partially vegetated nature of the Subject Property, ERM visually evaluated the Site from accessible points. The site visit was accomplished by driving access roads and trails that were abutting

and transecting the Subject Property and by direct observation of any unusual features noted during the visit. Based upon ERM's historical research and the primarily undeveloped nature of the Subject Property, this particular site-related limiting condition is not expected to represent a significant limitation to this assessment. The Site visit portion of the scope of work was performed according to the ASTM E2247-16 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property. No other limiting conditions were encountered during the Site visit.

1.3.2 Data Gaps

The following table summarizes the data gaps identified during the Site assessment.

Table 1-1 Data Gap Summary

Data Gap / Failure	Sources Consulted to Address Data Gap	Significance*
Per ASTM, past owners, operators, and occupants of the Subject Property who are likely to have material information regarding the potential for contamination at the Subject Property shall be contacted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. ERM was not able to interview past owners and/or operators at the Subject Property. Based on this, and based upon historical data collected from other sources, this data gap is not expected to impact the results of this assessment.	ERM reviewed historical maps and aerial photographs, prior reports, and the EDR report. In addition, ERM obtained owner questionnaires from the majority of the current parcel owners.	Non-significant

* "Significance" provides a qualitative indication of the implication of the identified data gap relative to the Environmental Professional's (EP's) ability to identify conditions indicative of releases or threatened releases to the Subject Property; the 'significance' of the data gaps are rated from low to high. "Non-significant" indicates that additional information to fill the data gaps is not likely to have a negative impact on ERM's conclusions presented in this report. "Significant" indicates that it is ERM's opinion that additional diligence or investigation (such as additional data review or physical sampling of environmental media) is required to address the data gap.

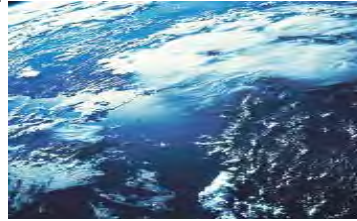
1.3.3 Significant Assumptions

No significant assumptions have been made.

1.3.4 Exceptions and Deletions to the ASTM Standard

ERM has not identified exceptions to, or deletions from the ASTM E2247-16 standard. The Site visit portion of the scope of work was performed according to the ASTM E2247-16 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property.

2. Physical Site Setting



2.1 Location

The SunPower Luna Valley Project Site located approximately 0.5 miles south of the unincorporated community of Levi in Fresno County, California. The general location of the Subject Property and the physiographic features of the surrounding area are shown on Figure 1, developed from the United States Geological Survey (USGS) topographic map of Levis, California dated 2012.

The Subject Property consists of approximately 1,200 acres of land located in the western portion of Fresno County. The Subject Property consists of 15 parcels, summarized in Table 2-1 below. The Subject Property was accessed from West Manning Avenue.

Table 2-1 – Subject Property Parcels

Assessor's Parcel Number (APN)	Parcel Acres	Condition/Use
028-060-34T	160.3	Vacant Agricultural Land
028-060-69ST	250.56	Vacant Agricultural Land
028-060-70ST	76.6	Vacant Agricultural Land
028-060-71ST	80.04	Vacant Agricultural Land
028-060-72ST	57.47	Vacant Agricultural Land
028-101-15ST	18.72	Vacant Agricultural Land
028-101-17ST	15.16	Vacant Agricultural Land
028-101-19ST	38.24	Vacant Agricultural Land
028-101-29ST	5.02	Vacant Agricultural Land
028-101-58ST	37.73	Vacant Agricultural Land
028-101-65ST	153.42	Vacant Agricultural Land
028-101-69ST	133.53	Vacant Agricultural Land
028-101-72ST	24.69	Vacant Agricultural Land
028-101-74ST	165.67	Vacant Agricultural Land
028-101-77ST	36.95	Vacant Agricultural Land

2.2 Topography and Hydrology

The Subject Property is located in the central portion of the Great Valley geomorphic province. The Great Valley geomorphic province is an alluvial plain approximately 50 miles wide and 400 miles long and is bounded by the Coast Ranges to the west and the Sierra Nevada Mountains to the east. The valley is filled with up to as much as 20,000 to 40,000 feet of alluvial sediment.

The Subject Property is located at an elevation of approximately 206 feet above mean sea level (AMSL), is generally flat, and slopes slightly to the southeast. Surface water at the Subject Property is expected to infiltrate into site soils.

According to flood zone and National Wetland Inventory (NWI) data presented in the EDR® Radius Map™ Report reviewed by ERM, the Subject Property is not located within delineated wetland areas, or the 100 or 500-year flood plains. Flood zone and NWI data were obtained by EDR from the Federal Emergency Management Agency (FEMA) and U.S. Fish and Wildlife Services, respectively.

2.3 Geology and Hydrogeology

The Site is located within the Levis quadrangle, which encompasses a portion of the San Joaquin Valley. Lithology underlying the site is primarily Pleistocene to Holocene age alluvial sedimentary.

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) web soil survey data for the Fresno County area, the surface soils in the vicinity of the Subject Property are generally comprised of Tranquility clays, Ciervo clays and Calflax clays. Tranquility clay is described as somewhat poorly drained with low to moderately low infiltration rates. Ciervo and Calflax clays are described as moderately well drained with infiltration rates ranging from low to moderately low to moderately high, respectively.

According to the GeoTracker Groundwater Ambient Monitoring and Assessment Program (GAMA) lists seven private water supply wells and one federal United States Geological Survey (USGS) groundwater well within one mile of the Subject Property. No wells are mapped on the Site by EDR. According to the California Division of Oil, Gas and Geothermal Resources (DOGGR), the Site had an exploratory boring drilled by SWEPI, LP on 20 July 1950 and was plugged and abandoned that same year.

The Site-specific depth to groundwater data necessary to determine actual shallow groundwater flow direction for the Subject Property is not available, and as such, groundwater flow direction at the Subject Property cannot be accurately determined by ERM. It is expected that groundwater generally flows to the northeast following surface topography.

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells.

3. Site Description, Operations & History



3.1 General Site Description

3.1.1 Real Estate Ownership Information

The Subject Property consists of 15 parcels identified by the Fresno County Assessor’s Parcel Numbers (APNs) summarized in Table 3-1. According to property records obtained from the Fresno County Assessor’s Office by EDR and from the Client, the Subject Property is owned by a single owner and zoned as described in Table 3-1 below.

Table 3-1 – Subject Property Parcels and Ownership

Assessor’s Parcel Number (APN)	Zoning	Owner
028-060-34T	Not Reported	Westlands Water District
028-060-69ST	Not Reported	Westlands Water District
028-060-70ST	Not Reported	Westlands Water District
028-060-71ST	Not Reported	Westlands Water District
028-060-72ST	Not Reported	Westlands Water District
028-101-15ST	Not Reported	Westlands Water District
028-101-17ST	Not Reported	Westlands Water District
028-101-19ST	Not Reported	Westlands Water District
028-101-29ST	Not Reported	Westlands Water District
028-101-58ST	Not Reported	Westlands Water District
028-101-65ST	Not Reported	Westlands Water District
028-101-69ST	Not Reported	Westlands Water District
028-101-72ST	Not Reported	Westlands Water District
028-101-74ST	Not Reported	Westlands Water District
028-101-77ST	Not Reported	Westlands Water District

3.1.2 Subject Property Layout

The Subject Property consists of 15 parcels totaling approximately 1,240 acres of land.

The Subject Property is comprised of primarily vacant land covered with dirt, grasses, and low brush along the roadways. No buildings were observed on the Subject Property during ERM's site visit. The Site is not fenced and access to the Subject Property is unrestricted. West Mannington Avenue and South Ohio Avenue are paved roadways that span the Site. Additionally, two unnamed dirt roadways span the Site.

During the site visit, ERM observed an underground water line access vault and concrete piping that appear to be associated with irrigation activities located along the north side of West Mannington Avenue. An electrical transmission line crosses the southern tip of the Site.

A temporary water storage tank trailer and a plastic, portable tank containing chelated zinc solution with EDTA fertilizer was located in the northwestern corner of the Site at the time of the Site visit.

One dirt pit is located in the central western portion of the Site, adjacent to the western-most dirt roadway that spans the Site. Additionally, a high power voltage line runs east to west along the southern Site boundary. ERM did not observe any indication of the boring drilled, plugged and abandoned by SWEPI, LP in 1950.

Miscellaneous small quantities of trash and debris were observed in isolated portions of the Subject Property including a pile of tractor tires, car tires, plastic debris and rock/fill piles. The general layout of the Subject Property is illustrated on Figure 2. Representative Site Photographs are provided in Appendix A.

3.2 Current Site Operations

The Subject Property consists of vacant agricultural land, with no current operations except for agriculture.

3.3 Historical Site Operations

3.3.1 Historical Summary

Historical research indicates that the Subject Property was predominantly undeveloped and/or agricultural land with no visible structures from the early 1900s through the present. The adjacent properties are depicted as undeveloped or agricultural land. No structures and/or dwellings appear on the topographic maps or aerial photographs of the Site. It appears that the Site was undeveloped land until the 1950s, when the entire Site was used for agriculture. The Site has generally remained in the same configuration, with the exception of some irrigation development in the 1970s.

ERM was unable to obtain completed owner/operator questionnaires.

3.3.2 Evaluation of Historical Information Sources

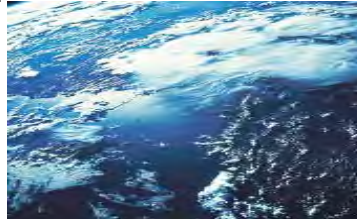
To determine past uses of the Subject Property and surrounding properties, ERM reviewed historical sources of information as outlined in the References section of this report (Section 7). Copies of pertinent historical sources are also appended.

Table 3-1 Historical Timeline

Timeframe	Discussion
1923 - 1948	According to the 1923, 1947 and 1948 topographic maps and the 1937 and 1946 aerial photographs, the Subject Property is primarily undeveloped on the western portion of the site and used for agriculture on the eastern portion of the Site.
1950 - 1960	According to the 1950 and 1960, the Site was developed as agricultural land. According to the California Division of Oil, Gas and Geothermal Resources (DOGGR), the Site had an exploratory boring by SWEPI, LP drilled on 20 July 1950 and was plugged and abandoned that same year. Aerial photographs do not depict any structure or well pad at this location.

Timeframe	Discussion
1971 - 2005	According to the 1971, 1981, 1998, 2005 and 2009 aerial photographs and the 1984 topographic maps, the Site is agricultural and relatively unchanged with the exception of the dirt area cleared for an irrigation development in the central portion of the Site.
2009 - 2012	Based on the 2009 and 2012 aerial photographs, the Site remained in the same general configuration with the dirt area that was formerly cleared appears overgrown.
Present	Observations made at the time of ERM's Site inspection are discussed throughout this report.

4. Site Environmental Operations & Regulatory Review



4.1 Hazardous Material Use and Storage

No hazardous materials were observed on the Subject Property at the time of the Site inspection.

4.1.1 *Underground Storage Tanks (USTs)*

No visual indication of the potential presence of USTs was noted by ERM during the Site visit. The EDR report obtained by ERM did not list USTs on or adjacent to the Subject Property.

4.1.2 *Aboveground Tanks (ASTs)*

A temporary water storage tank trailer and a plastic, portable AST containing chelated zinc solution with EDTA, a fertilizer, was located in the northwestern corner of the Site during the Site visit. The EDR report listed one AST on an adjacent property south of the Site that is discussed in more detail in section 5.4 of this report.

No evidence of a spill or release regarding these ASTs were observed at the time of the Site visit.

4.2 Waste Management

4.2.1 *Hazardous Waste*

No hazardous waste was observed at the Site during ERM's site visit. The Site is not listed as a hazardous waste generator in the federal and state records searched by EDR.

4.2.2 *Non-Hazardous Waste*

ERM observed evidence of small-scale illicit solid waste dumping including a pile of tractor tires, car tires and plastic debris and rock/fill piles on the Subject Property.

4.2.3 *Other Regulated Waste*

No other regulated waste was observed at the Site during ERM's site visit.

4.3 Water Supply, Wastewater and Storm Water

4.3.1 *Water Supply*

During the site visit ERM observed an underground irrigation pipe access vault along the north side of West Mannington Avenue; however, according to the Site representative, the Subject Property does not current receive water for irrigation.

4.3.2 *Wastewater*

No sources of wastewater were observed at the Site during ERM's site visit.

4.3.3 *Storm Water*

No storm water drains were observed at the Site during ERM'S site visit. Storm water is anticipated to infiltrate into Site soils.

4.4 **Air Emissions**

4.4.1 *Air Emissions Sources and Permitting*

No sources of air emissions were observed at the Site during ERM'S site visit.

4.5 **Polychlorinated Biphenyls (PCBs)**

ERM inspected the Subject Property for types of equipment that have been historically associated with the use of polychlorinated biphenyls (PCBs) as a dielectric fluid coolant and stabilizer. Some examples of the types of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, and high voltage liquid filled switches.

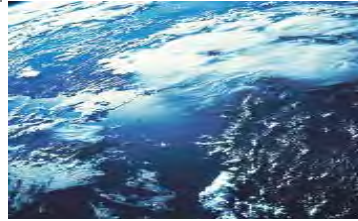
ERM did not observe any potentially PCB-containing equipment. No spills, leaks, or stains were observed on the Site.

4.6 **Asbestos-Containing Materials**

Asbestos was banned in most friable building materials (spray applied surfacing materials and thermal system insulation) in 1978, but the Occupational Safety and Health Administration (OSHA) deems spray applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as "presumed asbestos-containing materials" (PACMs) if they are present in pre-1981 buildings (Title 29 of the Code of Federal Regulations, Parts 1910.1001 and 1926.1101).

ERM observed concrete irrigation piping along the roadways of the Subject Property. It is unclear when this concrete irrigation piping was first installed; however, if the irrigation piping is older than 1978, it has the potential to contain asbestos.

5. Surrounding Properties



5.1 Summary

Historical research indicates that the surrounding properties generally consisted of undeveloped and agricultural land. However, due to the scale of the aerial photographs it is difficult to discern small, specific details.

5.2 Current Surrounding Properties

Land use in the area of the Subject Property includes undeveloped, residential, agricultural, and light industrial. The adjoining properties and nearby land use, as observed by ERM at the time of the Site inspection, is as follows:

Table 5-2 *Current Surrounding Properties*

Direction	Discussion
North	The Subject Property is bordered to the north by agricultural land.
East	The Subject Property is bordered to the east by agricultural land, with the exception of a solar array development immediately northeast of the Site.
South	The Subject Property is bordered to the south by solar array developments and an electrical substation.
West	The Subject Property is bordered to the west by agricultural land.

5.3 Surrounding Properties Historical Summary

Historical research indicates that the land surrounding the Subject Property has also been generally undeveloped or agricultural land from at least the early 1900s through the present. An oil pumping station is first depicted in the 1920s approximately 0.5 miles north of the Subject Property. Beginning in the 1960s, several man-made water ponds appear in the vicinity of the Subject Property. Two solar power installations, an electrical substation and electrical transmission lines (running east-west) have been present to the south of the Subject Property beginning in the mid-2010s.

Access roadways are depicted throughout the surrounding area in all of the historical topographic maps and aerial photographs. Due to the scale of the historic aerial photographs it is difficult to discern specific details in the surrounding parcels.

ERM's review the EDR directory image report discovered no historical or current listed addresses in the vicinity of the Subject Property.

5.4 Adjoining Property Agency Review

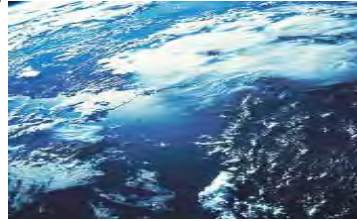
In accordance with the scope of work, a search of various governmental databases was conducted by EDR. The site-specific environmental database report was reviewed to evaluate if soil and or groundwater from an onsite and/or offsite sources of concern has the potential to impact the Subject Property. The database abbreviations are provided in the site- specific environmental database report.

One site was identified in the EDR report, within the ASTM and/or EDR search radii from the Subject Property:

- CSI Electric (also listed as Recurrent Energy Tranquility, LLC), located at 9810 South Ohio Avenue and adjacent south of the Subject property, is listed on the Aboveground Petroleum Storage Tank Facilities (AST) database, Certified Unified Program Agency (CUPA) database and the Facility and Manifest Data (HAZNET) database. The listings are described below:
 - CUPA: This listing relates to the facility being a small hazardous materials handler.
 - AST: This listing relates to the presence of a petroleum aboveground storage tank. This is likely associated with the operations at the electrical substation adjacent south of the Site.
 - HAZNET: This listings relates to having hazardous wastes transported and disposed of off-site including less than 1 ton individually (and in total) of unspecified solvent mixture, waste oil and/or mixed oil and other organic solids.

None of the nearby facility listings are indicative of a spill or release and therefore it is unlikely that these listings will pose an impact to the Subject Property.

6. Conclusions



ERM has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E2247-16 of the Site (as defined in Section 1 of this report). Exceptions to, or deletions from, this practice are described in Section 1.3.4 of this report. This Phase I Environmental Site Assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

Summary of Identified Issues
ASTM E2247-16 Findings:
Recognized Environmental Conditions (RECs)²
No RECs were identified in connection with the Subject Property.
Controlled Recognized Environmental Conditions (CRECs)¹
No CRECs were identified in connection with the Subject Property.
Historical Recognized Environmental Conditions (HRECs)¹
No HRECs were identified in connection with the Subject Property.
De Minimis Issues
<i>Agricultural Pesticides and Herbicides:</i> The Subject Property has historically been used for agricultural purposes. Historical agricultural operations would typically have included the use of agricultural chemicals (e.g., pesticides, herbicides, and fertilizers). The potential presence of residual agricultural chemicals in soil or groundwater at the Site represents a <i>de minimis</i> condition.
<i>Solid Waste and Debris:</i> ERM observed small quantities of solid waste and debris throughout the margins of the Subject Property including: miscellaneous household trash, car tires and a pile of tractor tires that based on their nature and small quantities are considered a <i>de minimis</i> condition.

² Key ASTM definitions, including REC, CREC and HREC, are provided in Section 8

7. References



The following sources were used in conducting the Phase I Environmental Site Assessment detailed in this report. Where information obtained from these sources was determined to be useful by the Environmental Professional, it is summarized in the body of this report. Copies of prior environmental reports and other pertinent documents are appended.

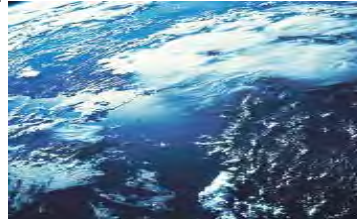
Table 7-1 Regulatory Agency Review

Agency/Company	Person Contacted	Telephone	Regarding
Fresno County Assessor's Office 2281 Tulare St, Fresno, CA 93721	Online Database Searches	N/A, Online	Site ownership information.
Fresno County Environmental Health Department 1221 Fulton Street, 3 rd Floor Fresno, CA 93775	EnvironmentalHealth@co.fresno.ca.us	559-600-3357	Information available concerning hazardous materials, hazardous waste, spills, releases, underground and aboveground storage tanks, landfills, septic systems and other pertinent features of potential environmental concern that may be available for the subject site and immediately neighboring properties.
EPA Envirofacts and ECHO databases	Online database	N/A, Online	Records relating to environmental permits, certifications, and notifications including compliance status. Reviewed for Site address and Surrounding Properties.
Department of Toxic Substances Control (DTSC) Envirostor database	Online database	N/A, Online	Records relating to investigation and/or cleanup actions that are planned or have been completed at permitted facilities and cleanup sites. Review for Site address and Surrounding Properties.
State Water Resource Control Board (SWRCB) GeoTracker database.	Online database	N/A, Online	Records relating to investigation and/or cleanup actions that are planned or have been completed at permitted facilities and cleanup sites. Review for Site address and Surrounding Properties.
Central Valley Regional Water Quality Control Board	Via Fax, 559-445-5910	N/A, Fax	Records relating to investigation and/or cleanup actions that are planned or have been completed at permitted facilities and cleanup sites. Review for Site address and Surrounding Properties. Additionally, the presence of water wells.
Environmental Data Resources, Inc. 6 Armstrong Road, 4 th Floor Shelton, CT 06484	NA	800-241-6476	Environmental Database Search Report, topographic maps, aerial photographs, city directories, and fire insurance maps.
Internet resources	NA	NA	Aerial photographs (Google EarthPro Site database searches http://www.epa.gov/echo/ ;

Table 7-2 Summary of Historical Sources Reviewed

Agency/Source of Information	Data Provided	Years Reviewed (if applicable)	
		Subject Property	Surrounding Properties
Westlands Water District	General information	Current	Not Available
Interview(s) with past owners/occupants, (if appropriate)	Operational information for prior uses	Not Available	Not Available
Interview(s) with owner/occupants of neighboring and nearby properties (in cases of abandoned Subject Property)	None	Not Applicable	Not Applicable
USGS Topographic Maps	Topographic Maps	1923, 1946, 1947, 1948, 1956, 1971 and 1984	1923, 1946, 1947, 1948, 1956, 1971 and 1984
EDR	Sanborn Fire Insurance Maps	No coverage	No coverage
EDR	City Directories	No coverage	No coverage
EDR	Aerial Photographs	1937, 1946, 1950, 1960, 1971, 1981, 1998, 2005, 2009, 2010 and 2012	1937, 1946, 1950, 1960, 1971, 1981, 1998, 2005, 2009, 2010 and 2012
Google Earth	Aerial Photograph	2017	2017

8. Limitations and Other Considerations



8.1 General Limitations

There are a number of exclusions and limitations associated with this assessment. These are briefly outlined below:

- This report has been prepared by ERM exclusively for Client and may not be relied upon by any other recipient, person or entity (together, henceforth, “Other Recipient”) without ERM’s express, written permission. ERM makes no warranties or representations to any Other Recipient and has no obligation to advise any Other Recipient regarding changes to this report or changes in applicable laws and regulations subsequent to the date of this report. In receiving this report, any Other Recipient agrees that that (a) it will make no claim against ERM that relates in any way to this report, or the Other Recipient’s access to this report, and (b) to the fullest extent permitted by applicable law, Other Recipient hereby releases ERM from, and will defend and hold harmless ERM from and against, any claim, action, suit, damage, loss, award, liability, expense, cost, or fees including attorneys’ fees arising from or relating to any use or disclosure of the report or any portion thereof by Other Recipient or any third party to whom Other Recipient discloses the Report. Notwithstanding the foregoing, if requested, ERM will issue reliance letters allowing lenders or other interested parties to rely on the contents of this report, in accordance with ERM’s terms and conditions, for financing or other purposes.
- ERM is an environmental consulting firm, and as such, we make no representations regarding questions of legal or accounting interpretation. Consultation with an attorney and/or certified accountant should be made with respect to any legal or accounting matters, or items that require such interpretation, under any law, regulation or contract.
- ERM did not independently verify information on publicly available databases. Therefore our findings are accurate and complete only to the extent that information provided to ERM was itself accurate and complete.
- The conclusions presented in this report represent ERM’s professional judgment based on the information made available to us during the course of this assessment and are true and correct to the best of ERM’s knowledge as of the date of this report.
- No sampling or testing of soils, waters or other materials was included as part of this assessment. However, reference may have been made to previous testing and sampling, as appropriate.
- Unless otherwise stated within this report, ERM has assumed that the Site will continue to be used for current purposes. ERM’s assessment does not include provision for Site closure or change in land use, unless expressly stated above.
- State-specific regulations related to property transfer (or ownership changes) may apply to the proposed transaction. Costs related to compliance with these State requirements were not included in ERM’s Assessment.
- Unless otherwise stated, ERM assumes the User (as defined in E2247-16) is the Client.

8.2 ASTM Limitations

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct an all appropriate inquiry with respect to the Site. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the Site. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the Site. Results of this assessment are based upon the visual Site inspection of readily accessible areas of the Site conducted by ERM personnel, information from interviews with knowledgeable persons regarding the Site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the Site represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

8.3 Other Considerations

8.3.1 *Environmental Database Search*

ERM contracted EDR to conduct a database search for agency records. The appended database report defines and summarizes the ASTM databases reviewed in the EDR report and notes if any listed facilities (including the Subject Property) were identified in the specified radius. The locations of the listed facilities identified in the EDR report were evaluated to determine which listed facilities were located within the ASTM specified search distance from the Subject Property boundary. Only those listed facilities worthy of further discussion are discussed within the applicable sections of this report and data on additional listed facilities is included in the appended EDR database report.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately ± 300 feet. The EDR report provides a list of unmapped facilities for which inadequate location information was provided. ERM has reviewed the list of "unmapped" listed facilities to determine if these listed facilities are within the study radius. If the "unmapped" listed facilities appeared likely to be within the search radius for a specific database, they are discussed in the applicable sections of this report.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the Subject Property. The criteria used to evaluate the potential for adverse impact to the Subject Property include:

- Distance from the Subject Property;
- Expected depth and direction of groundwater and surface water flow;
- Geology and physical ground conditions;
- Expected storm water flow direction;

- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators; and
- The current regulatory status of the listing.

The identification of a listed facility as potentially upgradient or downgradient is based on the expected direction of groundwater flow referenced in Section 2.3.

8.3.2 User Provided Information

ERM contacted the User with respect to the following information:

- An evaluation of the presence of Environmental Cleanup Liens for the Subject Property;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the Subject Property;
- Specialized Knowledge that includes personal knowledge or experience related to the Subject Property or nearby properties based on professional experience or knowledge of the Subject Property;
- Fair Market Value to evaluate whether a purchase price is significantly below Fair Market Value;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the Subject Property; and
- Common Knowledge about specific chemicals, possible contamination, or past use of the Subject Property and surrounding area.

Relevant information provided by the User is summarized under the appropriate headings of this report, and in the following table:

Table 7-1 User-Provided Information

User Request	Response
Environmental cleanup liens	The User is not aware of environmental liens currently recorded against the Site. User did not request that ERM perform an independent evaluation of environmental liens for the Site.
Activity and Use Limitations (AULs) and land use restrictions or institutional controls	The User is not aware of AULs and/or land use restrictions currently recorded against the Site.
Specialized knowledge	The User has no specialized knowledge of the Site other than what was provided to ERM as discussed under the relevant sections of this report. User provided ERM access and information obtained from the data room is summarized throughout this report. ERM is not aware of additional specialized knowledge for the Site.
Fair market value	The User is not aware of a devaluation of the purchase price or fair market value of the Site in association with environmental conditions at, on, or under the Site.
Obvious indicators that involve past or present spills, stains releases or cleanups	The User was not aware of any obvious indicators that involve past or present spills, stains, releases, or cleanups.
Common knowledge about specific chemicals, possible contamination, or past use	Information and documentation, including previous environmental investigations was provided to ERM in the form of access to an electronic database and is presented throughout this report in the relevant report sections and appendices.

8.4 Key ASTM Definitions

ASTM E2247-16 prescribes the following definitions:

Recognized Environmental Condition (REC): “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment...”

Controlled REC (CREC): “...a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)...”

Historical REC: “...a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria)...”

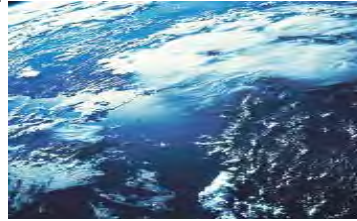
De minimis condition: “...a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies...”

Data gap: “...a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to Site reconnaissance (for example, an inability to conduct the Site visit), and interviews (for example, an inability to interview the key Site manager, regulatory officials, etc.)...”

Data failure: “...a failure to achieve the historical research objectives...even after reviewing the standard historical sources ... that are reasonably ascertainable and likely to be useful...”

User: “...the party seeking to use Practice E2247 to complete an environmental Site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice...”

9. Environmental Professional Certification



This Phase I Environmental Site Assessment was conducted by Mr. Kevin Almestad of ERM. Mr. Giorgio Molinario and Mr. Steve Williams reviewed the contents of this report. The professional qualifications for Mr. Almestad, Mr. Molinario and Mr. Williams are appended to this report. Mr. Molinario, and Mr. Williams meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and have prepared the following declaration and signed in accordance below.

- I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

A handwritten signature in black ink that reads "Steve Williams".

Steve Williams
Partner and Environmental Professional

A handwritten signature in blue ink that reads "Giorgio Molinario".

Giorgio Molinario
Project Manager and Environmental Professional

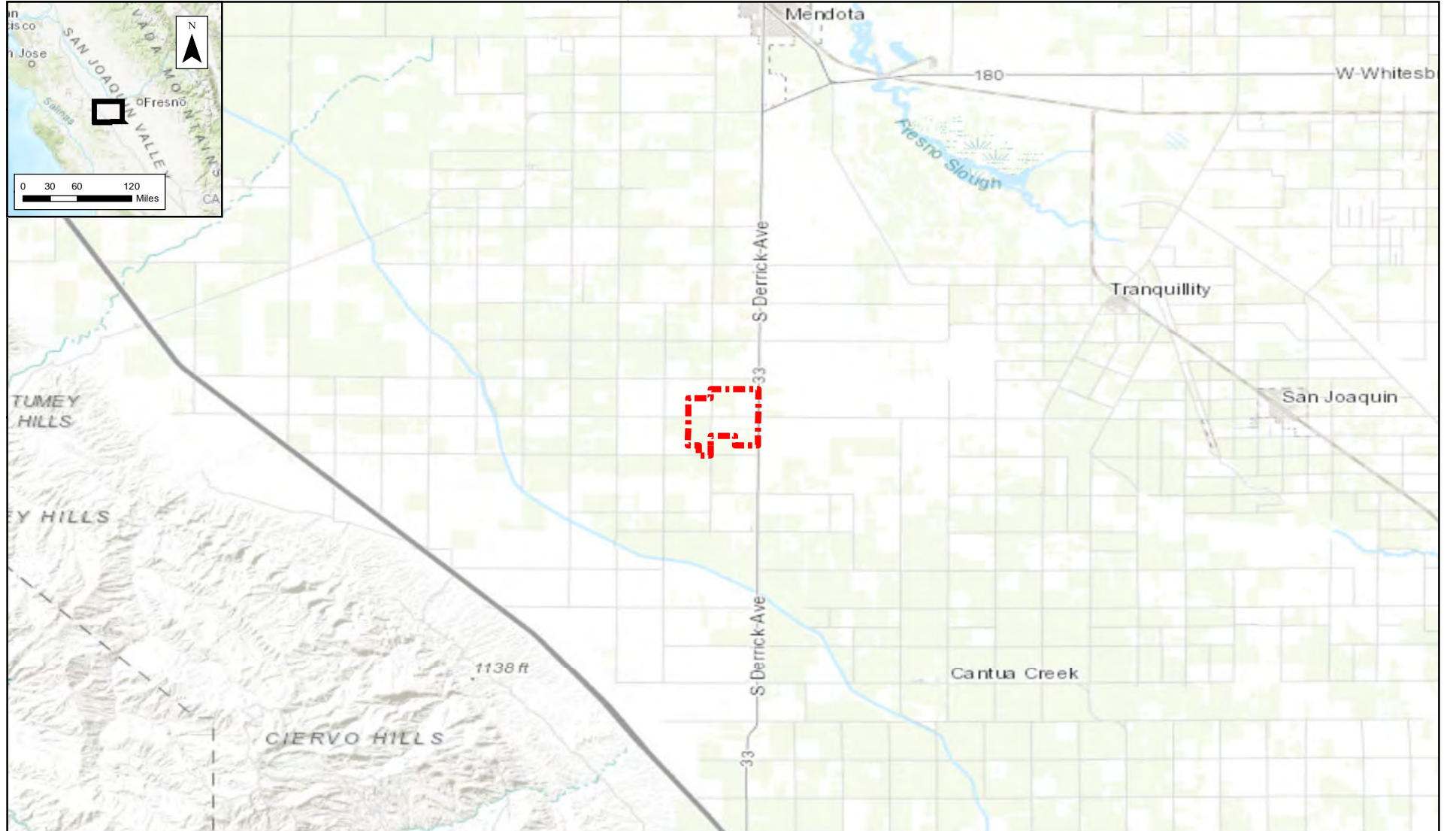
A handwritten signature in black ink that reads "Kevin Almestad".

Kevin Almestad
Site Assessor

ERM
114 Sansome Street, Suite 750
San Francisco, CA 94104

Figures





Legend
 Subject Property Boundary

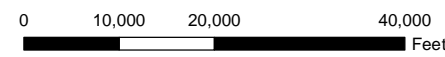
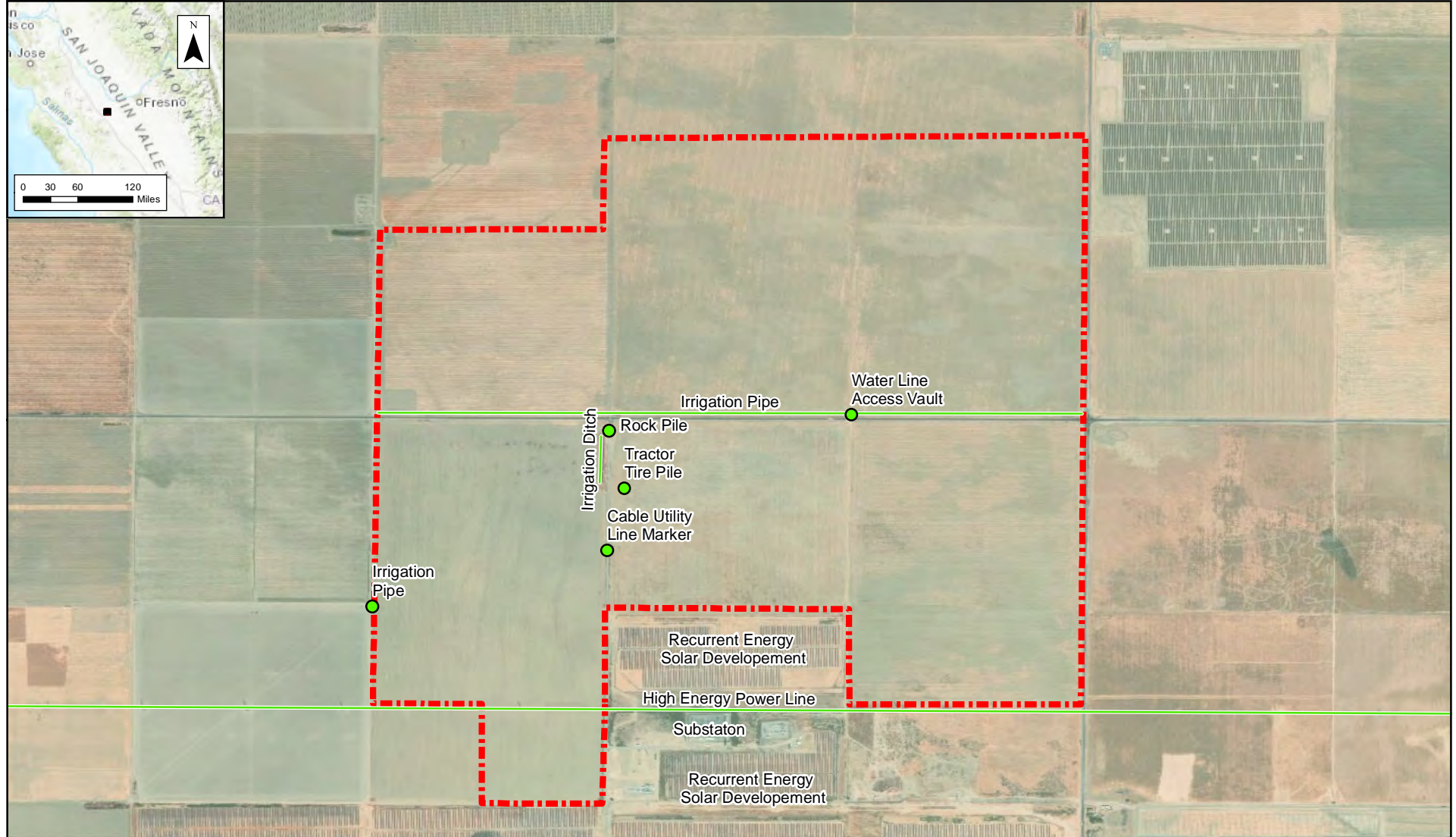




Figure 1
Site Location Map
 SunPower Luna Valley



- Legend**
-  Subject Property Boundary
 -  Site Features

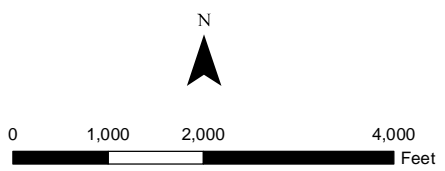


Figure 2
Site Layout Map
 SunPower Luna Valley

**Appendix A
Site Photographs**






Photograph: 1 | General view of the northern portion of the Site, taken from the northwest corner of the Site, looking east.



Photograph: 2 | View of portable water tank and piping for the adjacent site irrigation development located in the northwestern corner of the Site.

	SunPower Luna Valley West Mannington Avenue, Cantua Creek, CA
ERM Project Number 0423764 Date: 4 January 2018 29 March 2018	



Photograph: 3 General view of the western portion of the Site, taken from the south end of the Site, looking northwest.



Photograph: 4 View of rock and fill located in the central portion of the Site



SunPower Luna Valley
West Mannington Avenue, Cantua Creek, CA

ERM Project Number 0423764 Date: 4 January 2018 29 March 2018



Photograph: 5 | General view of the southern portion of the Site, taken from the south end of the Site, facing east.



Photograph: 6 | View of underground water line access vault and irrigation piping.



Photograph: 7 | General view of the central portion of the map, taken from the central eastern portion of the Site, looking west.



Photograph: 8 | General view of the Site taken from the north end, looking south.



Photograph: 9 | General view of the central portion of the Site, taken from the central roadway (W Mannington Avenue), looking east.



Photograph: 10 | General view of the northern portion of the site, taken from central roadway (W Mannington Avenue), looking northeast.



**SunPower Luna Valley
West Mannington Avenue, Cantua Creek, CA**

ERM Project Number 0423764 Date: 4 January 2018 29 March 2018



Photograph: 11 General view of the central portion of the Site, taken from the central roadway (W Mannington Avenue), looking west.



Photograph: 12 View of former irrigation piping access/pump location, located in the south central portion of the Site.



SunPower Luna Valley
West Mannington Avenue, Cantua Creek, CA

ERM Project Number 0423764

Date: 4 January 2018 29 March 2018



Photograph: 13 View of irrigation piping access/pump location, located in the central western portion of the Site.



Photograph: 14 View of the fertilizer solution tank located in the northwestern portion of the Site.



SunPower Luna Valley
West Mannington Avenue, Cantua Creek, CA

ERM Project Number 0423764

Date: 4 January 2018 29 March 2018



Photograph: 15 View of pile of car and tractor tires located in the central southern portion of the Site.



SunPower Luna Valley
West Mannington Avenue, Cantua Creek, CA

ERM Project Number 0423764 Date: 4 January 2018 29 March 2018

Appendix B
Historical Sources



Sunpower Luna Valley

Sunpower Luna Valley

Mendota, CA 93640

Inquiry Number: 5140099.19

December 18, 2017

EDR Historical Topo Map Report with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

12/18/17

Site Name:

Sunpower Luna Valley
Sunpower Luna Valley
Mendota, CA 93640
EDR Inquiry # 5140099.19

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597
Contact: Kevin Almestad



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ERM - West, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.#	NA	Latitude:	36.604314 36° 36' 16" North
Project:	Sunpower Luna Valley	Longitude:	-120.4029 -120° 24' 10" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	732294.80
		UTM Y Meters:	4054119.62
		Elevation:	206.00' above sea level

Maps Provided:

- 1984
- 1971
- 1956
- 1948
- 1947
- 1946
- 1923

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

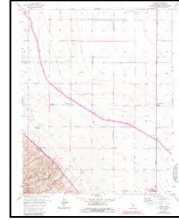
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Cantua Creek
1984
7.5-minute, 24000
Aerial Photo Revised 1981



Coit Ranch
1984
7.5-minute, 24000
Aerial Photo Revised 1981

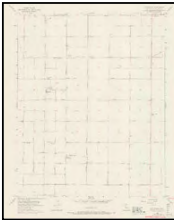


Levis
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Aerial Photo Revised 1981

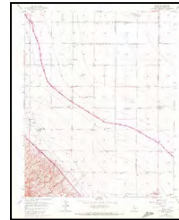


Tranquillity
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7.5-minute, 24000
Aerial Photo Revised 1981

1971 Source Sheets



Coit Ranch
1971
7.5-minute, 24000
Aerial Photo Revised 1971



Levis
1971
7.5-minute, 24000
Aerial Photo Revised 1971

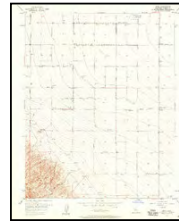


Cantua Creek
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7.5-minute, 24000
Aerial Photo Revised 1971

1956 Source Sheets



Tranquillity
1956
7.5-minute, 24000
Aerial Photo Revised 1950



Levis
1956
7.5-minute, 24000
Aerial Photo Revised 1955



Cantua Creek
1956
7.5-minute, 24000
Aerial Photo Revised 1955



Coit Ranch
1956
7.5-minute, 24000
Aerial Photo Revised 1955

1948 Source Sheets



LEVIS
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7.5-minute, 25000

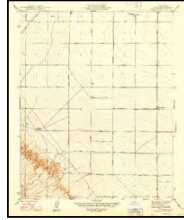
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This EDR Topo Map Report is based upon the following USGS topographic map sheets.

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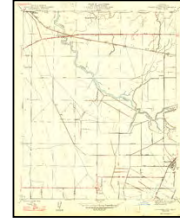
Englebrecht Ranch
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7.5-minute, 24000



Levis
1947
7.5-minute, 24000



Tufts Ranch
1947
7.5-minute, 24000



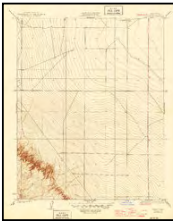
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1946 Source Sheets

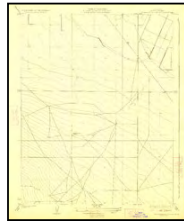


Tranquillity
1946
15-minute, 62500
Aerial Photo Revised 1946

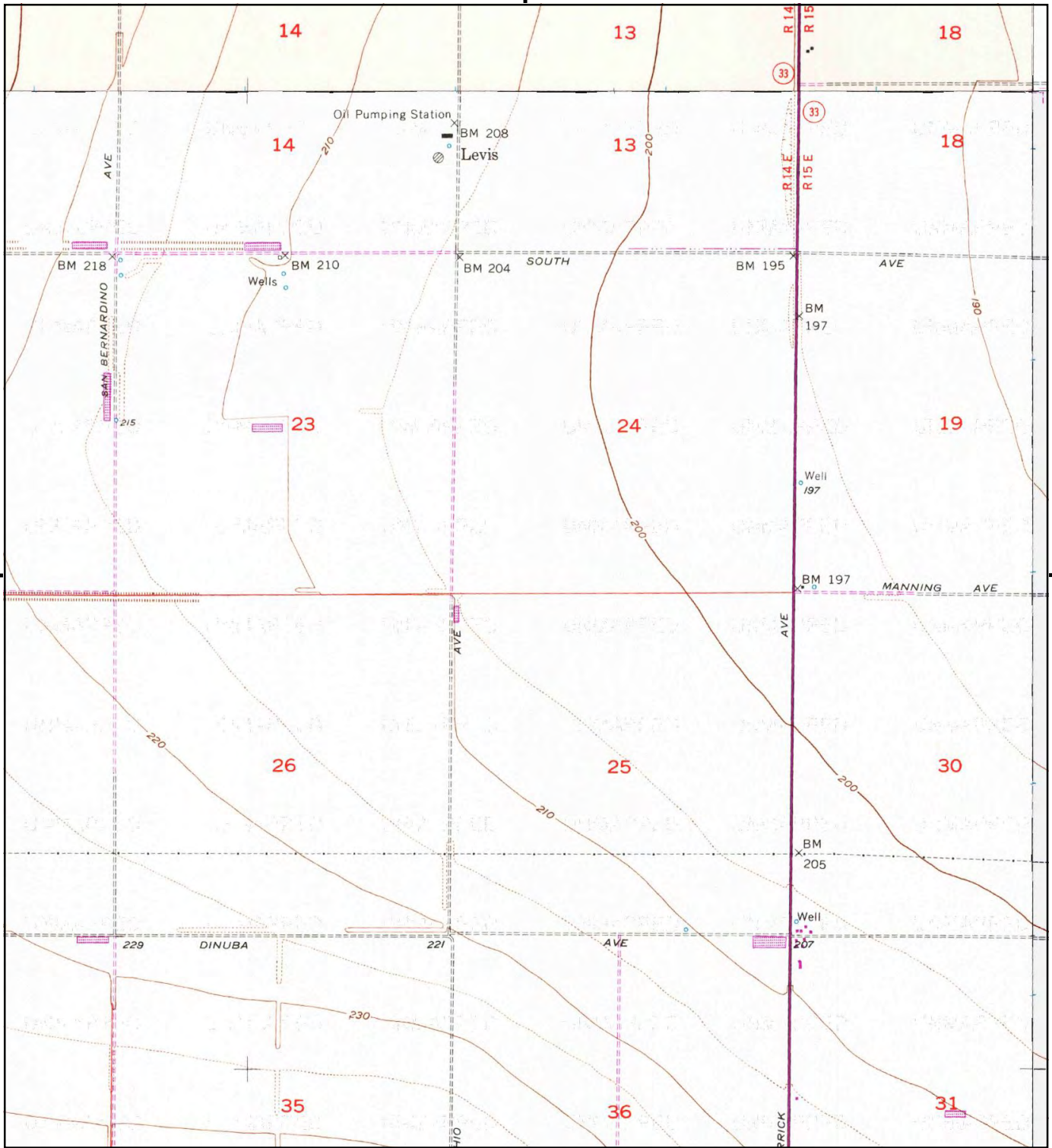
1923 Source Sheets



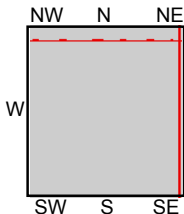
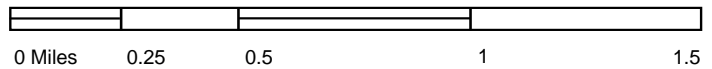
Levis
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7.5-minute, 31680



Englebrecht Ranch
1923
7.5-minute, 31680



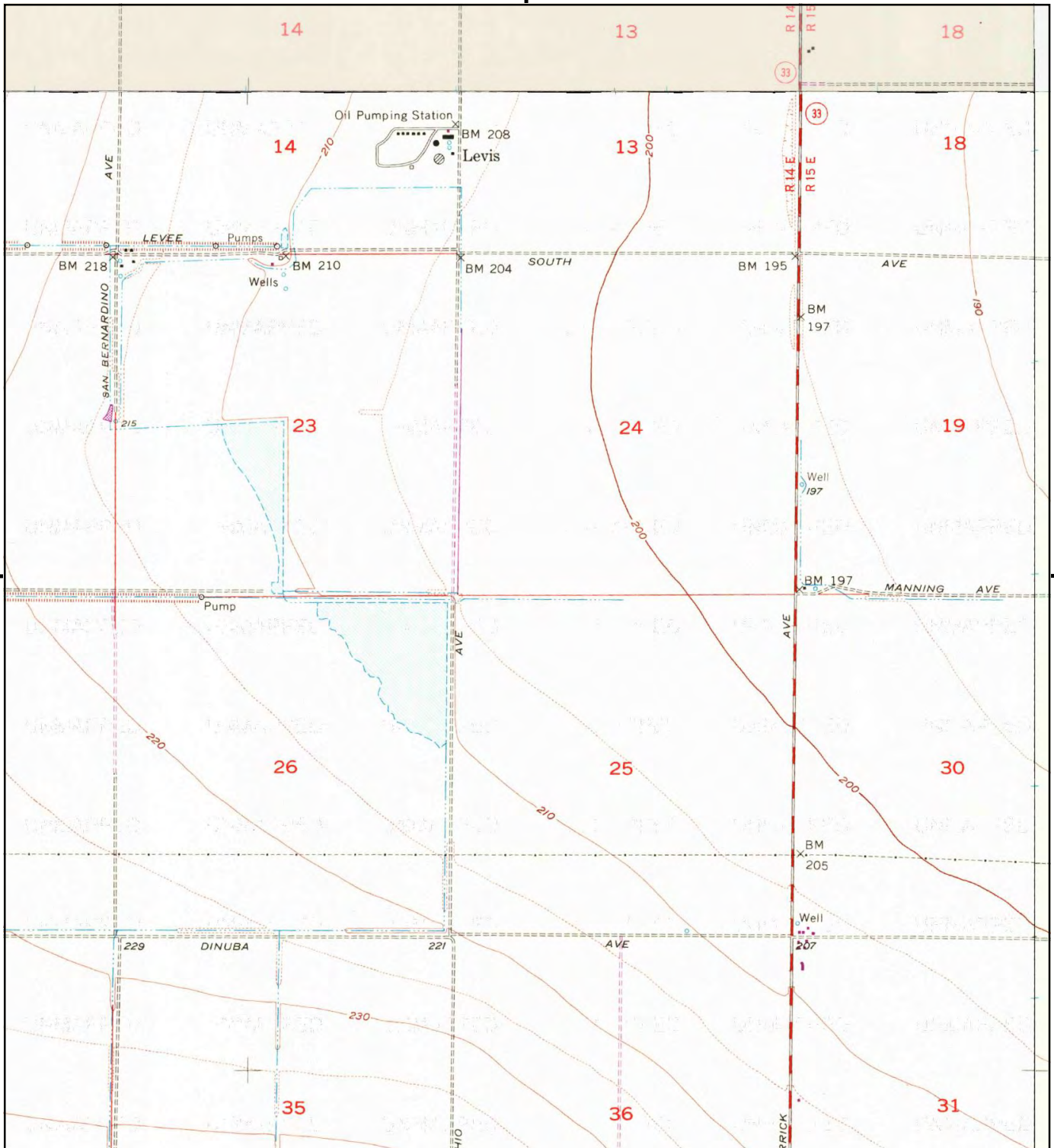
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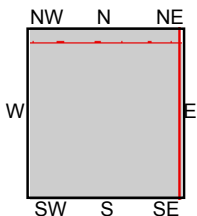
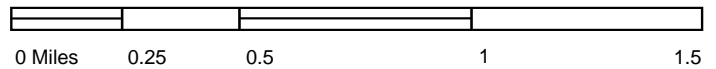
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 N, Coit Ranch, 1984, 7.5-minute
 NE, Tranquillity, 1984, 7.5-minute
 SE, Cantua Creek, 1984, 7.5-minute

SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 Mendota, CA 93640
 CLIENT: ERM - West, Inc.





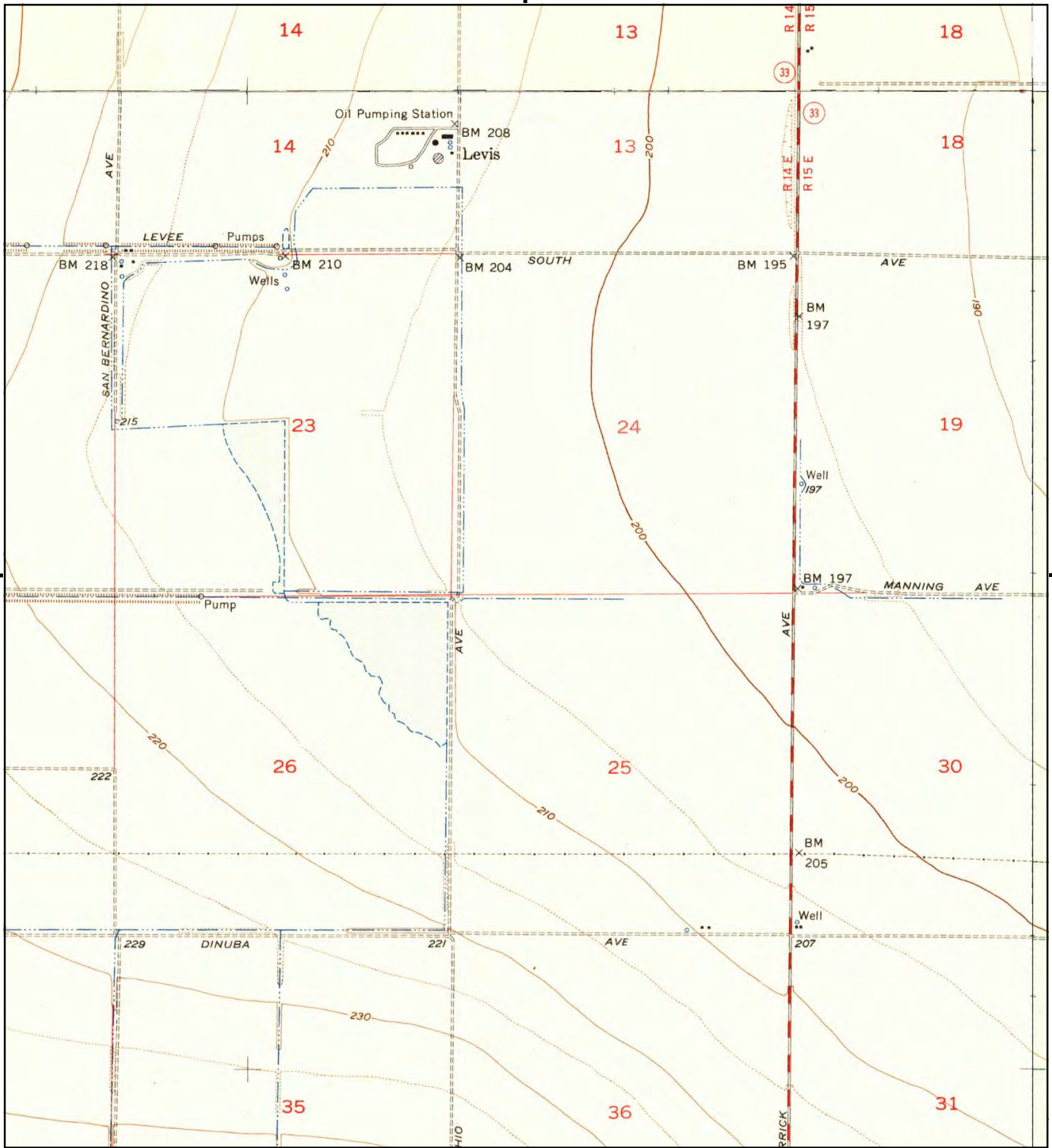
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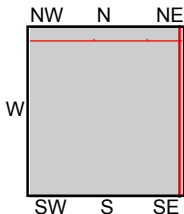
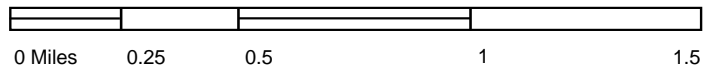
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SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 Mendota, CA 93640
 CLIENT: ERM - West, Inc.





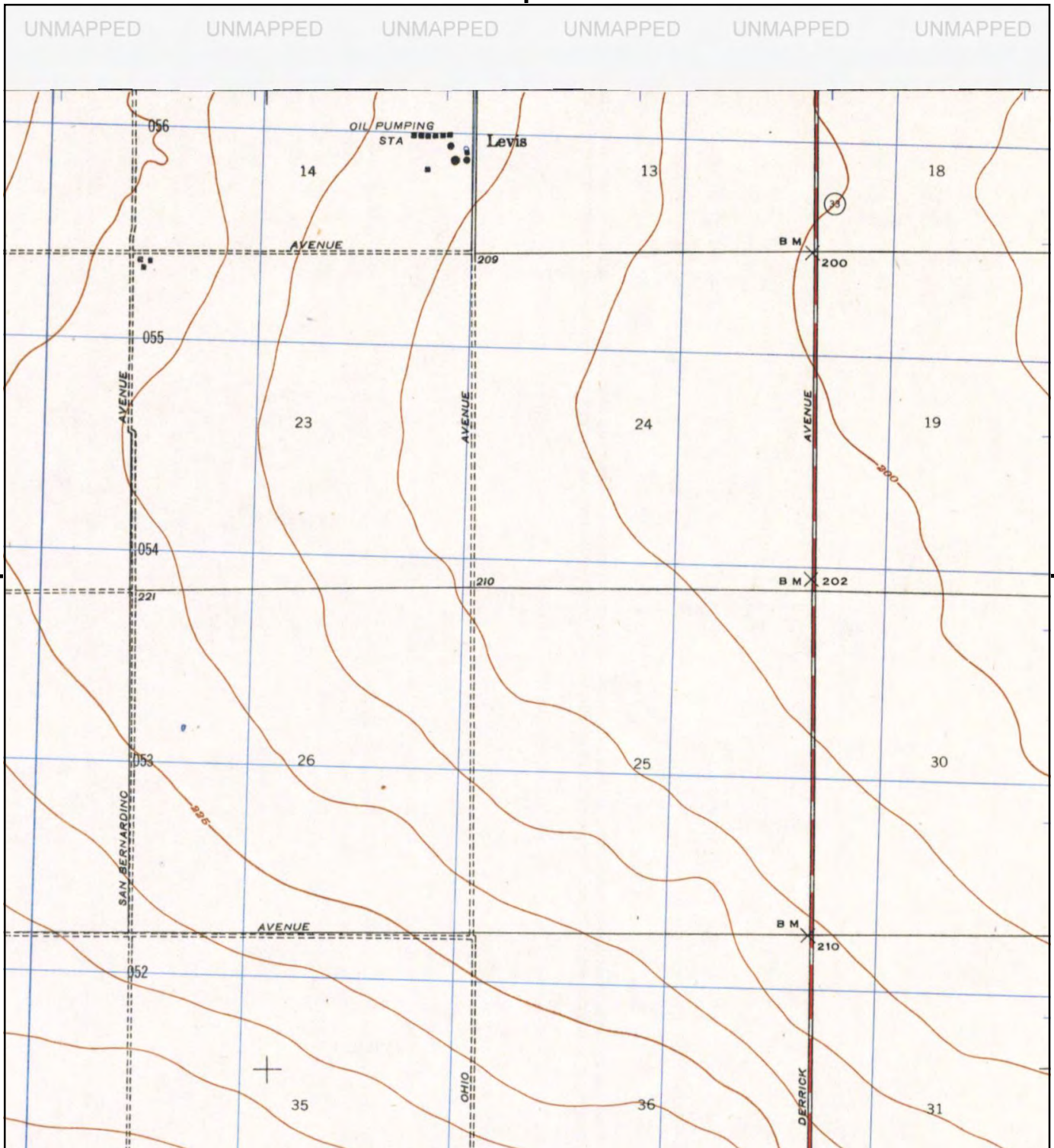
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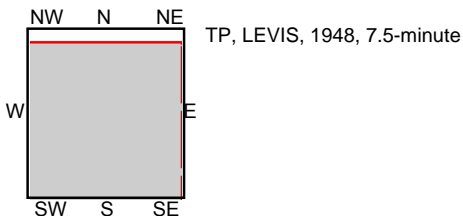
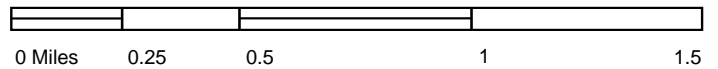
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- NE, Tranquillity, 1956, 7.5-minute
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SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 Mendota, CA 93640
 CLIENT: ERM - West, Inc.



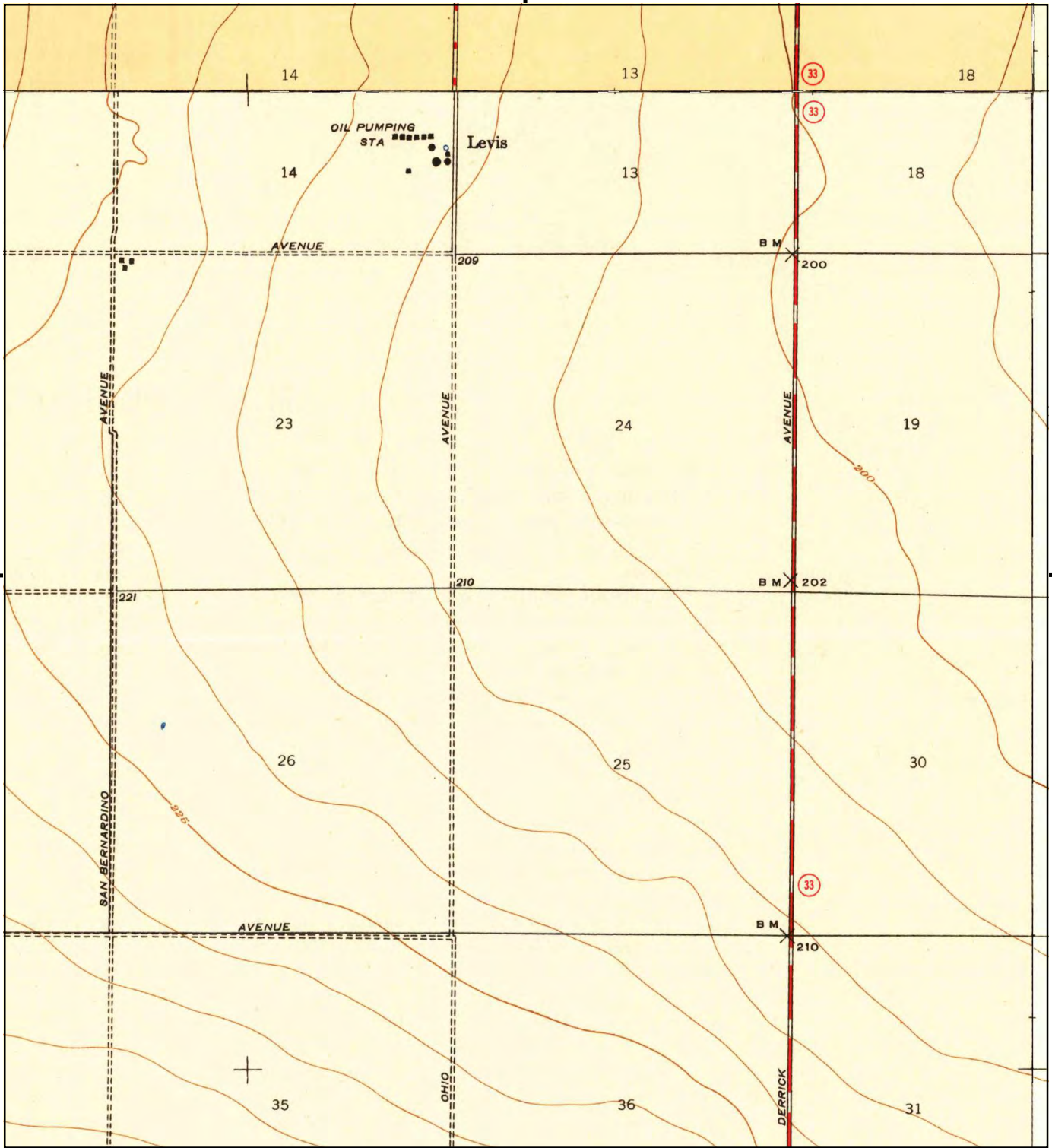


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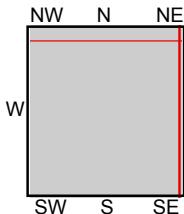
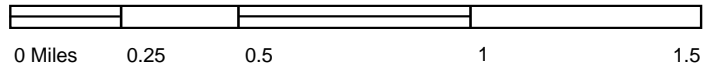


SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 Mendota, CA 93640
 CLIENT: ERM - West, Inc.





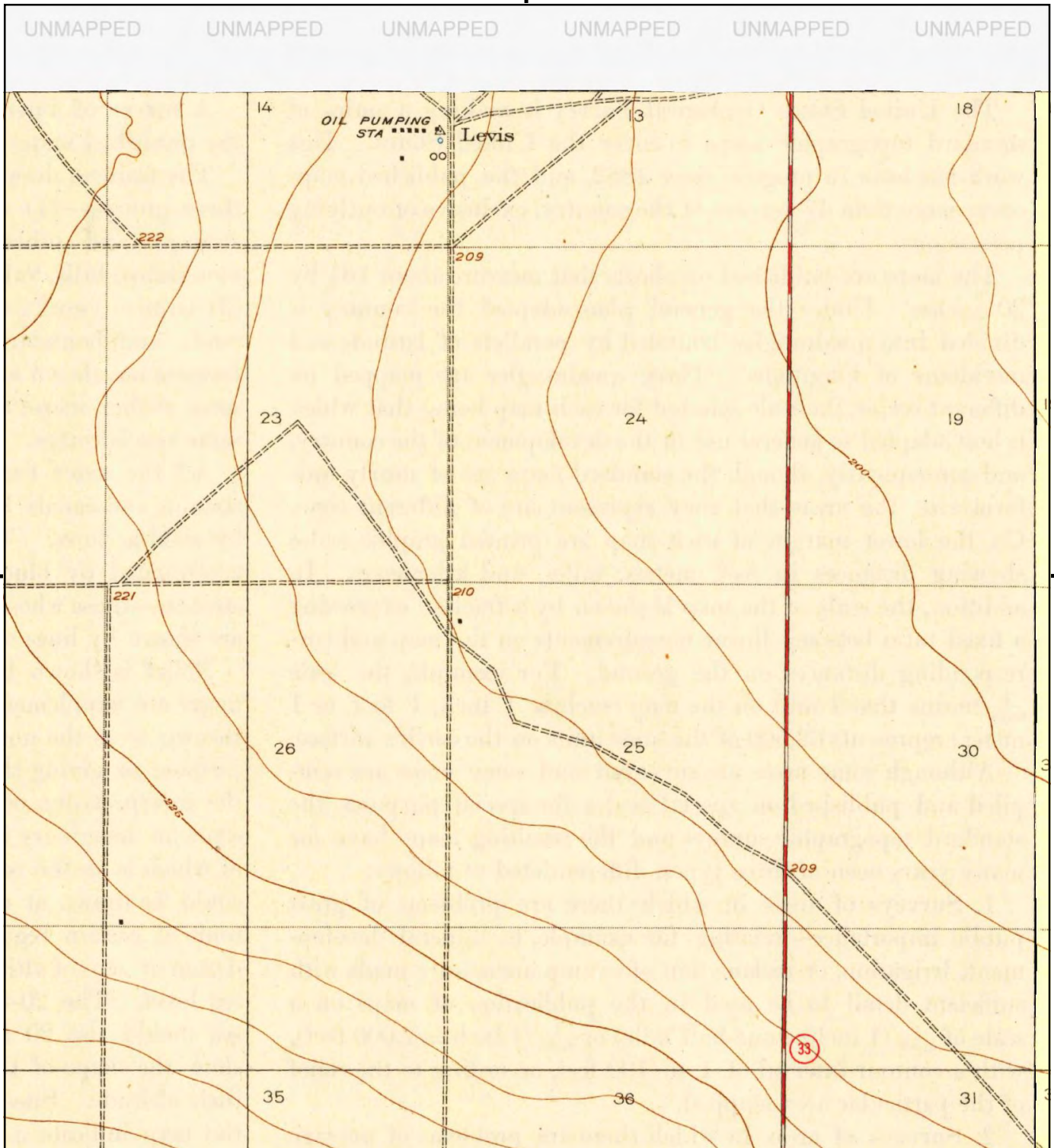
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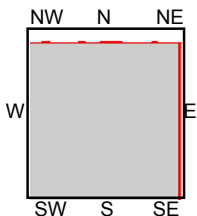
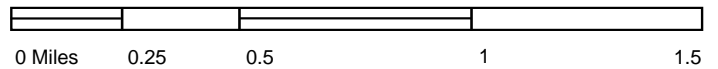
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SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 Mendota, CA 93640
 CLIENT: ERM - West, Inc.





This report includes information from the following map sheet(s).



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SE, Englebrecht Ranch, 1923, 7.5-minute

SITE NAME: Sunpower Luna Valley
ADDRESS: Sunpower Luna Valley
Mendota, CA 93640
CLIENT: ERM - West, Inc.





Sunpower Luna Valley

Sunpower Luna Valley

Mendota, CA 93640

Inquiry Number: 5140099.16

December 20, 2017

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Shelton, CT 06484
Toll Free: 800.352.0050
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12/20/17

Site Name:

Sunpower Luna Valley
Sunpower Luna Valley
Mendota, CA 93640
EDR Inquiry # 5140099.16

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597
Contact: Kevin Almestad



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=1000'	Flight Year: 2012	NAIP
2010	1"=1000'	Flight Year: 2010	NAIP
2009	1"=1000'	Flight Year: 2009	NAIP
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1971	1"=1000'	Flight Date: January 01, 1971	USGS
1960	1"=1000'	Flight Date: January 01, 1960	USAF
1950	1"=1000'	Flight Date: January 01, 1950	USDA
1946	1"=1000'	Flight Date: January 01, 1946	USGS
1937	1"=1000'	Flight Date: January 01, 1937	USDA

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INQUIRY #: 5140099.16

YEAR: 2012

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INQUIRY #: 5140099.16

YEAR: 2012

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INQUIRY #: 5140099.16

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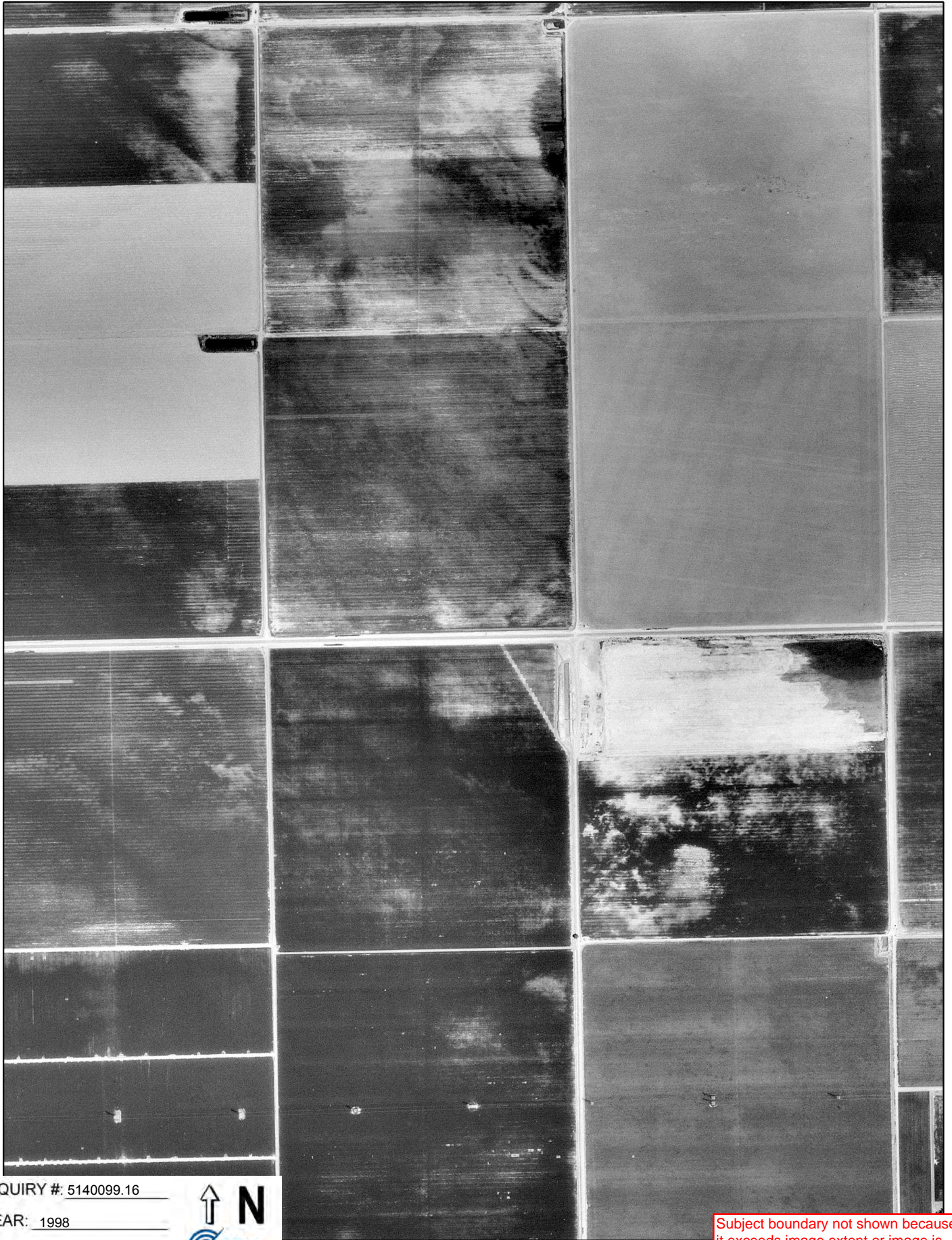
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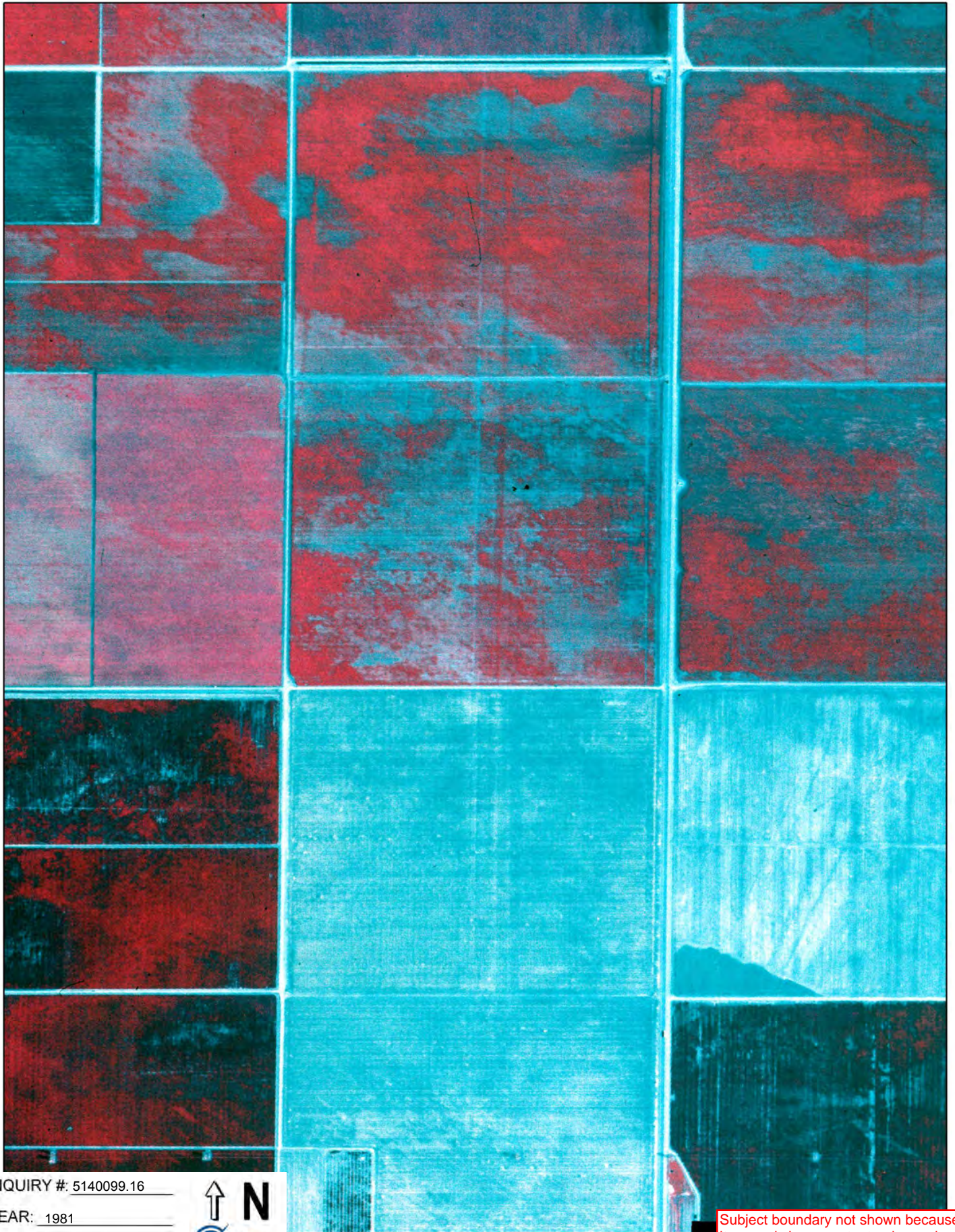
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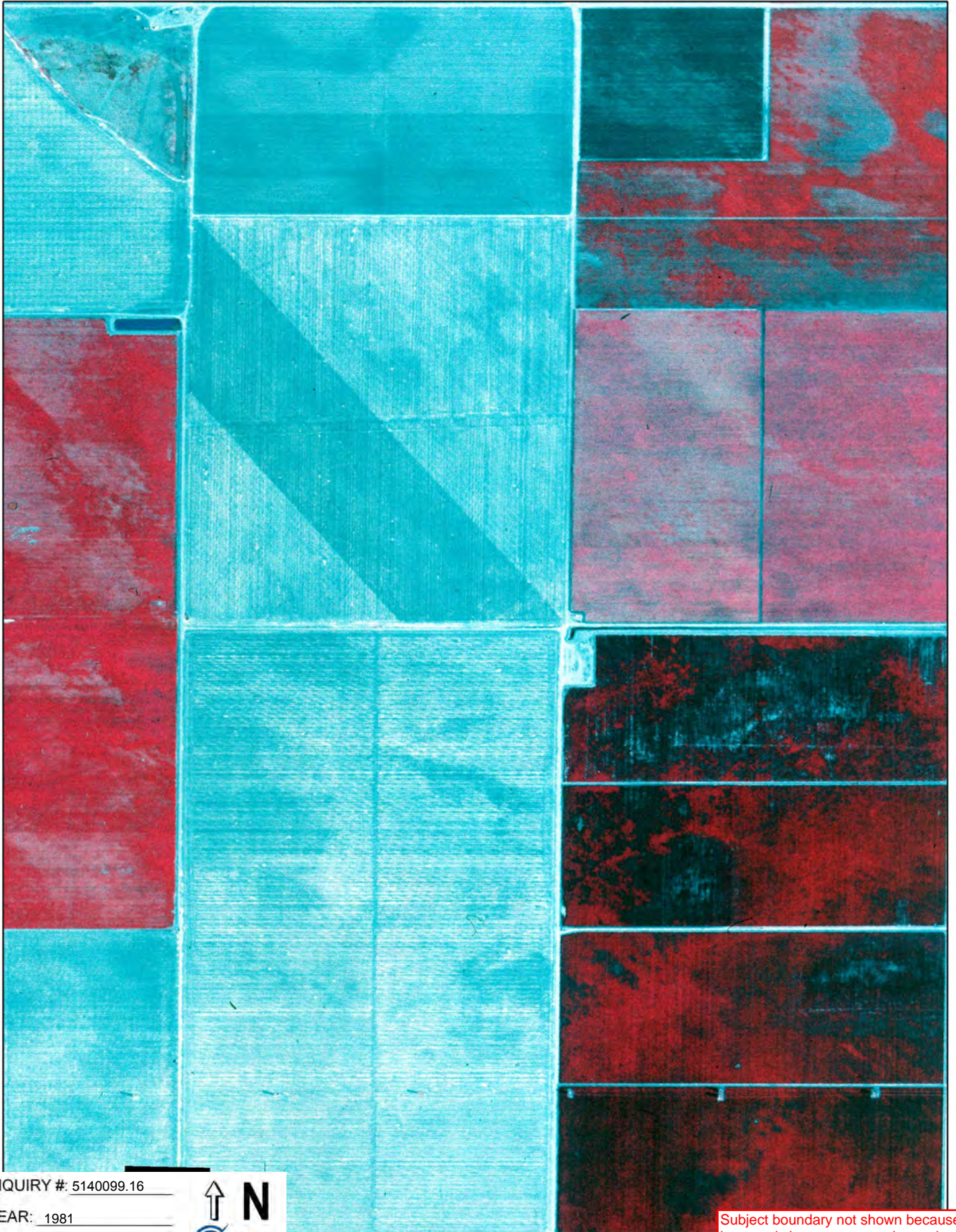
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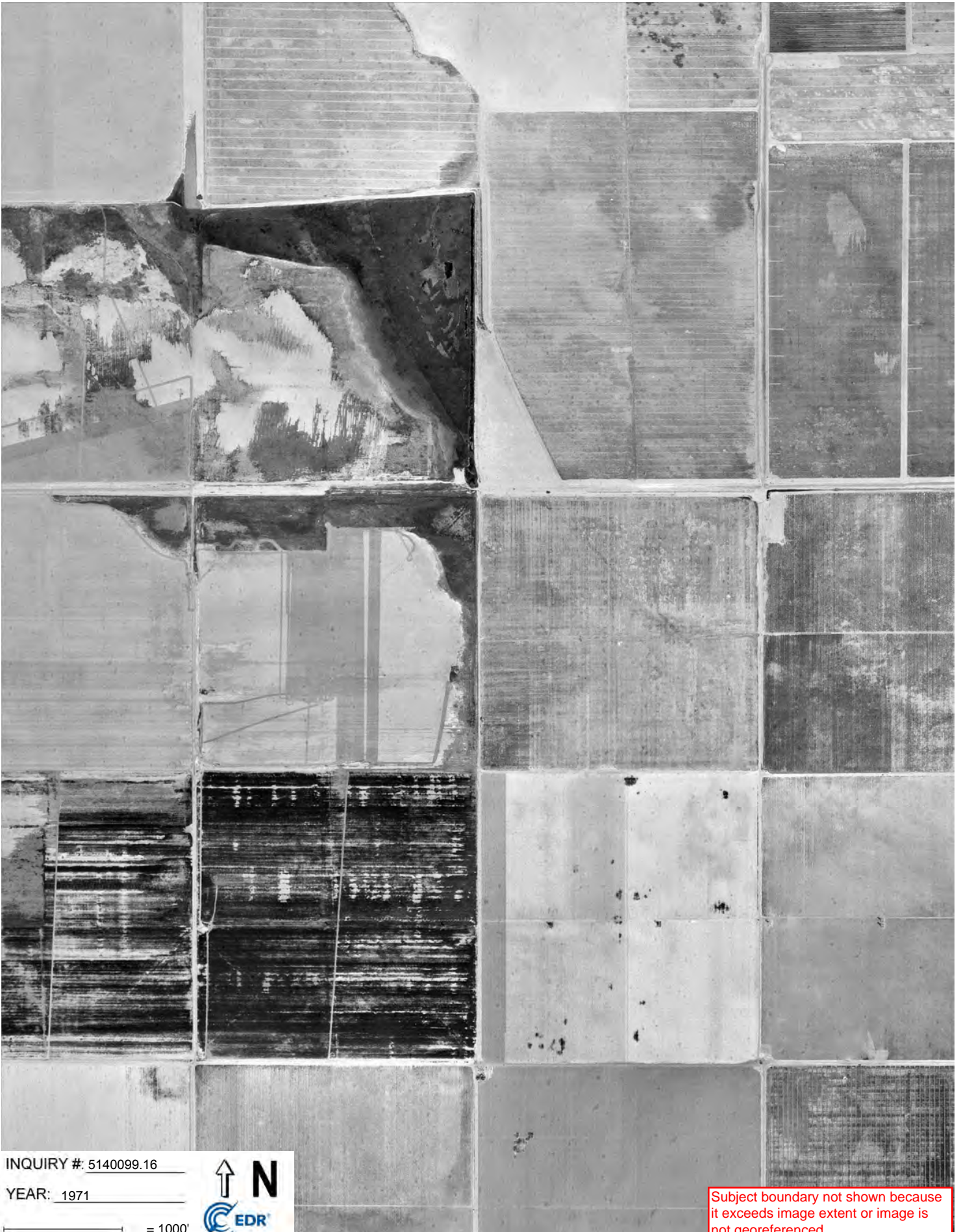
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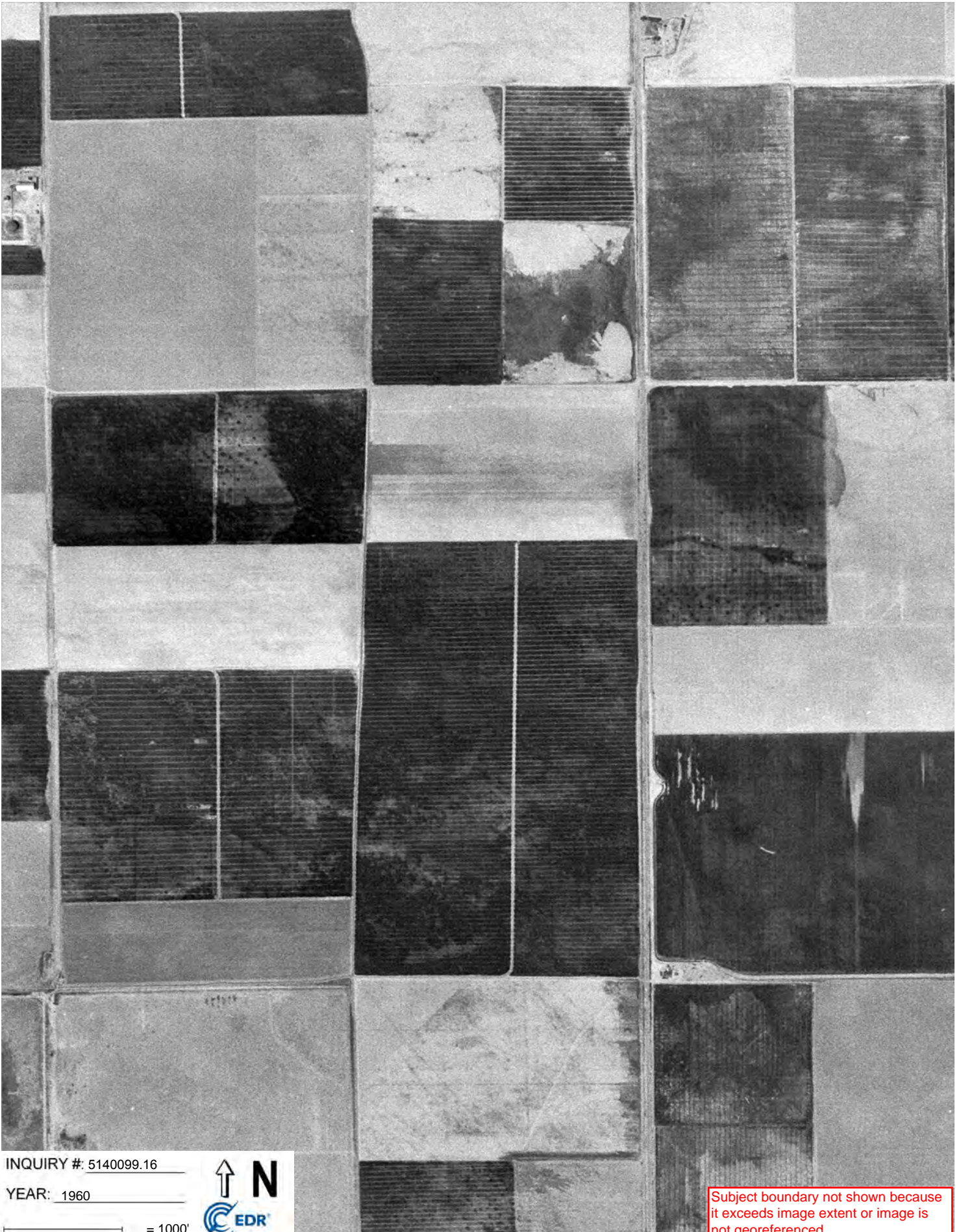
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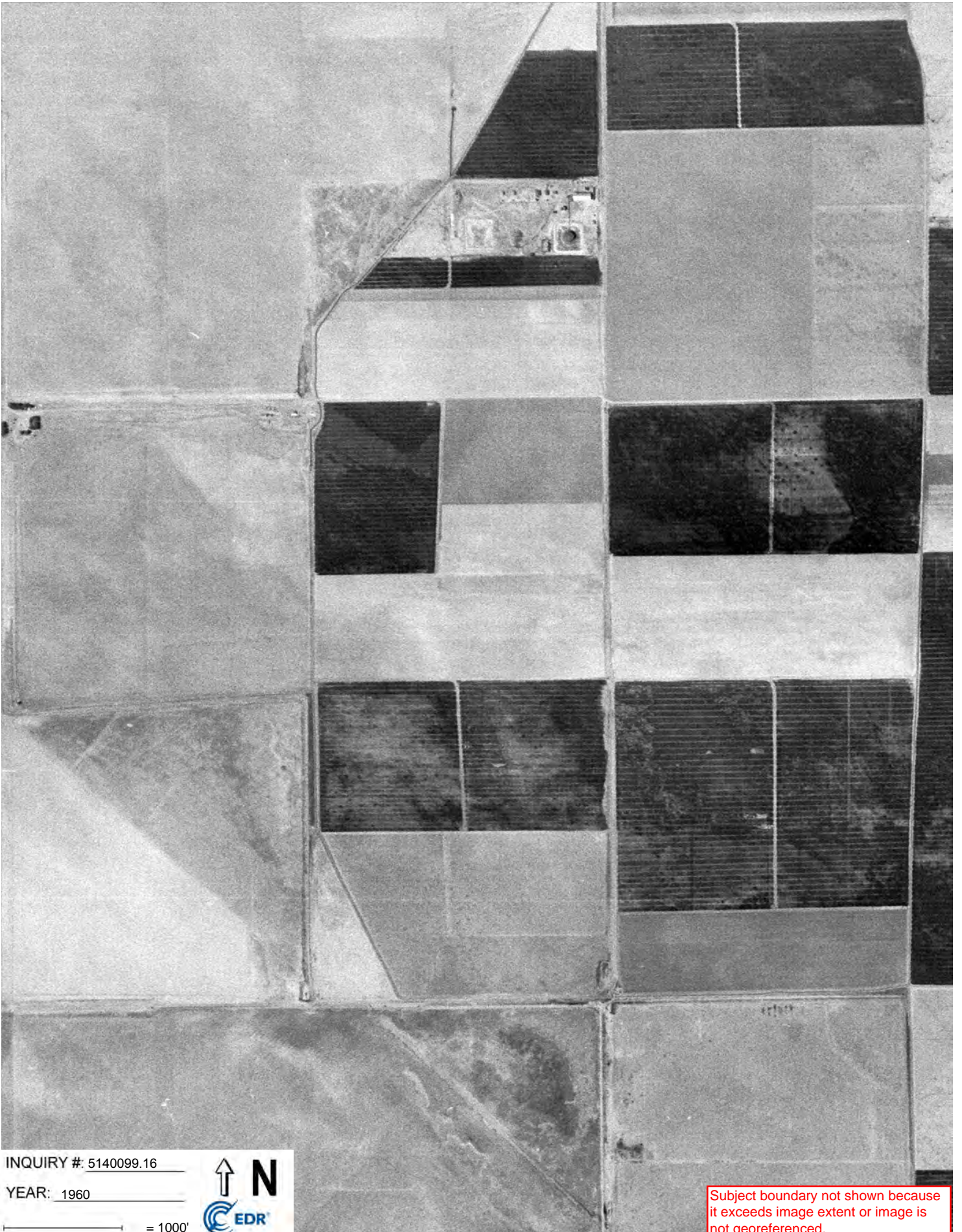
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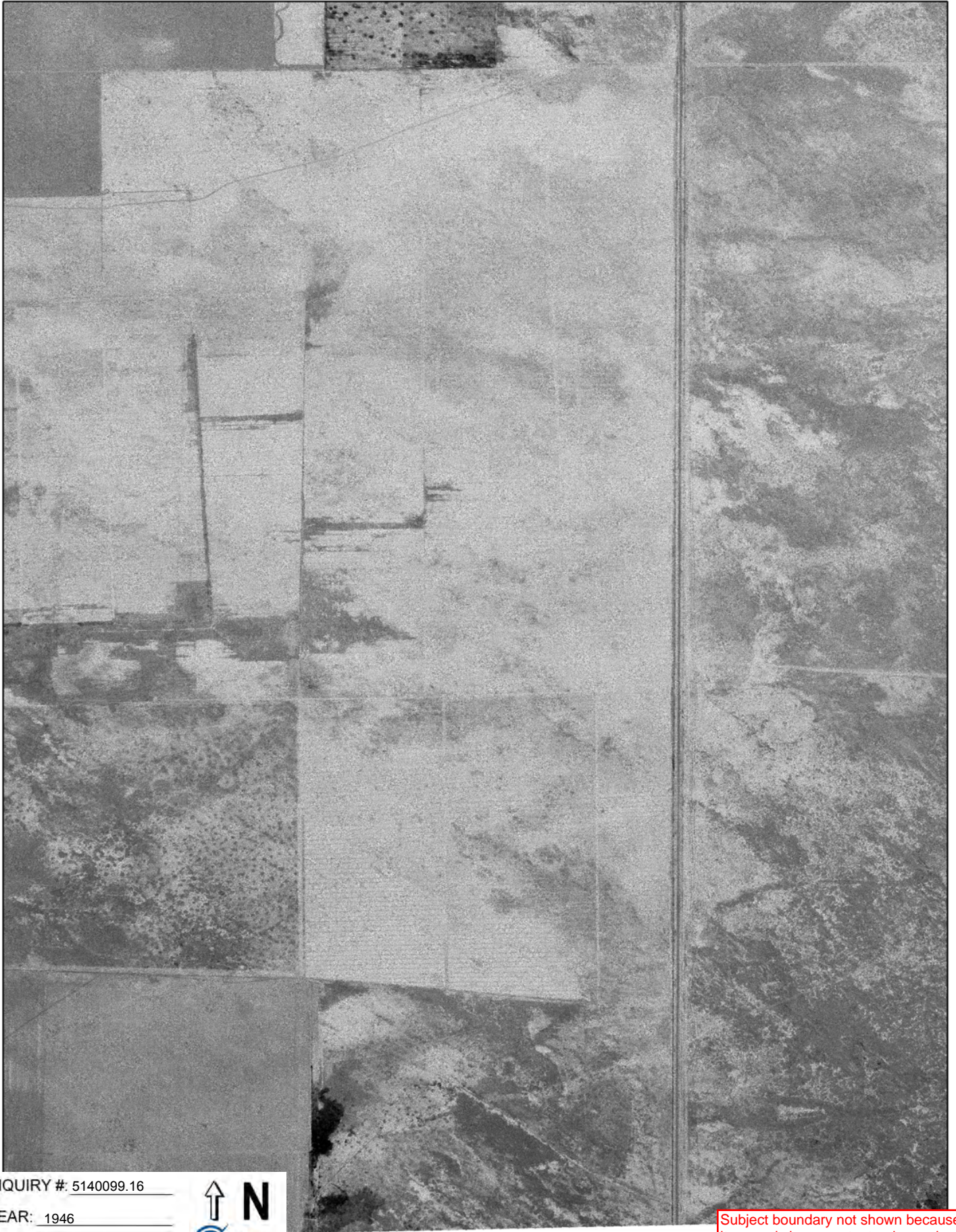
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INQUIRY #: 5140099.16

YEAR: 1946

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37

14.3

INQUIRY #: 5140099.16

YEAR: 1937

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Subject boundary not shown because it exceeds image extent or image is not georeferenced.



13-AB1 77-

INQUIRY #: 5140099.16

YEAR: 1937

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Subject boundary not shown because it exceeds image extent or image is not georeferenced.

Sunpower Luna Valley

Sunpower Luna Valley

Mendota, CA 93640

Inquiry Number: 5140099.17

December 18, 2017

Certified Sanborn® Map Report



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Shelton, CT 06484
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12/18/17

Site Name:

Sunpower Luna Valley
Sunpower Luna Valley
Mendota, CA 93640
EDR Inquiry # 5140099.17

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597
Contact: Kevin Almestad



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ERM - West, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # D19D-41E4-B877
PO # NA
Project Sunpower Luna Valley

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results
Certification #: D19D-41E4-B877

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sunpower Luna Valley

Sunpower Luna Valley
Mendota, CA 93640

Inquiry Number: 5140099.18

December 19, 2017

The EDR-City Directory Image Report



6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2011	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
2005	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
2001	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1995	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1990	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Sunpower Luna Valley
Mendota, CA 93640

Year **CD Image** **Source**

nearest street to coordinate - W MANNING AVE

2011	-	Haines Criss-Cross Directory	Street not listed in Source
2005	-	Haines Criss-Cross Directory	Street not listed in Source
2001	-	Haines Criss-Cross Directory	Street not listed in Source
1995	-	Haines Criss-Cross Directory	Street not listed in Source
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

**Appendix C
Environmental Regulatory
Database Report**



Sunpower Luna Valley

Sunpower Luna Valley
Mendota, CA 93640

Inquiry Number: 5345919.1s
June 27, 2018

EDR Area / Corridor Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

AST: Aboveground Petroleum Storage Tank Facilities

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
RE TRANQUILLITY LLC	9810 S OHIO AVE	E 0 - 1/8 (0.008 mi.)	1 / 5	24
Database: AST, Date of Government Version: 07/06/2016				

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CERS TANKS: California Environmental Reporting System (CERS) Tanks

A review of the CERS TANKS list, as provided by EDR, and dated 04/23/2018 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
GREAT VALLEY SOLAR P	34886 W DINUBA AVE #	E 0 - 1/8 (0.031 mi.)	2 / 8	24

Other Ascertainable Records

CUPA Listings: CUPA Resources List

A review of the CUPA Listings list, as provided by EDR, has revealed that there is 1 CUPA Listings site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CSI ELECTRIC	9810 S. OHIO AVE	E 1/8 - 1/4 (0.129 mi.)	3 / 5	28

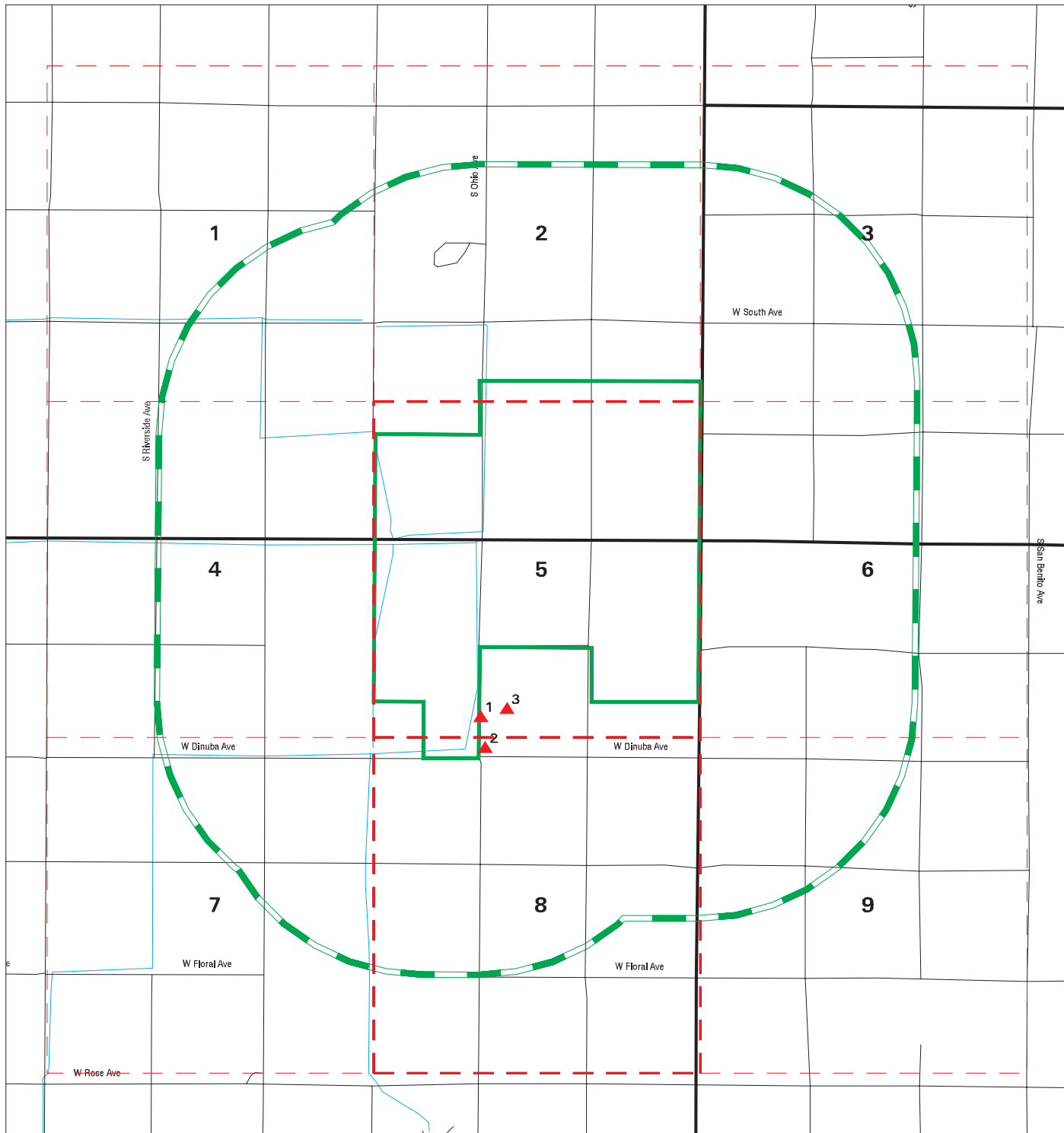
Database: CUPA FRESNO, Date of Government Version: 03/01/2018
Facility Id: FA0284987

MAPPED SITES SUMMARY

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 5	RE TRANQUILLITY LLC	9810 S OHIO AVE	AST	42 0.008 East
2 / 8	GREAT VALLEY SOLAR P	34886 W DINUBA AVE #	CERS TANKS, CERS	163 0.031 East
3 / 5	CSI ELECTRIC	9810 S. OHIO AVE	CUPA Listings, HAZNET	680 0.129 East

Key Map - 5345919.1s



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- National Priority List Sites
- Areas of Concern
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sunpower Luna Valley ADDRESS: Sunpower Luna Valley CITY/STATE: Mendota CA ZIP: 93640	CLIENT: ERM - West, Inc. CONTACT: Kevin Almestad INQUIRY #: 5345919.1s DATE: 06/27/18 10:03 AM
--	---

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

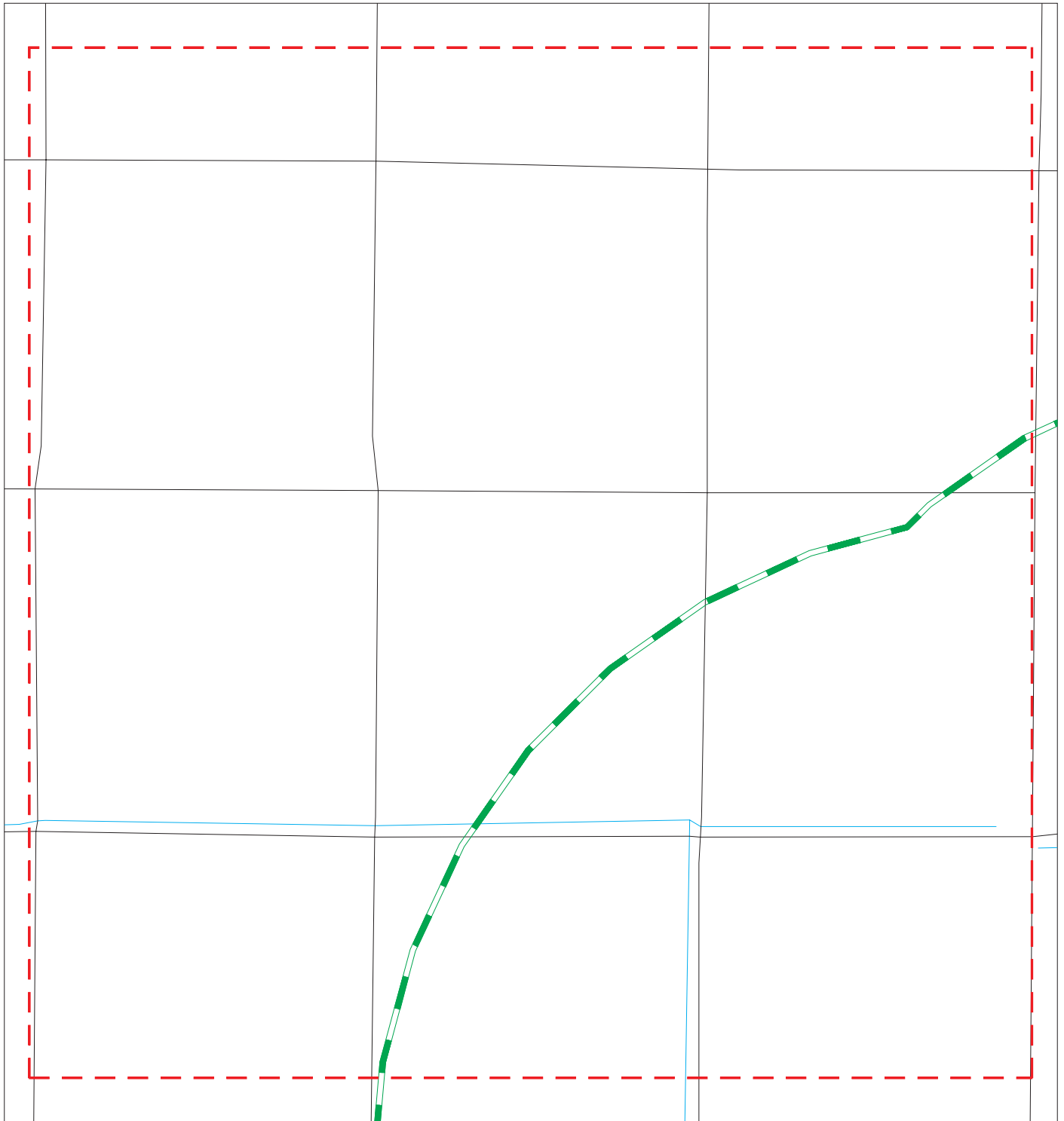
MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	1	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0

Focus Map - 1 - 5345919.1s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | National Priority List Sites | Areas of Concern |
| Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley
ADDRESS: Sunpower Luna Valley
CITY/STATE: Mendota CA
ZIP: 93640

CLIENT: ERM - West, Inc.
CONTACT: Kevin Almestad
INQUIRY #: 5345919.1s
DATE: 06/27/18

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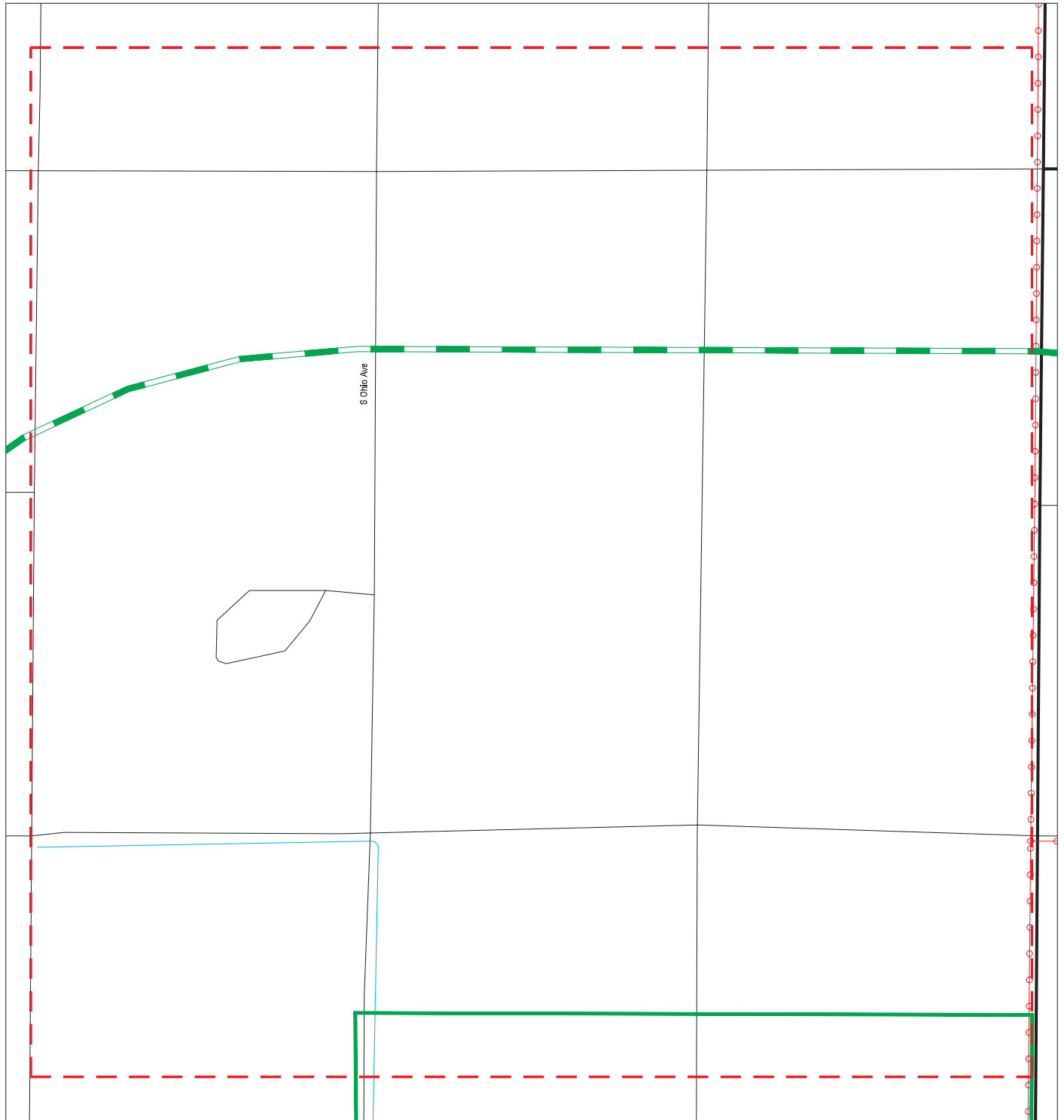
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 2 - 5345919.1s



- ▲ Sites
- ▲ Focus Map - Sites
- Dept. Defense Sites
- ▲ Target Property
- ▲ Power Line
- Indian Reservations BIA
- ▲ Search Buffer
- National Priority List Sites
- ▲ Focus Map - No Sites
- Areas of Concern

SITE NAME: Sunpower Luna Valley
ADDRESS: Sunpower Luna Valley
CITY/STATE: Mendota CA
ZIP: 93640

CLIENT: ERM - West, Inc.
CONTACT: Kevin Almestad
INQUIRY #: 5345919.1s
DATE: 06/27/18

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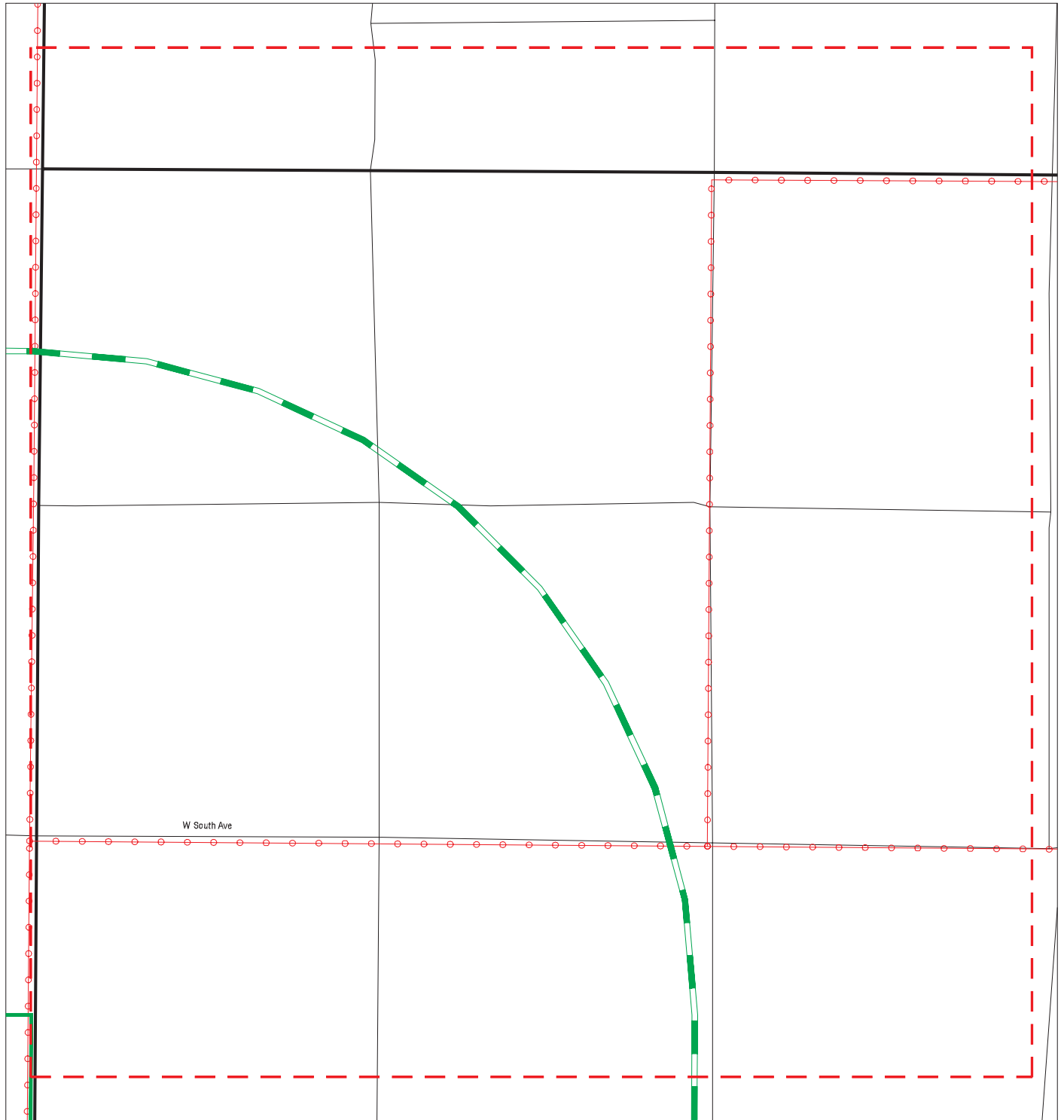
MAPPED SITES SUMMARY - FOCUS MAP 2











Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 3 - 5345919.1s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  National Priority List Sites |  Areas of Concern |
|  Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 CITY/STATE: Mendota CA
 ZIP: 93640

CLIENT: ERM - West, Inc.
 CONTACT: Kevin Almestad
 INQUIRY #: 5345919.1s
 DATE: 06/27/18

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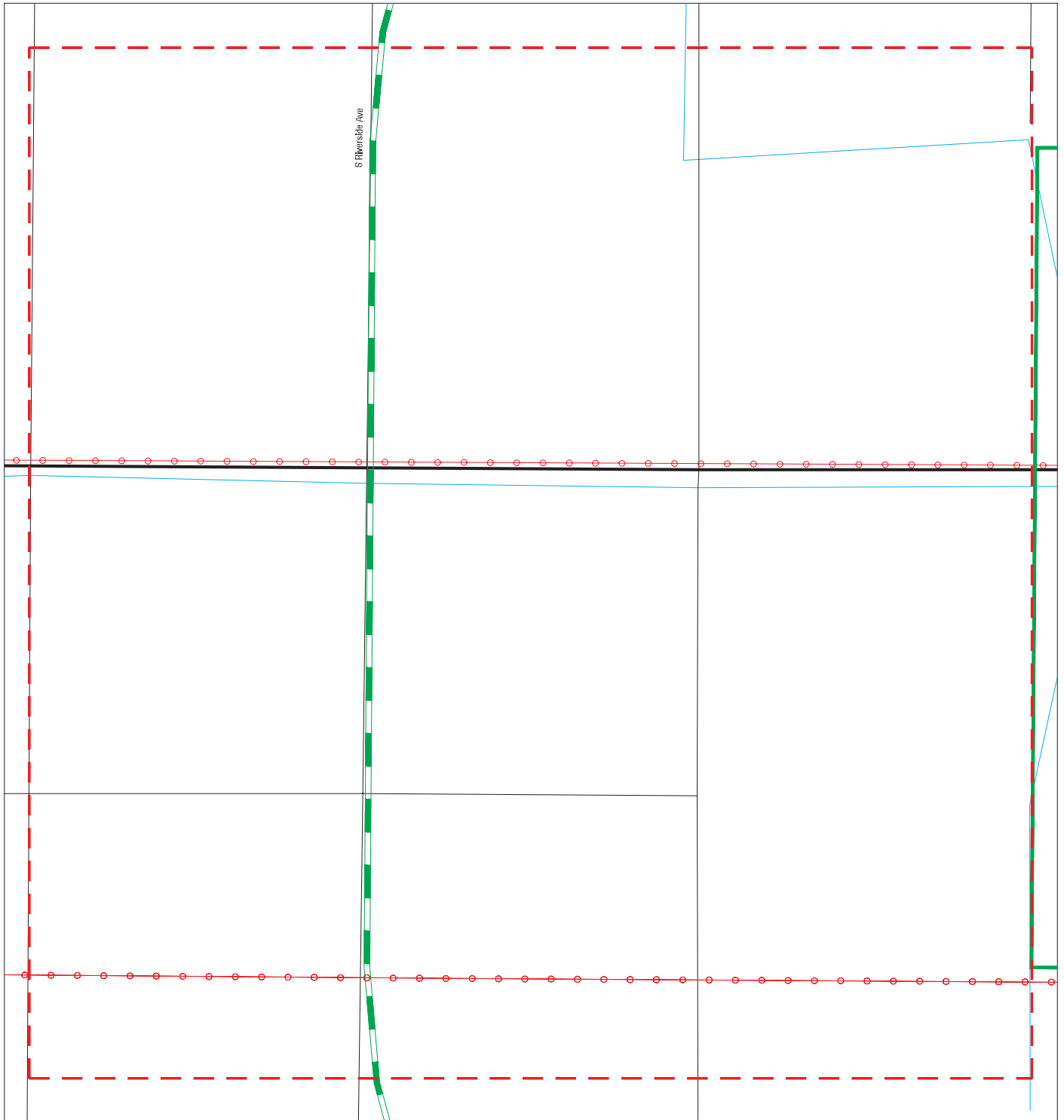
MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 4 - 5345919.1s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | National Priority List Sites | Areas of Concern |
| Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 CITY/STATE: Mendota CA
 ZIP: 93640

CLIENT: ERM - West, Inc.
 CONTACT: Kevin Almestad
 INQUIRY #: 5345919.1s
 DATE: 06/27/18

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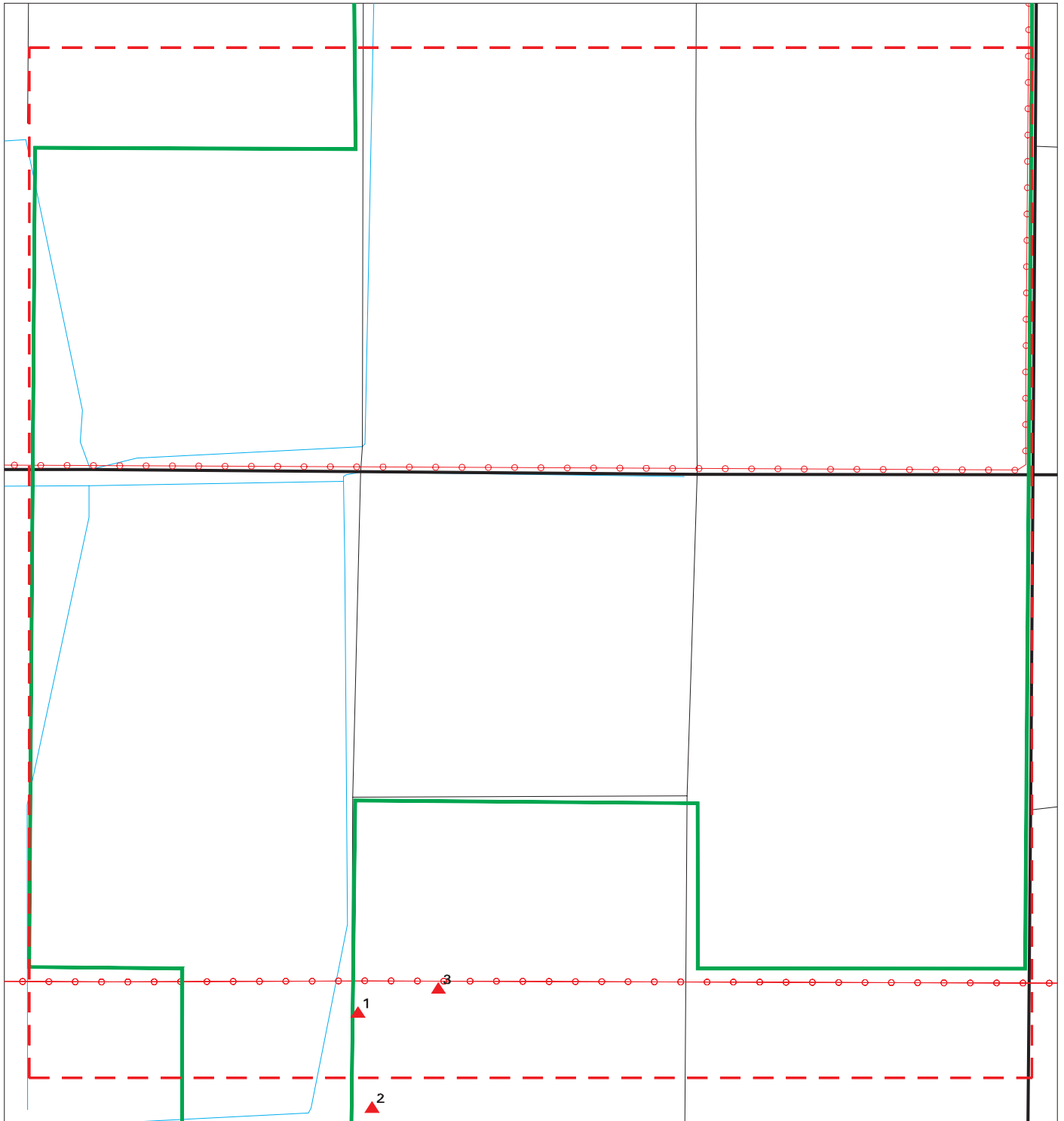
MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 5 - 5345919.1s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | National Priority List Sites | Areas of Concern |
| Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley ADDRESS: Sunpower Luna Valley CITY/STATE: Mendota CA ZIP: 93640	CLIENT: ERM - West, Inc. CONTACT: Kevin Almestad INQUIRY #: 5345919.1s DATE: 06/27/18
--	--

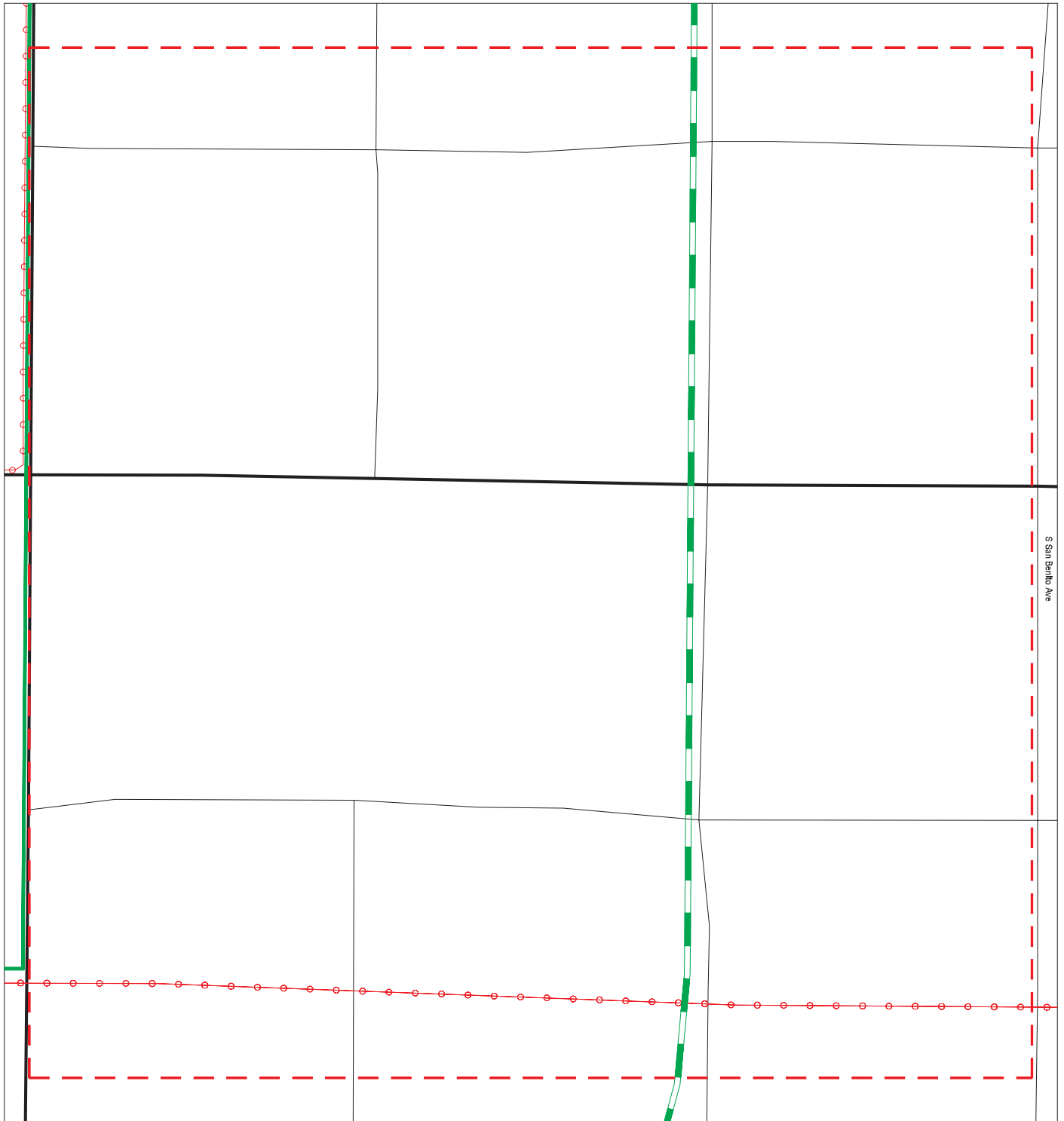
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MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 5	RE TRANQUILLITY LLC	9810 S OHIO AVE	AST	42 0.008 East
3 / 5	CSI ELECTRIC	9810 S. OHIO AVE	CUPA Listings, HAZNET	680 0.129 East

Focus Map - 6 - 5345919.1s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | National Priority List Sites | Areas of Concern |
| Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 CITY/STATE: Mendota CA
 ZIP: 93640

CLIENT: ERM - West, Inc.
 CONTACT: Kevin Almestad
 INQUIRY #: 5345919.1s
 DATE: 06/27/18

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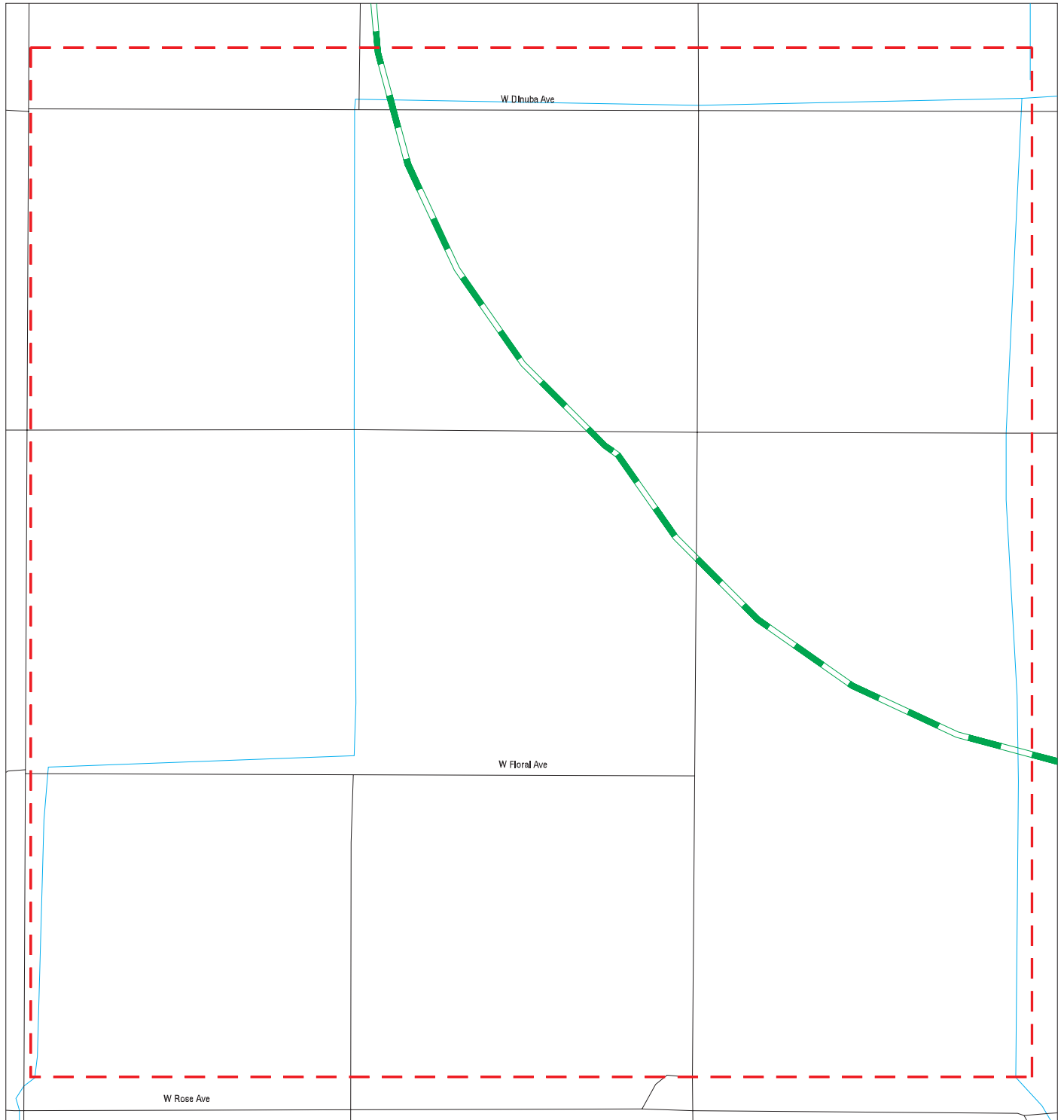
MAPPED SITES SUMMARY - FOCUS MAP 6











Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 7 - 5345919.1s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  National Priority List Sites |  Areas of Concern |
|  Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley
ADDRESS: Sunpower Luna Valley
CITY/STATE: Mendota CA
ZIP: 93640

CLIENT: ERM - West, Inc.
CONTACT: Kevin Almestad
INQUIRY #: 5345919.1s
DATE: 06/27/18

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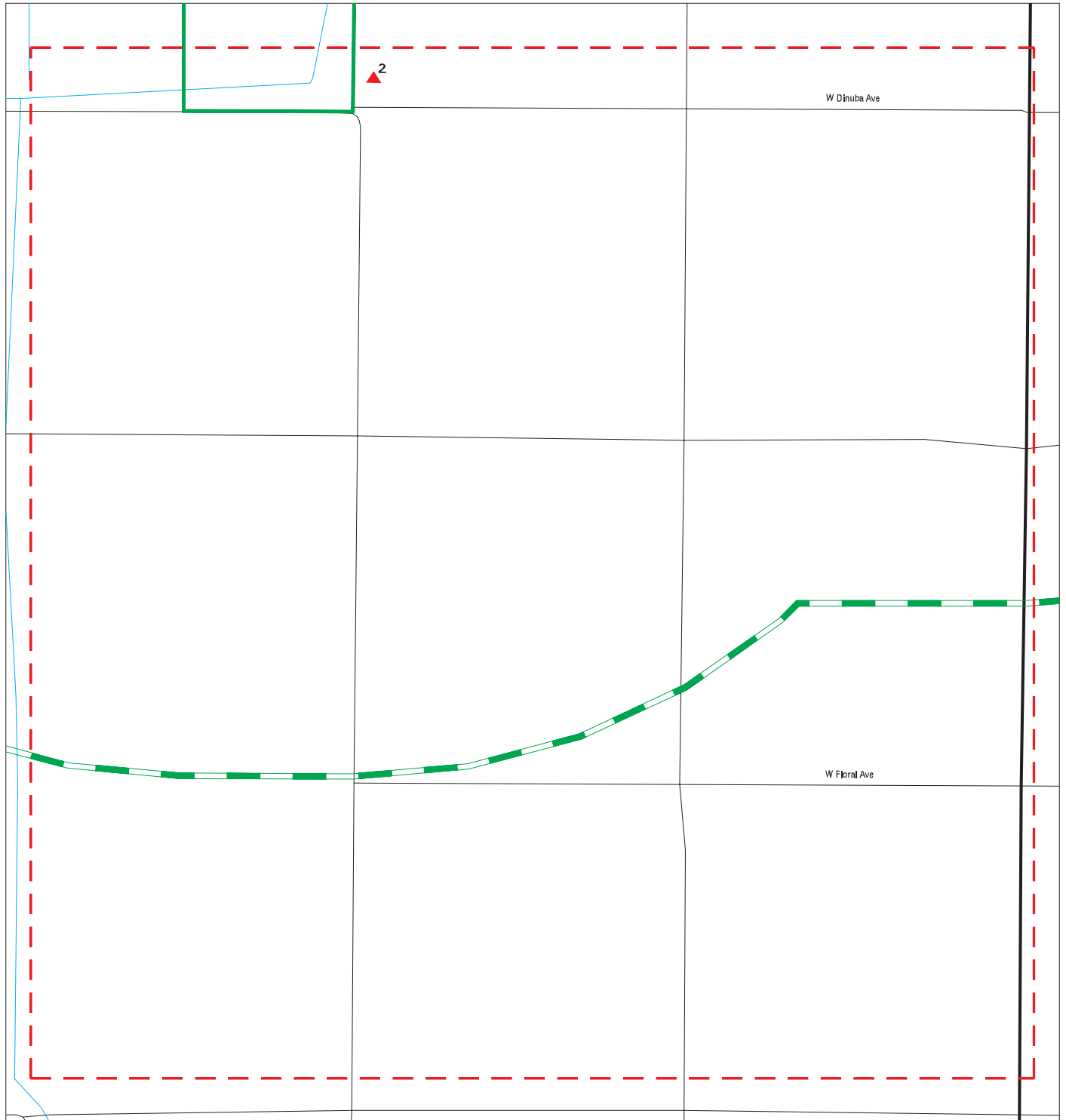
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 8 - 5345919.1s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | National Priority List Sites | Areas of Concern |
| Focus Map - No Sites | | |



SITE NAME: Sunpower Luna Valley
 ADDRESS: Sunpower Luna Valley
 CITY/STATE: Mendota CA
 ZIP: 93640

CLIENT: ERM - West, Inc.
 CONTACT: Kevin Almestad
 INQUIRY #: 5345919.1s
 DATE: 06/27/18

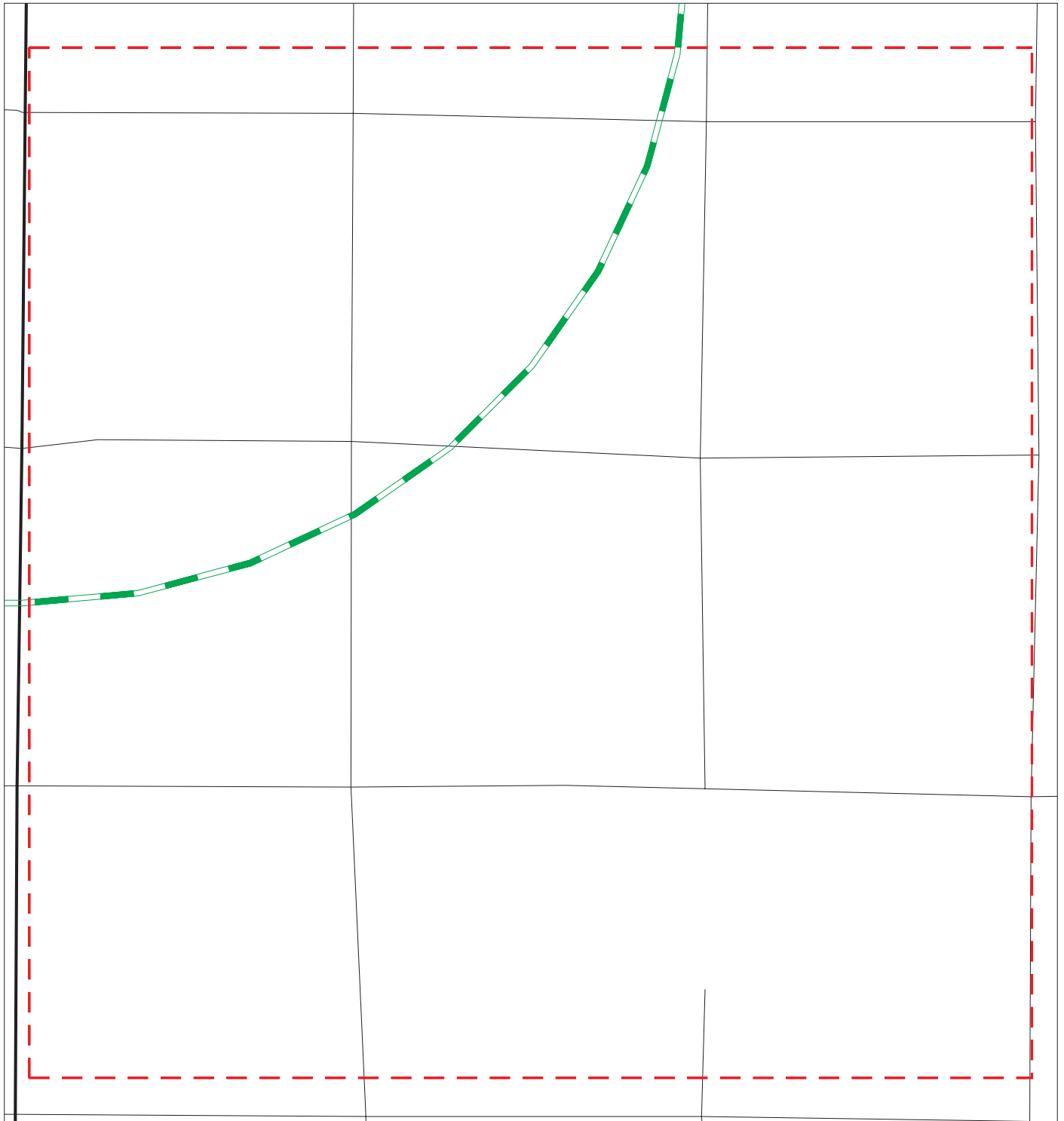
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MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
2 / 8	GREAT VALLEY SOLAR P	34886 W DINUBA AVE #	CERS TANKS, CERS	163 0.031 East

Focus Map - 9 - 5345919.1s



- | | | | |
|----------------------|------------------------------|-------------------------|--|
| Sites | Focus Map - Sites | Dept. Defense Sites | |
| Target Property | Power Line | Indian Reservations BIA | |
| Search Buffer | National Priority List Sites | | |
| Focus Map - No Sites | Areas of Concern | | |

SITE NAME: Sunpower Luna Valley ADDRESS: Sunpower Luna Valley CITY/STATE: Mendota CA ZIP: 93640	CLIENT: ERM - West, Inc. CONTACT: Kevin Almestad INQUIRY #: 5345919.1s DATE: 06/27/18
--	--

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MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
SUNPOWER LUNA VALLEY
MENDOTA, CA 93640

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1 **RE TRANQUILLITY LLC**
East **9810 S OHIO AVE**
< 1/8 **CANTUA CREEK, CA 93608**
0.008 mi.
42 ft.

AST **A100423772**
N/A

Actual: AST:
218 ft. Certified Unified Program Agencies: Not reported
Focus Map: Owner: CSI Electrical Contractors
5 Total Gallons: Not reported
 CERSID: 10637635
 Facility ID: Not reported
 Business Name: RE Tranquillity LLC
 Phone: 562.665.6023
 Fax: Not reported
 Mailing Address: 9810 S. Ohio Ave
 Mailing Address City: Cantua Creek
 Mailing Address State: CA
 Mailing Address Zip Code: 93608
 Operator Name: CSI Electrical Contractors
 Operator Phone: 562.665.6023
 Owner Phone: 562.665.6023
 Owner Mail Address: 10623 Fulton Wells Ave
 Owner State: CA
 Owner Zip Code: 90670
 Owner Country: United States
 Property Owner Name: Recurrent Energy
 Property Owner Phone: Not reported
 Property Owner Mailing Address: 300 California Street - 7th floor
 Property Owner City: San Francisco
 Property Owner Stat : CA
 Property Owner Zip Code: 94104
 Property Owner Country: United States
 EPAID: Not reported

2 **GREAT VALLEY SOLAR PORTFOLIO HOLDINGS, LLC**
East **34886 W DINUBA AVE # C**
< 1/8 **CANTUA CREEK, CA 93608**
0.031 mi.
163 ft.

CERS TANKS **S121783311**
CERS **N/A**

Actual: CERS TANKS:
220 ft. Site ID: 429240
Focus Map: CERS ID: 10750036
8 CERS Description: Aboveground Petroleum Storage

Affiliation:
 Affiliation Type Desc: CUPA District
 Entity Name: Fresno County Community Health Department
 Entity Title: Not reported
 Affiliation Address: 1221 Fulton Mall, Third Floor P.O. Box 11867
 Affiliation City: Fresno
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 93775
 Affiliation Phone: (559) 600-3271

 Affiliation Type Desc: Document Preparer
 Entity Name: John Ortiz
 Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT VALLEY SOLAR PORTFOLIO HOLDINGS, LLC (Continued)

S121783311

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Egwrad Romero
Entity Title: Not reported
Affiliation Address: 34886 W Dinuba Ave # C
Affiliation City: Cantua Creek
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93608
Affiliation Phone: (559) 498-9353

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 34886 W. Dinuba Ave. #C
Affiliation City: Cantua Creek
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93608
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: John Ortiz
Entity Title: Sr. EPS Advisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Greavt Valley Solar Portfolio Holdings, LLC
Entity Title: Not reported
Affiliation Address: 34886 W. Dinuba Ave. #C
Affiliation City: Cantua Creek
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93608
Affiliation Phone: (619) 696-4054

Affiliation Type Desc: Operator
Entity Name: Ryan Brownsberger
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (602) 639-1452

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GREAT VALLEY SOLAR PORTFOLIO HOLDINGS, LLC (Continued)

S121783311

Affiliation Type Desc: Parent Corporation
Entity Name: Great Valley Solar Portfolio Holdings, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Primary Emergency Contact
Entity Name: Mario Gonzalez
Entity Title: Solar Plant Supervisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (559) 365-5773

Affiliation Type Desc: Secondary Emergency Contact
Entity Name: Ryan Brownsberger
Entity Title: Operations Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (602) 639-1452

CERS TANKS:
Site ID: 429240
CERS ID: 10750036
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton Mall, Third Floor P.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Document Preparer
Entity Name: John Ortiz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT VALLEY SOLAR PORTFOLIO HOLDINGS, LLC (Continued)

S121783311

Affiliation Type Desc: Environmental Contact
Entity Name: Egwrad Romero
Entity Title: Not reported
Affiliation Address: 34886 W Dinuba Ave # C
Affiliation City: Cantua Creek
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93608
Affiliation Phone: (559) 498-9353

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 34886 W. Dinuba Ave. #C
Affiliation City: Cantua Creek
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93608
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: John Ortiz
Entity Title: Sr. EPS Advisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Greavt Valley Solar Portfolio Holdings, LLC
Entity Title: Not reported
Affiliation Address: 34886 W. Dinuba Ave. #C
Affiliation City: Cantua Creek
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93608
Affiliation Phone: (619) 696-4054

Affiliation Type Desc: Operator
Entity Name: Ryan Brownsberger
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (602) 639-1452

Affiliation Type Desc: Parent Corporation
Entity Name: Great Valley Solar Portfolio Holdings, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GREAT VALLEY SOLAR PORTFOLIO HOLDINGS, LLC (Continued)

S121783311

Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Primary Emergency Contact
 Entity Name: Mario Gonzalez
 Entity Title: Solar Plant Supervisor
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (559) 365-5773

Affiliation Type Desc: Secondary Emergency Contact
 Entity Name: Ryan Brownsberger
 Entity Title: Operations Manager
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (602) 639-1452

3
East
1/8-1/4
0.129 mi.
680 ft.

CSI ELECTRIC
9810 S. OHIO AVE
CANTUA CREEK, CA 93608

CUPA Listings **S118933341**
HAZNET **N/A**

Actual: CUPA FRESNO:
216 ft. Facility ID: FA0284987
Focus Map: Cross Street: Not reported
5 APM Number: 02810122T
 CERS Id: 10637635
 SWIS Number: Not reported
 GIS Latitude: 36.5922
 GIS Longitude: -120.4046
 Program Element: SMALL HAZARDOUS MATERIALS HANDLER

HAZNET:
 envid: S118933341
 Year: 2016
 GEPAID: CAL000409840
 Contact: DONALD MORGAN
 Telephone: 4237021249
 Mailing Name: Not reported
 Mailing Address: 9810 S OHIO AVE
 Mailing City,St,Zip: CANTUA CREEK, CA 936089723
 Gen County: Fresno
 TSD EPA ID: CAD008252405
 TSD County: Los Angeles
 Waste Category: Unspecified solvent mixture
 Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.198
 Cat Decode: Unspecified solvent mixture
 Method Decode: Fuel Blending Prior To Energy Recovery At Another Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CSI ELECTRIC (Continued)

S118933341

Facility County: Fresno

envid: S118933341
Year: 2016
GEPaid: CAL000409840
Contact: DONALD MORGAN
Telephone: 4237021249
Mailing Name: Not reported
Mailing Address: 9810 S OHIO AVE
Mailing City,St,Zip: CANTUA CREEK, CA 936089723
Gen County: Fresno
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Fresno

envid: S118933341
Year: 2016
GEPaid: CAC002836415
Contact: JOSE GARCIA
Telephone: 5626656023
Mailing Name: Not reported
Mailing Address: 10623 FULTON WELLS AVE
Mailing City,St,Zip: SANTA FE SPRINGS, CA 90670
Gen County: Fresno
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Fresno

envid: S118933341
Year: 2015
GEPaid: CAC002836415
Contact: JOSE GARCIA
Telephone: 5626656023
Mailing Name: Not reported
Mailing Address: 10623 FULTON WELLS AVE
Mailing City,St,Zip: SANTA FE SPRINGS, CA 90670
Gen County: Fresno
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2625

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CSI ELECTRIC (Continued)

S118933341

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Fresno

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CANTINA CREEK	1003877974	VDL FARMS	1/4MI E I-5 @ ADAMS/ MANNING 33	93608	SEMS-ARCHIVE
CANTUA CREEK	S121691070	WESTERN DISTRUBI CNTR	DERRICK AVE & I-5	93608	CIWQS
CANTUA CREEK	S121614251	20009 DERRICK AVE	20009 DERRICK AVE		CIWQS
CANTUA CREEK	U001587274	HALFWAY STORE	17909 S DERRICK AVE	93608	HIST UST
CANTUA CREEK	1023248600	MILE POST 124.19 (WESTLANDS TRANSFORMER/CA AQUADUCT)	S OHIO W MOUNTAIN VW	93608	FINDS
CANTUA CREEK	1023280742	MILE POST 124.16 (WESTLANDS TRANSFORMERS/CA AQUADUCT)	S OHIO W MOUNTAIN VW	93608	FINDS
CANTUA CREEK	1023319946	TRES PICOS COOLER FACILITY	20009 SOUTH DERRICK AVE	93608	FINDS
CANTUA CREEK	1023370097	WESTERN DISTRUBI CNTR	DERRICK AVE & AMP; I-5	93608	FINDS
CANTUA CREEK	1023375721	NUNES COOLINGNA INC.	20850 SO DERRICK AVE	93608	FINDS
CANTUA CREEK	1016784374	NUNES COOLING, INC.	20850 SO DERRICK AVE	93608	FINDS
CANTUA CREEK	S118934873	CONTRA COSTA ELECTRIC, INC.	9804 S OHIO AVE	93608	HAZNET
CANTUA CREEK	S121023582	RE TRANQUILLITY 8 LLC	SOUTH OF WEST MANNING AVENUE AND HIGHWAY 33	93608	NPDES
FRESNO COUNTY	8714641		2-MI N OF:MANNING ROAD/1-MI:E OF:I-5.		ERNS
FRESNO COUNTY	S117696399	BUTTONWILLOW AMERICAN MANNING	BUTTONWILLOW AMERICAN MANNING		NPDES, CIWQS
MENDOTA	1023229035	MILE POST 116.91 (WESTLANDS TRANSFORMERS/CA AQUADUCT)	/ S ORMSBY MANNING W	93640	FINDS
MENDOTA	S111075080	GILL RANCH GAS STORAGE PIPELINE	S OHIO AVE	93640	CUPA Listings
MENDOTA	S112922745	GEORGE KISHIDA INC	N BOUND I-5 1/4 ML N OF MANNING EXT	93640	HAZNET
MENDOTA	S118236920	FIRST SOLAR ELECTRIC CALIFORNIA INC	8008 S DERRICK HWY	93640	HAZNET
MENDOTA	S117695658	BELMONT AVENUE 1 0 MI OHIO AVE	BELMONT AVENUE 1 0 MI OHIO AVE	93640	NPDES, CIWQS
MENDOTA	S121023488	PG&E 2017 GAS TRANSMISSION PROGRAM CENTRAL VALLEY REGION 5F	W PANOCHE ROAD TO W DINUBA AVENUE	93640	NPDES
THREEDOCKS	S100277724		DINUBA 2 MILES WEST OF DERRICK	93608	CHMIRS
TRANQUILITY	S100714190	TRANQUILITY DUMPSITE	NE CORNER JAMES & MANNING	93668	ENVIROSTOR
TRANQUILITY	S107539289		MANNING AVE, 2 MI E OF HIGHWAY 33	93668	CDL
TRANQUILITY	1023264812	LOCATION TWO	MANNING	93668	FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 05/18/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/16/2018	Source: Department of the Navy
Date Data Arrived at EDR: 02/22/2018	Telephone: 843-820-7326
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/09/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-267-2180
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent NPL

CA RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/02/2018	Telephone: 916-323-3400
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

CA SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 37

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

CA LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

CA LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

CA LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

CA LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

CA LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

CA LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

CA LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

CA LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

CA LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

CA LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2001 Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001 Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001 Last EDR Contact: 09/26/2011
Number of Days to Update: 28 Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018 Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018 Last EDR Contact: 05/16/2018
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018 Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018 Last EDR Contact: 05/16/2018
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018 Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018 Last EDR Contact: 05/16/2018
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018 Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018 Last EDR Contact: 05/16/2018
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018 Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018 Last EDR Contact: 05/16/2018
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018 Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018 Last EDR Contact: 05/16/2018
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

CA CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

CA SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

CA SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

CA SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

CA SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

CA SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

CA SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

CA SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

CA SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

State and tribal registered storage tank lists

CA MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

CA UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 04/06/2016	Source: N/A
Date Data Arrived at EDR: 03/02/2017	Telephone: N/A
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

CA VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/02/2018	Telephone: 916-323-3400
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

CA BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/26/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-323-7905
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2018	Telephone: 202-566-2777
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/20/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 05/03/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: No Update Planned

CA SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-323-3836
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

CA HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/08/2018	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 02/09/2018	Telephone: 916-341-6422
Date Made Active in Reports: 03/20/2018	Last EDR Contact: 05/22/2018
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/30/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/18/2018
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 05/04/2018
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/01/2018	Telephone: 202-307-1000
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

CA HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

CA SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/02/2018	Telephone: 916-323-3400
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

CA CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/18/2017	Telephone: 916-255-6504
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 05/30/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Varies

CA TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/01/2018	Telephone: 202-307-1000
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Quarterly

CA CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/23/2018	Source: CalEPA
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-323-2514
Date Made Active in Reports: 06/07/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

CA SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CA UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/28/2018	Source: Department of Public Health
Date Data Arrived at EDR: 03/01/2018	Telephone: 707-463-4466
Date Made Active in Reports: 03/28/2018	Last EDR Contact: 05/22/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Annually

CA HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CA SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Land Records

CA LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 46

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

CA DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/08/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 02/08/2018	Telephone: 916-323-3400
Date Made Active in Reports: 02/08/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 0	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Semi-Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Records of Emergency Release Reports

CA CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Semi-Annually

CA LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

CA MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 05/25/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/13/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/11/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017 Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017 Last EDR Contact: 05/15/2018
Number of Days to Update: 63 Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2018 Telephone: 202-566-1917
Date Made Active in Reports: 06/22/2018 Last EDR Contact: 03/27/2018
Number of Days to Update: 87 Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014 Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014 Last EDR Contact: 05/07/2018
Number of Days to Update: 88 Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015 Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015 Last EDR Contact: 05/08/2018
Number of Days to Update: 6 Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016 Source: EPA
Date Data Arrived at EDR: 06/21/2017 Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018 Last EDR Contact: 06/22/2018
Number of Days to Update: 198 Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016 Source: EPA
Date Data Arrived at EDR: 01/10/2018 Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018 Last EDR Contact: 05/25/2018
Number of Days to Update: 2 Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Source: EPA
Date Data Arrived at EDR: 12/10/2010 Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011 Last EDR Contact: 04/09/2018
Number of Days to Update: 77 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/09/2018 Source: EPA
Date Data Arrived at EDR: 02/06/2018 Telephone: 703-416-0223
Date Made Active in Reports: 05/11/2018 Last EDR Contact: 05/30/2018
Number of Days to Update: 94 Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017 Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017 Last EDR Contact: 04/20/2018
Number of Days to Update: 21 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Source: EPA
Date Data Arrived at EDR: 07/03/1995 Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995 Last EDR Contact: 06/02/2008
Number of Days to Update: 35 Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/30/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 05/03/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2018	Telephone: 202-343-9775
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 99	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/08/2009
Number of Days to Update: 28

Source: N/A
Telephone: N/A
Last EDR Contact: 11/12/1996
Next Scheduled EDR Contact: N/A
Data Release Frequency: Annually

US AIRS MINOR: Aerometric Information Retrieval System Facility Subsystem

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/08/2009
Number of Days to Update: 28

Source: N/A
Telephone: N/A
Last EDR Contact: 11/12/1996
Next Scheduled EDR Contact: N/A
Data Release Frequency: Annually

US MINES: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 2: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/30/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018	Source: Department of Interior
Date Data Arrived at EDR: 03/13/2018	Telephone: 202-208-2609
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/20/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2018	Telephone: 202-564-2280
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018	Source: EPA
Date Data Arrived at EDR: 02/21/2018	Telephone: 800-385-6164
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

Other Ascertainable Records

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CA CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/26/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-323-3400
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

CA CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/07/2018	Telephone: 925-454-2361
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 05/07/2018
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

CA CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/24/2018	Telephone: 415-252-3896
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Varies

CA DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/27/2018 Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 03/29/2018 Telephone: 916-327-4498
Date Made Active in Reports: 05/04/2018 Last EDR Contact: 05/30/2018
Number of Days to Update: 36 Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

CA DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018 Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 03/13/2018 Telephone: 661-723-8070
Date Made Active in Reports: 05/04/2018 Last EDR Contact: 06/22/2018
Number of Days to Update: 52 Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

CA DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018 Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 03/20/2018 Telephone: 909-396-3211
Date Made Active in Reports: 05/04/2018 Last EDR Contact: 06/11/2018
Number of Days to Update: 45 Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

CA EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015 Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017 Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017 Last EDR Contact: 06/20/2018
Number of Days to Update: 147 Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

CA ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/22/2018 Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/24/2018 Telephone: 916-445-9379
Date Made Active in Reports: 03/19/2018 Last EDR Contact: 04/18/2018
Number of Days to Update: 54 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

CA Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/18/2018 Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/20/2018 Telephone: 916-255-3628
Date Made Active in Reports: 06/19/2018 Last EDR Contact: 04/18/2018
Number of Days to Update: 60 Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

CA Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2018 Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 05/15/2018 Telephone: 916-341-6066
Date Made Active in Reports: 06/22/2018 Last EDR Contact: 05/09/2018
Number of Days to Update: 38 Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 04/12/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

CA ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 877-786-9427
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

CA HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CA HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 916-323-3400
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

CA HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/09/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/11/2018	Telephone: 916-440-7145
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/11/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

CA MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-322-1080
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/27/2018	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 04/16/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

CA NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/14/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Quarterly

CA PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/05/2018	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2018	Telephone: 916-445-4038
Date Made Active in Reports: 04/19/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

CA PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-323-3836
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

CA NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/23/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-445-3846
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/14/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: No Update Planned

CA UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-445-2408
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/10/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 04/13/2018	Telephone: 559-445-5577
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Varies

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/16/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

CA WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/25/2018
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Varies

CA MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

CA CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/23/2018	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-323-2514
Date Made Active in Reports: 06/07/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

CA OTHER OIL GAS: OTHER OIL & GAS (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA PROD WATER PONDS: PROD WATER PONDS (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA PROJECT: PROJECT (GEOTRACKER)

Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA NON-CASE INFO: NON-CASE INFO (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA SAMPLING POINT: SAMPLING POINT (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA WELL STIM PROJ: WELL SAMP PROJ (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CA CIWQS: The California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 60

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

CA UIC GEO: UIC GEO (GEOTRACKER)

Underground control injection sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

CA RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 14

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 54

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009	Source: EPA Region 9
Date Data Arrived at EDR: 03/31/2009	Telephone: 415-972-3178
Date Made Active in Reports: 10/23/2009	Last EDR Contact: 06/13/2018
Number of Days to Update: 206	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018	Source: Department of Public Works
Date Data Arrived at EDR: 04/16/2018	Telephone: 626-458-3517
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 60	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018	Source: La County Department of Public Works
Date Data Arrived at EDR: 04/17/2018	Telephone: 818-458-5185
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/17/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018	Source: Engineering & Construction Division
Date Data Arrived at EDR: 05/01/2018	Telephone: 213-473-7869
Date Made Active in Reports: 05/14/2018	Last EDR Contact: 04/11/2018
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018	Source: Community Health Services
Date Data Arrived at EDR: 04/17/2018	Telephone: 323-890-7806
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/17/2018
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/11/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 03/10/2017	Telephone: 562-570-2563
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 04/18/2018
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018	Source: Monterey County Health Department
Date Data Arrived at EDR: 03/29/2018	Telephone: 831-796-1297
Date Made Active in Reports: 04/16/2018	Last EDR Contact: 05/21/2018
Number of Days to Update: 18	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/11/2017	Telephone: 707-253-4269
Date Made Active in Reports: 03/02/2017	Last EDR Contact: 05/22/2018
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/22/2018	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 02/27/2018	Telephone: 707-253-4269
Date Made Active in Reports: 03/29/2018	Last EDR Contact: 05/22/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 04/24/2018	Source: Community Development Agency
Date Data Arrived at EDR: 05/01/2018	Telephone: 530-265-1467
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 04/25/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 04/02/2018	Source: Health Care Agency
Date Data Arrived at EDR: 05/11/2018	Telephone: 714-834-3446
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/07/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/02/2018	Source: Health Care Agency
Date Data Arrived at EDR: 05/11/2018	Telephone: 714-834-3446
Date Made Active in Reports: 06/25/2018	Last EDR Contact: 05/07/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/19/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 46

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 43

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Cupa Facility List

Cupa Facility list

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List

Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 58

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2018	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/25/2018	Telephone: 805-654-2813
Date Made Active in Reports: 06/25/2018	Last EDR Contact: 04/23/2018
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2018	Source: Environmental Health Division
Date Data Arrived at EDR: 03/14/2018	Telephone: 805-654-2813
Date Made Active in Reports: 03/30/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/27/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/03/2018	Telephone: 530-666-8646
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 03/29/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/15/2018	Telephone: 530-749-7523
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 04/25/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines

Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

STREET AND ADDRESS INFORMATION

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Appendix D
Professional Profiles



Kevin C. Almestad



Mr. Kevin Almestad is a Staff Scientist with ERM based in Walnut Creek, California. He works in the ERM Transaction Services (TS) practice performing environmental due diligence and related scopes of work for a variety of clients. His experience includes conducting Phase I Environmental Site Assessments and custom due diligence projects. He has also performed Phase II sampling, analysis, and remedial action monitoring at sites in Northern California.

Mr. Almestad has conducted and authored several Phase I and II environmental assessments for industrial clients, consultants, law firms, and power companies.

Fields of Competence

- Environmental Due Diligence
- Phase I Environmental Site Assessments
- Phase II Testing and Analysis
- Remedial Action Monitoring
- Data analysis and reporting

Education

- B.S. Earth Science, University of California, Santa Barbara, 2015

Languages

- English, native speaker
- Spanish, basic verbal and written

Key Industry Sectors

- Legal
- Power (Solar, Oil & Gas)
- Telecommunication
- Chemical/Pharmaceutical
- High Technology
- Manufacturing
- Government

Honors & Awards

- Kleinfelder Academic Scholarship Award, June 2010
- Dean's List, UC Santa Barbara, 2009-2010

Key Projects

Environmental Site Assessments (Phase I and II ESAs and Due Diligence). Staff Scientist

Assisted with numerous due diligence projects and Phase I Environmental Site Assessment (ESAs) for private and public clients. Representative projects have included:

- Writing numerous Phase I ESA Reports and for industrial, commercial, and residential sites across California.
- Performing desktop due diligence assessments of parcels and sites by reviewing regulatory agency databases and other site files.
- Reviewing and summarizing environmental reports for multiple sites in a multi-site portfolio.
- Performing Phase II ESAs including drilling and sampling to assess the presence of petroleum hydrocarbons, PCBs, volatile organic compounds, heavy metals, and agricultural chemicals in soil, soil gas, and groundwater.

Environmental Remedial Investigation and Action Monitoring Assessments.

Assisted in assessments related to the release of volatile organic chemicals to the environmental effectiveness of remedial actions.

Confidential Client, Vacaville, CA. Staff Scientist

Assisted in a Phase II ESA for a client interested in purchasing the property. The scope of work involved drilling and geologic logging, and sampling for petroleum hydrocarbons and heavy metals in soil and groundwater.

Confidential Client, Winters, CA. Staff Scientist

Performed a limited near-surface soil investigation including drilling, logging, and sampling of a former agricultural area of the site. Sampled for agricultural chemicals in order to demonstrate baseline conditions throughout the site.

Confidential Client, Lafayette, CA. Staff Scientist

Performed soil gas and groundwater sampling and analysis as part of a Site Characterization Workplan approved by the Regional Water Quality Control Board. The remedial monitoring event included the sampling of all wells on site to assess the residual presence of TCE following a pilot study consisting of the pneumatically enhanced injection of Zero-Valent Iron (ZVI) in order to break down TCE in the groundwater.

Confidential Client, Benicia, CA. Staff Scientist

Assisted in routine groundwater monitoring and a remedial action rebound evaluation. Groundwater monitoring included the collection of site-wide water level measurements to assess groundwater flow, and groundwater sampling to assess the residual presence and concentrations of volatile organic compounds in groundwater as part of a monitoring program approved by the Regional Water Quality Control Board. The rebound monitoring included sampling of select wells to assess the residual presence of potassium permanganate injected to break down TCE in the groundwater.

Confidential Client, Oakland, CA. Task Manager

Managed and performed groundwater sampling and analysis as part of a remedial design and implementation plan approved by the Alameda County Local Oversight Program and San Francisco Bay RWQCB. Wrote and compiled a quarterly monitoring report to assess the concentrations and trends of petroleum hydrocarbons and fuel constituents in groundwater.

ExxonMobil, Southern California. Staff Scientist

Organized and facilitated the transfer of environmental permits, licenses, certifications, and registrations for multiple petroleum pipeline terminals and lubrication facilities located in Southern California. Covered media included air, stormwater, and wastewater. Assisted in facilitating the transfer of ownership of active remediation sites and select non-environmental permits.

Confidential Client, California and Louisiana. Staff Scientist

Retrieved and organized environmental permits, licenses, certifications, and registrations for all client facilities located in California and Louisiana. Covered media included air, stormwater, wastewater, radiological sources, soil, and groundwater. Entered and organized environmental documents into a custom FTP tool for the client.

Giorgio Molinario



Mr. Giorgio Molinario has over 20 years of transaction due diligence, site investigation, permitting, and regulatory compliance experience. He is a Program Director in ERM's Due Diligence and Mergers and Acquisitions advisory practice and is based in San Francisco, California.

Mr. Molinario's project experience includes a wide range of due diligence projects including: Phase I and II ESAs, custom due diligence reports, and associated environmental compliance for individual facilities, multi-site portfolios, or entire companies. His experience includes due diligence and permitting for sites slated for development or redevelopment in the US and abroad. These include multiple utility scale solar plants across the US, redevelopment of former industrial plants, greenfield development of data centers, and large infrastructure projects such as the high speed rail corridor or airport expansion projects. .

He has managed hundreds of environmental projects integrating a range of environmental disciplines including environmental assessment, CEQA permitting and sustainability. He has extensive experience with Federal, State, and local environmental regulations, as well as international regulations.

Fields of Competence

- Environmental due diligence
- Regulatory compliance and permitting
- Site investigation and remediation

Education & Training

- M.A. Environmental Studies, Brown University (Thesis pending)
- B.Sc. Chemistry, Brown University, 1992
- 40 Hour OSHA HAZWOPER
- 8-hour OSHA HAZWOPER Supervisor
- 8-hour OSHA HAZWOPER Refresher (2017)
- 8 Hour Mine Safety and Health Administration Miner Safety Training
- 5 Day EPA/AHERA Asbestos-Contractor Supervisor
- 5 Day EPA/AHERA Asbestos-Surveyor and Management Planner
- FEMA incident Command System Level 200
- USEPA Level-A and Readiness Training (2007)
- American Red Cross Adult CPR and First Aid

Languages

- English
- Italian
- French

Key Industry Sectors

- High Technology & Telecommunication
- Biopharmaceutical
- Legal
- Manufacturing
- Chemical
- Government

Key Projects

Environmental Due Diligence

Environmental Site Assessments (Phase I and II ESAs and Due Diligence). Project Manager.

Managed and assisted with numerous assessments for private and public clients. Conducted assessments for buyer and vendor sides, in the U.S. and abroad, including numerous fast-turnaround multi-site projects. Representative projects have included:

- Managed numerous Phase I and II ESAs and limited compliance audits of industrial, commercial, and residential sites or portfolios of sites across the U.S. and abroad.
- Managed several Phase I and II ESAs of proposed development sites in California incorporating environmental due diligence, lender-specific requirements, and incorporating additional data into California Environmental Quality Act (CEQA) reports.
- Managed due diligence assessments including Phase I and II ESAs of manufacturing facilities, technology and biopharmaceutical facilities, chemical plants, oil and gas sites, petroleum storage sites, datacenters, distribution facilities, and landfills.
- Performed due diligence assessments in the US, UK, Italy, France, Israel, and Dem. Rep. of Congo, and managed projects with due diligence in Mexico, Germany, China, Japan, Korea, Vietnam, Taiwan, and India.
- Managed assessments of right-of-way alignments including rail lines, utility corridors, midstream assets, and roads/highways.
- Managed several Brownfield site assessments including multi-parcel sites, former industrial sites, and tribal land.

Development-Related Due Diligence

Project Manager. Due Diligence- Phase I and II, and Environmental Compliance Review for Biopharma Facility Acquisition and Redevelopment. Merck. South San Francisco, California. Managed the due diligence of two existing temporary R&D facilities and a vacant, former industrial site slated for redevelopment into a research campus. Managed an expedited Phase II and agency interaction to assist redevelopment of the new campus. Managed a team performing EHS compliance and air permitting assistance at the two temporary facilities.

Project Manager. Environmental Due Diligence and Confidential Cost Scenarios, Power Plant, Confidential Power Client, San Francisco, California. Managed multiple phases of environmental site assessment in preparation for redevelopment of a deactivated power plant and former manufactured gas plant. Condensed over 20 years of environmental investigations into concise summaries and oversaw preparation of risk human health risk matrices. Prepared confidential remedial cost summaries and integrated them in a redevelopment scenario to assist client's negotiation. .

Project Manager, Pre-acquisition due diligence of two international data center sites, Confidential Client, 2014: Managed the pre-acquisition assessment of two highly confidential data center sites in Ireland and China for a global high technology firm based in Silicon Valley. Designed the due diligence to include local requirements, future permitting, and baseline Phase II site investigations. These expedited assessments required large local teams and integration with the client's datacenter design and permitting teams.

Task Manager, Pre-redevelopment Assessment, Former Oak Knoll Naval Medical Center, Confidential Client, Oakland, California. Reviewed and assessed existing environmental reports for this 180-acre navy hospital to prepare a remedial strategy and cost estimate for environmental remediation in support of redevelopment. Prepared an inventory of environmental issues and a probabilistic cost model to integrate environmental costs into the overall project financial model.

MacArthur Boulevard Redevelopment Environmental Site Assessment, City of Oakland/CalTrans, Oakland, California. Project Manager. Planned and managed the combined assessment of numerous parcels along MacArthur Boulevard to support the planned improvements and redevelopment. Managed the field assessment teams and the preparation of the combined report. Issued recommendations to the client for areas requiring a higher level of oversight during excavation and intrusive work.

Project Manager, Pre-Acquisition Due Diligence of Proposed Innovative Hydrogen Power Plant Site, Confidential Client, California, 2012: This proposed power plant included over 1,000 acres of buffer agricultural land and existing farm and industrial operations on the proposed footprint. Planned the site due diligence to include additional items required for the

power plant CEQA Application for Certification (AFC) including proposed linears. He authored the environmental due diligence reports and CEQA AFC sections under an aggressive project schedule. He negotiated with CEC staff on the level of reporting required pre-certification and planned additional assessment to be conducted as a condition of certification.

Pre-acquisition Phase I and Baseline Phase II Site Investigation of Proposed Power Plant Site, Confidential Client, Colusa, California. Project Manager. Conducted environmental due diligence meeting client and lender standards at a proposed power plant site prior to site acquisition. Managed the baseline site investigation consisting of soil and groundwater investigation. Integrated data collection with the CEQA Application for Certification (AFC) team including collection of additional surface water and groundwater data, and collaboration with the biological survey teams.

Task Manager, Pre-acquisition due diligence and environmental liability cost estimating for an underwater power cable project, Confidential Client, San Francisco, California. Conducted environmental site assessment on several alternate parcels identified for use as AC to DC converter stations at the cable terminus. Prepared standard due diligence reports, as well as a detailed remediation/liability cost estimates.

Task Manager, San Francisco International Airport Runway Safety Area CEQA/NEPA Permitting, San Francisco, CA, San Francisco International Airport: Managed the CEQA hazardous material portions of the Environmental Assessment (EA) and Initial Study (IS) for this Runway Safety Area project. He assisted the project team and client in evaluating contaminated sites that may pose significant impacts to the construction, and preparing strategies to address the impacts without impacting the project schedule.

U.S. EPA Region IX START Investigation and Response Contract. Program Manager/Group Manager. Managed the environmental investigation and response group during this contract that included over 150 task orders totaling over \$12M. In addition to managing the group, managed and performed a range of projects, including emergency responses, Brownfields site assessments, and expedited removals at CERCLA and petroleum sites. Site investigation projects included

several mining sites in California and Nevada with a wide range of contaminants.

M&A Due Diligence and Compliance

Project Manager, Due Diligence and Compliance Auditing of Alios Pharmaceutical Company by Johnson & Johnson, South San Francisco, California. Assessed the operations and R&D facilities of a pharmaceutical company slated for acquisition. Prepared a due diligence report for the acquisition and a detailed task list of EHS compliance issues to be addressed during post-acquisition integration. Assisted with post-acquisition EHS compliance integration and auditing.

Fluoropolymer and Fluorocarbon Manufacturer, Due Diligence and Strategic Acquisition Consulting. Senior Auditor. Senior Auditor for high-level due diligence and strategic acquisition consulting for the proposed acquisition of a 900 million dollar fluoropolymer and fluorocarbon manufacturing company with facilities in U.S., Italy, and Germany. Visited manufacturing plants and interviewed plant management, and senior environmental management to identify due diligence issues, potential for catastrophic failures from the storage of hydrofluoric acid, and future regulatory issues with the continued production of CFCs, HCFCs, and the use of mercury cells in the production of chlorine.

Environmental Due Diligence of a portion of the Black Mountain Industrial (BMI) Complex, Confidential Client, in Henderson, Nevada, Lead Assessor Assessed a portion of the BMI complex that has been used for basic chemical manufacturing since the 1940s. Prepared a concise due diligence report summarizing historical soil and groundwater impacts and potential impacts from current operations.

Environmental Due Diligence and Risk Review of LNG Plant and Pipeline, Osaka Gas/Chubu Electric, Freeport, Texas. Project Manager. Managed the due diligence and strategic investment consulting for Freeport LNG plant and associated 25 mile pipeline in Texas. Managed multiple field assessment teams and the review of permit and plant design issues identified as critical to successful future operation. Specialized staff conducted a peer review of explosion studies performed for the proposed addition of liquefaction trains to this facility. Mr. Molinaro authored the due diligence report

and coordinated communications with the clients, technical experts, and legal counsel.

Project Manager, International Aluminum, Due Diligence, Compliance, and Site Investigation and Remediation Consulting. Project Manager for the private equity acquisition of a vertically integrated industrial company. Managed resources from multiple offices to conduct expedited site audits. Prepared a probabilistic cost model for environmental liabilities that was used to select a basket of properties for securitized leaseback. Oversaw post-closing environmental compliance and site investigation and remediation tasks on multiple sites across the US and Canada, including closure of sites and permitting.

Project Manager, Pre-acquisition Due Diligence of Forest Product Equipment Manufacturer, Confidential Client, US and Canada, 2014. Managed the due diligence and compliance assessment of forest product machinery manufacturing company that included manufacturing facilities in the US and Canada and numerous legacy facilities. Managed technical staff from multiple offices to assess traditional soil and groundwater issues and the robustness of environmental and incident prevention programs.

Project Manager, 700MW Power Plant Pre-acquisition Strategic Due Diligence, Confidential Client, Victorville, California, 2012: managed the strategic environmental due diligence for this power plant acquisition including a standard Phase I ESA scope and three key compliance and operational issues related to ongoing plant operation. Mr. Molinario coordinated URS specialists to evaluate cooling water permitting and future transition to reclaimed water to reduce uncertainty from California aqueduct supply, assess air emissions compliance under current and proposed regulations, and estimate the potential costs and impacts of greenhouse gas allowance purchases under California's AB32 law.

Environmental Due Diligence of Asphalt Plants, Confidential Major Oil Client, Texas and New Mexico, Project Manager. Managed environmental due diligence of two asphalt plants located in Albuquerque and El Paso for a major oil client. Used internal company protocols and industry best practices to put environmental findings in context for sale of these assets. Reviewed environmental compliance and spill prevention plans to assess environmental risk from ongoing operations.

Pre-acquisition Due Diligence of Brake Parts Inc. Auto Parts Manufacturer, Confidential Client, California. Project Manager. Managed the due diligence and compliance assessment of this automotive part remanufacturing facility. Authored the environmental due diligence report under an extremely aggressive project schedule and prepared a scope for a Phase II investigation conducted by the target company prior to closing.

Project Manager, Due Diligence and Compliance Assistance of JSDU's Spin-off into Lumentum and Viavi, 2014-2015: Managed the spin-off due diligence and environmental compliance and permitting tasks required for the spin-off. Assisted the client with regulatory requirements under the Connecticut Transfer Act and local regulations across the portfolio.

Project Manager, Divestiture Due Diligence of an Electronics Service Division, Confidential Client, 2015: Managed the divestiture due diligence of 54 sites associated with the client's electronics services division across North America. Managed multiple ERM teams completing the expedited due diligence in three weeks.

Project Manager, Pre-divestiture due diligence of five power plants, Confidential Client, California, 2015: Managed the divestiture assessment of five natural gas-fired power plants located across California. Mr. Molinario planned the site due diligence to include additional items that may be raised by buyer due diligence including greenhouse gases and water usage. He reviewed the environmental due diligence reports and managed ERM resources from multiple offices working concurrently.

USPS, Environmental Compliance Reviews, Multiple Locations in California. Facility audits at large USPS mail processing plants and vehicle maintenance facilities. These multi-media audits assessed compliance with environmental and other regulations at the federal, state, and local level. Performed audits, wrote findings, and produced reports documenting findings. Also responsible for the operation of the findings database (EMIS) used to store and merge findings from multiple facilities.

Project Auditor, Compliance Auditing of Data Center, Santa Clara, California, Confidential Client. Assessed data center operations for compliance with environmental and health and safety regulations. This assessment included air emissions, hazardous materials storage and reporting, and stormwater compliance.

Steve A. Williams, P.G.

Partner



Mr. Steve Williams is a Partner with ERM based in Irvine, California. He is an experienced Program Manager and Project Geologist/Hydrogeologist overseeing a wide variety of environmental and hydrogeologic investigations, remediation, environmental compliance, environmental permitting, and environmental construction projects at diverse and/or controversial sites with multiple stakeholders.

Mr. Williams has managed environmental projects for commercial, industrial, municipal, and federal clients focusing on sites in Southern California. Recent projects involve construction management, environmental compliance; storm water management; air compliance; soil, soil gas, and groundwater investigations; remedial actions; potable water supply well design and installation; and facility upgrade projects. He guides projects to completion while promoting the importance of health and safety, client service, work quality, and project schedule and cost control.

Mr. Williams regularly interfaces with local, state, and federal regulatory officials overseeing projects including the SCAQMD, DTSC, RWQCB, CEC, EPA, and other various county and local regulatory agencies. He leads and presents client, public, and regulatory meetings, and is the client focal point for regulatory interaction. His approach to managing sites is to engage clients to discuss their goals and objectives, project variables, and stakeholder concerns. He outlines potential or recommended scope of work to drive the project to completion.

Professional Affiliations & Registrations

- Certified Professional Geologist, CA #7065
- Certified Professional Geologist, AR #1994
- Certified Hydrogeologist, CA #721

Fields of Competence

- Environmental Construction Management
- Environmental Compliance
- Phase I/II ESAs
- Preliminary Endangerment Assessments
- Geologic/Hydrogeologic Investigations
- Monitoring and Production Well Design/Installation
- Aquifer Testing
- Capture Zone Assessment
- Groundwater Monitoring
- Soil Gas Investigations
- Remedial Planning and Implementation

Education

- M.S. Geology/Hydrogeology, California State University, Fullerton
- B.S. Geology/Hydrogeology, California State University, Fullerton

Languages

- English, native speaker

Key Industry Sectors

- Government
- Power

Key Projects

RCRA Facility Investigation, Environmental Construction, Permitting Support Oversight, El Segundo, CA, NRG Energy, 2010-2013. Project Manager

The project consisted of demolition of a natural gas powered water cooled energy plant and construction of a new 560 megawatt power generating facility. Project involved environmental compliance management; storm water management; air compliance; various permitting tasks; materials testing; waste management; hazardous and nonhazardous waste characterization; soil, soil gas, and groundwater sampling; excavation oversight; well abandonments; Ecological and Human Health Risk Assessments; concrete, soil, and materials testing for PCBs and remediation of PCBs, metals, TPH, and VOC impacted soil and groundwater. Also involved direct working relationship with the California Energy Commission (CEC), California Department of toxic Substance Control (DTSC), Regional Water Quality Control Board (RWQCB), Air Quality Management District (AQMD), the City of El Segundo and Manhattan Beach, and Federal EPA TSCA.

Environmental Investigations and Site Remediation, Los Angeles County, CA, Los Angeles Unified School District, 2000-2013. Project Manager

Managed numerous environmental investigations and remediation projects to facilitate the construction of new schools and site upgrades at existing schools. Performed subsurface investigations and remedial actions on dozens of sites worth over \$20 million. Typical scope of work consisted of conducting Environmental Data Reports (EDRs); Phase Is; 1440 Sampling; Preliminary Endangerment Assessments (PEA) and Supplemental Site Investigations (SSIs) for soil, soil gas, and groundwater; groundwater monitoring; remedial investigations (RI) and feasibility studies (FS); geologic hazard assessments; remedial action work plans and plans (RAWs and RAPs); human health risk evaluations (HHRAs); remedial actions; construction management; closure activities; AQMD Permitting; CEQA Support; property condition assessments; waste management; and public outreach support. Led project and managed team, and attended and presented at project meetings with client project and program managers, other team consultants, the Department of Toxic Substance Control (DTSC), and the public.

ITT, Xylem, and Excelis, Various Sites, US, 2008-2013. Regional Program Manager

Oversaw a wide variety of projects including Phase Is, Remedial Investigations (RIs), Remedial Process Optimizations, Treatment System Repair/Upgrades, PCB assessments, Remedial Technology Evaluations, Conceptual Site Models (CSMs) and CSM updates, and groundwater monitoring programs. The RIs consisted of soil, soil gas, and groundwater investigations, and included the use of various field techniques including MIP, HPT, CPT, direct push, HSA and Sonic drilling. Remedial treatment systems evaluated included groundwater and dual phase extraction systems. CSMs were developed using Environmental Sequence Stratigraphy techniques.

Environmental Investigations and Remediation, Southwest United States, Chrysler Corporation, 1995-2013. Program Manager

Supported the client program manager and oversaw Chrysler opportunities. Used a team of project managers and professionals to conduct the site investigations and remedial actions. Scope of work included Phase I Site Assessments, Phase II Site investigations, groundwater monitoring and remedial actions, property condition assessments and hazardous material assessments, and site cleanups.

Appendix I

Land Use and Planning



Appendix I1

Consistency with Fresno County General Plan



APPENDIX I1

Consistency with Fresno County General Plan

I.1 Approach to Analysis

Pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15125(d), this analysis describes applicable general plans and regional plans and policies and the manner in which they apply to the Luna Valley Solar Project (the Project), and then evaluates the consistency of the Project with these plans and policies. Each environmental resource section in Chapter 4, *Environmental Analysis*, identifies the applicable statutes, regulations, ordinances, plans, policies, and standards that pertain to that resource. The following analysis specifically addresses the Project’s consistency with the Fresno County General Plan. The consistency analysis for other applicable plans, policies, and regulations is provided in the pertinent topical sections of Chapter 4, in the context of the subject resource area. **Table I1-1** provides an index of such discussions, listing both CEQA significance criteria and location in this document where the reader can find the impact evaluation.

The Fresno County General Plan contains seven policy elements that guide physical development within the County: Economic Development; Agriculture and Land Use; Transportation and Circulation; Public Facilities and Services; Open Space and Conservation; Health and Safety; and Housing. Consistent with CEQA Guidelines section 15125(d), General Plan policies that are not relevant to the Project are not discussed here. For example, policies guiding County review of specific plans or policies related to land use designations that are not present within the Project boundary are not addressed.

Because the policy language found in a general plan is susceptible to varying interpretations, it is often difficult to determine whether a proposed project is consistent or inconsistent with such policies. Furthermore, because plans often contain numerous policies emphasizing differing legislative goals, a project may be consistent with a general plan, taken as a whole, even though it may appear to be inconsistent with specific policies within the plan. The board or commission that enacted the plan or policy generally determines the meaning of such policies; these interpretations prevail if they are “reasonable,” even though other reasonable interpretations may also exist. In light of these considerations, the consistency evaluation in this Draft EIR reflects the County’s determination that, as a whole, that the Project is consistent with applicable plans and policies.¹ Finally, the Project is compared to policies in each of the General Plan elements.

¹ Direct and indirect physical impacts resulting from Project implementation are not addressed in this section, but in the appropriate technical sections of this Draft EIR (See Chapter 4, *Environmental Analysis*). Any conflict between the Project and General Plan policies that relates to physical environmental issues are discussed in Chapter 4. The compatibility of the Project with Fresno County General Plan policies that do not relate to physical environmental issues

**TABLE I1-1
 CEQA SIGNIFICANCE CRITERIA REQUIRING EVALUATION OF
 CONSISTENCY WITH PLANS AND POLICIES**

Significance Criteria (from Appendix G of the CEQA Guidelines)	EIR Section
Substantially damage scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state or locally designated scenic highway	Section 4.2, <i>Aesthetics</i>
Conflict with existing zoning for agricultural use, or a Williamson Act contract	Section 4.3, <i>Agriculture and Forestry Resources</i>
Conflict with or obstruct implementation of the applicable air quality plan	Section 4.4, <i>Air Quality</i>
Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance	Section 4.5, <i>Biological Resources</i>
Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.	Section 4.5, <i>Biological Resources</i>
Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs.	Section 4.9, <i>Greenhouse Gas Emissions</i>
Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.	Section 4.12, <i>Land Use and Planning</i>
Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan	Section 4.13, <i>Mineral Resources</i>
Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies	Section 4.14, <i>Noise and Acoustics</i>
Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit.	Section 4.18, <i>Transportation</i>
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities.	Section 4.18, <i>Transportation</i>

Tables I1-2 through I1-6 summarizes the Project’s consistency with applicable objectives, goals, and policies of the Fresno County General Plan is discussed below. As shown in the table, after the implementation of the various mitigation measures identified in this Draft EIR, the Project would be consistent with applicable objectives, goals, and policies.

I.2 Consistency with the Fresno County General Plan Agriculture and Land Use Element

The Agriculture and Land Use Element describes the Countywide land use concept and is intended to help the County achieve integrated and coordinated land use, open space, and transportation by defining areas of intended growth and areas that should be preserved.

will be considered by decision-makers as part of their decision about whether to approve or deny the Project. Any potential conflicts identified as part of the process would not alter the physical environmental effects of the Project.

The Project site is zoned AE20, Exclusive Agricultural with a minimum lot size of 20 acres (Fresno County 2011). As indicated in Section 816 of the Fresno County Zoning Code, permitted uses in AE districts include raising livestock, poultry, and plant crops; single-family residences and accessory and farm buildings; and other agricultural and home occupation uses. Electrical transmission and distribution substations are allowed in AE districts subject to director review and approval (Section 816.2(D)). Additionally, Fresno County processes PV solar facilities through the Unclassified Conditional Use Permit process based on Section 853.B(14) of the Zoning Ordinance. Although the Project would occupy land designated as agriculture, it would not conflict with the County’s preservation and conservation objectives. The Project’s physical environmental impacts on habitat, recreation, scenic values, mineral resource extraction, and natural resource preservation are discussed in Chapter 4 of this Draft EIR. **Table I1-2** evaluates the Project’s consistency with the Countywide agriculture and land use policies.

**TABLE I1-2
FRESNO COUNTY GENERAL PLAN AGRICULTURE AND LAND USE ELEMENT POLICIES**

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy LU-A.1: The County shall maintain agriculturally-designated areas for agriculture use and shall direct urban growth away from valuable agricultural lands to cities, unincorporated communities, and other areas planned for such development where public facilities and infrastructure are available.</p>	<p>Consistent. The Project site is zoned AE20, Exclusive Agricultural. As indicated in Section 816.2(D) of the Fresno County Zoning Code, permitted uses in AE districts include electrical transmission and distribution.</p>
<p>Policy LU-A.2: The County shall allow by right in areas designated Agriculture activities related to the production of food and fiber and support uses incidental and secondary to the on-site agricultural operation. Uses listed in Table LU-3 are illustrative of the range of uses allowed in areas designated Agriculture.</p>	<p>Consistent. The Project site is zoned AE20, Exclusive Agricultural. As indicated in Section 816.2(D) of the Fresno County Zoning Code, permitted uses in AE districts include electrical transmission and distribution.</p>
<p>Policy LU-A.3: The County may allow by discretionary permit in areas designated Agriculture, special agricultural uses and agriculturally-related activities, including value added processing facilities, and certain non-agricultural uses listed in Table LU-3. Approval of these and similar uses in areas designated Agriculture shall be subject to the following applicable criteria:</p> <ul style="list-style-type: none"> a. The use shall provide a needed service to the surrounding agricultural area which cannot be provided more efficiently within urban areas or which requires location in a non-urban area because of unusual site requirements or operational characteristics; b. The use should not be sited on productive agricultural lands if less productive land is available in the vicinity; c. The operational or physical characteristics of the use shall not have a detrimental impact on water resources or the use or management of surrounding properties within at least one-quarter (1/4) mile radius; d. A probable workforce should be located nearby or be readily available 	<p>Not applicable. The policies pertain to County policy actions that are not related to the Project or review of its associated permit applications.</p>
<p>Policy LU-A.4: The County shall require that the recovery of mineral resources and the exploration and extraction of oil and natural gas in areas designated Agriculture comply with the Mineral Resources Section of the Open Space and Conservation Element.</p>	<p>Not Applicable. The Project does not include mineral resources recovery of oil and natural gas extraction.</p>
<p>Policy LU-A.5: The County shall allow the Agricultural Commercial (AC) center zone district to remain in areas designated Agriculture if the land was so zoned prior to September 20, 1990. Commercial uses legally established prior to that date shall be deemed conforming, but expansion or the addition of new commercial uses shall require a discretionary permit as provided in Policy LU-A.3.</p>	<p>Not Applicable. The Project site is zoned AE20, Exclusive Agricultural.</p>

TABLE I1-2 (CONTINUED)
FRESNO COUNTY GENERAL PLAN AGRICULTURE AND LAND USE ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy LU-A.6: The County shall maintain twenty (20) acres as the minimum permitted parcel size in areas designated Agriculture, except as provided in Policies LU-A.9, LUA. 10, and LU-A.11. The County may require parcel sizes larger than twenty (20) acres based on zoning, local agricultural conditions, and to help ensure the viability of agricultural operations.</p>	<p>Not Applicable. The Project does not include subdivision of land into smaller parcels.</p>
<p>Policy LU-A.7: The County shall generally deny requests to create parcels less than the minimum size specified in Policy LU-A.6 based on concerns that these parcels are less viable economic farming units, and that the resultant increase in residential density increases the potential for conflict with normal agricultural practices on adjacent parcels. Evidence that the affected parcel may be an uneconomic farming unit due to its current size, soil conditions, or other factors shall not alone be considered a sufficient basis to grant an exception. The decision-making body shall consider the negative incremental and cumulative effects such land divisions have on the agricultural community.</p>	<p>Not Applicable. The Project does not include subdivision of land into smaller parcels.</p>
<p>Policy LU-A.8: The County shall allow by right on each parcel designated Agriculture and zoned for agricultural use one (1) single family residential unit. One (1) additional single family residential unit shall be allowed for each twenty (20) acres in excess of twenty (20) acres where the required minimum parcel size is twenty (20) acres. One (1) additional single family residential unit shall be allowed for each forty (40) acres in excess of forty (40) acres where the required minimum parcel size is forty (40) acres. The County may, by discretionary permit, allow a second unit on parcels otherwise limited by this policy to a single unit.</p>	<p>Not Applicable. The Project does not propose any dwelling units.</p>
<p>Policy LU-A.9: The County may allow creation of homesite parcels smaller than the minimum parcel size required by Policy LU-A.6, if the parcel involved in the division is at least twenty (20) acres in size, subject to the following criteria: a. The minimum lot size shall be sixty thousand (60,000) square feet of gross area, except that a lesser area shall be permitted when the owner submits evidence satisfactory to the Health Officer that the soils meet the Water Quality Control Board Guidelines for liquid waste disposal, but in no event shall the lot be less than one (1) gross acre; and b. One of the following conditions exists: 1. A lot less than twenty (20) acres is required for financing construction of a residence to be owned and occupied by the owner of abutting property; or 2. The lot or lots to be created are intended for use by persons involved in the farming operation and related to the owner by adoption, blood, or marriage within the second degree of consanguinity, there is only one (1) lot per related person, and there is no more than one (1) gift lot per twenty (20) acres; or 3. The present owner owned the property prior to the date these policies were implemented and wishes to retain his/her homesite and sell the remaining acreage for agricultural purposes. Each homesite created pursuant to this policy shall reduce by one (1) the number of residential units otherwise authorized on the remainder parcel created from the original parcel. The remainder parcel shall be entitled to no less than one residential unit.</p>	<p>Not Applicable. The Project does not propose an agricultural commercial center.</p>
<p>Policy LU-A.10: The County may allow by discretionary permit creation of substandard lots when necessary for the development of an agricultural commercial center pursuant to Policy LU-A.3 or in conjunction with development within a designated commercial interchange within the Westside Freeway Corridor Overlay. Approval of such parcels shall take into consideration the proposed use of the property, surrounding uses, and the potential for abandonment of the planned commercial use at a future date. Appropriate conditions shall be applied to minimize adverse impacts on surrounding agricultural operations. Parcels for agricultural commercial centers shall in no case be less than one (1) gross acre.</p>	<p>Not Applicable. The Project does not propose an agricultural commercial center.</p>

TABLE I1-2 (CONTINUED)
FRESNO COUNTY GENERAL PLAN AGRICULTURE AND LAND USE ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy LU-A.11: The County may allow by discretionary permit creation of substandard size lots when such action is deemed necessary by the Board of Supervisors for the recovery of mineral resources and the exploration and extraction of oil and gas in accordance with the policies of Section OS-C, Mineral Resources, of the Open Space and Conservation Element. In no case shall such action result in creation of lots less than five (5) gross acres in size.</p>	<p>Not Applicable. The Project does not include mineral resources recovery of oil and natural gas extraction.</p>
<p>Policy LU-A.12: In adopting land uses policies, regulations and programs, the County shall seek to protect agricultural activities from encroachment of incompatible land uses.</p>	<p>Consistent. This policy is intended to guide the efficient use of land within the County. The General Plan acknowledges the need to provide the necessary infrastructure, services, and resources to accommodate planned growth. The Project would not be an inefficient use of land because it would not adversely affect the County's ability to direct growth into strategically located centers or existing developed areas; rather, it would be remotely located but would serve the County's anticipated growth.</p> <p>This Draft EIR represents the process of evaluating the Project's impacts to the environment, infrastructure, and services, and the County will consider its impacts to the economy when making decisions regarding approval or disapproval of the permit applications.</p>
<p>Policy LU-A.13: The County shall protect agricultural operations from conflicts with nonagricultural uses by requiring buffers between proposed non-agricultural uses and adjacent agricultural operations.</p>	<p>Consistent. The Project would maintain a buffer between the Project and adjacent agricultural operations and would implement a reclamation plan to return the site to a state of readiness for agricultural use after Project decommissioning. The Project would be subject to review as part of the UCUP process. Section 4.3, <i>Agriculture and Forestry Resources</i> discusses potential impacts to agricultural resources.</p>
<p>Policy LU-A.14: The County shall ensure that the review of discretionary permits includes an assessment of the conversion of productive agricultural land and that mitigation be required where appropriate.</p>	<p>Consistent. The Project site is zoned AE20, Exclusive Agricultural. As indicated in Section 816.2(D) of the Fresno County Zoning Code, permitted uses in AE districts include electrical transmission and distribution substations.</p>
<p>Policy LU-A.15: The County shall generally condition discretionary permits for residential development within or adjacent to agricultural areas upon the recording of a Right-to-Farm Notice, which is an acknowledgment that residents in the area should be prepared to accept the inconveniences and discomfort associated with normal farming activities and that an established agricultural operation shall not be considered a nuisance due to changes in the surrounding area.</p>	<p>Consistent. Although the Project does not include residential development, the Applicant would be required to record with the County recorder a Right-to-Farm Notice indicating that adjacent agricultural operations shall not become a nuisance due to the changed condition of the Project site.</p>
<p>Policy LU-A.16: The County should consider the use of agricultural land preservation programs that improve the competitive capabilities of farms and ranches, thereby ensuring long-term conservation of viable agricultural operations. Examples of programs to be considered should include: land trusts; conservation easements; dedication incentives; new and continued Williamson Act contracts; Farmland Security Act contracts; the California Farmland Conservancy Program Fund; agricultural education programs; zoning regulations; agricultural mitigation fee program; urban growth boundaries; transfer of development rights; purchase of development rights; and agricultural buffer policies.</p>	<p>Not Applicable. The Project does not conflict with the County's ability to establish agricultural preservation programs. The Project site is not under Williamson Act contract.</p>

TABLE I1-2 (CONTINUED)
FRESNO COUNTY GENERAL PLAN AGRICULTURE AND LAND USE ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy LU-A.17: The County shall accept California Land Conservation contracts on all designated agricultural land subject to location, acreage, and use limitations established by the County.</p>	<p>Not Applicable. The Project site is not under Williamson Act contract and project implementation would not conflict with the County's ability to review Williamson Act contracts.</p>
<p>Policy LU-A.18: The County shall encourage land improvement programs to increase soil productivity in areas containing lesser quality agricultural soils.</p>	<p>Not Applicable. The Project would not conflict with the County's ability to encourage land improvement programs.</p>
<p>Policy LU-A.19: The County shall encourage landowners to participate in programs that reduce soil erosion and increase soil productivity. To this end, the County shall promote coordination between the Natural Resources Conservation Service, Resource Conservation Districts, UC Cooperative Extension, and other agencies and organizations.</p>	<p>Consistent. Section 4.8, <i>Geology, Soils, and Paleontological Resources</i> includes an evaluation of potential erosion-related impacts, and associated mitigation. The Project would comply with a Construction General Permit, and implementation of a Stormwater Pollution Prevention Plan (SWPPP) would limit the impact of construction-related soil erosion by enacting best management practices (BMPs) to address sediment control and limit erosion, such as installation of silt fencing and implementation of temporary sediment disposal measures. Operation of the Project would not include activities that are likely to cause erosion. Following construction, the site would be replanted with a rangeland seed mix of grasses and forage crops if required.</p>
<p>Policy LU-A.20: Water Resources. The County shall adopt and support policies and programs that seek to protect and enhance surface water and groundwater resources critical to agriculture.</p>	<p>Generally Consistent. The impact of the Project on surface water quality would be less than significant, surface water movement and infiltration is not expected to change significantly. Additionally, the Project would have a less than significant impact on groundwater supplies and groundwater recharge.</p>
<p>Program LU-A.C: The County shall develop and implement guidelines for design and maintenance of buffers to be required when new non-agricultural uses are approved in agricultural areas. Buffer design and maintenance guidelines shall include, but not be limited to, the following:</p> <ol style="list-style-type: none"> a. Buffers shall be physically and biologically designed to avoid conflicts between agriculture and non-agricultural uses. b. Buffers shall be located on the parcel for which a permit is sought and shall protect the maximum amount of farmable land, c. Buffers generally shall consist of a physical separation between agricultural and non-agricultural uses. The appropriate width shall be determined on a site-by-site basis taking into account the type of existing agricultural uses, the nature of the proposed development, the natural features of the site, and any other factors that affect the specific situation. d. Appropriate types of land uses for buffers include compatible agriculture, open space and recreational uses such as parks and golf courses, industrial uses, and cemeteries. e. The County may condition its approval of a project on the ongoing maintenance of buffers. f. A homeowners' association or other appropriate entity shall be required to maintain buffers to control litter, fire hazards, pests, and other maintenance problems. 	<p>Consistent. A Pest Management Plan would be implemented to control the introduction or establishment of pests or weeds during Project activities. Implementation of this plan would prevent the Project site from becoming a nuisance to adjacent agricultural operations through the introduction of pests or weeds. Consistent with the Fresno County Solar Facility guidelines, the Project would include a sufficient buffer to minimize impacts of the operation to adjacent properties.</p>

TABLE I1-2 (CONTINUED)
FRESNO COUNTY GENERAL PLAN AGRICULTURE AND LAND USE ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
g. Buffer restrictions may be removed if agricultural uses on all adjacent parcels have permanently ceased. (See Policy LU-A.16)	
Program LU-A.E: The County shall continue to implement the County's Right-to-Farm Ordinance, and will provide information to the local real estate industry to help make the public aware of the right-to-farm provisions in their area. (See Policy LU-A.15)	Consistent. Although the Project does not include residential development, the Applicant would be required to record with the County recorder a Right-to-Farm Notice indicating that adjacent agricultural operations shall not become a nuisance due to the changed condition of the Project site.
Policies LU-B.1 – LU-B.14	Not Applicable. The Project is not Located within the Westside Rangelands Area.
Policies LU-C.1 – LU-C.10	Not Applicable. The Project is not Located within the River Influence Areas.
Policies LU-D.1 – LU-D.7	Not Applicable. The Project is not Located within the Westside Freeway Corridor.
Policies LU-E.1 – LU-E.28	Not Applicable. The Project does not include Rural Residential development.
Policies LU-F.1 – LU-F.42	Not Applicable. The Project does not include Urban Transit, Residential, Commercial, or Industrial development.
Policies LU-G.1 – LU-G.23	Not Applicable. The Project is not Located within the incorporated or City fringe areas or an unincorporated community.

I.3 Consistency with Other Elements of the Fresno County General Plan

I.3.1 Transportation and Circulation Element

Fresno County’s General Plan includes policies regarding access and safety standards of roadway facilities, bike facilities, and public transit. Although the General Plan seeks to coordinate multiple forms of transportation, including cars, commercial vehicles, buses, transit, bicycles, and pedestrian traffic, the General Plan does not contain specific policies governing pedestrian traffic. Fresno County also has adopted a Regional Bicycle and Recreational Trails Master Plan (Fresno County 2013) that addresses non-motorized transportation systems and identifies barriers to trails and bikeways.

The Project would not conflict with the objectives and policies of the Transportation and Circulation Element. As described in Section 4.18, *Transportation and Traffic*, no public transportation services or dedicated pedestrian or bicycle facilities are on roads that access the Project site, and neither State Route (SR) 33 nor other roadways that would be traveled by Project traffic are listed within the Transportation and Circulation Element as an “existing or planned bikeway.” The traffic generated by the Project would have a less than significant impact on levels of service on area roadways after the incorporation of Mitigation Measure 4.18-1, Construction and Decommissioning Traffic Management Plan. Similarly, the Project site would not introduce a

barrier to non-motorized travel. Although the Project would not be located near mass transit services, it would not impede the future development of the types of circulation systems envisioned by the General Plan because it would not occupy land that would be needed to create transportation corridors or result in any other long-term changes that would adversely affect transportation in the County.

Project consistency with specific Transportation and Circulation Element policies is presented in **Table I1-3** below.

**TABLE I1-3
 FRESNO COUNTY GENERAL PLAN TRANSPORTATION AND CIRCULATION ELEMENT POLICIES**

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy TR-A.3: The County shall require that new or modified access to property abutting a roadway and to intersecting roads conform to access specifications in the Circulation Diagram and Standards section. Exceptions to the access standards may be permitted in the manner and form prescribed in the Fresno County Zoning and Subdivision Ordinances, provided that the designed safety and operational characteristics of the existing and planned roadway facility will not be substantially diminished.</p>	<p>Consistent. Project related traffic would have a less than significant impact related to local roadways abutting the Project site after the implementation of Mitigation Measure 4.18-1. Design and construction of Project access road intersections would conform with Fresno County standards (per General Plan Policies). Among the applicable requirements are rights-of-way and setback requirements.</p>
<p>Policy TR-A.5: The County shall require dedication of right-of-way or dedication and construction of planned road facilities as a condition of land development, and require an analysis of impacts of traffic from all land development projects including impacts from truck traffic. Each such project shall construct or fund improvements necessary to mitigate the effects of traffic from the project. The County may allow a project to fund a fair share of improvements that provide significant benefit to others through traffic impact fees.</p>	<p>Consistent. An assessment of potential traffic impacts, including truck traffic, is provided in Section 4.18.</p>
<p>Policy TR-A.8: The County shall ensure that land development that affects roadway use or operation or requires roadway access to plan, dedicate, and construct required improvements consistent with the criteria in the Circulation Diagram and Standards section of this element.</p>	<p>Consistent. Local access to the Project site is provided from West Manning Avenue and West South Avenue. These roads primarily serve agriculturally-related traffic, with corresponding low existing traffic volumes.</p>

I.3.2 Public Facilities and Services Element

The Public Facilities and Services Element of the Fresno County General Plan contains goals, policies, and implementation program measures to ensure public facilities and services are adequately available and accessible in a timely fashion to serve new development. The Project’s impacts with respect to public services, including police, fire, and education services, are primarily addressed in Sections 4.16, *Public Services*, and 4.10, *Hazards and Hazardous Materials*. Project consistency with specific Public Facilities and Services Element policies is presented in **Table I1-4** below.

**TABLE I1-4
FRESNO COUNTY GENERAL PLAN PUBLIC FACILITIES AND SERVICES ELEMENT POLICIES**

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy PF-C.3: To reduce demand on the County's groundwater resources, the County shall encourage the use of surface water to the maximum extent feasible.</p>	<p>Consistent. The Project would have a less than significant impact to groundwater resources. Groundwater extraction associated with construction, operation, and decommissioning would not cause substantial depletion of the groundwater basin. An analysis of the Project's impact to groundwater resources is provided in Section 4.11, <i>Hydrology and Water Quality</i>.</p>
<p>Policy PF-C.25: The County shall require that all new development within the County use water conservation technologies, methods, and practices as established by the County.</p>	<p>Consistent. The Project would comply with the Fresno County Water Conservation Ordinance (Effective October 30, 2014). The Project would comply with water conservation measures outlined in the ordinance, as necessary.</p>
<p>Policy PF-D.6: The County shall permit individual on-site sewage disposal systems on parcels that have the area, soils, and other characteristics that permit installation of such disposal facilities without threatening surface or groundwater quality or posing any other health hazards and where community sewer service is not available and cannot be provided.</p>	<p>Consistent. The Project would use portable restrooms or a septic system, which would be installed for sanitary facilities in the O&M building. If an in-ground septic system is constructed it would include a 750-gallon septic tank and an approximately 3,000 square foot leech field. Either the septic tank and leech field or portable restrooms would be installed and maintained in accordance with County and state requirements.</p>
<p>Policy PF-E.7: The County shall require new development to pay its fair share of the costs of Fresno County storm drainage and flood control improvements within unincorporated areas.</p>	<p>Consistent. The Project is not located in an area with an existing or planned stormwater drainage system.</p>
<p>Policy PF-E.11: The County shall encourage project designs that minimize drainage concentrations and maintain, to the extent feasible, natural site drainage patterns.</p>	<p>Consistent. The Project would not substantially alter the existing drainage pattern of the area. The Project would be designed to minimize substantial alterations to drainage patterns on the Project site. The slight increase in runoff generated from the impervious surfaces would likely infiltrate into the ground over a short distance. Rain falling onto the solar arrays would drain onto the ground underneath, which would remain pervious.</p>
<p>Policy PF-E.13: The County shall encourage the use of natural storm water drainage systems to preserve and enhance natural drainage features.</p>	<p>Consistent. The Project is not located in an area with an existing or planned stormwater drainage system.</p>
<p>Policy PF-E.14: The County shall encourage the use of retention-recharge basins for the conservation of water and the recharging of the groundwater supply.</p>	<p>Consistent. Runoff generated from the impervious surfaces would be minimal and likely infiltrate into the ground over a short distance. Rain falling onto the solar arrays would drain onto the ground underneath, which would remain pervious.</p>
<p>Policy PF-E.21: The County shall require the use of feasible and practical best management practices (BMPs) to protect streams from the adverse effects of construction activities, and shall encourage the urban storm drainage systems and agricultural activities to use BMPs.</p>	<p>Consistent. None of the new impervious surfaces would be adjacent to or otherwise directly connected to a stream.</p>
<p>Policy PF-F.1: The County shall continue to promote maximum use of solid waste source reduction, reuse, recycling, composting, and environmentally-safe transformation of wastes.</p>	<p>Consistent. The Project would be required to comply with Fresno County's Construction and Demolition (C&D) Debris Recycling Program which requires a Waste Management Plan for recycling a minimum of 50 percent of all non-hazardous waste. Wooden construction waste would be sold, recycled, or chipped and spread on the Project site for weed control as appropriate. Other compostable materials, such as vegetation, might also be composted off-site. Operation and maintenance activities would produce negligible volumes of solid and liquid wastes that would be disposed of in accordance with all applicable requirements.</p>

TABLE I1-4 (CONTINUED)
FRESNO COUNTY GENERAL PLAN PUBLIC FACILITIES AND SERVICES ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy PF-F.4: The County shall ensure that all new development complies with applicable provisions of the County Integrated Waste Management Plan.</p>	<p>Consistent. The Project would generate solid waste during construction, operation and maintenance, and decommissioning activities. All handling and processing of construction, demolition, and inert debris would be in accordance with applicable regulatory requirements. Landfill waste generated by the Project would not exceed its permitted daily tonnage or deplete substantial long-term capacity.</p>
<p>Policy PF-J.3: The County shall require all new residential development along with new urban commercial and industrial development to underground utility lines onsite.</p>	<p>Generally Consistent. The Project would include both underground and overhead interconnection and distribution lines.</p>
<p>Goal PF-G. To protect life and property by deterring crime and ensuring the prompt an efficient provision of law enforcement service and facility needs to meet the growing demand for police services associated with an increasing population.</p>	<p>Consistent. The Project would not conflict with the County’s ability to provide efficient law enforcement services. Police protection primarily may be required for incidents such as the theft of construction equipment and/or vandalism of the Project. To ensure Facility security, offsite security personnel could be dispatched during nighttime hours or could be onsite. In addition, appropriate security measures would be implemented to ensure control of site access and minimize security risks.</p>
<p>Policy PF-G.2: The County shall strive to maintain a staffing ratio of two (2) sworn officers serving unincorporated residents per 1,000 residents served. (This count of officers includes all ranks of deputy sheriff personnel and excludes all support positions and all sworn officers serving county wide population interests such as bailiffs, and sworn officers serving contract cities and grant specific populations).</p>	<p>Consistent. The Project would not conflict with the County’s ability to meet the desired staffing ratio; the Project would not result in new residents that could contribute to the demand for police services.</p>
<p>Policy PF-G.6: The County shall promote the incorporation of safe design features (e.g., lighting, adequate view from streets into parks) into new development by providing Sheriff Department review of development proposals.</p>	<p>Consistent. Nighttime lighting for site security or maintenance requirements would be directed downward and shielded to focus illumination on the desired work areas only, and to prevent light spillage onto adjacent properties.</p>
<p>Goal PF-H. To ensure the prompt and efficient provision of fire and emergency medical facility and service needs, to protect residents of and visitors to Fresno County from injury and loss of life, and to protect property from fire.</p>	<p>Consistent. Temporary construction- or decommissioning-related increases in demand on fire protection services would not affect the ability of Fresno County Fire Protection District to respond to incidents within the recommended time periods. Operation personnel would not contribute to a significant population increase, and would not result in an increase to the demand for fire protection services or require new or altered facilities.</p>
<p>Policy PF-H.1: The County shall work cooperatively with local fire protection districts to ensure the provision of effective fire and emergency medical services to unincorporated areas within the county.</p>	<p>Consistent. The Project would not conflict with the County’s ability to provide effective emergency services. The Project would not result in new residents that could contribute to the demand for police services, and would incorporate onsite security measures.</p>
<p>Implementation Program PF-H.B: The County shall work with the California Department of Forestry and Fire Protection, local fire protection agencies, and city fire departments to maximize the use of resources to develop functional and/or operational consolidations and standardization of services and to maximize the efficient use of fire protection resources. (See Policy PF-H.1).</p>	<p>Consistent. The Project would not affect the County’s ability to develop interagency coordination.</p>

TABLE I1-4 (CONTINUED)
FRESNO COUNTY GENERAL PLAN PUBLIC FACILITIES AND SERVICES ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy PF-H.2: Prior to the approval of development projects, the County shall determine the need for fire protection services. New development in unincorporated areas of the County shall not be approved unless adequate fire protection facilities are provided.</p>	<p>Consistent. Increases in long-term demand for fire protection services typically are associated with substantial increases in population. Once operational, up to 4 workers could be on the site at any one time which would not contribute to a significant population increase, and would not result in an increase to the demand for fire protection services or require new or altered facilities.</p>
<p>Policy PF-H.5: The County shall require that new development be designed to maximize safety and minimize fire hazard risks to life and property.</p>	<p>Consistent. Section 4.20 includes an evaluation of potential fire hazards. The Project is not located in a zone of very high fire severity hazard as defined by CAL FIRE. Regardless, best management practice/ fire prevention measures would be implemented to minimize fire risk.</p>
<p>Policy PF-H.8: The County shall encourage local fire protection agencies in the County to maintain the following as minimum standards for average first alarm response times to emergency calls:</p> <ul style="list-style-type: none"> a. 5 minutes in urban areas; b. 15 minutes in suburban areas; and c. 20 minutes in rural areas. 	<p>Consistent. Temporary construction- or decommissioning-related increases in demand on fire protection services would not affect the Fresno County Fire Protection District's ability to respond to incidents within the recommended time periods.</p>
<p>Policy PF-H.10: The County shall ensure that all proposed developments are reviewed for compliance with fire safety standards by responsible local fire agencies per the Uniform Fire Code and other State and local ordinances.</p>	<p>Consistent. Section 4.20 includes an evaluation of potential fire hazards. The Project is not located in a zone of very high fire severity hazard as defined by CAL FIRE. Regardless, best management practice/ fire prevention measures would be implemented in order to minimize fire risk.</p>
<p>Policy PF-H.11: The County shall encourage local fire protection agencies to provide and maintain advanced levels of emergency medical services (EMS) to the public, consistent with current practice.</p>	<p>Consistent. The Project would not affect emergency response agencies' ability to provide and maintain advanced emergency services. Construction and operation would not require road closures that could affect emergency routes.</p>
<p>Goal PF-I. To provide for the educational needs of Fresno County and provide libraries for the educational, recreational, and literary needs of Fresno County residents.</p>	<p>Consistent. No residences are proposed as part of the Project, so it would not generate a demand for new school facilities, nor require the alteration of existing school facilities.</p>
<p>Policy PF-I.1: The County shall encourage school districts to provide quality educational facilities to accommodate projected student growth in locations consistent with land use policies of the General Plan.</p>	<p>Consistent. No residences are proposed as part of the Project, so it would not generate a demand for new school facilities, nor require the alteration of existing school facilities.</p>
<p>Policy PF-I.4: The County shall work cooperatively with school districts in monitoring housing, population, and school enrollment trends and in planning for future school facility needs and shall assist school districts in locating appropriate sites for new schools.</p>	<p>Consistent. No residences are proposed as part of the Project, so it would not generate a demand for new school facilities, nor require the alteration of existing school facilities.</p>

I.3.3 Open Space and Conservation Element

This purpose of this element is to guide the conservation, preservation, and/or development of open space and natural resources, including biological, cultural, mineral, and scenic resources. The Project's impacts with respect to species and habitat preservation, mineral resource extraction, and aesthetics are primarily addressed in Sections 4.2, *Aesthetics*, 4.5, *Biological Resources*, 4.6,

Cultural and Tribal Resources, and 4.13, *Mineral Resources*. The Project site intermittently has been cultivated for agricultural use for at least the past 10 years; no naturally occurring plant communities are present. The physical environmental impacts of the Project are described throughout the Draft EIR. Generally speaking, the Project would not contribute substantially to the degradation of natural resources after the implementation of mitigation measures. It would provide a source of renewable energy for use within California, increasing the productive capacity of the land while avoiding the types of pollution traditionally associated with fossil fuel energy sources.

The Open Space and Conservation Element of the Fresno County General Plan also evaluates the scenic resources of Fresno County and provides policies intended to protect the scenic resources of the County and ensure that development enhances those resources through various measures including identification, development review, acquisition, and other methods. The Project site has not been identified as a scenic resource. The Fresno County General Plan also includes policies intended to protect scenic resources along roadways of the County by identifying, developing, and maintaining scenic amenities along roads and highways in the County and ensuring that development enhances those resources. According to Policy OS-L.1, Fresno County has designated a system of scenic roadways that includes landscaped drives, scenic drives, and scenic highways. According to this element, the only designated scenic roadway in the vicinity of the Project site is Interstate 5 (5 miles west of the Project), which is designated as a scenic highway.

Project consistency with specific Open Space and Conservation Element policies is presented in **Table II-5** below.

**TABLE II-5
 FRESNO COUNTY GENERAL PLAN OPEN SPACE AND CONSERVATION ELEMENT POLICIES**

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy OS-A.25: The County shall minimize sedimentation and erosion through control of grading, cutting of trees, removal of vegetation, placement of roads and bridges, and use of off-road vehicles. The County shall discourage grading activities during the rainy season unless adequately mitigated to avoid sedimentation of creeks and damage to riparian habitat.</p>	<p>Consistent. Section 4.8, <i>Geology, Soils, and Paleontological Resources</i>, includes an evaluation of potential erosion-related impacts and associated mitigation. The Project would comply with a Construction General Permit, and implementation of a SWPPP would limit the impact of construction-related soil erosion by enacting BMPs to address sediment control and limit erosion, such as installation of silt fencing and implementation of temporary sediment disposal measures. Operation of the Project would not include activities that are likely to cause erosion. Following construction, the site could be replanted with low-growing plant species appropriate for maintaining soil quality. The Project does not include tree removal or construction in creeks or riparian areas.</p>
<p>Policy OS-A.26: The County shall continue to require the use of feasible and practical best management practices (BMPs) to protect streams from the adverse effects of construction activities and urban runoff.</p>	<p>Consistent. The new impervious surfaces would not be adjacent to or otherwise directly connected to a distinct drainage channel. Section 4.8, <i>Geology, Soils, and Paleontological Resources</i>, includes an evaluation of potential erosion-related impacts. The Project would comply with a Construction General Permit, and implementation of a SWPPP would limit the impact of construction-related soil erosion by enacting BMPs to address sediment control and limit erosion, such as installation of silt fencing and implementation of temporary sediment disposal measures. Operation of the Project would not include activities that are likely to cause erosion. Following construction, the site could be replanted with low-growing plant species appropriate for maintaining soil quality. The Project does not include tree removal or construction in creeks or riparian areas.</p>

TABLE I1-5 (CONTINUED)
FRESNO COUNTY GENERAL PLAN OPEN SPACE AND CONSERVATION ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>OS-C.1: Incompatible Mining Uses. The County shall not permit incompatible land uses within the impact area of existing or potential surface mining areas.</p>	<p>Consistent. There is no current surface mining onsite. There is no indication or evidence that the clay, silt, and sand present on the Project site would be suitable for aggregate production of statewide or regional significance. Aggregate resources are widely available throughout the region and neither the SMGB nor Fresno County has officially designated the area as an aggregate resource area or mineral deposit of statewide or regional significance.</p>
<p>OS-C.2: Mineral Resource Zones. The County shall not permit land uses incompatible with mineral resource recovery within areas designated as Mineral Resource Zone 2 (MRZ-2).</p>	<p>Consistent. The Project site is not within an MRZ.</p>
<p>OS-C.7: Mining Buffers. The County shall require that new non-mining land uses adjacent to existing mining operations be designed to provide a buffer between the new development and the mining operations. The buffer distance shall be based on an evaluation of noise, aesthetics, drainage, operating conditions, biological resources, topography, lighting, traffic, operating hours, and air quality.</p>	<p>Consistent. There are no active mining claims within 25 miles of the Project site, nor is there any locatable mineral extraction activity within the Project site boundary.</p>
<p>OS-C.10: Mineral Resource Lands Protection. The County shall not permit land uses that threaten the future availability of mineral resource or prelude future extraction of those resources.</p>	<p>Consistent. There is no current surface mining onsite. There is no indication or evidence that the materials present on the Project site would be suitable for aggregate production of statewide or regional significance. Neither the SMGB nor Fresno County has officially designated the area as an aggregate resource area or mineral deposit of statewide or regional significance.</p>
<p>OS-C.12: New Development Compatibility. The County shall ensure that new discretionary land use developments are compatible with existing and potential surface mining areas and operations as identified on the Mineral Resource Zone Maps prepared by the State Division of Mines and Geology and other mineral resource areas identified by the County.</p>	<p>Consistent. The Project site is not within an MRZ. There are no active mining claims within 25 miles of the Project site, nor is there any locatable mineral activity within the Project site boundary.</p>
<p>OS-C.13: Oil and Gas Regulation Areas. Fresno County shall be divided into three areas for the regulation of oil and gas development.</p> <p>A) Urban areas including all land within one- fourth mile of the planned urban boundaries shown on adopted community plans.</p> <p>B) Established oil and gas fields as determined and updated by the California Division of Oil and Gas, excluding urban areas except where specifically included in these policies.</p> <p>C) Non-urban areas including all land not within either established oil and gas fields or urban areas.</p>	<p>Consistent. California Department of Conservation, Geologic Energy Management Division (CalGEM), indicates there is one known oil or gas well located within the Project boundary. CalGEM advises that all wells identified on the Project site prior to, or during, development activities be tested for liquid and gas leakage.</p>
<p>Policy OS-E.1: The County shall support efforts to avoid the "net" loss of important wildlife habitat where practicable. In cases where habitat loss cannot be avoided, the County shall impose adequate mitigation for the loss of wildlife habitat that is critical to supporting special-status species and/or other valuable or unique wildlife resources. Mitigation shall be at sufficient ratios to replace the function, and value of the habitat that was removed or degraded. Mitigation may be achieved through any combination of creation, restoration, conservation easements, and/or mitigation banking. Conservation easements should include provisions for maintenance and management in perpetuity. The County shall recommend coordination with the U.S. Fish</p>	<p>Consistent. The Project site does contain potentially suitable migratory corridors and breeding or nesting habitat for wildlife species, including San Joaquin kit fox; burrowing owls and other raptors, including Swainson's hawk, red-tailed hawk; and migratory birds. Implementation of Mitigation Measures 4.5-1 through 4.5-3, including preconstruction nesting bird surveys, would prevent potential impacts to these species. The Project Applicant would provide Worker Environmental Awareness Training, pre-construction surveys, monitor ground disturbing activities, restrict project activities to designated staging and access areas, cover exposed trenches and pipes to prevent entrapment, and impose speed limits onsite.</p>

**TABLE I1-5 (CONTINUED)
 FRESNO COUNTY GENERAL PLAN OPEN SPACE AND CONSERVATION ELEMENT POLICIES**

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>and Wildlife Service and the California Department of Fish and Game to ensure that appropriate mitigation measures and the concerns of these agencies are adequately addressed. Important habitat and habitat components include nesting, breeding, and foraging areas, important spawning grounds, migratory routes, migratory stopover areas, oak woodlands, vernal pools, wildlife movement corridors, and other unique wildlife habitats (e.g., alkali scrub) critical to protecting and sustaining wildlife populations.</p>	
<p>Policy OS-E.2: The County shall require adequate buffer zones between construction activities and significant wildlife resources, including both on-site habitats that are purposely avoided and significant habitats that are adjacent to the project site, in order to avoid the degradation and disruption of critical life cycle activities such as breeding and feeding. The width of the buffer zone should vary depending on the location, species, etc. A final determination shall be made based on informal consultation with the U.S. Fish and Wildlife Service and/or the California Department of Fish and Game.</p>	<p>Consistent. Burrowing owl have the potential to winter or nest on the Project site. Preconstruction clearance surveys and other minimization measures as described in Mitigation Measure 4.5-1 would ensure that no birds are impacted during construction.</p>
<p>Policy OS-E.3: The County shall require development in areas known to have particular value for wildlife to be carefully planned and, where possible, located so that the value of the habitat for wildlife is maintained.</p>	<p>Consistent. The Project site does contain potentially suitable migratory corridors and breeding or nesting habitat for wildlife species, including San Joaquin kit fox; burrowing owls and other raptors, including Swainson’s hawk, red-tailed hawk,; and migratory birds. Implementation of Mitigation Measures 4.5-1 through 4.5-3, including preconstruction nesting bird surveys, would prevent potential impacts to these species. The Project Applicant would provide Worker Environmental Awareness Training, pre-construction surveys, monitor ground disturbing activities, restrict project activities to designated staging and access areas, cover exposed trenches and pipes to prevent entrapment, and impose speed limits onsite, and use wildlife-friendly fencing.</p>
<p>Policy OS-E.4: The County shall encourage private landowners to adopt sound wildlife habitat management practices, as recommended by the California Department of Fish and Game officials and the U.S. Fish and Wildlife Service.</p>	<p>Consistent. The Project Applicant would provide Worker Environmental Awareness training, pre-construction surveys, monitor ground disturbing activities, restrict project activities to designated staging and access areas, cover exposed trenches and pipes to prevent entrapment, and impose speed limits onsite.</p>
<p>Policy OS-E.6: The County shall ensure the conservation of large, continuous expanses of native vegetation to provide suitable habitat for maintaining abundant and diverse wildlife populations, as long as this preservation does not threaten the economic well-being of the County.</p>	<p>Consistent. This Project does not conflict with the County’s ability to implement land conservation.</p>
<p>Policy OS-E.9: Prior to approval of discretionary development permits, the County shall require, as part of any required environmental review process, a biological resources evaluation of the project site by a qualified biologist. The evaluation shall be based upon field reconnaissance performed at the appropriate time of year to determine the presence or absence of significant resources and/or special-status plants or animals. Such evaluation will consider the potential for significant impact on these resources and will either identify feasible mitigation measures or indicate why mitigation is not feasible.</p>	<p>Consistent. Section 3.5 contains an analysis of potential impacts to biological resources. The analysis presented in this section is based on a review of relevant literature, field reconnaissance surveys, and focused biological surveys. It also relies upon a Biological Resources Evaluation Report prepared by Tetra Tech (2020), which documents existing conditions and the findings of various biological surveys on the Project site and in the surrounding vicinity.</p>
<p>Policy OS-E.10: The County shall support State and Federal programs to acquire significant fish and wildlife</p>	<p>Not Applicable. The Project would not conflict with the County’s ability to support programs.</p>

TABLE I1-5 (CONTINUED)
FRESNO COUNTY GENERAL PLAN OPEN SPACE AND CONSERVATION ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
habitat areas for permanent protection and/or passive recreation use.	
Policy OS-E.16: The County should preserve, to the maximum extent practicable, significant wildlife migration routes such as the North Kings Deer Herd migration corridors and fawn production areas.	Consistent. Potential Impacts to migration routes are described in Section 4.5, <i>Biological Resources</i> . The Project site is within the Pacific Flyway, a significant avian migration route. The Mendota Wildlife Area, located approximately 4.5 miles east of the Project site, is a recognized stopover location for migratory birds travelling along the Pacific Flyway. The Project would not physically affect the Pacific Flyway. There are no other important migratory routes, corridors, or wildlife nursery sites near the Project site.
Policy OS-E.18: The County should preserve, to the maximum possible extent, areas defined as habitats for rare or endangered animal and plant species in a natural state consistent with State and Federal endangered species laws.	Consistent. There is potential habitat for burrowing owl, nesting raptors, and San Joaquin kit fox; however, pre-construction surveys will ensure nesting areas are avoided.
Policy OS-E.19: The County should preserve areas identified as habitats for rare or endangered plant and animal species primarily through the use of open space easements and appropriate zoning that restrict development in these sensitive areas.	Consistent. The Project site is zoned AE20, Exclusive Agricultural.
Policy OS-F.5: The County shall establish procedures for identifying and preserving rare, threatened, and endangered plant species that may be adversely affected by public or private development projects. The County shall require, as part of the environmental review process, a biological resources evaluation of the project site by a qualified biologist. The evaluation shall be based on field reconnaissance performed at the appropriate time of year to determine the presence or absence of significant plant resources and/or special-status plant species. Such evaluation shall consider the potential for significant impact on these resources and shall either identify feasible mitigation measures or indicate why mitigation is not feasible.	Consistent. A mixed species community dominated by crownscale covers 20.4 acres of the site. Implementation of Mitigation Measure 4.5-1 required development of a Rare Plant Strategy to evaluate options for safeguarding this community.
Policy OS-F.7: The County should encourage landowners to maintain natural vegetation or plant suitable vegetation along fence lines, drainage and irrigation ditches and on unused or marginal land for the benefit of wildlife.	Consistent. A mixed species community dominated by crownscale covers 20.4 acres of the site. Implementation of Mitigation Measure 4.5-1 required development of a Rare Plant Strategy to evaluate options for safeguarding this community.
Policy OS-G.12: The County shall continue, through its land use planning processes, to avoid inappropriate location of residential uses and sensitive receptors in relation to uses that include but are not limited to industrial and manufacturing uses and any other use which have the potential for creating a hazardous or nuisance effect.	Consistent. The nearest sensitive receptors to the Project site are rural residences located 1,500 feet from the Project site. Based on the results of a health risk assessment, the predicted worst case increase in cancer risk is below the San Joaquin Valley Air Pollution Control District (SJVAPCD) threshold. The Project would not be a significant source of criteria pollutant emissions or fugitive dust during operation and maintenance. With implementation of Mitigation Measure 4.4-2, impacts to sensitive receptors would be less than significant during construction, operation and maintenance, and decommissioning.
Policy OS-G.13: The County shall include fugitive dust control measures as a requirement for subdivision maps, site plans, and grading permits. This will assist in implementing the SJVAPCD's particulate matter of less than ten (10) microns (PM ₁₀) regulation (Regulation VIII). Enforcement actions can be coordinated with the Air District's Compliance Division.	Consistent. The Applicant would submit a Fugitive Dust Control Plan to the SJVAPCD for review and approval. The Dust Control Plan shall meet the requirements in Rule 8021-1 and incorporate the Regulation VIII recommended fugitive dust control measures to reduce PM ₁₀ emissions to the extent practical.

TABLE I1-5 (CONTINUED)
FRESNO COUNTY GENERAL PLAN OPEN SPACE AND CONSERVATION ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy OS-G.14: The County shall require all access roads, driveways, and parking areas serving new commercial and industrial development to be constructed with materials that minimize particulate emissions and are appropriate to the scale and intensity of use.</p>	<p>Consistent. All disturbed areas, including storage piles, which are not being actively used for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover.</p>
<p>Policy OS-G.15: The County shall continue to work to reduce PM₁₀ and PM_{2.5} emissions from County-maintained roads by considering shoulder treatments for dust control as part of road reconstruction projects.</p>	<p>Consistent. The Project does not involve road reconstruction. Construction and operation of the Project will be implemented in compliance with SJVAPCD's Regulation VIII, Fugitive PM₁₀ Prohibitions and the current PM_{2.5} Plan.</p>
<p>Policy OS-H.2: The County shall strive to maintain a standard of five (5) to eight (8) acres of County-owned improved parkland per one thousand (1,000) residents in the unincorporated areas.</p>	<p>Consistent. The Project would not be located on designated parkland, affect the amount of County-owned parkland, nor result in population growth within Fresno County. Therefore the Project would not conflict with the County's ability to maintain the parkland ratio established in this policy.</p>
<p>Goal OS-J: To identify, protect, and enhance Fresno County's important historical, archeological, paleontological, geological, and cultural sites and their contributing environment, and promote and encourage preservation, restoration, and rehabilitation of Fresno County's historically significant resources in order to promote historical awareness, community identify, and to recognize the County's valued assets that have contributed to past County events, trends, styles of architecture, and economy.</p>	<p>Consistent. The Project would not conflict with the County's ability to protect cultural resources because the Project would not affect cultural resources. There are no historic structures remaining on the Project site.</p>
<p>Policy OS-J.1: Preservation of Historic Resources. The County shall encourage preservation of any sites and/or buildings identified as having historical significance pursuant to the list maintained by the Fresno County Historic Landmarks and Records Advisory Commission.</p>	<p>Consistent. The Project would not impact preservation of historic sites or buildings. There are no historic structures remaining on the Project site.</p>
<p>Policy OS-J.2: Historic Resources Consideration. The County shall consider historic resources during preparation or evaluation of plans and discretionary development projects.</p>	<p>Consistent. Section 4.6 contains results of a records search and field survey for the County's consideration of the Project.</p>
<p>Policy OS-J.14: Sites Protection and Mitigation. The County shall require that discretionary development projects, as part of any required CEQA review, identify and protect important historical, archeological, paleontological, and cultural sites and their contributing environment from damage, destruction, and abuse to the maximum extent feasible. Project-level mitigation shall include accurate site surveys, consideration of project alternatives to preserve archeological and historic resources, and provision for resource recovery and preservation when displacement is unavoidable.</p>	<p>Consistent. Section 4.6 provides an evaluation of potential Project impacts to cultural, archaeological, and historic resources. Section 4.8 analyzes potential impacts to paleontological resources. To evaluate the Project's potential effects on significant cultural resources, including prehistoric and historic archaeological sites, a cultural resources characterization and evaluation of the Project site were undertaken (Tetra Tech 2020). These efforts included a literature review, a Native American contact program, geoarchaeological review, and field surveys for areas of potential permanent and temporary impacts where facilities would be installed. In the event that unknown archaeological resources are discovered during Project construction, the Applicant would implement Mitigation Measure 4.6-2, which requires the retention of a qualified archaeologist and cultural resources awareness training, and which governs procedures in the event of inadvertent discovery of archaeological materials.</p>
<p>Goal OS-K: To conserve, protect, and maintain the scenic quality of Fresno County and discourage development that degrades areas of scenic quality.</p>	<p>Consistent. Project facilities including fencing, solar panels, and substation would be visible and would transform the landscape from a residential/agriculture visual character to an industrial character. However, the Project would not block or impair any existing significant visual resources or significantly impact the local visual character.</p>

TABLE I1-5 (CONTINUED)
FRESNO COUNTY GENERAL PLAN OPEN SPACE AND CONSERVATION ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
Policy OS-K.1: The County shall encourage the preservation of outstanding scenic views, panoramas, and vistas wherever possible. Methods to achieve this may include encouraging private property owners to enter into open space easements for designated scenic areas.	Consistent. There are no designated scenic vistas within the viewshed of the entire Project site.
Policy OS-K.4: The County should require development adjacent to scenic areas, vistas, and roadways to incorporate natural features of the site and be developed to minimize impacts to the scenic qualities of the site.	Consistent. There are no designated scenic vistas within the viewshed of the entire Project site.
Goal OS-L: To conserve, protect, and maintain the scenic quality of land and landscape adjacent to scenic roads in Fresno County.	Consistent. There are no designated state scenic highways within the Project vicinity; nor roadways that are eligible for scenic designation within the Project viewshed.
Policy OS-L.1: The County designates a system of scenic roadways that includes landscaped drives, scenic drives, and scenic highways.	Consistent. There are no designated state scenic highways within the Project vicinity or roadways eligible for scenic designation within the Project viewshed.
Policy OS-L.3: The County shall manage the use of land adjacent to scenic drives and scenic highways based on the following principles: b. Proposed high voltage overhead transmission lines, transmission line towers, and cell towers shall be routed and placed to minimize detrimental effects on scenic amenities visible from the right-of-way.	Consistent. There are no designated state scenic highways or roadways eligible for scenic designation within the Project viewshed.

I.3.4 Health and Safety Element

The Health and Safety Element outlines Fresno County’s planning strategies regarding emergency management and response, fire hazards, flood hazards, seismic and geological hazards, airport hazards, hazardous materials, and noise. The Project’s impacts with respect to safety are primarily addressed in Section 4.8, *Geology, Soils, and Paleontological Resources*, Section 4.10, *Hazards and Hazardous Materials*, and Section 4.14, *Noise and Acoustics*. The design of the Project, as well as mitigation measures recommended in this Draft EIR, consider the potential seismic, soil instability, flood, fire, waste, and other hazards that are present in the Project area or that could result as a consequence of Project implementation. Although the Project would not avoid all hazards, even with Project consistency with specific Health and Safety Element policies is presented in **Table K1-6** below.

I.3.5 Housing Element

The Housing Element provides the County’s goals, policies, and programs for the development, improvement, and maintenance of housing within the unincorporated areas of the County. As described in Section 4.15, *Population and Housing*, the Project would not induce growth, nor would it displace people or housing. The Project does not propose or require new housing. This element is therefore not applicable to the Project.

**TABLE I1-6
FRESNO COUNTY GENERAL PLAN HEALTH AND SAFETY ELEMENT POLICIES**

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy HS-B.1: The County shall review project proposals to identify potential fire hazards and to evaluate the effectiveness of preventive measures to reduce the risk to life and property.</p>	<p>Consistent. Section 4.10 includes an evaluation of potential fire hazards. The Project is not located in a zone of very high fire severity hazard as defined by CAL FIRE. Regardless, fire prevention measures would be implemented in order to minimize fire risk.</p>
<p>Policy HS-B.5: The County shall require development to have adequate access for fire and emergency vehicles and equipment.</p>	<p>Consistent. The Project site would be accessible to emergency vehicles.</p>
<p>Policy HS-B.8: The County shall refer development proposals in the unincorporated county to the appropriate local fire agencies for review of compliance with fire safety standards. If dual responsibility exists, both agencies shall review and comment relative to their area of responsibility. If standards are different or conflicting, the more stringent standards shall apply.</p>	<p>Consistent. The Applicant would coordinate as needed with the Fresno County Fire District to address potential exposure to fire and other hazards in the Project site and would incorporate any standards or requirements required by the district.</p>
<p>Policy HS-D.3: The County shall require that a soils engineering and geologic-seismic analysis be prepared by a California-registered engineer or engineering geologist prior to permitting development, including public infrastructure projects, in areas prone to geologic or seismic hazards (i.e., fault rupture, groundshaking, lateral spreading, lurchcracking, fault creep, liquefaction, subsidence, settlement, landslides, mudslides, unstable slopes, or avalanche).</p>	<p>Consistent. According to the geotechnical investigation prepared for the Project site (see Appendix H1), geologic hazards at the site are not significant. There is no risk of fault rupture, and the Project would not lead to significant impacts related to seismic ground shaking, liquefaction, erosion, or subsidence.</p>
<p>Policy HS-D.4: The County shall require all proposed structures, additions to structures, utilities, or public facilities situated within areas subject to geologic-seismic hazards as identified in the soils engineering and geologic-seismic analysis to be sited, designed, and constructed in accordance with applicable provisions of the Uniform Building Code (Title 24 of the California Code of Regulations) and other relevant professional standards to minimize or prevent damage or loss and to minimize the risk to public safety.</p>	<p>Consistent. A site-specific soils engineering and geologic-seismic analysis has been prepared for the Project site (see Appendix H1). The Project would be constructed in compliance with the geotechnical and seismic design criteria required for construction in accordance with the California Building Code (CBC).</p>
<p>Policy HS-D.5: Pursuant to the Alquist-Priolo Earthquake Fault Zoning Act (Public Resources Code, Chapter 7.5), the County shall not permit any structure for human occupancy to be placed within designated Earthquake Fault Zones unless the specific provisions of the Act and Title 14 of the California Code of Regulations have been satisfied.</p>	<p>Consistent. While the Project site is not within a mapped Seismic Hazard Zone, the site may be subject to strong earthquake-related ground shaking at some point during the lifetime of the facility due to the potential for relatively large earthquakes to the south and west of the Project site. The Project would be constructed in compliance with the geotechnical and seismic design criteria required for construction in accordance with the CBC. The Project does not include structures for human occupancy.</p>
<p>Policy HS-D.8: The County shall require a soils report by a California-registered engineer or engineering geologist for any proposed development, including public infrastructure projects, that requires a County permit and is located in an area containing soils with high “expansive” or “shrink-swell” properties. Development in such areas shall be prohibited unless suitable design and construction measures are incorporated to reduce the potential risks associated with these conditions.</p>	<p>Consistent. The geotechnical investigation indicated that soils present at the Project site have a moderate to high potential for expansion. The Project would be required to comply with applicable building codes and structural improvements which would address any expansive soil hazards.</p>

TABLE I1-6 (CONTINUED)
FRESNO COUNTY GENERAL PLAN HEALTH AND SAFETY ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
<p>Policy HS-D.9: The County shall seek to minimize soil erosion by maintaining compatible land uses, suitable building designs, and appropriate construction techniques. Contour grading, where feasible, and revegetation shall be required to mitigate the appearance of engineered slopes and to control erosion.</p>	<p>Consistent. The Project would comply with a Construction General Permit, and implementation of a SWPPP would limit the impact of construction-related soil erosion by enacting BMPs to address sediment control and limit erosion, such as installation of silt fencing and implementation of temporary sediment disposal measures. Operation of the Project would not include activities that are likely to cause erosion. Following construction, the site could be replanted with low-growing plant species appropriate for maintaining soil quality.</p>
<p>Goal HS-F: To minimize the risk of loss of life, injury, serious illness, and damage to property resulting from the use, transport, treatment, and disposal of hazardous materials and hazardous wastes.</p>	<p>Consistent. The use, storage, transport, and disposal of hazardous materials in connection with the Project would be carried out in accordance with federal, state, and local regulations. BMPs in the SWPPP would minimize the risk of hazardous materials leakage include: reporting of spills of hazardous materials to the appropriate regulatory entities; immediate cleanup of hazardous materials spills; and excavation and appropriate disposal of contaminated soils.</p>
<p>Policy HS-F.1: The County shall require that facilities that handle hazardous materials or hazardous wastes be designed, constructed, and operated in accordance with applicable hazardous materials and waste management laws and regulations.</p>	<p>Consistent. The use, storage, transport, and disposal of hazardous materials in connection with the Project would be carried out in accordance with federal, state, and local regulations.</p>
<p>Policy HS-F.3: The County, through its Hazardous Materials Incident Response Plan, shall coordinate and cooperate with emergency response agencies to ensure adequate Countywide response to hazardous materials incidents.</p>	<p>Consistent. As identified in Section 4.10, <i>Hazards and Hazardous Materials</i>, the Project would not interfere with emergency response plans or times.</p>
<p>Policy HS-G.1: The County shall require that all proposed development incorporate design elements necessary to minimize adverse noise impacts on surrounding land uses.</p>	<p>Consistent. Short-term construction and decommissioning activities would be exempt from the County’s noise policies and standards because activities would occur between the hours of 6:00 a.m. and 9:00 p.m. on weekdays, or 7:00 a.m. and 9:00 p.m. on Saturdays and Sundays. Mitigation Measure 4.14-1b requires that the substation and invertors comply with the County noise standards through equipment selection and design measures.</p>
<p>Policy HS-G.4: So that noise mitigation may be considered in the design of new projects, the County shall require an acoustical analysis as part of the environmental review process where:</p> <ul style="list-style-type: none"> a) Noise sensitive land uses are proposed in areas exposed to existing or projected noise levels that are “generally unacceptable” or higher according to the Chart HS-1: “Land Use Compatibility for Community Noise Environments;” b) Proposed projects are likely to produce noise levels exceeding the levels shown in the County’s Noise Control Ordinance at existing or planned noise-sensitive uses. 	<p>Consistent. Section 4.14 includes an analysis of noise impacts associated with the Project.</p>
<p>Policy HS-G.6: The County shall regulate construction-related noise to reduce impacts on adjacent uses in accordance with the County’s Noise Control Ordinance.</p>	<p>Consistent. Short-term construction and decommissioning Project activities would be exempt from the County’s noise policies and standards because activities would occur between the hours of 6:00 a.m. and 9:00 p.m. on weekdays, or 7:00 a.m. and 9:00 p.m. on Saturdays and Sundays.</p>

TABLE I1-6 (CONTINUED)
FRESNO COUNTY GENERAL PLAN HEALTH AND SAFETY ELEMENT POLICIES

Goal/Objective/Policy Text	Project Consistency Evaluation
Policy HS-G.8: The County shall evaluate the compatibility of proposed projects with existing and future noise levels through a comparison to Chart HS-1, "Land Use Compatibility for Community Noise Environments."	Consistent. With the incorporation of Mitigation Measure 4.14-1a and -1b, the Project would not exceed County noise standards and would not have a significant impact to noise levels.

I.4 References

Fresno County, 2013. Fresno County Regional Bicycle & Recreational Trails Master Plan. September 24, 2013. <http://www.co.fresno.ca.us/ViewDocument.aspx?id=50346>.

Fresno County, 2011. Fresno County Zoning Map.

Tetra Tech, Inc. 2020. Biological Resources Evaluation Report, Luna Valley Solar Project. Fresno County, California. September 16, 2020.

Tetra Tech, Inc. 2020. Cultural Resources Phase I Survey Report, Luna Valley Solar Project. Fresno County, California. September 16, 2020.

Appendix I2

Consistency with Fresno County's Solar Facility Guidelines



APPENDIX I2

Consistency with Fresno County’s Solar Facility Guidelines

**TABLE I2-1
PROJECT CONSISTENCY WITH FRESNO COUNTY SOLAR FACILITY GUIDELINES**

Guideline	Consistency
1) Information shall be submitted regarding the historical agricultural operational/usage of the parcel including, specific crop type, for the last 10 years (if no agricultural operation in the last 10 years, specify when land was last in agricultural use).	Information regarding the historical agricultural operation of the Project site is provided in Section 4.3, <i>Agriculture and Forestry Resources</i> . A detailed 10-year crop history for the Project site is provided in the Reclamation Plan included in Draft EIR Appendix B2.
2) Information shall be submitted that identifies the source of water for the subject parcel (surface water from irrigation district, individual well(s), conjunctive system). If the source of water is via district delivery, the applicant shall submit information documenting the allocations received from the irrigation district and the actual disposition of the water (i.e., utilized on-site or moved to other locations) for the last 10 years. If an individual well system is used, provide production capacity of each well, water quality data and data regarding the existing water table depth.	Information regarding Project water sources is described in Section 2.5.4.1, <i>Water and Wastewater</i> , and Section 4.19, <i>Utilities and Service Systems</i> . A Water Supply Assessment for the Project is provided in Appendix L.
3) Identify the current status of the parcel (Williamson Act Contract, Conservation Easement, retired land, etc.), the purpose of any easement and limitations of the parcel. The applicant shall submit a Title Report or Lot Book Guarantee for verification.	The current status of the parcels is detailed in Section 4.3, <i>Agriculture and Forestry Resources</i> . A Preliminary Title Report submitted for the Project site indicates that none of the parcels that make up the site is subject to a Williamson Act contract.
4) Identify (with supporting data) the current soil type and mapping units of the parcel pursuant to the standards of the California State Department of Conservation and the Natural Resources Conservation Service,	Soil types found on the Project site are described in Section 4.8, <i>Geology, Soils and Paleontological Resources</i> . Information provided with the Conditional Use Permit application submitted in March 2020 identifies soil types within the site and the site’s designation as “Farmland of Local Importance” by the State Department of Conservation’s Farmland Mapping and Monitoring Programs.
5) List all proposed measures and improvements intended to create a buffer between the proposed solar facility and adjacent agricultural operations (detailed information must be shown on site-plan) and provide factual/technical data supporting the effectiveness of said proposed buffering measures.	Proposed buffers are shown on the Site Plan provided with the March 2020 application materials. They also are described in Section 4.3, <i>Agriculture and Forestry Resources</i> .

TABLE I2-1 (CONTINUED)
PROJECT CONSISTENCY WITH FRESNO COUNTY SOLAR FACILITY GUIDELINES

Guideline	Consistency
6) Provide a Reclamation Plan detailing the lease life, timeline for removal of the improvements and specific measures to return the site to the agricultural capability prior to installation of solar improvements. If the project is approved, adequate financial security to the satisfaction of the County shall be provided to ensure site reclamation. Financial security can be in the form of a cash deposit to be placed in a trust account by the County with additional deposits required as needed to adjust for inflation and/or a Letter of Credit to be renewed every year to adjust for inflation.	The Reclamation Plan is described in Section 2.5.7, <i>Decommissioning and Site Reclamation</i> , and provided in Draft EIR Appendix B2.
7) Provide information documenting efforts to locate the proposed solar facility on non-agricultural lands and non-contracted parcels and detailed information explaining why the subject site was selected.	The evaluation of project alternatives is described in Chapter 3, <i>Alternatives</i> .
8) Develop and submit a project site pest management plan to identify methods and frequency to manage weeds, insects, disease and vertebrate pests that may impact adjacent sites.	An Integrated Pest Management Plan is provided in Draft EIR Appendix B1.
9) The applicant must acknowledge the County's Right to Farm Ordinance and shall be required to record a Right to Farm Notice prior to issuance of any permits. This shall be included as a recommended condition of approval of the land use entitlement.	The March 2020 Conditional Use Permit application materials submitted by the Applicant, Luna Valley Solar I, LLC, state, "The Applicant will acknowledge the County's Right to Farm Ordinance and will record a Right to Farm Notice." Recordation of this notice will be included as a condition of approval.
10) Note: The life of the approved land use permit will expire upon expiration of the initial life of the solar lease. If the solar lease is to be extended, approval of new land use permit will need to be obtained.	Not applicable. The Project site is currently owned by Westlands Water District, and is under a purchase option agreement with the Applicant, who intends to purchase the land prior to starting Project construction. Because the Project site will be owned by the Applicant, there will be no solar lease.
11) If the project is approved, the applicant shall make all reasonable efforts to establish a point of sale in Fresno County for equipment and construction related items necessary for the project.	As stated in materials accompanying the Applicant's March 2020 Conditional Use Permit application, the Applicant has committed to making reasonable efforts to establish a point of sale in Fresno County.
12) If the project is approved, the applicant shall make all reasonable efforts to conduct local recruitment efforts and/or coordinate with employment agencies in an attempt to hire from the local workforce.	As stated in materials accompanying the Applicant's March 2020 Conditional Use Permit application, the Applicant has committed to making reasonable efforts to hire from the local workforce.
13) In addition to disclosing the number of trips in the required project Operational Statement, the applicant shall disclose the weight of the shipments anticipated to the site. If the project is approved, pursuant to the CEQA analysis and based upon the existing road conditions and the weight/frequency of shipments to the site, the applicant shall mitigate impacts to County roads.	The Traffic Impact Study prepared for the Project (see Appendix K) included an analysis of potential pavement impacts, as required by Fresno County. Pavement impacts are analyzed based on a comparison of the TI with the Project to the TI without the Project. Based on the County's thresholds, the TI analysis concluded that construction of the Project would result in a less-than-significant impact to the pavement on roadways adjacent to the Project site (i.e., West Manning Avenue and SR 33).

TABLE I2-1 (CONTINUED)
PROJECT CONSISTENCY WITH FRESNO COUNTY SOLAR FACILITY GUIDELINES

Guideline	Consistency
14) If the project is approved, the applicant shall make all reasonable efforts to purchase products and equipment from local (Fresno County) manufacturing facilities and./or vendors.	As stated in materials accompanying the Applicant's March 2020 Conditional Use Permit application, the Applicant has committed to making reasonable efforts to purchase products and equipment from local manufacturers and vendors.

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Appendix J.

Noise and Acoustics: Sound Survey and Analysis



SOUND SURVEY AND ANALYSIS REPORT

**Luna Valley Solar Project
Fresno County, California**



September 15, 2020

 **Clearway**
Luna Valley Solar I, LLC

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ACRONYMS AND ABBREVIATIONS

μPa	microPascal
ANSI	American National Standards Institute
Applicant	Luna Valley Solar I, LLC
CEQA	California Environmental Quality Act
dB	decibel
dBA	A-weighted decibel
dB _L	linear decibel
FTA	Federal Transit Authority
Hz	hertz
in/sec	inch per second
ISO	International Organization for Standardization
L _{dn}	Day-night average sound level
L _{eq}	equivalent sound level
L _p	sound pressure level
kV	kilovolt
ML	monitoring location
NSA	Noise Sensitive Area
PG&E	Pacific Gas and Electric
PPV	Peak-Particle-Velocity
Project	Luna Valley Solar Project
Tetra Tech	Tetra Tech, Inc.
USEPA	United States Environmental Protection Agency
VdB	vibration decibel

1.0 OVERVIEW

Tetra Tech, Inc. (Tetra Tech) has prepared this noise impact assessment for the proposed Luna Valley Solar Project (Project) to support a California Environmental Quality Act (CEQA) evaluation. The Project is proposed on approximately 1,300 acres of land located approximately 9 miles west-southwest of the City of Tranquillity within the unincorporated area of Levis in Fresno County. The Project consists of constructing and operating a photovoltaic solar electric generating facility and energy storage system and associated infrastructure that would produce up to 200 megawatts of power at the Point of Interconnection. The Project would include the construction of solar arrays, an electrical substation and electrical interconnection facilities, an energy storage system and other necessary infrastructure including an operation and maintenance building, septic system and leach field, a supervisory control and data acquisition system, a meteorological data system, buried conduit for electrical wires, overhead collector lines, on-site access roads and security fencing.

1.1 PROJECT SETTING

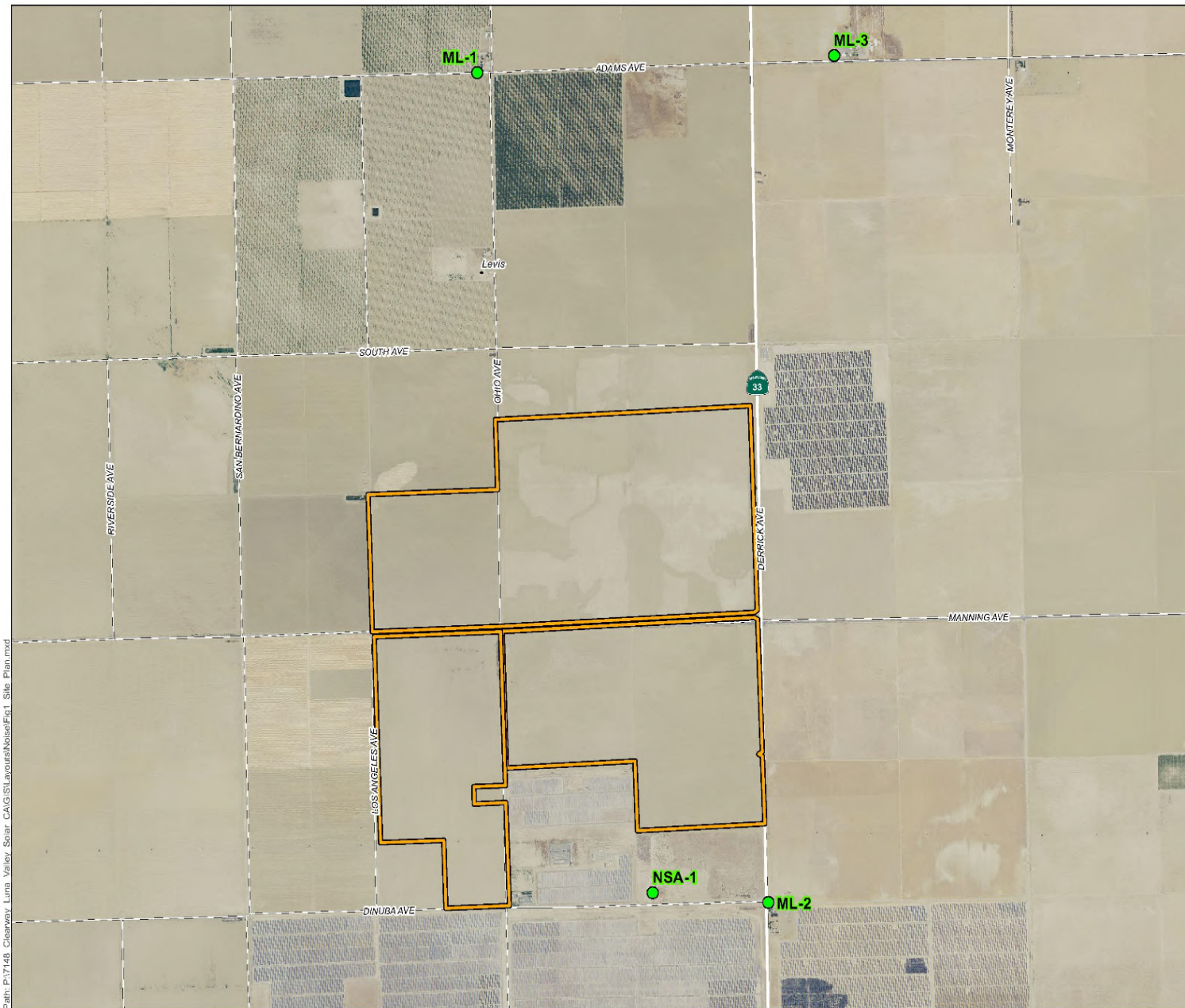
The Project site is located in unincorporated Fresno County and generally bound by flat, agricultural lands and other solar energy generating facilities. The nearest residences are located approximately 0.25 miles to the south, while other residences are scattered to the north, northwest, northeast, and south of the Project site. The nearest city is Tranquillity, which is located approximately 9 miles to the east-northeast of the Project site. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of the Project area. The cities of Mendota and San Joaquin are approximately 10 miles north and east of the Project area, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project area.

Highway 33 (South Derrick Avenue) makes up the eastern boundary of the Project area. The western edge of the Project area is approximately 2,600 feet east of S. Bernardino Avenue, the northern edge is approximately 1,400 feet south of W. South Avenue, and the southern edge is approximately 1,300 feet north of W. Dinuba Avenue. W. Manning Avenue cuts through the approximate middle of the Project area from east to west and S. Ohio Avenue cuts through the approximate middle of the Project area from north to south. Figure 1 provides an overview of the Project site as well as the surrounding area.

1.2 ACOUSTIC METRICS AND TERMINOLOGY

All sounds originate with a source, whether it is a human voice, motor vehicles on a roadway, or a combustion turbine. Energy is required to produce sound and this sound energy is transmitted through the air in the form of sound waves – tiny, quick oscillations of pressure just above and just below atmospheric pressure. These oscillations, or sound pressures, impinge on the ear, creating the sound we hear. A sound source is defined by a sound power level (abbreviated “LW”), which is independent of any external factors. By definition, sound power is the rate at which acoustical energy is radiated outward and is expressed in units of watts.

A source sound power level cannot be measured directly. It is calculated from measurements of sound intensity or sound pressure at a given distance from the source outside the acoustic and geometric near-field. A sound pressure level (abbreviated “L_P”) is a measure of the sound wave fluctuation at a given receiver location and can be obtained through the use of a microphone or calculated from information about the source sound power level and the surrounding environment. The sound pressure level in decibels (dB) is the logarithm of the ratio of the sound pressure of the source to the reference sound pressure of 20 microPascals (μPa), multiplied by 20.1. The range of sound pressures that can be detected by a person with normal hearing is very wide, ranging from about 20 μPa for very faint sounds at the threshold of hearing, to nearly 10 million μPa for extremely loud sounds such as a jet during take-off at a distance of 300 feet.




Luna Valley Solar
 Fresno County, CA
Figure 1
Site Plan – Facility Site and
Measurement Locations

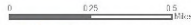


- Receptor Location
- Project Area

Transportation

- State Highway
- Local Road





Scale is 1:22,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

Broadband sound includes sound energy summed across the entire audible frequency spectrum. In addition to broadband sound pressure levels, analysis of the various frequency components of the sound spectrum can be completed to determine tonal characteristics. The unit of frequency is hertz (Hz), measuring the cycles per second of the sound pressure waves. Typically, the frequency analysis examines 11 octave bands ranging from 16 Hz (low) to 16,000 Hz (high). Since the human ear does not perceive every frequency with equal loudness, spectrally-varying sounds are often adjusted with a weighting filter. The A-weighted filter is applied to compensate for the frequency response of the human auditory system and is represented in A-Weighted Decibel (dBA).

Sound can be measured, modeled, and presented in various formats, with the most common metric being the equivalent sound level (L_{eq}). The L_{eq} has been shown to provide both an effective and uniform method for comparing time-varying sound levels and is widely used in acoustic assessments in the State of California. Estimates of noise sources and outdoor acoustic environments, and the comparison of relative loudness are presented in Table 1. Table 2 presents additional reference information on terminology used in the report.

Table 1. Sound Pressure Levels (L_p) and Relative Loudness of Typical Noise Sources and Acoustic Environments

Noise Source or Activity	Sound Level (dBA)	Subjective Impression
Vacuum cleaner (10 feet)	70	Moderate
Passenger car at 65 miles per hour (25 feet)	65	
Large store air-conditioning unit (20 feet)	60	
Light auto traffic (100 feet)	50	Quiet
Quiet rural residential area with no activity	45	
Bedroom or quiet living room; Bird calls	40	Faint
Typical wilderness area	35	
Quiet library, soft whisper (15 feet)	30	Very quiet
Wilderness with no wind or animal activity	25	Extremely quiet
High-quality recording studio	20	
Acoustic test chamber	10	Just audible
	0	Threshold of hearing

Adapted from: Kurze and Beranek (1988) and USEPA (1971)

Table 2. Acoustic Terms and Definitions

Term	Definition
Noise	Typically defined as unwanted sound. This word adds the subjective response of humans to the physical phenomenon of sound. It is commonly used when negative effects on people are known to occur.
Sound Pressure Level (L_p)	Pressure fluctuations in a medium. Sound pressure is measured in dB referenced to 20 μ Pa, the approximate threshold of human perception to sound at 1,000 Hz.
Sound Power Level (L_w)	The total acoustic power of a noise source measured in dB referenced to picowatts (one trillionth of a watt). Noise specifications are provided by equipment manufacturers as sound power as it is independent of the environment in which it is located. A sound level meter does not directly measure sound power.

Term	Definition
Equivalent Sound Level (L_{eq})	The L_{eq} is the continuous equivalent sound level, defined as the single sound pressure level that, if constant over the stated measurement period, would contain the same sound energy as the actual monitored sound that is fluctuating in level over the measurement period.
A-Weighted Decibel (dBA)	Environmental sound is typically composed of acoustic energy across all frequencies. To compensate for the auditory frequency response of the human ear, an A-weighting filter is commonly used for describing environmental sound levels. Sound levels that are A-weighted are presented as dBA in this report.
Unweighted Decibels (dBL)	Unweighted sound levels are referred to as linear. Linear decibels are used to determine a sound's tonality and to engineer solutions to reduce or control noise as techniques are different for low and high frequency noise. Sound levels that are linear are presented as dBL in this report.
Propagation and Attenuation	Propagation is the decrease in amplitude of an acoustic signal due to geometric spreading losses with increased distance from the source. Additional sound attenuation factors include air absorption, terrain effects, sound interaction with the ground, diffraction of sound around objects and topographical features, foliage, and meteorological conditions including wind velocity, temperature, humidity, and atmospheric conditions.

1.3 VIBRATION METRICS AND TERMINOLOGY

Vibration is an oscillatory motion that is described in terms of displacement, velocity, or acceleration. Velocity is the most common descriptor used when evaluating human perception or structural damage. Velocity represents the instantaneous speed of movement and more accurately describes the response of humans, buildings, and equipment to vibrations.

Peak-Particle-Velocity (PPV) and root mean square velocity are typical metrics used to describe vibration levels in units of inches per second in the United States. However, to evaluate annoyance to humans, the vibration dB (VdB) notation is commonly used. The decibel notation acts to compress the range of numbers required to describe vibration. In the United States, the accepted velocity reference for converting to dB is 1×10^{-6} inches per second. The abbreviation "VdB" is used for vibration dB to reduce the potential for confusion with sound decibels.

In contrast to airborne noise, ground-borne vibration is not an everyday occurrence for humans. The background vibration velocity levels within residential areas are usually 50 VdB or lower, which is well below the human perception threshold of approximately 65 VdB. However, human response to vibration is not usually significant unless the vibration exceeds 70 VdB. Outdoor sources that generate perceptible ground-borne vibrations are typically construction equipment, steel-wheeled trains, and traffic on rough roadways. Table 3 provides common vibration sources as well as human and structural response to ground-borne vibrations.

Table 3. Typical Levels of Ground-Borne Vibration

Human/Structural Response	PPV (in/sec)	Velocity Level (VdB)*	Typical sources (50 feet from source)
Threshold, Minor Cosmetic Damage, Fragile Buildings	0.4	100	Blasting from Construction Projects
	0.17-0.2	92-94	Heavy Tracked Construction Equipment
Difficulty with Tasks, Such as Reading a Computer Screen	0.125	90	
	0.074	85	Commuter Rail, Upper Range
Residential Annoyance, Infrequent Events	0.04	80	Rapid Transit, Upper Range
	0.013	75	Commuter Rail, Typical
	0.023	72	Bus or Truck Bump Over

Human/Structural Response	PPV (in/sec)	Velocity Level (VdB)*	Typical sources (50 feet from source)
Residential Annoyance, Frequent Events	0.013	70	Rapid Transit, Typical
Approximate Threshold of Human Perception	0.007	65	
	0.005	62	Bus or Truck, Typical
	0.0013	50	Typical Background Vibration Levels

*RMS Vibration Velocity in VdB reference to 10⁻⁶ inches/second
Source: FTA (2006)

The degree of annoyance cannot always be explained by the magnitude of the vibrations alone. Phenomena, such as ground-borne noise and rattling, visual effects (e.g., movement of hanging objects), and time of day, all influence the response of individuals. The American National Standards Institute (ANSI) and the International Organization for Standardization (ISO) has developed criteria for evaluation of human exposure to vibrations. The recommendations of these standards and other studies evaluating human response to vibrations have been incorporated into the Federal Transit Administration's (FTA) Transit Noise and Vibration Impact Assessment Manual (May 2006). The criteria within this manual are used to assess noise and vibration impacts from transit operations.

1.4 NOISE AND VIBRATION LEVEL REQUIREMENT AND GUIDELINES

Potential noise impacts associated with the Project were evaluated with respect to the applicable noise requirements prescribed by CEQA, the Fresno County General Plan Health and Safety Element (Fresno County 2000), and the Fresno County Noise Control Ordinance (Fresno County Code of Ordinances Chapter 8.40) (Fresno County 2020). Details regarding each set of requirements are provided below.

1.4.1 California Environmental Quality Act

CEQA requires that significant environmental impacts be identified and that such impacts be eliminated or mitigated to the extent feasible. Appendix G of the CEQA Statutes and Guidelines (State Clearing House, Office of Planning and Research and the Natural Resources Agency, 2016) sets forth a series of suggested thresholds for determining a potentially significant impact. Under the thresholds suggested in Appendix G, the proposed project could be considered to have significant noise and vibration impacts if it results in one or more of the following:

- a) Generation of substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or in other applicable local, state, or federal standards?
- b) Generation of excessive groundborne vibration or groundborne noise level?
- c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan had not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

The CEQA Statutes and Guidelines Appendix G thresholds for items (c) and (d) do not define the term "substantial"; however, the California Energy Commission provides guidelines for operational noise or permanent increases which indicate that an increase of 5 dBA over ambient conditions may be significant and an increase of 10 dBA is significant (CEC 2010).

1.4.2 Fresno County General Plan Health and Safety Element

The Fresno County General Plan includes a Health and Safety Element with noise policies to manage sources of noise and protect noise sensitive land uses. Implementation of the General Plan anticipates

growth of population, employment, and developed land uses as shown in the Project Description. Expansion of County-wide population, employment, and developed land uses each lead to the expansion of activities that have the potential to generate adverse noise effects.

The Draft General Plan contains the following policies to address noise.

Policy HS-G.1 The County shall require that all proposed development incorporate design elements necessary to minimize adverse noise impacts on surrounding land uses.

Policy HS-G.2 The County shall require new roadway improvement projects to achieve and maintain the normally acceptable noise levels shown in Chart HS-1: "Land Use Compatibility for Community Noise Environments."

Policy HS-G.3 The County shall allow the development of new noise-sensitive land uses (which include, but are not limited to, residential neighborhoods, schools, and hospitals) only in areas where existing or projected noise levels are "acceptable" according to the Chart HS-1: "Land Use Compatibility for Community Noise Environments." Noise mitigation measures may be required to reduce noise in outdoor activity areas and interior spaces to these levels.

Policy HS-G.4 So that noise mitigation may be considered in the design of new projects, the County shall require an acoustical analysis as part of the environmental review process where:

- a. Noise sensitive land uses are proposed in areas exposed to existing or projected noise levels that are "generally unacceptable" or higher according to the Chart HS-1: "Land Use Compatibility for Community Noise Environments;"
- b. Proposed projects are likely to produce noise levels exceeding the levels shown in the County's Noise Control Ordinance at existing or planned noise-sensitive uses.

Policy HS-G.5 Where noise mitigation measures are required to achieve acceptable levels according to land use compatibility or the Noise Control Ordinance, the County shall place emphasis of such measures upon site planning and project design. These measures may include, but are not limited to, building orientation, setbacks, earthen berms, and building construction practices. The County shall consider the use of noise barriers, such as soundwalls, as a means of achieving the noise standards after other design-related noise mitigation measures have been evaluated or integrated into the project.

Policy HS-G.6 The County shall regulate construction-related noise to reduce impacts on adjacent uses in accordance with the County's Noise Control Ordinance.

Policy HS-G.7 Where existing noise-sensitive uses may be exposed to increased noise levels due to roadway improvement projects, the County shall apply the following criteria to determine the significance of the impact:

- a. Where existing noise levels are less than 60 dB Ldn at outdoor activity areas of noise-sensitive uses, a 5 dB Ldn increase in noise levels will be considered significant;
- b. Where existing noise levels are between 60 and 65 dB Ldn at outdoor activity areas of noise-sensitive uses, a 3 dB Ldn increase in noise levels will be considered significant; and
- c. Where existing noise levels are greater than 65 dB Ldn at outdoor activity areas of noise-sensitive uses, a 1.5 dB Ldn increase in noise levels will be considered significant.

Policy HS-G.8 The County shall evaluate the compatibility of Proposed Projects with existing and future noise levels through a comparison to Chart HS-1, “Land Use Compatibility for Community Noise Environments.”

Policy HS-G.9 The County shall not allow the development of new residential land uses in areas exposed to existing or projected levels of noise from aircraft operations at any airport or air base which exceed 60 dB Ldn or Community Noise Equivalent Level.

1.4.3 Fresno County Noise Control Ordinance

Section 8.40 of the Fresno County Code of Ordinances provides the Fresno County Noise Control Ordinance (Ordinance) which (establishes standards concerning acceptable noise levels for both noise-sensitive land uses and for noise-generating land uses). This section presents standards and requirements for noise measurements, exterior noise standards, interior noise standards, increases in allowable noise levels, reductions in allowable noise levels, and exempt noise. Table 4 describes the allowable exterior noise levels as measured at any affected single- or multiple-family residence, school, hospital, church, or public library situation in either the incorporated or unincorporated area. The table demonstrates that a continuous source may emit up to 50 dBA during the day (7:00 a.m. to 10:00 p.m.) and 45 dBA during the night (10:00 p.m. to 7:00 a.m.) to residential land uses.

Table 4. Exterior Noise Standards

Category	Cumulative number of minutes in any one-hour time period	Noise Level Standards, dBA	
		Daytime 7 a.m. to 10 p.m.	Nighttime 10 p.m. to 7 a.m.
1	30	50	45
2	15	55	50
3	5	60	55
4	1	65	60
5	0	70	65

In the event the measured ambient noise level exceeds the applicable noise level standard in any category above, the applicable standard shall be adjusted so as to equal the ambient noise level. Each of the noise level standards specified above shall be reduced by 5 dBA for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. If the intruding noise source is continuous and cannot reasonably be discontinued or stopped for a time period whereby the ambient noise level can be measured, the noise level measured while the source is in operation shall be compared directly to the noise level standards.

In Section 8.40.060, the Ordinance exempts noise sources associated with construction, provided such activities do not take place before 6 a.m. or after 9 p.m. on any day except Saturday or Sunday, or before 7 a.m. or after 5 p.m. on Saturday or Sunday.

Section 8.40.090 of the Ordinance states noise sources associated with the operation of electrical substation shall not exceed 50 dBA when measured at noise sensitive areas.

1.4.4 Federal Transit Authority Construction Noise Guidelines

There is no standardized state or federal regulatory standards developed for assessing construction noise impacts. However, the FTA has developed and published a guideline criterion that is considered to be reasonable to assess noise impacts from construction operations. The FTA criteria is summarized in Table 5 below.

Table 5. Federal Transit Authority Construction Noise Criteria

Land Use	8-hour (dBA L_{eq})		30-Day Average L_{dn} (dB) or L_{eq} (dBA)
	Day	Night	
Residential	80	70	75 ^a
Commercial	85	85	80 ^b
Industrial	90	90	85 ^b

^a In urban areas with very high ambient noise levels ($L_{dn} > 65$ dB), L_{dn} from construction operations should not exceed existing ambient + 10 dB.

^b Twenty-four-hour L_{eq} , not L_{dn} .

2.0 EXISTING SOUND ENVIRONMENT

Tetra Tech conducted a series of ambient sound level measurements to characterize the existing acoustic environment near the Project during both daytime and nighttime periods. This section summarizes the methodology used by Tetra Tech to conduct the sound survey and describes the measurement locations.

2.1 FIELD METHODOLOGY

To document the existing conditions, baseline sound level measurements were performed on May 28, 2020. The measurement locations were selected to be representative of the surroundings of potential receptors nearest to the proposed Project site in the principal geographical directions. The ambient sound survey included short-term measurements in the presence of an acoustics expert for a minimum duration of 30 minutes. The short-term measurements were made during both daytime (10:00 a.m. to 4:00 p.m.) and nighttime (10:00 p.m. to 2:00 a.m.) periods at noise-sensitive areas in proximity to residential structures.

All the measurements were conducted using a Larson Davis Model 831 precision integrating sound-level meter that meets the requirements of ANSI Standards for Type 1 precision instrumentation. This sound analyzer has an operating range of 5 dB to 140 dB, and an overall frequency range of 8 to 20,000 Hz. During the measurement program, microphones were fitted with a windscreen, set upon a tripod at a height of approximately 1.5 meters (5 feet) above the ground and located out of the influence of any vertical reflecting surfaces. The sound analyzer was calibrated at the beginning and end of the measurement period using a Larson Davis Model CAL200 acoustic calibrator following procedures that are traceable to the National Institute of Standards and Technology. Table 6 lists the measurement equipment employed during the survey. The sound level meters were programmed to sample and store A-weighted and octave band sound level data, including L_{eq} and the percentile sound levels.

Table 6. Measurement Equipment

Description	Manufacturer	Type
Signal Analyzer	Larson Davis	831
Preamplifier	Larson Davis	PRM902
Microphone	PCB	377B02
Windscreen	ACO Pacific	7-inch
Calibrator	Larson Davis	CAL200

During the survey, weather conditions were conducive to accurate data collection. Weather conditions were mainly sunny with few clouds and no precipitation occurring during the measurement period. Temperatures ranged from 89 to 105 degrees Fahrenheit during the day, and 82 to 87 degrees Fahrenheit during the night.

2.2 FIELD MEASUREMENTS

Three short-term, attended sound measurements were performed at public locations near residential properties proximate to the Project site. The monitoring locations (ML-1 through ML-3) were selected to represent ambient conditions at land uses in the vicinity of the Project site. The short-term monitoring locations are described in Table 7 and mapped on Figure 1. In addition to the monitoring locations, there is a residential noise sensitive area (NSA-1) that is approximately 0.3 miles south of the Project site boundary. Sound measurements were not able to be taken at this location due to it being located on a private road. Additional descriptions of the monitoring locations and field observations are provided below.

Table 7. Sound Level Monitoring Locations

Monitoring Location	Coordinates (Universal Transverse Mercator Zone 10S)		Distance and Direction from Project Site Boundary
	Easting (m)	Northing (m)	
ML-1	731814	4057238	1.3 miles north
ML-2	733771	4052431	0.3 miles southeast
ML-3	734235	4057287	1.3 miles northeast

2.2.1 Location ML-1

This monitoring location is located near the intersection of W. Adams Avenue and S. Ohio Avenue, approximately 1.2 miles from the Project site northern boundary line. This location represents the closest residence to the north.

During the daytime measurement period, noise generated by traffic on W. Adams Avenue was dominant. Noise from insects and gusts of wind were also present during the daytime measurements. During the nighttime measurement period, the traffic decreased but noise from dogs was present.

2.2.2 Location ML-2

This monitoring location is located near the intersection of W. Dinuba Avenue and Route 33, approximately 0.3 miles southeast from the Project site boundary line. This location represents the closest accessible residence to the south.

During the daytime measurement period, noise generated by traffic on Route 33 was dominant. Nighttime measurements were not taken at this location.

2.2.3 Location ML-3

This monitoring location is located near the intersection of W. Adams Avenue and Route 33, approximately 1.3 miles northeast from the Project Site boundary line. This location represents the second closest residence to the north.

During the daytime measurement period, noise generated by traffic on W. Adams Avenue was dominant. There was also moderate wind during the daytime period. Nighttime measurements were not taken at this location.

2.3 MEASUREMENT RESULTS

Table 8 provides a summary of the measured ambient sound levels observed at each of the monitoring locations for both the daytime and nighttime L_{eq} . While nighttime measurements were not able to be taken at ML-2 and ML-3, the daytime measurement results between all monitoring locations were within 2 dB, and as such, the nighttime measurement results were assumed to follow a similar trend. Thus, the nighttime results for ML-1 were applied to ML-2 and ML-3.

Table 8. Sound Measurement Results – L_{eq} Sound Levels

Monitoring Location	Time Period	L_{eq} (dBA)
ML-1	Day	34
	Night	33
ML-2	Day	34
	Night	33*
ML-3	Day	32
	Night	33*

*Nighttime results for ML-1 were applied to ML-2 and ML-3

Ambient sound levels did exhibit typical diurnal patterns. Daytime L_{eq} sound levels at the measurement locations ranged from a low of 32 dBA at ML-3 to a high of 34 dBA at ML-1 and ML-2. Nighttime sound levels were 33 dBA at ML-1.

Sound measurements were not able to be taken at NSA-1, so the measured ambient levels at the closest monitoring location (ML-2) were applied for assessment purposes.

3.0 PROJECT CONSTRUCTION

Construction of the Project is expected to be typical of other solar power generating facilities in terms of schedule, equipment, and activities. Construction is anticipated to occur over approximately 16 months and would require a variety of equipment and vehicles. The equipment and vehicles would comply with noise requirements in Section 8.40.060 of the Fresno County Noise Control Ordinance. Temporary construction, maintenance, repair, or demolition activities between 6:00 a.m. and 9:00 p.m. (except Sundays and federal holidays) are exempt from the noise regulations. The Project would comply with this regulation and applicable conditions related to noise.

3.1 NOISE CALCULATION METHODOLOGY

Acoustic emission levels for activities associated with Project construction were based upon typical ranges of energy equivalent noise levels at construction sites, as documented by the United States Environmental Protection Agency (USEPA 1971) and the USEPA's "Construction Noise Control Technology Initiatives" (USEPA 1980). The USEPA methodology distinguishes between type of construction and construction stage.

Using those energy equivalent noise levels as input to a basic propagation model, construction noise levels were calculated at the nearest Project site boundary, the three MLs, and NSA-1.

The basic model assumed spherical wave divergence from a point source located at the closest boundary line of the Project site to each receptor. Furthermore, the model conservatively assumed that all pieces of construction equipment associated with an activity would operate simultaneously for the duration of that activity. An additional level of conservatism was built into the construction noise model by excluding

potential shielding effects due to intervening structures and buildings along the propagation path from the site to receiver locations.

3.2 PROJECTED NOISE LEVELS DURING CONSTRUCTION

Table 9 summarizes the projected noise levels due to Project construction, organized into the following three broad work stages:

1. Mobilization, site preparation, fencing, laydown, and trenching;
2. Cable install, trench backfill, pile driving and racking install, inverter install, module install, and BESS install; and
3. Inverter, pile driving and racking install, module, BESS install, commissioning and testing.

Based on sound propagation calculations, construction sound levels are predicted to range from 48 to 66 dBA at the MLs and NSA-1. Periodically, sound levels may be higher or lower than those presented in Table 9; however, the overall sound levels should generally be lower due to excess attenuation and the trend toward quieter construction equipment in the intervening decades since this data was developed. As shown in Table 9, the highest projected sound level from construction-related activity is expected to occur at ML-2 and NSA-1 during activities associated with Stage 2.

Table 9. Projected Construction Noise Levels by Stage (dBA L_{eq})

Construction Stage	USEPA Construction Noise Level 50 feet	ML-1	ML-2	ML-3	NSA-1
Stage 1	90	48	60	48	60
Stage 2	96	53	66	53	66
Stage 3	95	52	65	52	65

The construction of the Project may cause short-term, but unavoidable noise impacts that could be loud enough at times to temporarily interfere with speech communication outdoors and indoors with windows open at NSA-1 and ML-2. The noise levels resulting from the construction activities would vary significantly depending on several factors such as the type and age of equipment, specific equipment manufacture and model, the operations being performed, and the overall condition of the equipment and exhaust system mufflers.

Project construction would occur between 6:00 a.m. and 9:00 p.m., Monday through Friday in compliance with the County's Code. Furthermore, all reasonable efforts would be made to minimize the impact of noise resulting from construction activities including implementation of standard noise reduction measures. Due to the infrequent nature of loud construction activities at the site, the limited hours of construction and the implementation of noise mitigation measures, the temporary increase in noise due to construction is considered to be a less than significant impact.

3.3 CONSTRUCTION NOISE MITIGATION

Since construction machines operate intermittently, and the types of machines in use at the Project site change with the stage of construction, noise emitted during construction would be mobile and highly variable, making it challenging to control. The construction management protocols would include the following noise mitigation measures to minimize noise impacts:

- Maintain all construction tools and equipment in good operating order according to manufacturers' specifications;
- Limit use of major excavating and earth-moving machinery to daytime hours;

- To the extent practicable, schedule construction activity during normal working hours on weekdays when higher sound levels are typically present and are found acceptable. Some limited activities, such as concrete pours, would be required to occur continuously until completion;
- Equip any internal combustion engine used for any purpose on the job or related to the job with a properly operating muffler that is free from rust, holes, and leaks;
- For construction devices that utilize internal combustion engines, ensure the engine's housing doors are kept closed, and install noise-insulating material mounted on the engine housing consistent with manufacturers' guidelines, if possible;
- Limit possible evening shift work to low noise activities such as welding, wire pulling, and other similar activities, together with appropriate material handling equipment; and
- Utilize a Complaint Resolution Procedure to address any noise complaints received from residents.

3.4 VIBRATION CALCULATION METHODOLOGY

Vibration levels for activities associated with Project construction were based on the average of source levels in PPV published with the FTA (2006) Noise and Vibration Manual, which documents several types of construction equipment measured under a wide variety of construction activities. Using the documented vibration levels as input into a basic propagation model, construction vibration levels were calculated at the nearest Project site boundary and then at the MLs and NSA-1.

3.5 PROJECTED VIBRATION LEVELS DURING CONSTRUCTION

As discussed in Section 3.2, Project construction would be completed in three work stages. This vibration level evaluated the worst-case vibration source, which would be pile driving. Based on vibration propagation calculations, construction vibration levels are predicted to range from 0.0001 PPV inches per second (in/sec; 31 VdB) to 0.0013 PPV in/sec (50 VdB) dBA at the MLs. These levels are based on the worst-case vibration producing equipment and it is expected that other vibration generating equipment proposed for the Project construction would result in lower vibration levels. Table 10 summarizes the predicted vibration levels at each of the MLs based on the highest vibration generating equipment. As shown in Table 10, the Project construction would demonstrate vibration levels below the human perception threshold of approximately 65 VdB.

Table 10. Projected Construction Vibration Levels

Construction Operation	Vibration Level Metric	FTA Construction Vibration Level (25 feet)	ML-1	ML-2	ML-3	NSA-1
Pile Driving	PPV in/sec	0.644	0.0001	0.0013	0.0001	0.0013
	VdB	104	31	50	31	50

4.0 OPERATIONAL NOISE

This section describes the model utilized for the assessment; input assumptions used to calculate noise levels due to the Project's normal operation; a conceptual noise mitigation strategy, and the results of the noise impact analysis.

4.1 NOISE PREDICTION MODEL

The Cadna-A® computer noise model was used to calculate sound pressure levels from the operation of the Project equipment in the vicinity of the Project site. An industry standard, Cadna-A® was developed by DataKustik GmbH to provide an estimate of sound levels at distances from sources of known

emission. It is used by acousticians and acoustic engineers due to the capability to accurately describe noise emission and propagation from complex facilities consisting of various equipment types like the Project and in most cases, yields conservative results of operational noise levels in the surrounding community.

The current ISO standard for outdoor sound propagation, ISO 9613 Part 2 – “Attenuation of Sound during Propagation Outdoors,” was used within Cadna-A (ISO 1996). The method described in this standard calculates sound attenuation under weather conditions that are favorable for sound propagation, such as for downwind propagation or atmospheric inversion, conditions which are typically considered worst-case. The calculation of sound propagation from source to receiver locations consists of full octave band sound frequency algorithms, which incorporate the following physical effects:

- Geometric spreading wave divergence;
- Reflection from surfaces;
- Atmospheric absorption at 10 degrees Celsius and 70 percent relative humidity;
- Screening by topography and obstacles;
- The effects of terrain features including relative elevations of noise sources;
- Sound power levels from stationary and mobile sources;
- The locations of noise-sensitive land use types;
- Intervening objects including buildings and barrier walls, to the extent included in the design;
- Ground effects due to areas of pavement and unpaved ground;
- Sound power at multiple frequencies;
- Source directivity factors;
- Multiple noise sources and source type (point, area, and/or line); and
- Averaging predicted sound levels over a given time.

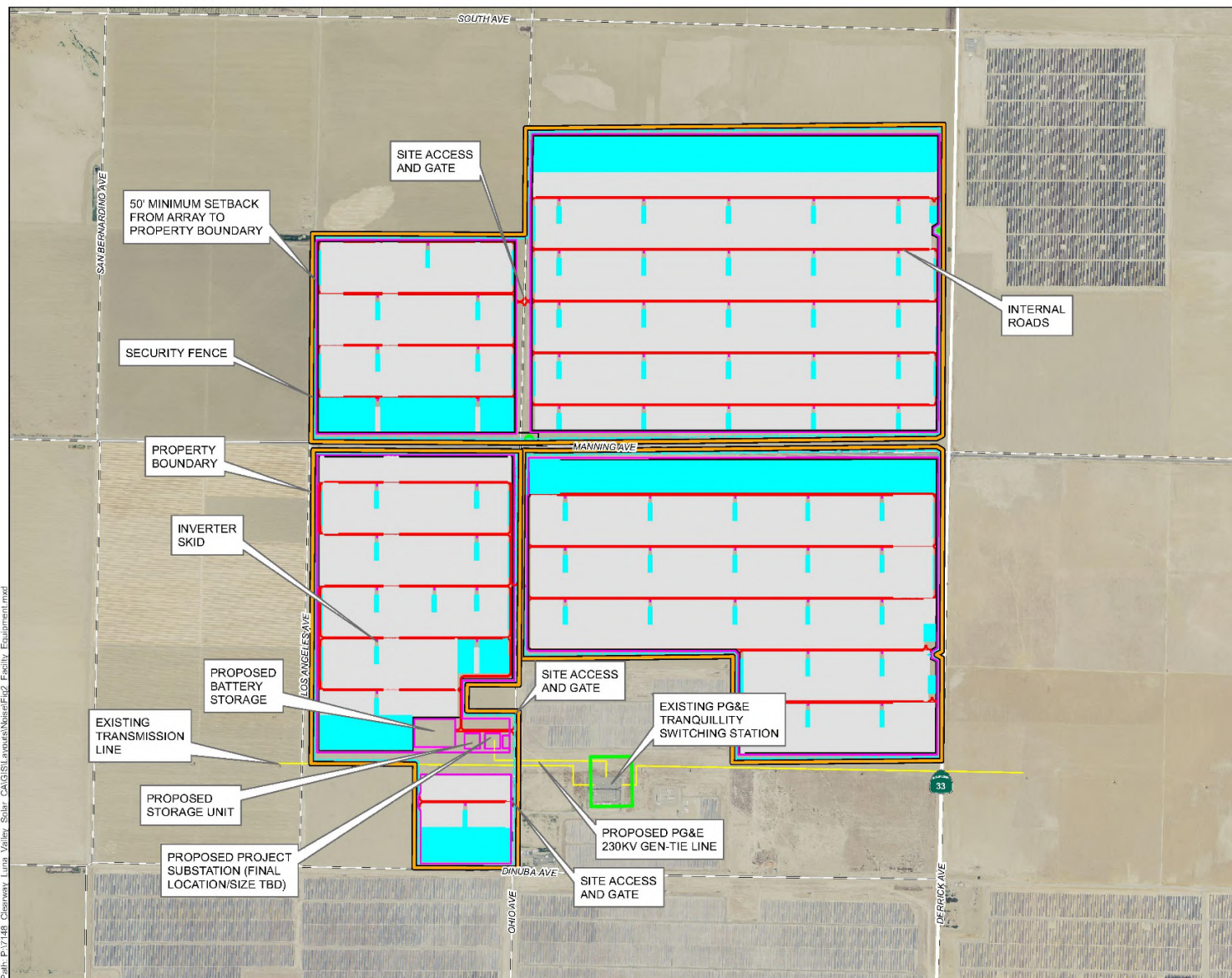
Cadna-A allows for three basic types of sound sources to be introduced into the model: point, line, and area sources. Each noise-radiating element was modeled based on its noise emission pattern. Larger dimensional sources such as the transformers and inverters were modeled as area sources.

Off-site topography was obtained using the publicly available United States Geological Survey digital elevation data. A default ground attenuation factor of 0.5 was assumed for off-site sound propagation over acoustically “mixed” ground. A ground attenuation factor of 0.0 for a reflective surface was assumed for paved onsite areas.

The output from Cadna-A includes tabular sound level results at selected receiver locations and colored noise contour maps (isopleths) that show areas of equal and similar sound levels.

4.2 INPUT TO THE NOISE PREDICTION MODEL

The Project’s general arrangement was reviewed and directly imported into the acoustic model so that on-site equipment could be easily identified; buildings and structures could be added; and sound emission data could be assigned to sources as appropriate. Figure 2 shows the Project equipment layout based on Engineering Drawing No. E200 dated March 13, 2020, which Clearway provided to Tetra Tech on March 13, 2020.



Luna Valley Solar
Fresno County, CA

Figure 2
Facility Equipment Layout



Legend

- Project Area

Transportation

- State Highway
- Local Road

Scale is 1:14,000 when printed at 11"x17"

NOT FOR CONSTRUCTION

Path: P:\17148_Clearway_Luna_Valley_Solar_CAGIS\Layouts\Notes\Fig2_Facility_Equipment.mxd

The primary noise sources during operations are the inverters, transformers, battery storage liquid cooling units, and battery storage inverters. It is expected that all equipment would operate during the daytime period. During the nighttime period the battery storage would discharge electricity resulting in the operation only of the battery storage liquid cooling units, battery storage inverters, and substation transformer. It is assumed that the solar panel inverters and the solar panel inverter distribution transformers would not operation during the nighttime period. Reference sound power levels input to Cadna-A were provided by equipment manufacturers, based on information contained in reference documents or developed using empirical methods. The source levels used in the predictive modeling are based on estimated sound power levels that are generally deemed to be conservative. The projected operational noise levels are based on Applicant-supplied sound power level data for the major sources of equipment. Table 11 summarizes the equipment sound power level data used as inputs to the initial modeling analysis.

Table 11. Modeled Octave Band Sound Power Level (L_p) for Major Pieces of Project Equipment

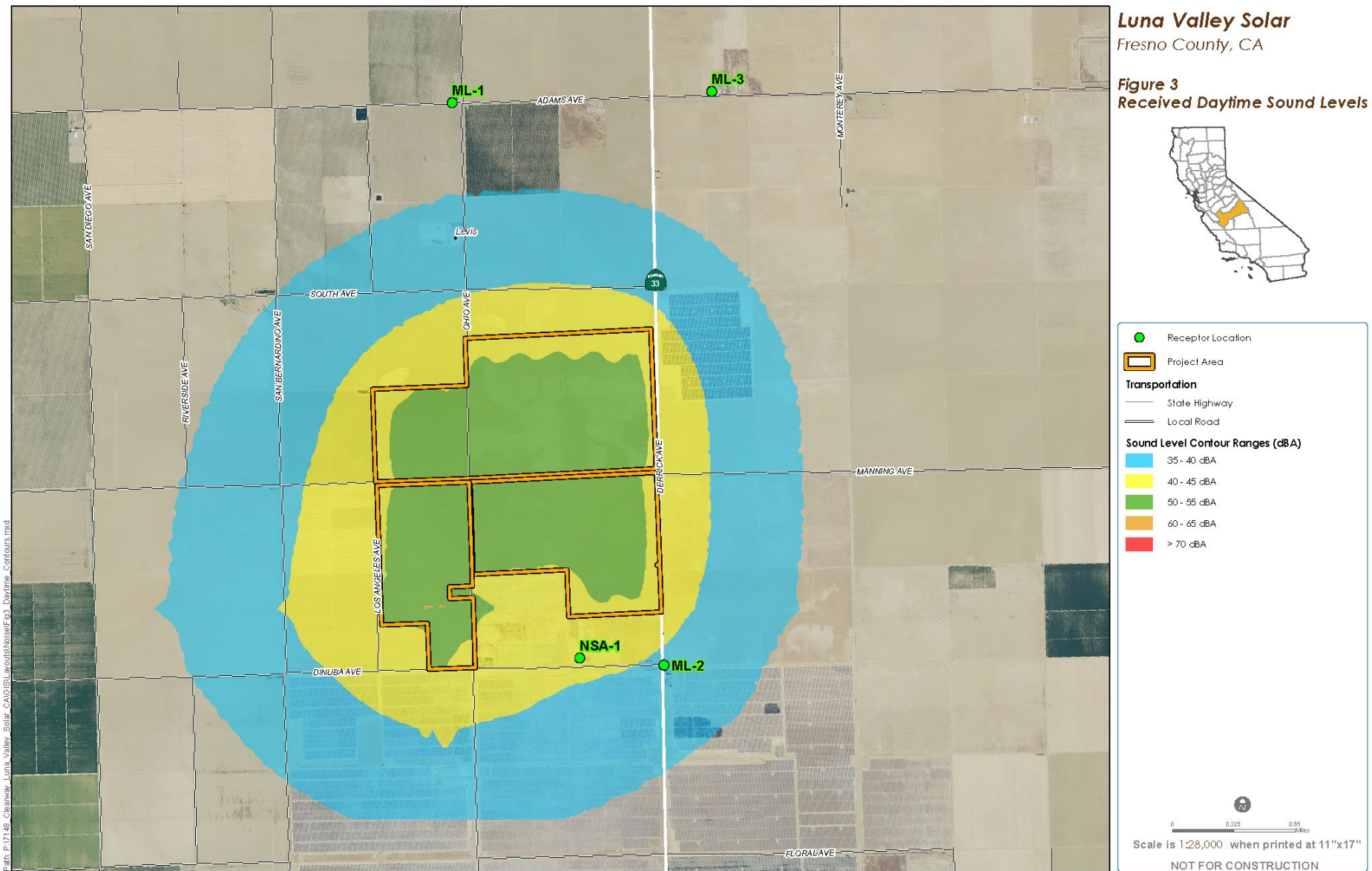
Sound Source	Sound Power Level (L_p) by Octave Band Frequency dBL									Broadband Level
	31.5	63	125	250	500	1k	2k	4k	8k	dBA
Inverter ¹	72	80	87	88	87	84	79	72	65	93
Inverter Distribution Transformer	69	75	77	72	72	66	61	56	49	81
Substation Transformer	82	88	90	85	85	79	74	69	62	94
Battery Storage liquid Cooling Unit	79	74	71	64	68	52	46	39	34	61

¹Sound source represents both the solar panel inverters as well as the battery storage inverters.

4.3 NOISE PREDICTION MODEL RESULTS

Broadband (dBA) sound pressure levels were calculated for expected normal Project operation assuming that all components identified previously are operating continuously and concurrently at the representative manufacturer-rated sound. It is expected that all equipment would operate during the daytime period, while the only battery storage cooling units and substation transformer would operate during the nighttime period. The sound energy was then summed to determine the equivalent continuous A-weighted downwind sound pressure level at a point of reception. Sound contour plots displaying broadband (dBA) sound levels presented as color-coded isopleths are provided in Figure 3 for daytime levels, and Figure 4 for the nighttime levels. The noise contours are graphical representations of the cumulative noise associated with full operation of the equipment and show how operational noise would be distributed over the surrounding area of the Project site. The contour lines shown are analogous to elevation contours on a topographic map, i.e., the noise contours are continuous lines of equal noise level around some source, or sources, of noise. Figure 3 and Figure 4 also show the ambient sound monitoring locations, representative of proximate noise sensitive land uses, that were used to assess potential noise impacts on a cumulative basis.

Table 12 and Table 13 show the projected exterior sound levels resulting from full, normal operation of the Project during daytime and nighttime, respectively, at the MLs and NSA-1. The tables also provide the total predicted net increase in sound energy at each of the three MLs and NSA-1, which are representative of proximate noise sensitive areas relative to the Project site.



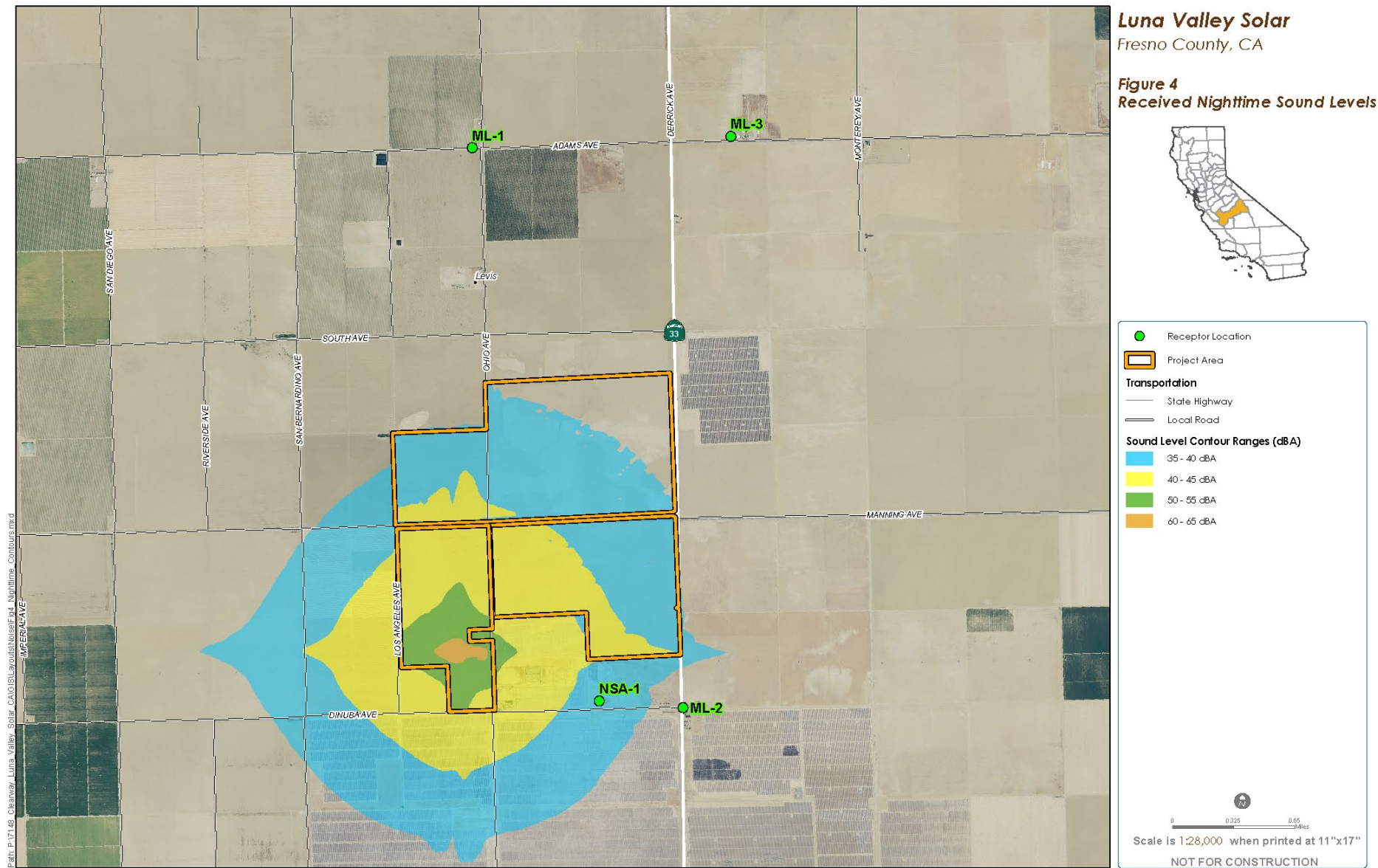


Table 12. Daytime Acoustic Modeling Results Summary

Monitoring Location	Daytime Ambient L _{eq} , dBA	Project Sound Level, dBA	Total Sound Level (Ambient + Project), dBA	Net Increase in Sound Level, dBA
ML-1	34	34	37	3
ML-2	34	40	41	7
ML-3	32	32	35	3
NSA-1	34	43	44	10

Table 13. Nighttime Acoustic Modeling Results Summary

Monitoring Location	Nighttime Ambient L _{eq} , dBA	Project Sound Level, dBA	Total Sound Level (Ambient + Project), dBA	Net Increase in Sound Level, dBA
ML-1	33	26	34	1
ML-2	33	34	37	4
ML-3	33	24	34	1
NSA-1	33	38	39	6

Table 12 and Table 13 show the highest total sound levels, inclusive of ambient and project operational levels, are associated with NSA-1, which would comply with the Fresno County Noise Control Ordinance daytime threshold limit of 50 dBA, as well as the nighttime threshold of 45 dBA.

4.4 TRANSMISSION LINE NOISE ANALYSIS

To interconnect the Project to the Pacific Gas and Electric (PG&E) Tranquillity Switching Station, PG&E would extend the footprint of the existing Tranquillity Switching Station north by approximately 100 feet and construct a new 230 kilovolt (kV) transmission line that would extend from the Tranquillity Switching Station to a structure located on the solar Project property. The PG&E transmission line would include approximately 1,300 feet of 230 kV conductor strung on approximately four tubular steel poles up to 140 feet in height. The PG&E transmission line would also include underground fiber optic line for communications. Energy from the Project solar arrays would be collected at the Project substation, described above, and transmitted to the PG&E-owned Tranquillity substation via PG&E transmission line, as shown on the submitted Site Plan. The nearest sensitive residential receptor would be approximately 0.5 miles away from the transmission line. The PG&E transmission line would be built by PG&E; however, the associated transmission line noise is included in this discussion of operation of the Project.

When a subtransmission line is in operation, an electric field is generated in the air surrounding the conductors, forming a corona. The corona results from the partial breakdown of the electrical insulating properties of the air surrounding the conductors. When the intensity of the electric field at the surface of the conductor exceeds the insulating strength of the surrounding air, a corona discharge occurs at the conductor surface, representing a small dissipation of heat and energy. Some of the energy may dissipate in the form of small local pressure changes that result in audible noise or in radio or television interference. Audible noise generated by corona discharge is characterized as a hissing or crackling sound that may be accompanied by a 120 Hz hum. Slight irregularities or water droplets on the conductor and/or insulator surface accentuate the electric field strength near the conductor surface, thereby making corona discharge and the associated audible noise more likely. Therefore, audible noise from subtransmission lines is generally a foul-weather phenomenon that results from wetting of the conductor.

However, during fair weather, insects and dust on the conductors can also serve as sources of corona discharge.

The Electric Power Research Institute has conducted several studies of corona effects (EPRI 1978, 1987). The typical noise levels for transmission lines with wet conductors are shown in Table 14.

Table 14. Transmission and Subtransmission Line Voltage and Audible Noise Levels

Line Voltage (kV)	Audible Noise Level Directly Below the Conductor (dBA)
138	34
240	40
360	51

As shown in Table 14, the audible noise associated with transmission and subtransmission lines decreases as the line voltage decreases; the audible noise associated with the 240-kV line is lower than 40 dBA. The noise levels from the Project's transmission lines at the nearest sensitive residential receptor located 0.5 miles away would be less than 30 dBA. This noise level would comply with the County's nighttime threshold of 45 dBA and would result in a less than 1 dB increase to the existing ambient noise level.

5.0 CONCLUSIONS

The construction of the Project has been organized into three broad work stages. Based on sound propagation calculations, construction sound levels are predicted to range from 48 to 66 dBA at the MLs and NSA-1. Periodically, sound levels may be higher or lower than those presented in Table 9; however, the overall sound levels should generally be lower due to excess attenuation and the trend toward quieter construction equipment in the intervening decades since these data were developed. As shown in Table 9, the highest projected sound level from construction-related activity is expected to occur at ML-2 and NSA-1 during activities associated with Stage 2, which would comply with the FTA threshold of 80 dBA. Furthermore, reasonable efforts would be made to minimize the impact of noise resulting from construction activities at proximate noise sensitive areas through the use of noise mitigation. Because of the temporary nature of the construction noise, no adverse or long-term effects are expected.

During Project construction, the worst-case vibration source would be pile driving. Based on vibration propagation calculations, construction vibration levels are predicted to range from 0.0001 PPV in/sec (31 VdB) to 0.0013 PPV in/sec (50 VdB) dBA at the MLs. These levels are based on the worst-case vibration producing equipment and it is expected that other vibration generating equipment proposed for the Project construction would result in lower vibration levels. Project construction would demonstrate vibration levels below the human perception threshold of approximately 65 VdB.

Normal Project operations would occur during the daytime period, while only the battery storage liquid cooling units, battery storage inverters, and substation transformer would operate during the nighttime period. The highest total sound levels, inclusive of ambient and project operational levels, are associated with NSA-1, which would be 44 dBA during the day and 39 dBA during the night. These levels show compliance with the Fresno County Noise Control Ordinance daytime threshold limit of 50 dBA, as well as the nighttime threshold of 45 dBA.

The Project substation would connect to a PG&E-constructed transmission line that would be constructed to connect the Project's output to the existing PG&E Tranquillity Switching Station. The audible noise associated with the 230-kV line is lower than 40 dBA. The noise levels from PG&E's transmission lines at

the nearest sensitive residential receptor located 0.5 miles away would be less than 30 dBA. This noise level would comply with the County's nighttime threshold of 45 dBA and would result in a less than 1 dB increase to the existing ambient noise level.

6.0 REFERENCES

- California Energy Commission (CEC). 2010. Calico Solar Power Project Commission Decision, CEC800-2010-012-CMF. Sacramento, California.
- Electrical Power Research Institute (EPRI). 1978. Transmission Line Reference Book, 115-138 kV.
- Electrical Power Research Institute (EPRI). 1987. Transmission Line Reference Book, 345 kV.
- Fresno County. 2000. Fresno County 2000 General Plan
- Fresno County. 2020. Code of Ordinances, Chapter 8.40 Noise Control Ordinance
- FTA (Federal Transit Authority). 2006. Transit Noise and Vibration Impact Assessment Manual.
- ISO (International Organization for Standards). 1996. Acoustics – Attenuation of Sound during Propagation Outdoors. Part 2: General Method of Calculation. ISO Standard 9613-2. Geneva, Switzerland.
- Kurze, U. and L. Beranek. 1988. Noise and Vibration Control. Institute of Noise Control Engineering, Washington, DC.
- United States Environmental Protection Agency (USEPA). 1971. Technical Document NTID300.1, Noise from Construction Equipment and Operations, US Building Equipment, and Home Appliances. Prepared by Bolt Beranek and Newman for USEPA Office of Noise Abatement and Control, Washington, DC. December 1971.
- United States Environmental Protection Agency (USEPA). 1980. Construction Noise Control Technology Initiatives. Technical Report No. 1789. U.S. Environmental Protection Agency, Washington, DC: September 1980.

Appendix K

Traffic Impact Study



TRAFFIC IMPACT STUDY

**Luna Valley Solar Project
Fresno County, California**



December 2020

 **Clearway**
Luna Valley Solar I, LLC

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APPENDICIES

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- Appendix A – Traffic Data
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ACRONYMS AND ABBREVIATIONS

°	decimal degrees
CEQA	California Environmental Quality Act
ESAL	Equivalent Single Axle Load
ft.	feet
GHG	greenhouse gas
Guidelines	<i>Guidelines for the Preparation of Traffic Impact Studies Within the County of Fresno</i>
HCM	Highway Capacity Manual
LOS	Level of Service
PCE	Passenger Car Equivalent
PHT	Peak Hour Traffic
Project	Luna Valley Solar Project
PV	photovoltaic
TI	Traffic Index
TIS	Traffic Impact Study
VMT	Vehicle Miles Traveled

1.0 OVERVIEW

Luna Valley Solar I, LLC is proposing to develop, own, and operate the Luna Valley Solar Project (Project) in Fresno County, California. Tetra Tech Inc. performed a technical analysis of traffic impacts related to the Project on behalf of Luna Valley Solar I, LLC, using the *Guidelines for the Preparation of Traffic Impact Studies Within the County of Fresno* (Guidelines; Fresno County 2018). Additionally, standard analysis methodology developed by Transportation Research Board, in the Highway Capacity Manual (HCM) were used (TRB 2016).

In 2013, the State of California passed Senate Bill (SB) 743, which stated the most appropriate measure of transportation impacts is Vehicle Miles Traveled (VMT) as guided by the California Environmental Quality Act (CEQA). Jurisdictions had until July 1, 2020 to adopt and begin implementing VMT thresholds for traffic analysis. Prior to July 1, 2020, jurisdictions had the option to continue using LOS analysis or converting to VMT analysis once such thresholds were adopted. As detailed in this study, VMT for the Project is analyzed as required by the State CEQA Guidelines and additionally a LOS analyses is provided at the request of Fresno County and per the Guidelines referenced above. The Guidelines thresholds are based on the Fresno County's General Plan *Transportation and Circulation Element* (Fresno County 2000).

This Traffic Impact Study (TIS) will focus on;

- Existing traffic volumes and current local infrastructure conditions/characteristics.
- Projected future traffic conditions without the presence of the Project.
- Peak construction impacts during the month(s) of construction that will have the largest number of workers and deliveries as well as implications for the remaining construction process.
- The operational impacts of the Project will be considered using the 20-year horizon traffic projections.
- A discussion of the results and implications of the estimated Project traffic on the existing transportation system.
- A discussion of the Project's VMT impacts as required by the State CEQA Guidelines.

The purpose of this TIS is to qualify and quantify impacts of construction and operations traffic to the local transportation infrastructure and to provide Fresno County with the information necessary for approval of the Project and to satisfy requirements within the Guidelines and CEQA.

In accordance with Appendix G of the State CEQA Guidelines, a proposed project would have a significant transportation impact if the project would:

1. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities;
2. Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b);
3. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); or
4. Result in inadequate emergency access.

2.0 PROJECT DESCRIPTION

The Project is in Fresno County, California, 9 miles west-southwest of the city of Tranquillity within the unincorporated area of Levis (Figure 1). The Project consists of constructing and operating a photovoltaic (PV) solar electricity generating facility and energy storage system with associated infrastructure that would produce up to 200 megawatts of alternating current energy at the point of electrical grid interconnection. The Project will be situated on approximately 1,300 acres of privately-owned agricultural land (Figure 2) in western Fresno County. The Project would include the construction of solar arrays, an electrical substation and electrical interconnection facilities, an energy storage system and other necessary infrastructure including an operation and maintenance building, septic system and leach field, a supervisory control and data acquisition system, a meteorological data system, buried conduit for electrical wires, overhead collector lines, on-site access roads and security fencing.

2.1 PROJECT LOCATION

The Project site is in unincorporated Fresno County and generally bound by flat, agricultural lands and other solar energy generation facilities. The nearest town is Tranquillity, a census-designated place, located approximately 9 miles to the east-northeast. The city of Fresno (Fresno) is located about 40 miles to the northeast of the site. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of the Project area. The cities of Mendota and San Joaquin are approximately 10 miles north and east of the Project area, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project area.

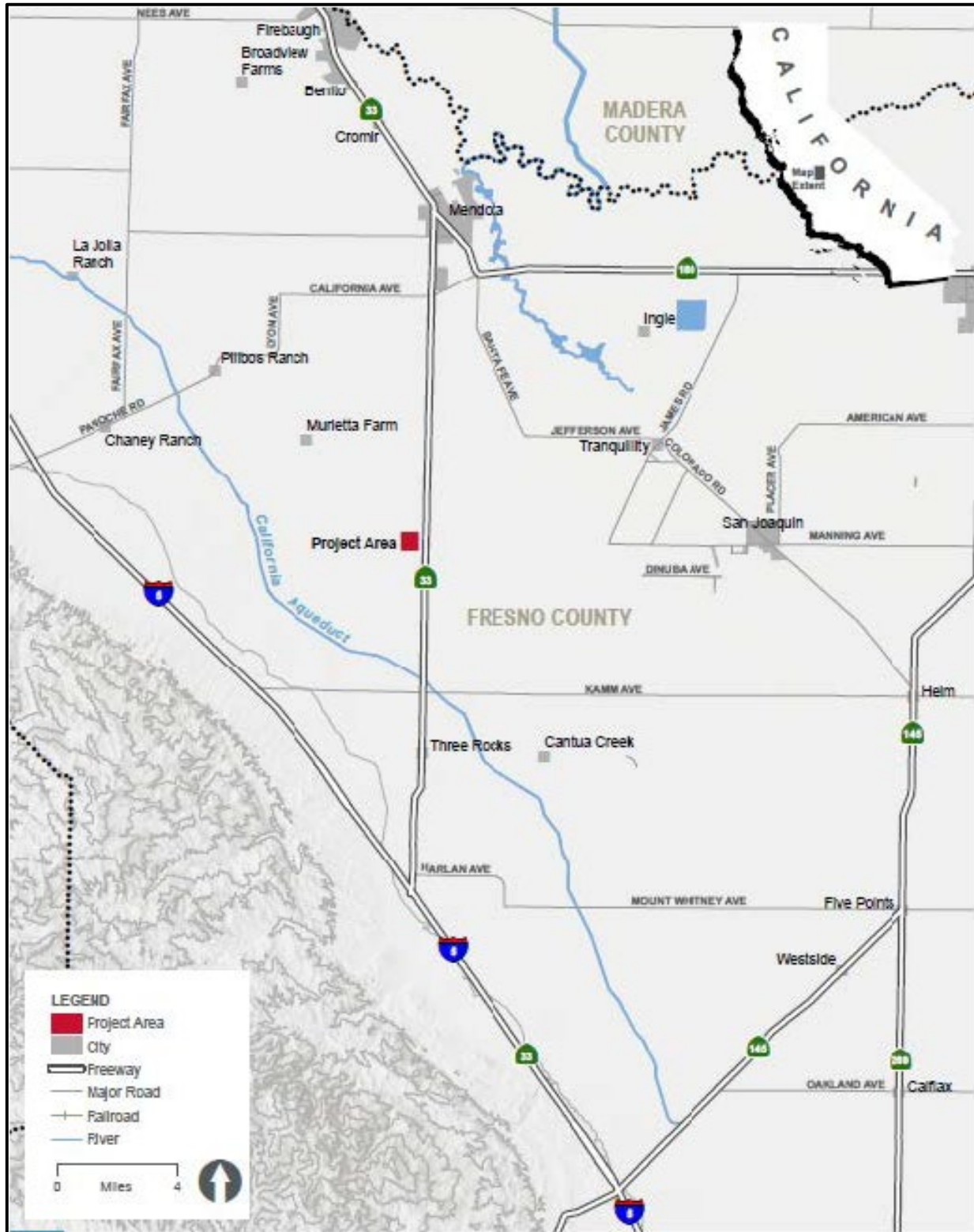
More specifically, S. Derrick Avenue defines the eastern boundary of the Project area. The western edge of the Project area is approximately 2,600 feet (ft.) east of S. Bernardino Avenue, the northern edge is approximately 1,400 ft. south of W. South Avenue, and the southern edge is approximately 1,300 ft. north of W. Dinuba Avenue. W. Manning Avenue cuts through the approximate middle of the Project area from east to west and S. Ohio Avenue cuts through the approximate middle of the Project area from north to south.

The Project site is entirely within the U.S. Geological Survey 7.5-minute topographic quadrangle of Levis. The Project area is located within Township 15 South, Range 14 East, Sections 23, 24, 25, and 26. The Project site is located approximately within the latitudes of 36.59° and 36.61° and within the longitudes of -120.39° and -120.42° (in decimal degrees). The Project area centroid is located at approximately latitude/longitude 36°36'12"N/120°24'05"W.

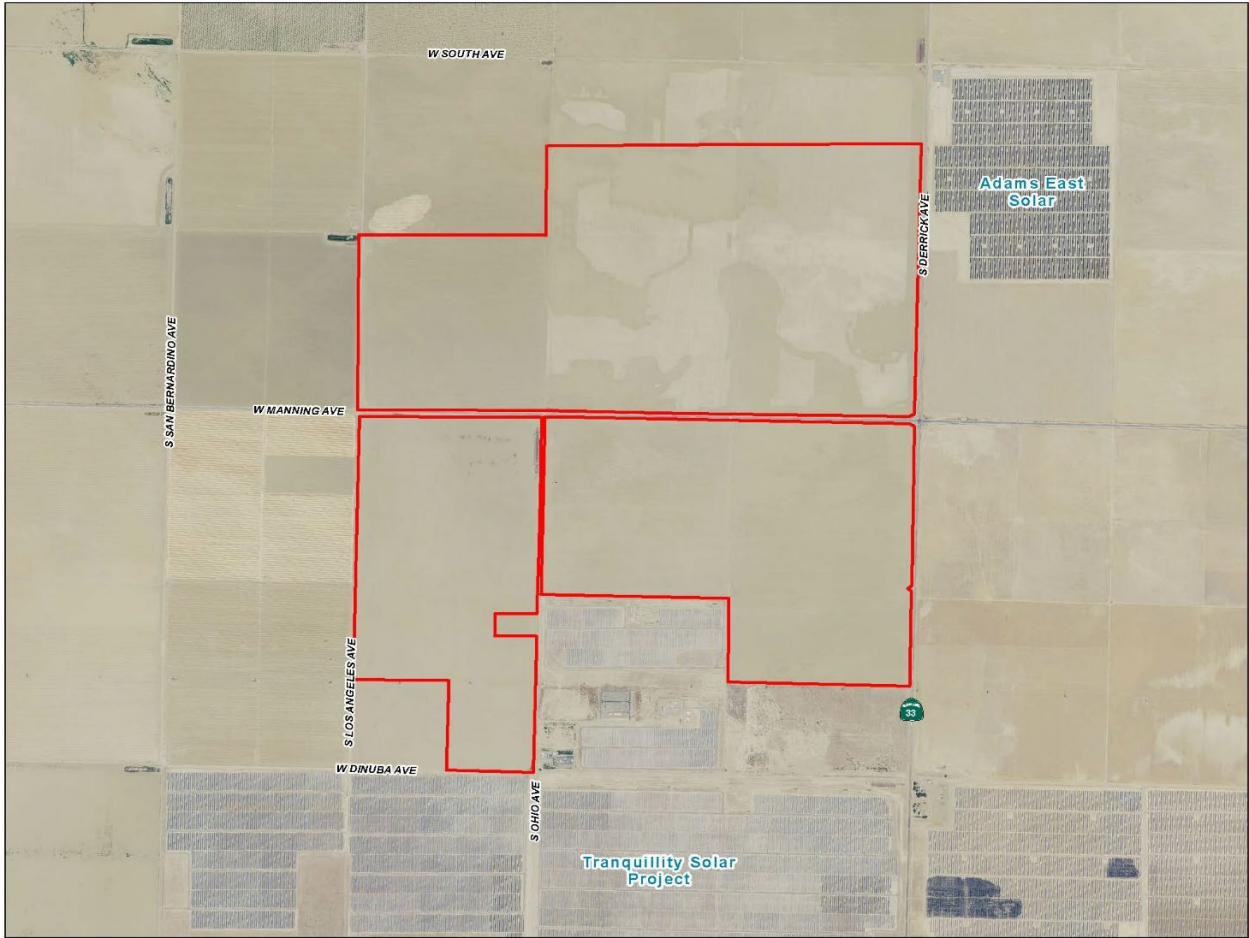
The Project site is located in an area zoned AE – 20, Exclusive Agriculture; 20-acre minimum parcel size. Within this zoning district, Fresno County permits utility-scale solar energy uses with an Unclassified Conditional-Use Permit.

For the purposes of the TIS, an Area of Interest or Project area is not a finite bounded area, but rather simply all major intersections, and roadways relevant to Project construction and operations. The Area of Interest is as follows:

- Intersection of W. Manning Avenue and S. Derrick Avenue
- Intersection of S. Derrick Avenue and Panoche Road
- Intersection of S. San Benito Avenue and Panoche Road
- Intersection of W. Whitesbridge Avenue and Panoche Road
- Interstate 5 interchange at W. Manning Avenue (delivery route only)
- Interstate 5 interchange at S. Derrick Avenue (delivery route only)
- S. Derrick Avenue
- W. Manning Avenue



**PROJECT LOCATION
FIGURE 1**



**PROJECT SITE
FIGURE 2**

2.2 PROJECT SCHEDULE

The Project is scheduled to go through the permitting process and the California Environmental Quality Act (CEQA) review through summer 2021. Construction is anticipated to begin in 2022 and the facility would begin operations in 2023.

More specifically, site civil work will occur for approximately 2 months, at which point high voltage, battery storage, and PV system work will all occur simultaneously for approximately 10 months, and completions, testing and commissioning will take 4 to 6 months following that. The peak month of construction is anticipated to be the 7th month from the start of construction.

2.3 METHODOLOGY

This study was designed to evaluate potential impacts associated with routing Project traffic to and from the Project via the major local intersections on the haul route. This was accomplished by multiple evaluation metrics including evaluating the potential change to the Level of Service (LOS) rating of the roadway and intersections, evaluating the additional Vehicle Miles Traveled (VMT) caused by construction and operations, and performing a Traffic Index (TI) analysis to quantify changes in the TI value which is an aspect of the road pavement design.

2.3.1 Level of Service

LOS is a qualitative measure used to relate the quality of motor vehicle traffic service based on the delay a driver is likely to experience when using the intersection or roadway. The LOS performance measure is analyzed for a representative worst-case time frame, or the most severe period of time for impacts that are likely to occur. This means impacts are analyzed for Peak Hour Traffic (PHT) which is most commonly “rush hour” traffic. This forms the basis for how infrastructure currently performs. Project PHT from the peak month or week of construction (the period of construction with the largest number of workers) is added to the existing PHT to show the most severe delays that motorists might experience during the construction process.

The LOS performance measure for an intersection is based on the average delay that a vehicle will experience after approaching the intersection. Unsignalized intersections include driveway accesses, two-way and four-way stop-controlled intersections, and roundabouts. The LOS analysis provides a standardized means of describing transportation facility operation by assigning a letter grade to it. As shown in Table 1, LOS ranges from A to F with LOS A representing the best conditions (free flow) and LOS F representing the worst conditions (most congested). The analyses are based on the HCM guidelines for determining LOS (TRB 2016). The delay must be analyzed for each movement of the intersection independently. If several movements share a lane, the capacities are calculated separately then combined into a shared movement capacity that is used in the delay equation in place of movement capacity.

Table 1. LOS Definitions

LOS	Unsignalized Intersection Delay (seconds)	Highway (PCPMPL)
A	0-10	0-11
B	10-15	11-18
C	16-25	18-26
D	26-35	26-35
E	36-50	35-45
F	>50	>45

PCPMPL - passenger car per mile per lane

Intersections are separated into turning movements to analyze them. There are many variables that impact intersection function and how humans behave within them, including geometry, presence of pedestrians and bikes, lane width, grade, theoretical maximum movement counts if no traffic is present at any other movement/lane group, and conflicting traffic demand volume. Geometry is the physical layout of the intersection such as “T” or “4 leg” intersection and the number of lanes for each direction. Pedestrian and bike crossings can impede traffic, so hourly estimates for this volume can also be important. Lane width affects a driver’s comfort and ultimately how quickly they can negotiate the movement, as can the length of time it takes a pedestrian to cross. The theoretical maximum capacities, also known as saturation flow rate, taken from the HCM are 1,800 passenger car equivalent (PCE) vehicles per day for a free-flowing lane (TRB 2016). Heavy vehicles such as buses and semi-trucks are converted to PCE with a heavy vehicle factor as defined by the HCM. Tables 5, 6, 7 include PCE use a factor of 3.0, however this value is representative and varies depending on the type of LOS Calculation (signalized intersection, stop controlled intersection, or highway). The HCS7 software does this adjustment automatically with the inputs being total unadjusted number of vehicles and percent of heavy vehicles. Finally, conflicting volume is the number of cars that impede a motorist from completing a movement, e.g., right turns that need to merge with conflicting cross traffic.

Freeway and highway LOS are based on the density of traffic using the road in units of passenger cars per mile per lane. Roadway LOS analysis is only performed on highways and freeways. For analysis, a freeway is a road where all vehicles enter and exit via ramps and the intersections are not at grade and a highway is a road that is uncontrolled at the intersections, but the intersections are at grade. All other road types encounter control measures at intersections and the flow of traffic is dictated by the intersection rather than characteristics of the road. The HCM does not have methods for analyzing LOS at minor roads between intersections.

2.3.2 Vehicle Miles Traveled

The VMT metric is project-based and is implemented to help quantify traffic induced by construction and operations. The VMT metric is used to align effects on traffic with greenhouse gas (GHG) emissions. VMT is presented as a time dependent value; the number of additional VMT per week during construction and operations, as well as a total VMT value for the entire Project. The California Natural Resources Agency adopted changes to the CEQA identifying VMT as “the most appropriate metric to evaluate a project’s transportation impacts... Thus, to achieve the State’s long-term climate goals, California needs to reduce per capita VMT.” The VMT values calculated should be compared to a jurisdictionally determined threshold of significance which ultimately dictates whether a project’s traffic impacts are significant and require mitigation or are a less than significant impact.

Fresno County has not yet developed a threshold of significance for VMT, so in lieu of that the criteria as stated in the Technical Advisory on Evaluating Transportation Impacts in CEQA (CEQA 2018) will apply;

“The VMT metric can support the three statutory goals: “the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses.” (Pub. Resources Code, § 21099, subd. (b)(1), emphasis added.) However, in order for it to promote and support all three, lead agencies should select a significance threshold that aligns with state law on all three. State law concerning the development of multimodal transportation networks and diversity of land uses requires planning for and prioritizing increases in complete streets and infill development but does not mandate a particular depth of implementation that could translate into a particular threshold of significance. Meanwhile, the State has clear quantitative targets for GHG emissions reduction set forth in law and based on scientific consensus, and the depth of VMT reduction needed to achieve those targets has been quantified. Tying VMT thresholds to GHG reduction also supports the two other statutory goals. Therefore, to

ensure adequate analysis of transportation impacts, OPR recommends using quantitative VMT thresholds linked to GHG reduction targets when methods exist to do so.”

2.3.3 Traffic Index

The TI performance metric comes from the Caltrans Highway Design Manual (Caltrans 2017). Per the Guidelines, pavement impacts are analyzed based on a comparison of the TI with the project to the TI without the project. A 20-year TI shall be used unless special circumstances dictate otherwise. On the roadways requiring a TI analysis the established threshold of significance for Fresno County is a project that causes an increase in the TI of 0.5 or more. Communication with Fresno County indicated that “construction impacts to the TI must be averaged over the length of the construction period – not the remaining lifetime of the existing pavement.” The 0.5 threshold of significance is still utilized despite the TI impacts being exaggerated by averaging over 16 months rather than 20 years.

To determine if the TI increases, traffic data was used to determine the approximate Equivalent Single Axle Load (ESAL) without the Project to compare to the ESAL with the Project traffic added. Then using the methods from the Caltrans Highway Design Manual Section 613.3, the value will be converted to a TI value for the required design life. If the design life is known then it should be used, however, at the request of Fresno County the construction duration of 16 months will be used.

3.0 EXISTING TRAFFIC CONDITIONS

3.1 EXISTING TRAFFIC INFRASTRUCTURE

3.1.1 Roads

South Derrick Avenue – S. Derrick Avenue in the vicinity of the Project is a two-lane undivided highway that provides connectivity from Interstate 5 to Mendota. It is part of the larger California State Route 33. Generally, there are dedicated turn lanes at nearby intersections. There is approximately 2 feet of paved and 5 feet of unpaved shoulder on either side of the road. Based on review of satellite imagery from 2018, it appears routine maintenance and repair has occurred on the South Derrick Avenue. There is a significant number of cracks visible that have been sealed, however, the crack seal is a temporary fix and is indicative of the pavement nearing the end of its design life.

West Manning Avenue – W. Manning Avenue in the vicinity of the Project is a two-lane undivided major roadway that provides connectivity from about 2.5 miles west of Interstate 5 all the way to the Town of Reedley approximately 50 miles east of the Project location. It has shoulders approximately the same width as those found on S. Derrick Avenue, and the road conditions appears to be much better than that of S. Derrick Avenue. There are no dedicated turn lanes onto or off W. Manning Avenue anywhere near the Project.

3.1.2 Intersections

S. Derrick Avenue and W. Manning Avenue – This intersection is approximately 10 miles south of Mendota, 4.5 miles north of the California Aqueduct crossing, and 11.6 miles north of Interstate 5. This intersection is the closest major intersection to the Project which is northwest of the intersection. Most Project vehicles will go through this intersection to get to the Project access point west of the intersection on Manning Road. There are dedicated left turn lanes off S. Derrick Avenue as well as large radii flares for right turns though it is not striped as a dedicated lane. West Manning Avenue has no dedicated turn lanes and much smaller right turn flare at the intersection.

S. Derrick Avenue and Panoche Road – This intersection is approximately 2 miles south of Mendota. The cross street is W. California Avenue on the west side of the intersection and Panoche Road on the east side. Panoche Road becomes W. Whitesbridge Avenue approximately 1.6 miles east of the intersection which is the primary thruway to Fresno. Most of the workers are likely to either live or stay in Fresno and travel through this intersection to the facility. The intersection itself is a two-way stop-controlled intersection with S. Derrick Avenue being the major (unstopped) legs of the intersection. There is added shoulder space for acceleration and deceleration on and off of S. Derrick Avenue in both directions, however; actual acceleration and deceleration lanes are not demarcated.

S. San Benito Avenue and Panoche Road – This intersection is part of an essentially triangular interchange consisting of three intersections. California Route 180 changes from W. Whitesbridge Avenue to N. San Benito Avenue at this interchange and is continuous without stopping. It curves from the east to head north into Mendota. Due to it being a continuous route, the west and south legs cross before connecting to the curved section of Route 180 which forms this intersection. Each leg then continues and connects to Route 180. It is a two-way stop-controlled intersection with the stop signs on the north-south direction which is S. San Benito Avenue.

W. Whitesbridge Avenue and Panoche Road – This intersection is part of the triangular interchange described above and is the only other intersection that will be utilized by Project traffic.

Interstate 5 interchange at W. Manning Avenue (delivery route only) – This is approximately 10.5 miles west of the Project location and is not expected to be used by Project construction workers, but some of

the deliveries will take this route. It is a grade separated interchange and the Project is expected to have negligible impact to this intersection with respect to LOS and TI.

Interstate 5 interchange at S. Derrick Avenue (delivery route only) – This interchange is approximately 11.6 miles south of the Project site. As a grade separated interchange, traffic impacts are less quantifiable, and typically negligible at these locations.

3.2 EXISTING TRAFFIC VOLUMES

Due to the ongoing SARS-CoV-2 or COVID-19 pandemic, collection of new traffic data was not recommended. Data collected must be as representative of normal conditions as possible, and due to travel restrictions, unemployment, and remote working during the COVID-19 pandemic, traffic in many areas is unusual and will be unrepresentative of normal traffic conditions for an unknown period of time. Additionally, traffic data in the area was available from two previous studies and since the area is rural and has slow population growth, the traffic volumes for the area are not likely to have changed significantly in the time since those studies were performed. Lastly, the Project is located in a rural area where traffic volumes are typically low, far under roadway capacity, and fluctuate by a greater degree day to day than urban traffic; therefore, new data will not change the results in a meaningful manner.

The data that was available is summarized in Table 2 below. The data came from the *Traffic Technical Report for the Little Bear Solar Project* dated June 2017, and updated August 2018 (VRPA 2018), from Section 4.18 Transportation and Traffic of the *Tranquillity Solar Generating Facility Project Draft Environmental Impact Report* dated May 2014 (ESA 2014), from data collected in 2018 and shown in the *Traffic Impact Study for the Proposed Recurrent Energy Scarlet Solar Project* (Peters Engineering Group 2020), and from Caltrans data. The ESA 2014 data was inconsistent with other available data, and was older than data the County Guidelines recommend for use, such that it was considered an outlier value. The data was adjusted using U.S. Census data for population growth to approximate traffic conditions as they will be during the start of construction (Table 3) and how they will be in the 20-year horizon (Table 4). Additionally, given the uncertainty in the data the PHT volume is estimated to be the same in the morning and evening just in the opposite direction. What little data is available suggests that the morning peak hour is significantly lower in volume than the PM peak. The volume used in this study is based on the PM peak hour values (VRPA 2018).

Table 2. Available Traffic Data

Source/Date	Road	Peak Hour	Average Daily Traffic
ESA, 2014	S. Derrick Avenue / CR-33	310	2,200
VRPA Collected 2016	S. Derrick Avenue / CR-33	232	2,300
VRPA Collected 2016	Panoche Road	81	900
VRPA Collected 2016	W. California Avenue	174	1,700
Rincon Collected 2018	W. Manning Avenue	90*	702
Rincon Collected 2018	S. Derrick Avenue / CR-33	221*	2,200
Rincon Collected 2018	W. Whitesbridge Avenue @ James	529*	X
Caltrans 2018	S. Derrick Avenue / CR-33(Near Interstate 5)	X	1,950
Caltrans 2018	W. Whitesbridge Avenue West of Panoche Road	730	7,300
Caltrans 2018	W. Whitesbridge Avenue East of Panoche Road	730	7,400

Note: Neither traffic study contained exclusive data for W. Manning Avenue

* Collected as turning movement counts at morning and evening peak hour over two days. Average of the two highest peak hours shown.

The U.S. Census Bureau shows an estimated population growth of approximately 7.40 percent over nine years or approximately 0.82 percent for Fresno County and 6.90 percent over nine years or 0.77 percent for the City of Fresno. This means Fresno County growth rate outside of the city is skewed down by the City's lower growth rate. The City represents 53 percent or approximately half of the population of Fresno County based on the census data so growth rate for the rest of Fresno County excluding the City of Fresno is approximately 0.87 percent. However, the 2014, 2016, and 2018 data for S. Derrick Avenue show no significant change in average traffic during that four-year time frame. This lack of change implies that while the growth is outside of the City of Fresno, it is likely concentrated within towns and communities and has little effect on the traffic in more remote and rural locations where most of the Project construction traffic will occur. In order to be conservative and account for some uncertainty in data, the growth rate is used to determine the values in Table 3 and Table 4, and the counts reflect growth between the most recent data in 2018 and the projected Project start date of 2022.

Table 3. Background Traffic During Construction (2022)

Road	Peak Hour	Average Daily Traffic
S. Derrick Avenue / CR-33	234	2,278
Panoche Road	84	948
W. California Avenue	183	1,791
W. Manning Avenue	104	727

3.3 FUTURE TRAFFIC PROJECTION WITHOUT PROJECT

The average population growth rate is a reasonable prediction of the average growth of traffic for a given period of time. The calculations for traffic growth are included in Appendix A.

Table 4. Background Traffic During Operations (2040)

Road	Peak Hour	Average Daily Traffic
S. Derrick Avenue / CR-33	273	2,662
Panoche Road	98	1108
W. California Avenue	214	2,093
W. Manning Avenue	121	849

4.0 TRIP GENERATION

Trip generation data for a PV solar facility is not available in the *Institute of Transportation Engineers Trip Generation Manual*; however, detailed traffic volumes are known for the Project site from planning and scheduling of the construction activities as well as the applicant’s experience with construction and operation of similar solar facilities. The detailed data is included in Appendix A - Traffic Data. See Trip Generation Table 5 and Figure 3 for Project Trip Generation. The values shown are conservative and may be higher than actual daily traffic. It is anticipated, given the distance between the City of Fresno and the Project site, that workers will carpool. An estimated 25 percent of workers carpooling was used for the analysis and is shown in the values in Table 5. This value is in line with previous project experience as well as recent traffic impact studies conducted for solar facilities in the area.

Peak hours for the Project are expected to be between 7:00 and 8:00 AM and 5:00 and 6:00 PM when construction workers will commute to the site. It is expected that nearly all workers would arrive/and leave during the peak hours. Conservatively, a small number of workers are included as either leaving during the morning peak hour or arriving during the evening peak hour.

Once constructed, the Project would operate seven days per week and 365 days per year. The expected facility maintenance would generate little traffic during operations. Only occasional, onsite maintenance is expected to be required following commissioning. Initially, personnel would likely visit the Project area daily or weekly, but it is anticipated that eventually maintenance visits would be reduced to once a month or less. Operations and maintenance activities would require up to 4 workers performing visual inspections, monitoring plant performance, executing minor repairs, and responding to needs for plant adjustment. On intermittent occasions, the presence of 5 to 30 workers may be required for repairs or replacement of equipment, panel cleaning, and other specialized maintenance. However, due to the self-operating nature of the facilities, such actions would occur infrequently. Therefore, there will be no impact to peak hour traffic associated with ongoing operations of the Project.

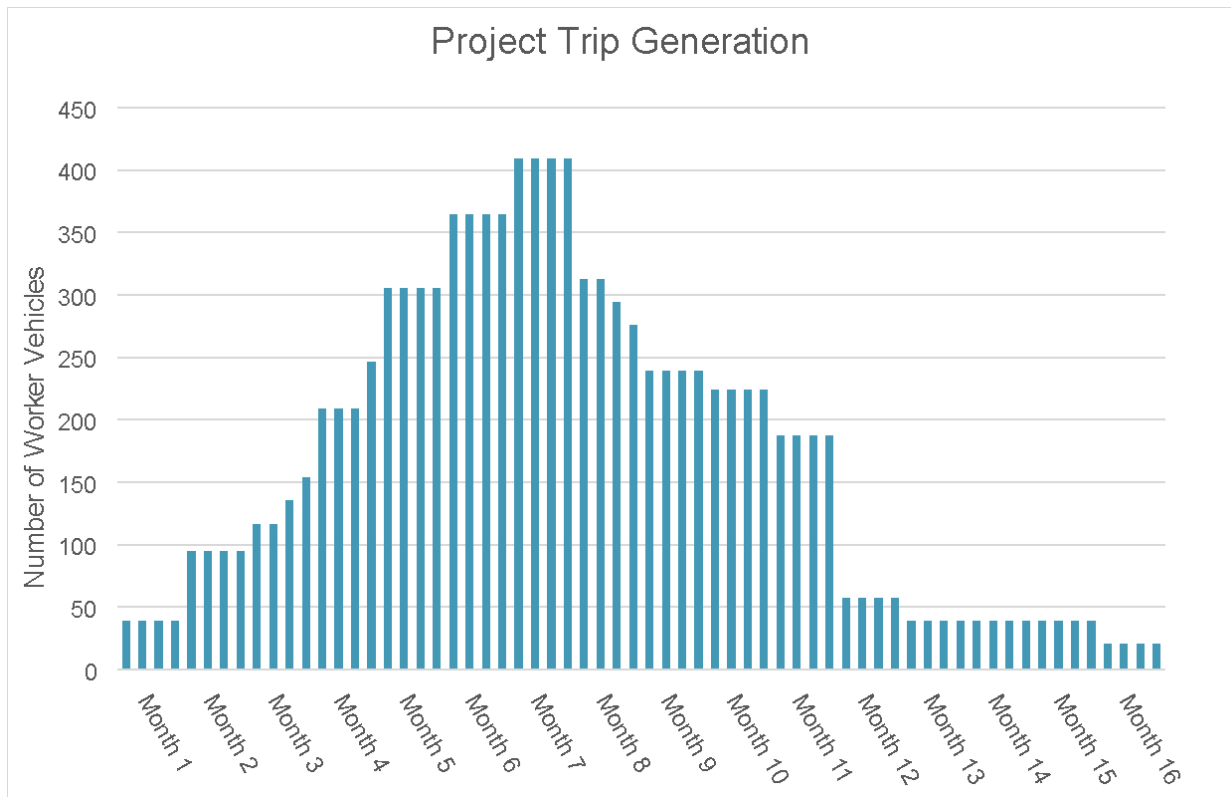
Table 5. Trip Generation

Phase	Daily			Trip Generation				PCE Trip Generation			
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour	
	Workers	Trucks	ADT (PCE)	in	out	in	out	in	out	in	out
Average Construction Traffic	229	5	187	172	10	10	172	172	12	12	172
Peak Construction Traffic	553	10	445	415	18	18	415	418	15	15	418
Operations	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
20-year horizon operations	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*

* Operations short and long term are expected approximately twice a year resulting in no trips to the site on an average day.

ADT – average daily traffic – this is the number of vehicles per day that will arrive at the site and corresponds directly to Table 6 and 7. The total number of trips including trips outside of peak hours is analyzed for the VMT analysis in Table 9 and Appendix B;

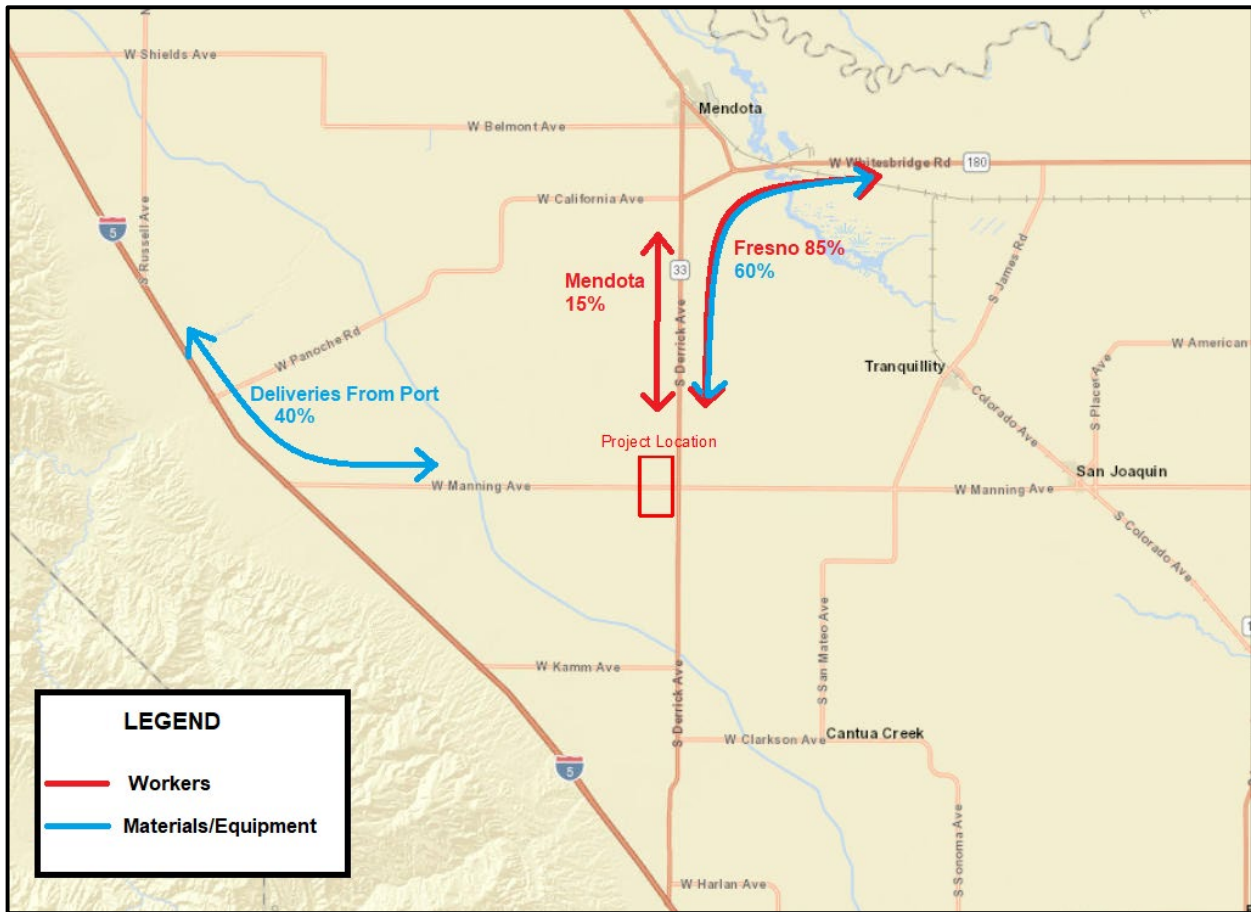
PCE – passenger car equivalents as described in Section 2.3.1. A PCE value of 3.0 was used in calculations.



**PROJECT TRIP GENERATION
FIGURE 3**

4.1 TRIP DISTRIBUTION

The Project traffic distribution is a reasonable estimate based on: panel and racking manufacturer, proximity to cities, commonality of the remaining materials like fencing and concrete, etc. Based on these considerations it is expected that the panels, inverters, and racking will arrive by ship to the Port of Oakland which is 152 miles from the Project location. These will be delivered with standard 5-axle semi-trucks by way of Interstate 5 to Mendota and are approximately 40 percent of the total materials and equipment truck loads to the Project. The remaining 60 percent of heavy vehicle loads will come from Fresno; either being sourced locally or arriving at one of the two local railyards. This includes construction equipment, aggregate, concrete, fencing, cabling and electrical equipment, etc. An estimated 85 percent of the workers will reside or lodge in the City of Fresno. Due to limited lodging available in Mendota, only approximately 15 percent of the workers are likely to reside or lodge there. The trip distribution is shown below in Figure 4 and in Tables 6 and 7.



PROJECT TRIP DISTRIBUTION
FIGURE 4

Table 6. Construction Trip Distribution Values AM Peak Hour

Vehicle type	Total Peak Hour		From Fresno		From Mendota		From I-5 N.		From I-5 S.	
	In	Out	In	Out	In	Out	In	Out	In	Out
Worker Vehicles	409	12	355	10	54	2	0	0	0	0
Trucks	2	2	1	1	0	0	1	1	0	0

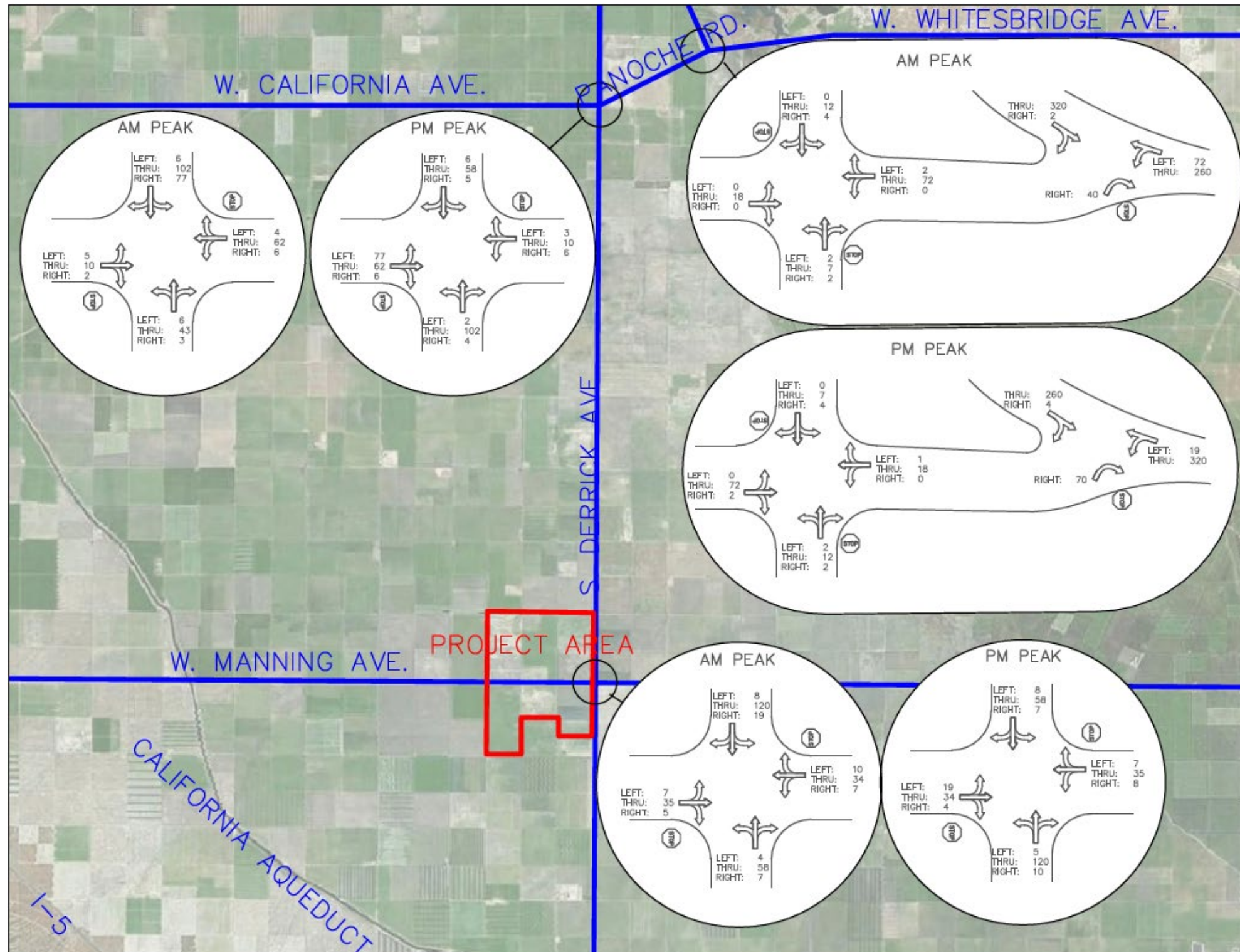
I-5 – Interstate 5; N – north; S – south

Table 7. Construction Trip Distribution Values PM Peak Hour

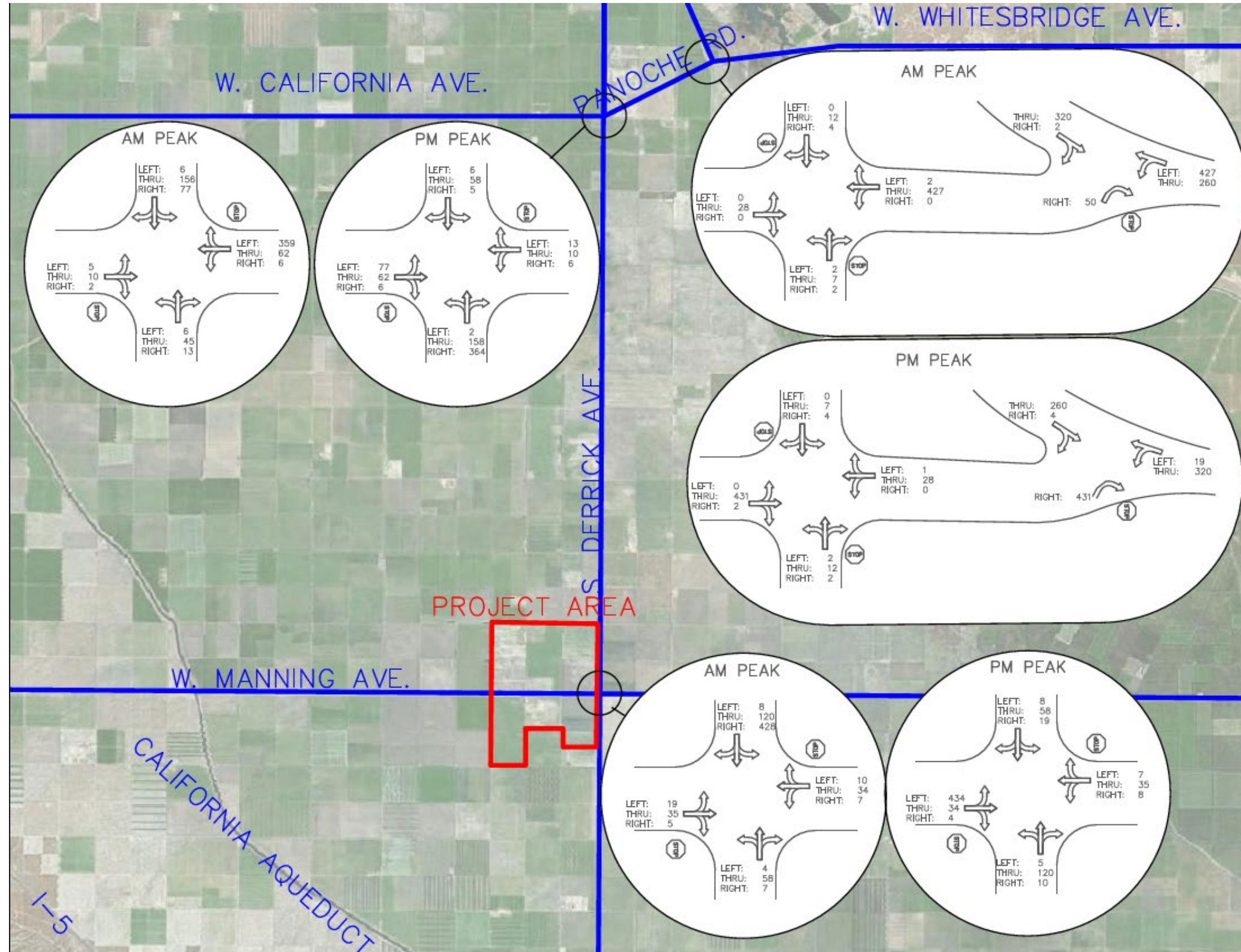
Vehicle type	Total Peak Hour		From Fresno		From Mendota		From I-5 N.		From I-5 S.	
	In	Out	In	Out	In	Out	In	Out	In	Out
Worker Vehicles	12	415	10	359	2	56	0	0	0	0
Trucks	1	1	0	0	0	0	1	1	0	0

I-5 – Interstate 5; N – north; S – south

4.2 TURNING MOVEMENT COUNT



TURNING MOVEMENT COUNTS EXISTING CONDITIONS
FIGURE 5



TURNING MOVEMENT COUNTS DURING CONSTRUCTION
FIGURE 6

5.0 PROJECT IMPACTS

5.1 LEVEL OF SERVICE

Per the Guidelines, the County of Fresno road network serves as a system of routes for the safe and efficient movement of goods and people. The County has a responsibility to effectively manage and maintain the system within its boundary in order to preserve the safety, functional integrity, and public purpose. The goal of a TIS is to assess potential impacts to traffic caused by proposed development adjacent to or within the system and to identify any infrastructure improvements or mitigation measures needed to ensure that the road network will operate acceptably and safely upon completion of the proposed development.

The Guidelines (Fresno County 2018) include the following thresholds for LOS:

Acceptable Levels Of Service

LOS A, B, and C. LOS D is considered acceptable on urban roadways within the sphere of influence of the Cities of Fresno and Clovis. LOS C is the lowest acceptable LOS on all other roadways in the County.

Unacceptable Levels Of Service

LOS D, E and F, except on urban roadways within the sphere of influence of the City of Fresno and City of Clovis where only LOS D is acceptable.

These thresholds implement Fresno County’s General Plan *Transportation and Circulation Element Policy* TR-A.2, which states, “The County shall plan and design its roadway system in a manner that strives to meet Level of Service (LOS) D on urban roadways within the spheres of influence of the cities of Fresno and Clovis and LOS C on all other roadways in the county,” (Fresno County 2000).

Table 8 summarizes the LOS results associated with the construction of the Project. These impacts are temporary with an overall construction duration of 16 months and impacts concentrated during only two of those months. The analysis methodologies used for analyzing traffic capacity and LOS are based on the latest edition of the *Highway Capacity Manual (HCM)*, Transportation Research Board, National Research Council.

Table 8. Level of Service Results

	Existing Condition				Construction Condition			
	AM		PM		AM		PM	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
S. Derrick Avenue and Panoche Road	11.1	B	11.4	B	28.2	D	18.4	C
S. Derrick Avenue and W. Manning Avenue	10.4	B	10.8	B	15.0	B	31.7	D
S. San Benito Avenue and Panoche Road	9.5	A	9.6	A	12.8	B	13.1	B
W. Whitesbridge Avenue and Panoche Road	10.7	B	10.6	B	10.8	B	18.8	C
S. Derrick Avenue	1.7*	A	1.7*	A	10.1*	A	10.1*	A

* The delay column for S. Derrick Avenue is the density in passenger car per mile per lane as that is a road segment.

As shown in Table 5, an average day during construction of the Project includes less than half of the construction vehicles of the peak construction day and will thus result in a much better LOS. Outside of the two peak months, the LOS is not failing at either intersection but is still lower than the goal for six of the remaining 16 months (Months 4 through 11 in Figure 3).

No mass transit, bike routes, or sidewalks exist currently in the area. Due to the rural nature of the area, calculations assumed that pedestrians are not present at these intersections, thus there would be no impacts to pedestrian LOS and safety.

5.1.1 Operations

Once operational, the Project is nearly self-sufficient and will require only two to four full time employees. A day with significant maintenance operations would entail less than 20 workers commuting to the site. Twenty vehicles are within typical daily traffic fluctuations for a rural road and is low enough to be an unquantifiable impact to traffic operations.

5.1.2 20-Year Horizon

Operation traffic volumes for the entire operating life cycle of the Project are not expected to change. It is expected that there will be minimal site presence on a typical day with only occasional maintenance operations. Traffic in the area will likely grow slightly as development occurs over time in the vicinity of the Project. The Project is not expected to have a significant impact to future traffic LOS.

5.2 VEHICLE MILES TRAVELED

The VMT analysis aims to quantify the total number of vehicle miles added to the roads as a direct result of the construction and operations of the Project. The analysis looked at the estimated number of workers on a weekly basis, reduced it by the number that are likely to carpool and multiplied by the approximate distance traveled and the number of times per week that distance is traversed (i.e., commutes happen 10 times per week = 2 times per day). The distances were estimated as follows:

- The distance to the City of Fresno is estimated conservatively to be 45 miles. The Union Pacific rail yard is 44.7 miles from the Project, the Burlington Northern Santa Fe rail yard is 44.2 miles from the Project, and the approximate center of the City of Fresno is 43.7 miles from the Project site. The 45-mile distance represents a value that accounts for the likelihood that workers will be lodging at various locations throughout the City of Fresno. The distance to the City of Fresno is also used for an estimated 2 percent of workers making trips for miscellaneous reasons once a week.
- The distance to Mendota is approximately 11 miles to 12 miles, and 12 miles also encompasses the distance to both San Joaquin and Tranquillity, making it a useful approximation for both the commute and the occasional lunch trip. It was estimated that an average of 4 percent of workers would go offsite for lunch on a given day.
- The distance from the Port of Oakland to the Project location is 152 miles. This is assumed to be the route for all deliveries arriving by ship, including deliveries for the panels, racking system, and inverters. The approximate number of deliveries is provided by week and totals 1,620 deliveries for all equipment and materials. The calculation conservatively assumes that all the trucks return to their origin upon completing each delivery, resulting in 2 trips per truck delivery.
- The deliveries of common materials and equipment are assumed to either be available in the City of Fresno, available by way of the rail yard in Fresno, or available elsewhere within Fresno County and within the 45-mile distance of the Project (such as for a concrete batch plant or aggregate location).

Table 9 provides the results of the VMT analysis. The significance of the total VMT and impact implications are discussed in Section 6.1.2 Vehicle Miles Traveled. The full analysis with week by week VMT is shown in Appendix B - Calculations.

Table 9. Construction Vehicle Miles Traveled

Source Location	Distance	Occurrences per week	Totals
Worker Commute from/to Fresno	45	10	4,200,479
Worker Commute from/to Mendota	12	10	1,120,135
Worker Lunch Trip	12	10	70,304
Worker Ulterior Trip	45	2	26,403
Panel/Racking/Inverter Deliveries from Oakland Port	152	2	290,628
Materials Deliveries from Fresno	45	2	44,777
Equipment Deliveries from Fresno	45	2	15,167
Total Passenger Vehicle VMT			5,417,320
Total Heavy Vehicle VMT			350,572
Grand Total Construction VMT			5,767,892

5.2.1 Operations and 20-Year Horizon

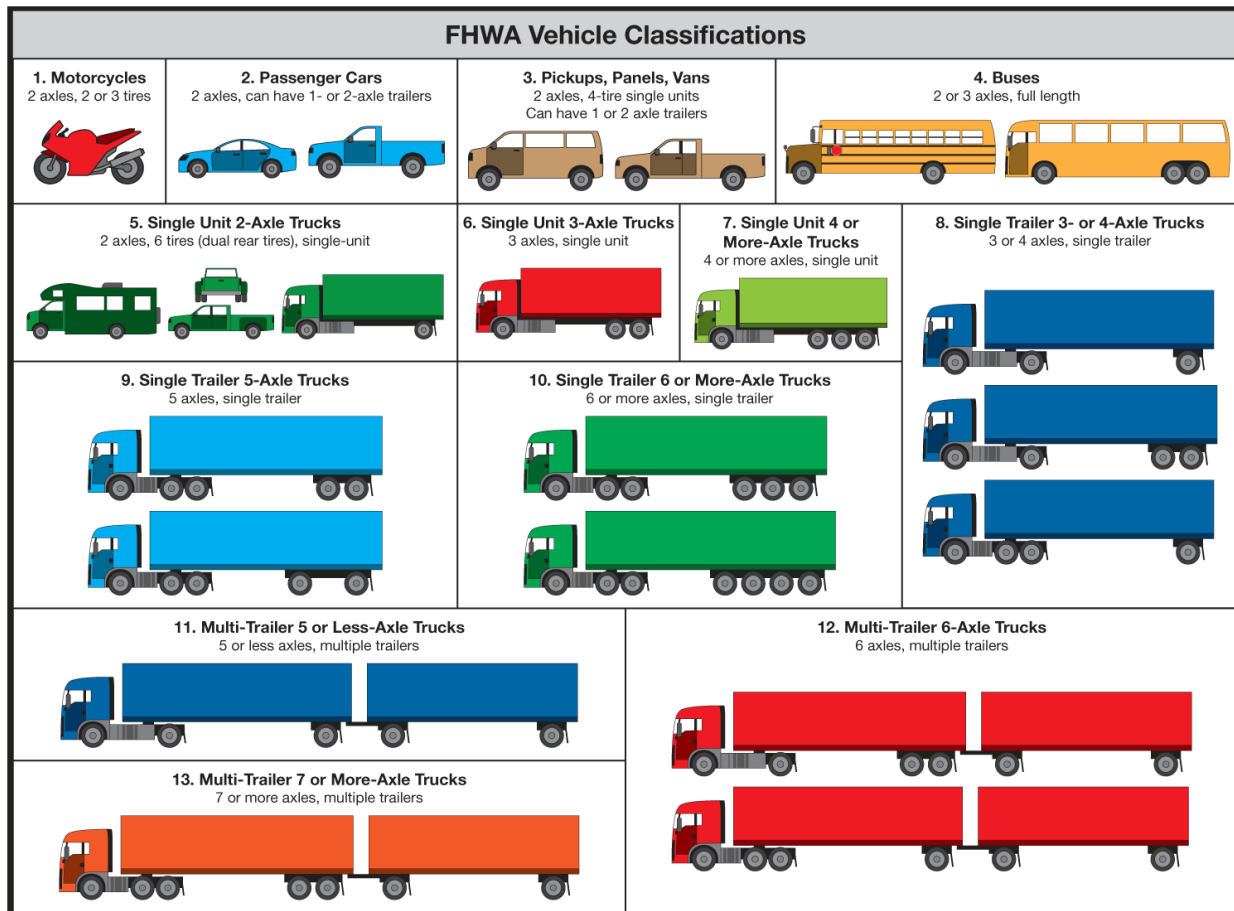
Operational VMT is considerably smaller than the construction VMT. As mentioned previously, a typical day would not have any workers visiting the site. A conservative estimate of the VMT for operations would assume 4 workers from the City of Fresno every other week. This is a maximum of 9,360 VMT per year during operations. This will be typical throughout the operational life of the facility. There will likely be occasional larger repair operations, but these will be infrequent and of short duration. Due to the duration of the repairs, these occurrences would add so few VMT that it is not a meaningful inclusion in the analysis. Over a 20-year period the total VMT for construction and operations is approximately 5,955,092 miles.

5.3 TRAFFIC INDEX

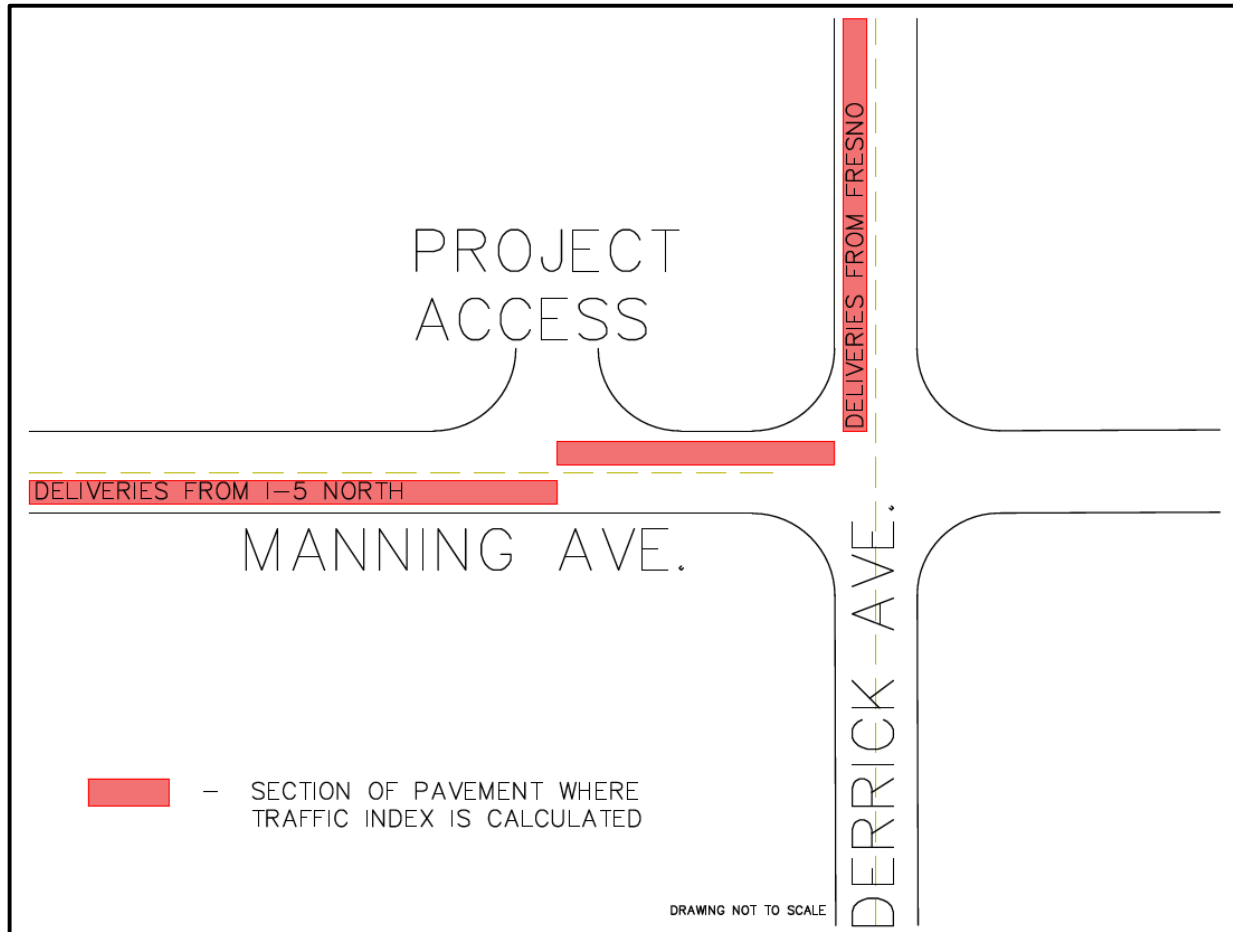
Traffic Index was analyzed using the same assumptions for delivery quantities and origins as described in Section 5.2 - Vehicle Miles Traveled. Based on those assumptions, heavy vehicles will arrive at the site from two directions, thus the TI was analyzed for both directions. The TI analysis uses ESAL constants that are based on the number of axles for a given vehicle. This is roughly based on the following Federal Highway Administration vehicle classifications, also shown in Figure 7:

- Classification 5 = 2 axle
- Classification 6 = 3 axle
- Classification 7 & 8 = 4 axle
- Classification 9-13 = 5 or more axle

Figure 8 identifies the areas of pavement that have the most use and were deemed necessary for inclusion in the TI analysis. The results for the 16-month construction duration are shown in Table 10. More detailed information about the calculation is included in Appendix B - Calculations.



VEHICLE CLASSIFICATIONS
FIGURE 7



**ROAD SECTIONS ANALYZED FOR TRAFFIC INDEX
FIGURE 8**

Table 10. Traffic Index

	Vehicle Type	Manning West of Site Entrance		Manning East of Site Entrance		SB Derrick North of Manning	
Existing Traffic Index	Two-axle trucks	3		21		252	
	Three-axle trucks	36		20		30	
	Four-axle trucks	31		10		20	
	Five or more-axle Trucks	122		168		193	
	AADTT	192		219		495	
	16-Month ESAL	133,337		165,095		215,687	
	Existing Traffic Index	7.1		7.3		7.5	
Construction Traffic Index	Two-axle trucks/AADTT	0	0.0	0	0.0	0	0.0
	Three-axle trucks/AADTT	0	0.0	130	0.3	130	0.3
	Four-axle trucks/AADTT	0	0.0	0	0.0	0	0.0
	Five-axle trucks/AADTT	684	1.3	842	1.7	842	1.7
	Total Trucks/AADTT	684	1.3	972	2.0	972	2.0
	Added ESAL	917		1,240		1,240	
	Total ESAL	134,254		166,335		216,927	
	Traffic Index with Construction	7.1		7.3		7.5	

AADTT – Average Annual Daily Truck Traffic

6.0 CONCLUSIONS

6.1 SIGNIFICANCE OF IMPACTS

A stated goal of California is to transition towards renewable sources of energy. California's Renewable Portfolio Standard Program and Senate Bill 100 call for 100 percent of all electricity sold in California to come from carbon-free resources by 2045, including 60 percent renewables by 2030 (RPS 2019). Fresno County does not have separate goals; however, it has shown initiative in moving towards California's energy initiatives with the Energize Fresno Master Community Design (Energize Fresno 2017). The Master Community Design is specifically within the City of Fresno and includes efforts to expand renewables and transmission.

California's energy initiatives and the assessment of temporary transportation impacts are an important part of the cost and consideration in how and when developments occur to further the goal of renewable and affordable energy. The significance or insignificance of the LOS, VMT, and TI performance measures are discussed below. In short, the LOS impacts are significant, but very short duration, and the VMT, and TI impacts are insignificant.

6.1.1 Level of Service

The LOS analysis indicates that there will be an impact to each intersection utilized by the Project during one peak month of construction based on the thresholds included in the Guidelines. The Guidelines thresholds of significance are based on the Fresno County's General Plan *Transportation and Circulation Element*. Any intersection that has an increase in traffic delays resulting in a drop in LOS by at least one classification is considered a significant impact and any intersection that is worse than LOS C for rural areas or LOS D for urban areas is considered unacceptable (Guidelines; Fresno County 2018).

The LOS assessment related to Project generated traffic indicates that every intersection analyzed will have a significant impact. The intersections of W. Whitesbridge Avenue and Panoche Road as well as S. San Benito Road and Panoche Road remain within acceptable LOS even during the most severe peak hours of the entire construction process. Impacts to the intersections of S. Derrick Avenue. and W. Manning Avenue and S. Derrick Avenue and Panoche Road are both unacceptable and result in a significant change to LOS. Neither of these intersections reach their capacity or fail, however since they are considered unacceptable, construction traffic management options may be necessary at these two intersections.

The impacts would be significant only for the duration of the one peak month (month 7 from the start of construction) when the number of workers is expected to be 553. Overall, impacts to LOS are only significant for approximately 7 months (months 4 through 10 from the start of construction) in accordance with Guidelines (Fresno County 2018).

Impacts are usually assessed by a combination of severity and duration. Since LOS analysis considered nearly all workers arriving within the peak hour, the unacceptable intersection performance is a limited window of two hours a day, five days of the week for four weeks, or a total of 40 hours of unacceptable performance at two intersections over the entire course of construction. Traffic management options are offered in Section 6.2 in an effort to reduce the LOS impacts to be in conformance with the Guidelines.

6.1.2 Vehicle Miles Traveled

As was noted in Section 2.3.2, there is no established threshold of significance for VMT in Fresno County. Since no quantitative, qualitative, or performance level is identified, the significance of 5,767,892 additional miles traveled must be evaluated based on the three guidance criteria from the CEQA Technical Advisory, including "the reduction of greenhouse gas emissions, the development of multimodal

transportation networks, and a diversity of land uses.” Based on the following CEQA criteria, the Project results in a less than significant impact for VMT:

1. Reduction of GHG emissions – The Project is a solar facility and the chief aim of constructing solar facilities is the reduction of dependence on GHG emitting fossil fuel energy sources. The Project will provide clean renewable energy for 30 years once completed. Additionally, Luna Valley conducted an *Air Quality and Greenhouse Gas Technical Report* for Fresno County which concluded a “less than significant impact” for both construction and operations emissions. The GHG technical report identified a quantitative threshold of significance for GHG emissions. The analysis included in that report accounted for construction traffic emissions to determine the total emissions for the Project. Using this definitive quantitative metric yielded a “less than significant impact.” Based on this conclusion a threshold value for VMT would likely be much higher than the Project generated VMT. This assertion is in line with the fact that the guidance for conducting VMT analysis originated with GHG emissions reduction regulations and goals and the guidance states “OPR recommends using quantitative VMT thresholds linked to GHG reduction targets when methods exist to do so.”
2. Diversity of land use – Diversity of land use is a much more difficult criteria to quantify for a comparative analysis; however, the Project expands land use diversity to accommodate the increase in energy demand. This development changes land use from undeveloped cropland to renewable energy production. Put simply, in order for California to reach its energy goals many thousands of acres will need to be converted to alternative energy sources. Because the Project assists in that goal and there are very few means of reducing the VMT while constructing the Project, the additional VMT are considered insignificant.

6.1.3 Traffic Index

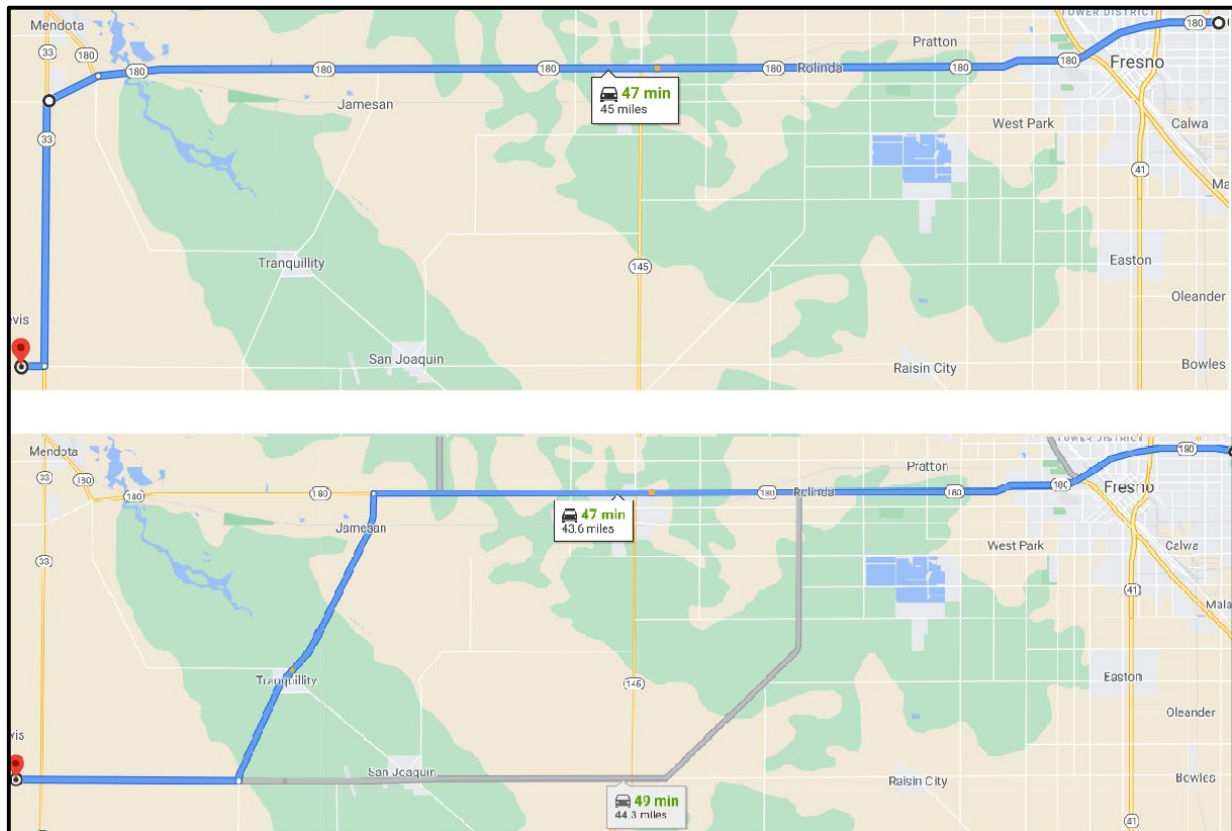
The results of the TI analysis indicate that the Project will have a less than significant impact to the pavement on the roads adjacent to the Project location. The Project shows no increase in TI over a 16-month design life. This result is true despite analysis being performed on a 16-month period which exaggerates impacts as compared to an analysis using the design life of the pavement.

6.2 CONSTRUCTION TRAFFIC MANAGEMENT RECOMMENDATIONS

Based on analysis, mitigation for TI and VMT is not necessary. Construction traffic would increase LOS at certain intersections to levels that are inconsistent with County Guidelines. The Project can reduce these temporary LOS impacts through construction traffic management measures, as follows:

Alternate Routes. Motorists naturally seek alternative routes when delays become intolerable, and the construction contractor may also require workers to use a different route to avoid W. Manning Avenue. HCM LOS definitions do not consider delays intolerable until LOS E, however, it is likely that even with LOS D, the Project workers will seek alternative routes. Workers that commute from Fresno have two alternative routes that are shown in Figure 9. Seeking alternate routes would improve LOS everywhere except the intersection at W. Manning Avenue and S. Derrick Avenue. A construction contractor could also take steps to require some workers to use a different route to avoid the intersection at W. Manning Avenue and S. Derrick Avenue, if it were necessary.

Temporary Traffic Control Plan through Flagging Operations. The use of flaggers to ensure the safety and traffic flow are an economical and effective way to alleviate LOS impacts. Flaggers allow an intersection to function more closely to a signalized intersection. When too many cars are stopped on the minor leg, a flagger can stop the traffic on the major leg of the intersection which is normally uncontrolled and allow a platoon of delayed cars to all go through at once. A flagger is a likely an effective construction traffic management measure to alleviate traffic impacts the Project is expected to create. Flaggers at the intersections would be necessary only for approximately two hours a day for approximately one month during peak construction.



ROUTE ALTERNATIVES FOR CONSTRUCTION TRAFFIC
FIGURE 9

6.3 CONCLUSION STATEMENT

The construction of the Project would result in significant LOS impacts at certain intersections, based on the thresholds included in the Guidelines; however, these impacts would be temporary. The unacceptable drop in LOS would only occur for one month, and an acceptable but still significant drop in LOS would only occur for six additional months during the peak of construction. The TI for the paved roads adjacent to the solar site is unchanged by the Project’s heavy vehicle traffic and would have no impact. The additional vehicle miles that would be traveled by workers and delivery trucks during construction of the Project is considered a less than significant impact. Long-term, the Project has no impact on LOS, TI, or VMT during the operational lifecycle.

7.0 REFERENCES

- Caltrans. 2017. *Caltrans Highway Design Manual Seventh Edition*, California Department of Transportation.
- California Environmental Quality Act (CEQA). 2018. *Technical Advisory on Evaluating Transportation Impacts in CEQA*. State of California, Governors Department of Planning and Research.
- Energize Fresno. 2017. *Energize Fresno Master Community Design*, State of California Energy Commission and City of Fresno.
- ESA. 2014. *Tranquillity Solar Generating Facility Project Draft Environmental Impact Report*.
www.esassoc.com
- Fresno County. 2000. *Transportation and Circulation Element*. The County of Fresno General Plan.
- Fresno County. 2018. *Draft Guideline for the Preparation of Traffic Impact Studies Within the County of Fresno*. County of Fresno, Department of Public Works and Planning.
- Peters Engineering Group. 2020. *Traffic Impact Study for the Proposed Recurrent Energy Scarlet Solar Project*.
- Renewable Portfolio Standard (RPS). 2019. *Renewables Portfolio Standard*. California Energy Commission. <https://www.energy.ca.gov/programs-and-topics/programs/renewables-portfolio-standard>
- Transportation Research Board (TRB). 2016. *Highway Capacity Manual*. 6th Ed. Washington, D.C.
- VRPA. 2018. *Traffic Technical Report for the Little Bear Solar Project*. VRPA Technologies, Inc.
www.vrpatechnologies.com

APPENDIX A – TRAFFIC DATA

2018 Daily Truck Traffic

Caltrans 2018 Data for Derrick Ave and Whitesbridge Ave

RTE	DIST	CNTY	POST MILE	L E G	DESCRIPTION	VEHICLE	TRUCK	TRUCK	TRUCK AADT TOTAL					%	TRUCK AADT				EAL	YEAR
						AADT TOTAL	AADT TOTAL	% TOT VEH	-----By Axle-----					2.00	-----By Axle-----				2-WAY (1000)	VER/ EST
									2	3	4	5+		3.00	4.00	5+				
033	06	FRE	R29	B	JCT. RTE. 145 NORTHEAST, SOUTH JCT. RTE. 5	2200	495	22.50	252	30	20	193	51.00	6.00	4.00	39.00	81	17E		
033	06	FRE	R39.853	A	NORTH JCT. RTE. 5	1950	777	39.85	176	28	13	560	22.65	3.60	1.67	72.07	204	17V		
033	06	FRE	62.247	B	MENDOTA, JCT. RTE. 180 EAST	5700	905	15.88	291	83	75	456	32.15	9.17	8.29	50.39	186	17V		
033	06	FRE	62.247	A	MENDOTA, JCT. RTE. 180 EAST	12900	1219	9.45	545	80	58	536	44.67	6.55	4.79	44.00	215	16V		
180	06	FRE	34.59	A	JAMES RD	7800	1092	14.00	296	74	42	679	27.11	6.81	3.87	62.21	258	15E		
180	06	FRE	34.59	B	JAMES RD	6700	628	9.37	263	45	21	299	41.92	7.22	3.30	47.57	120	11E		
180	06	FRE	40.11	A	SHASTA AVE	8300	1090	13.13	626	62	26	375	57.43	5.69	2.39	34.40	161	18V		
180	06	FRE	42.639	A	KERMAN, JCT. RTE. 145	14700	1247	8.48	561	188	160	339	45.00	15.05	12.80	27.15	177	16V		
180	06	FRE	42.639	B	KERMAN, JCT. RTE. 145	15500	1090	7.03	597	102	56	335	54.73	9.37	5.14	30.76	154	16V		



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Turning Movement Report

Prepared For:

Peters Engineering Group
 952 Pollasky Avenue
 Clovis, CA 93612

LOCATION Manning Ave @ Derric Ave (SR-33)

LATITUDE 36.6034

COUNTY Fresno

LONGITUDE -120.3886

COLLECTION DATE Tuesday, June 26, 2018

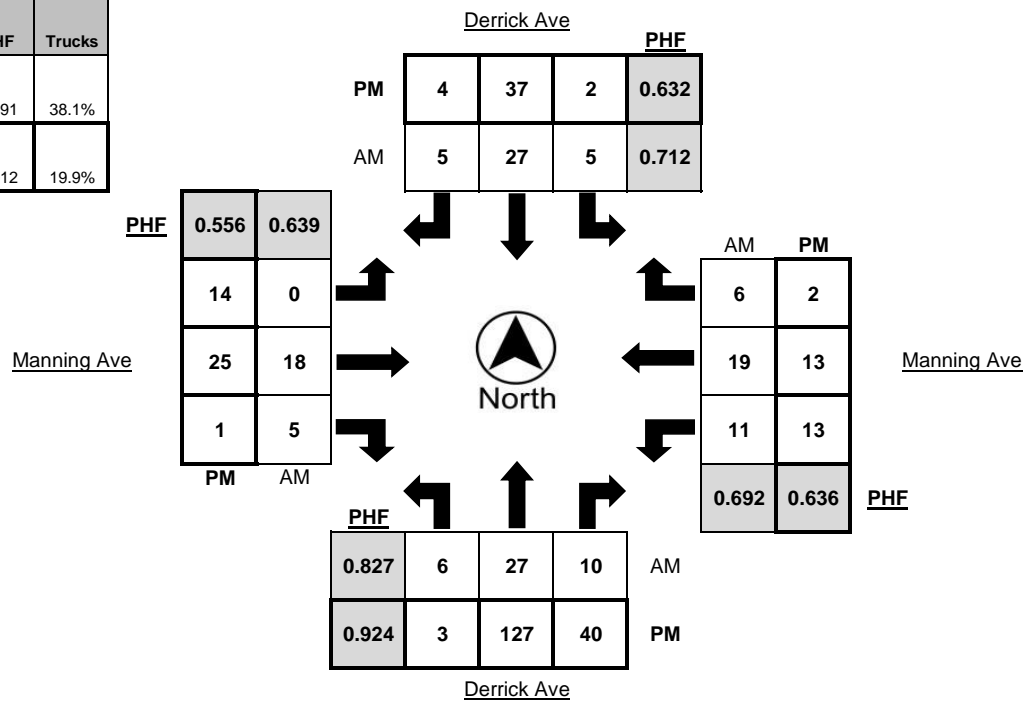
WEATHER Clear

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
6:00 AM - 6:15 AM	2	4	1	1	5	5	1	7	1	2	1	1	2	13	0	4
6:15 AM - 6:30 AM	0	2	2	0	2	8	0	4	0	4	0	3	3	2	0	0
6:30 AM - 6:45 AM	2	5	5	2	1	8	1	2	0	7	2	2	0	4	0	0
6:45 AM - 7:00 AM	4	7	1	8	2	9	2	7	0	4	0	3	2	4	4	4
7:00 AM - 7:15 AM	0	4	2	3	1	8	0	0	0	2	0	0	3	5	1	5
7:15 AM - 7:30 AM	0	11	2	5	1	2	2	2	0	5	3	5	6	6	1	5
7:30 AM - 7:45 AM	1	7	2	4	1	7	0	3	0	2	0	0	4	5	2	4
7:45 AM - 8:00 AM	1	9	2	5	3	10	0	8	1	1	1	0	1	2	2	1
TOTAL	10	49	17	28	16	57	6	33	2	27	7	14	21	41	10	23

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
3:00 PM - 3:15 PM	0	35	5	8	1	8	0	6	1	6	1	4	7	2	1	5
3:15 PM - 3:30 PM	1	37	3	4	1	5	0	3	2	12	2	2	3	4	1	1
3:30 PM - 3:45 PM	1	32	2	7	1	12	0	3	1	9	0	3	6	2	1	1
3:45 PM - 4:00 PM	0	20	2	8	4	11	0	8	0	7	1	2	3	3	2	2
4:00 PM - 4:15 PM	2	27	12	6	1	16	0	7	3	6	0	0	2	3	1	2
4:15 PM - 4:30 PM	0	29	14	5	0	8	1	0	9	9	0	3	5	2	0	3
4:30 PM - 4:45 PM	0	35	11	11	0	10	1	3	1	7	1	2	4	6	1	4
4:45 PM - 5:00 PM	1	36	3	6	1	3	2	1	1	3	0	2	2	2	0	1
TOTAL	5	251	52	55	9	73	4	31	18	59	5	18	32	24	7	19

PEAK HOUR	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
6:30 AM - 7:30 AM	6	27	10	18	5	27	5	11	0	18	5	10	11	19	6	14
4:00 PM - 5:00 PM	3	127	40	28	2	37	4	11	14	25	1	7	13	13	2	10

	PHF	Trucks
AM	0.891	38.1%
PM	0.912	19.9%





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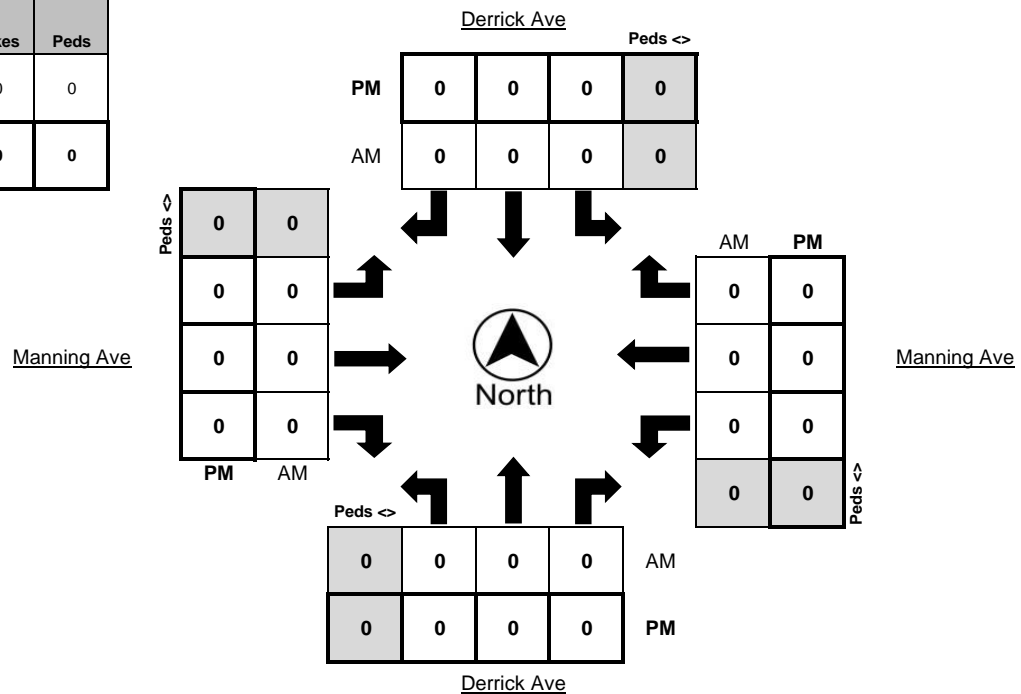
WEATHER Clear

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
6:00 AM - 6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM - 6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM - 6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM - 7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM - 7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
3:00 PM - 3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM - 3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM - 3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM - 4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM - 4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM - 4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM - 4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM - 5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PEAK HOUR	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
6:30 AM - 7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM - 5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Bikes	Peds
AM Peak Total	0	0
PM Peak Total	0	0



Little Bear Solar Project
Existing Lane Geometry/Traffic Conditions

Figure 3



Traffic Volume Yearly Growth Calculation

Year	Derrick Ave PHT	Panoche Rd PHT	California Ave PHT	Manning Ave PHT	Derrick Ave ADT	Panoche Rd ADT	California Ave ADT	Manning Ave ADT
2016	232	81	174	162	2300	900	1700	1610
2017	234	82	176	164	2320	908	1715	1624
2018	226	81	177	100	2200	916	1730	702
2019	228	82	179	101	2219	924	1745	708
2020	230	82	180	102	2238	932	1760	714
2021	232	83	182	103	2258	940	1775	720
2022	234	84	183	104	2278	948	1791	727
2023	236	85	185	104	2297	956	1806	733
2024	238	85	186	105	2317	965	1822	739
2025	240	86	188	106	2338	973	1838	746
2026	242	87	190	107	2358	981	1854	752
2027	244	88	191	108	2378	990	1870	759
2028	246	88	193	109	2399	999	1886	766
2029	249	89	195	110	2420	1007	1903	772
2030	251	90	196	111	2441	1016	1919	779
2031	253	91	198	112	2462	1025	1936	786
2032	255	91	200	113	2484	1034	1953	793
2033	257	92	202	114	2505	1043	1970	799
2034	260	93	203	115	2527	1052	1987	806
2035	262	94	205	116	2549	1061	2004	813
2036	264	95	207	117	2571	1070	2022	820
2037	266	95	209	118	2594	1080	2039	828
2038	269	96	211	119	2616	1089	2057	835
2039	271	97	212	120	2639	1098	2075	842
2040	273	98	214	121	2662	1108	2093	849

APPENDIX B – CALCULATIONS

Purpose

Calculations were performed with the intent of quantifying the significance of traffic impacts to transportation infrastructure caused by the construction and operations of the Luna Valley Solar Project. This was accomplished utilizing the Level of Service (LOS), Vehicle Miles Traveled (VMT), and Traffic Index (TI) methods as dictated by County Guidelines and the corresponding regulatory guidelines for conducting each type of analysis.

References

1. TRB, 2016. "Highway Capacity Manual".
2. Caltrans, 2017. "Highway Design Manual".
3. CEQA, 2018. "Technical Advisory on Evaluating Transportation Impacts in CEQA".
4. County of Fresno, 2018. "Guidelines for the Preparation of Traffic Impact Studies Within the County of Fresno".

Design Criteria

Per the County of Fresno guidelines the goal level of service for all intersections and roads outside of urban areas is LOS A, B, or C. LOS D is acceptable in Urban areas and may be acceptable for temporary circumstances in rural areas as well. The Highway Capacity Manual (HCM) also stipulates a value for Peak Hour Factor of 0.88 for rural areas and a lane capacity of 1800. These standard values were used in the calculations.

Assumptions

1. A truck or heavy vehicle is assumed to be 3 passenger car equivalents for LOS.
2. The analyzed scenario represents the worst feasible scenario during construction and therefore all normal or average days would have considerable better LOS.
3. Estimates for number of workers do not exist in the Trip Generation Manual, therefore; values provided are assumed to be accurate and reflect a high level of experience and expertise in project planning and estimation.
4. Heavy vehicles are assumed to be 10% of the existing background traffic when actually percentage is not available.
5. S. Derrick Ave. at both S. Manning Ave. and Panche Rd. intersections do not have dedicated right turn lanes, however, there is a very large flared shoulder at the intersection and extra striped area. Therefore, it is assumed that most motorists treat this as a separate lane and the calculations modeled the intersection as have a dedicated right turn lane.
6. No pedestrians are present at the intersection because it is rural and there are no sidewalks.

Calculations

The following is the list of analyzed infrastructure for which calculations are included:

- AM Peak Hour at intersection of S. Derrick Ave. and Panoche Rd. for existing conditions.
- PM Peak Hour at intersection of S. Derrick Ave. and Panoche Rd. for existing conditions.
- AM Peak Hour at intersection of S. Derrick Ave. and W. Manning Ave. for existing conditions.
- PM Peak Hour at intersection of S. Derrick Ave. and W. Manning Ave. for existing conditions.
- AM Peak Hour at intersection of S. Derrick Ave. and Panoche Rd. for peak construction conditions. (Updated 12/9/2020)
- PM Peak Hour at intersection of S. Derrick Ave. and Panoche Rd. for peak construction conditions. (Updated 12/9/2020)
- AM Peak Hour at intersection of S. Derrick Ave. and W. Manning Ave. for peak construction conditions. (Updated 12/9/2020)
- PM Peak Hour at intersection of S. Derrick Ave. and W. Manning Ave. for peak construction conditions. (Updated 12/9/2020)
- AM Peak Hour at intersection of S. San Benito Ave. and Panoche Rd. for existing conditions.
- PM Peak Hour at intersection of S. San Benito Ave. and Panoche Rd. for existing conditions.
- AM Peak Hour at intersection of S. San Benito Ave. and Panoche Rd. for peak construction conditions. (Updated 12/9/2020)

- PM Peak Hour at intersection of S. San Benito Ave. and Panoche Rd. for peak construction conditions. (Updated 12/9/2020)
- AM Peak Hour at intersection of W. Whitesbridge Ave. and Panoche Rd. for existing conditions.
- PM Peak Hour at intersection of W. Whitesbridge Ave. and Panoche Rd. for existing conditions.
- AM Peak Hour at intersection of W. Whitesbridge Ave. and Panoche Rd. for peak construction conditions. (Updated 12/9/2020)
- PM Peak Hour at intersection of W. Whitesbridge Ave. and Panoche Rd. for peak construction conditions. (Updated 12/9/2020)
- AM Peak Hour on S. Derrick Ave. for existing conditions.
- PM Peak Hour on S. Derrick Ave. for existing conditions.
- AM Peak Hour on S. Derrick Ave. for peak construction conditions. (Updated 12/9/2020)
- PM Peak Hour on S. Derrick Ave. for peak construction conditions. (Updated 12/9/2020)
- TI for S. Derrick Ave. north of W. Manning Ave. for Existing Conditions
- TI for S. Derrick Ave. north of W. Manning Ave. for Construction Conditions
- TI for W. Manning Ave. West of Project access location for Existing Conditions
- TI for W. Manning Ave. West of Project access location for Construction Conditions
- TI for W. Manning Ave. between Project access location and S. Derrick Ave. for Existing Conditions
- TI for W. Manning Ave. between Project access location and S. Derrick Ave. for Construction Conditions
- VMT weekly for Project Construction
- VMT total for Construction
- VMT total for Operations

Level of Service

Level of Service calculations were all performed using the HCM standard software Highway Capacity Software version 7 ((HCS-7) All calculation reports are included as Attachment A. The summary of Results is as follows:

	Existing Condition				Construction Condition			
	AM		PM		AM		PM	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
S. Derrick Ave. and Panoche Rd	11.1	B	11.4	B	28.0	D	18.2	C
S. Derrick Ave. and W. Manning Ave.	10.4	B	10.8	B	14.9	B	29.8	D
S. San Benito Ave. and Panoche Rd.	9.5	A	9.6	A	12.8	B	13.0	B
W. Whitesbridge Ave. and Panoche Rd.	10.7	B	10.6	B	10.8	B	18.5	C
S. Derrick Ave.	1.7*	A	1.7*	A	10.1*	A	10.1*	A

* The delay column for S. Derrick Ave. is the density in PCPMPL as that is a road segment.

Vehicle Miles Traveled

Vehicle Miles Traveled (VMT) is simply number of vehicles times distance. Materials and worker sourcing locations are simplified to reduce the number of values. A distance of 45 miles is used as a conservative average distance to Fresno. Much of the city as well as both rail yards are within that distance so it is a reasonable approximation of the average of various materials locations, equipment locations, and worker lodging locations. 12 miles to Mendota includes all of Mendota and all of Tranquility and San Joaquin are within that distance which makes it a useful approximation of worker lunch trips which a maximum of 4% of workers are likely to do on a given day.

Source Location	Worker Commute from Fresno	Worker Commute From Mendota	Worker Lunch Trip	Worker Ulterior Trip	Panel Deliveries from Oakland Port	Racking Deliveries from Oakland Port	Materials Deliveries from Fresno	Equipment Deliveries from Fresno	Total Vehicle Miles Traveled
Distance	45	12	12	45	152	152	45	45	NA
Occurance per Week	10	10	10	2	2	2	2	2	NA
Week 1	15204	4055	254	95	0	0	900	1350	21859
Week 2	15204	4055	254	95	0	0	1350	900	21859
Week 3	15204	4055	254	95	0	0	1530	720	21859
Week 4	15204	4055	254	95	0	0	1710	540	21859
Week 5	36720	9792	614	230	0	0	1890	360	49607
Week 6	36720	9792	614	230	0	0	2070	180	49607
Week 7	36720	9792	614	230	0	0	2250	0	49607
Week 8	36720	9792	614	230	0	0	2250	0	49607
Week 9	45326	12087	758	284	0	0	2250	0	60706
Week 10	45326	12087	758	284	0	0	2250	0	60706
Week 11	52498	14000	878	329	0	0	2250	0	69955
Week 12	59670	15912	998	374	0	0	1800	450	79205
Week 13	81186	21650	1358	509	0	0	900	450	106053
Week 14	81186	21650	1358	509	0	0	1170	180	106053
Week 15	81186	21650	1358	509	0	0	900	450	106053
Week 16	95529	25475	1598	599	0	0	900	450	124552
Week 17	118479	31595	1982	743	0	0	900	450	154150
Week 18	118479	31595	1982	743	0	0	900	450	154150
Week 19	118479	31595	1982	743	0	0	900	450	154150
Week 20	118479	31595	1982	743	0	0	900	450	154150
Week 21	141429	37715	2366	887	0	15200	0	0	197598
Week 22	141429	37715	2366	887	0	15200	0	0	197598
Week 23	141429	37715	2366	887	1520	13680	0	0	197598
Week 24	141429	37715	2366	887	1520	13680	0	0	197598
Week 25	158642	42305	2654	995	3040	12160	0	0	219796

Source Location	Worker Commute from Fresno	Worker Commute From Mendota	Worker Lunch Trip	Worker Ulterior Trip	Panel Deliveries from Oakland Port	Racking Deliveries from Oakland Port	Materials Devliveries from Fresno	Equipment Deliveries from Fresno	Total Vehicle Miles Traveled
Week 26	158642	42305	2654	995	3040	12160	0	0	219796
Week 27	158642	42305	2654	995	4560	10640	0	0	219796
Week 28	158642	42305	2654	995	4560	10640	0	0	219796
Week 29	121348	32360	2030	761	6080	9120	0	0	171699
Week 30	121348	32360	2030	761	6080	9120	0	0	171699
Week 31	114176	30447	1910	716	7600	7600	0	0	162450
Week 32	107004	28535	1790	671	7600	7600	0	0	153201
Week 33	92661	24710	1550	581	9120	6080	0	0	134702
Week 34	92661	24710	1550	581	9120	6080	0	0	134702
Week 35	92661	24710	1550	581	10640	4560	0	0	134702
Week 36	92661	24710	1550	581	10640	4560	0	0	134702
Week 37	86923	23180	1454	545	12160	3040	0	0	127302
Week 38	86923	23180	1454	545	15200	0	0	0	127302
Week 39	86923	23180	1454	545	15200	0	0	0	127302
Week 40	86923	23180	1454	545	1520	0	450	0	114072
Week 41	72579	19355	1214	455	0	0	720	180	94504
Week 42	72579	19355	1214	455	0	0	720	180	94504
Week 43	72579	19355	1214	455	0	0	720	180	94504
Week 44	72579	19355	1214	455	0	0	720	180	94504
Week 45	22376	5967	374	140	0	0	720	180	29758
Week 46	22376	5967	374	140	0	0	720	180	29758
Week 47	22376	5967	374	140	0	0	720	180	29758
Week 48	22376	5967	374	140	0	0	720	180	29758
Week 49	15204	4055	254	95	0	0	720	180	20509
Week 50	15204	4055	254	95	0	0	720	180	20509
Week 51	15204	4055	254	95	0	0	720	180	20509
Week 52	15204	4055	254	95	0	0	720	180	20509
Week 53	15204	4055	254	95	0	0	720	180	20509
Week 54	15204	4055	254	95	0	0	450	450	20509
Week 55	15204	4055	254	95	0	0	450	450	20509
Week 56	15204	4055	254	95	0	0	450	450	20509
Week 57	15204	4055	254	95	0	0	450	450	20509
Week 58	15204	4055	254	95	0	0	450	450	20509
Week 59	15204	4055	254	95	0	0	450	450	20509

Source Location	Worker Commute from Fresno	Worker Commute From Mendota	Worker Lunch Trip	Worker Ulterior Trip	Panel Deliveries from Oakland Port	Racking Deliveries from Oakland Port	Materials Devliveries from Fresno	Equipment Deliveries from Fresno	Total Vehicle Miles Traveled
Week 60	15204	4055	254	95	0	0	450	450	20509
Week 61	8033	2142	134	50	0	0	450	450	11259
Week 62	8033	2142	134	50	0	0	450	450	11259
Week 63	8033	2142	134	50	0	0	450	450	11259
Week 64	8033	2142	134	50	0	0	450	450	11259
Totals	4,200,479	1,120,135	70,304	26,403	129,354	161,274	44,777	15,167	5,767,892

Traffic Index Calculations

Per the Caltrans Highway Design Manual (HDM) TI is calculated as follows:

$$TI = 9.0 \left(\frac{ESAL * LDF}{10^6} \right)^{0.119}$$

Where: TI = Traffic Index for a given design Life

ESAL = Total number of cumulative 18-kip Equivalent Single Axel Loads for all truck/bus types over the design life of the pavement structure calculated using the ESAL constants given.

LDF = Land Distribution Factor as determined from the Table in the HDM. Because there is only one lane in each direction on both roads this Factor is 1.0 for this Project.

ESAL Constants

Vehicle Type (by Axle Classification)	10-Year Constants	20-Year Constants	30-Year Constants	40-Year Constants
Two-axle trucks or buses	690	1,380	2,070	2,760
Three-axle trucks or buses	1,840	3,680	5,520	7,360
Four-axle trucks	2,940	5,880	8,820	11,760
Five or more-axle trucks	6,890	13,780	20,670	27,560
Two-axle buses ⁽¹⁾	1,380	2,760	4,140	5,520
Three-axle buses ⁽¹⁾	6,808	13,616	20,424	27,232

Note that the 10-year, 20-year, 30-year and 40-year constants are related linearly. Fresno County Requested that TI be calculated for a design life equivalent to the duration of construction which is 16 months or 1.33 years. The ESAL constants can be back calculated for this design life since the constants are related on a linear basis. Performing this back calculation yields:

Vehicle Type	16 Month Constants
Two-axle Trucks	92
Three-axle Trucks	245
Four-axel Trucks	392
Five or more axel Trucks	919

As no busses are expected on the routes the calculations were simplified to exclude the two bus types. Tube counts were available on Manning Ave. from the Scarlet Solar Traffic Impact Study and Caltrans had data available for Derrick Ave that broke down traffic by vehicle classification. This provided Annual Average Daily Truck Traffic (AADTT) as required for TI analysis. Based on the materials and equipment being delivered it is believed that nearly all trucks delivering materials and equipment will be standard 5-axle semi-trucks (92% of all heavy vehicle traffic. The additional 8% are expected to be 3-axle vehicles such as concrete trucks or other small equipment trucks. 40% of the trucks are anticipated to come from the Port in Oakland, CA and arrive to the sight via eastbound Manning Ave. The Remaining 60% will likely from from Fresno, CA. The results are as follows and as shown in the TIS Report.

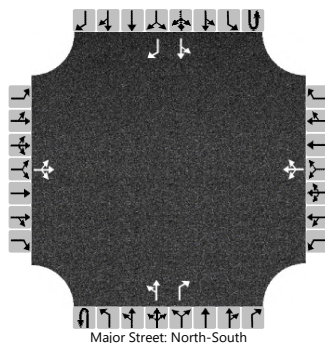
Vehicle Type		Manning West of Site Entrance		Manning East of Site Entrance		SB Derrick North of Manning	
Existing Traffic Index	Two-axle trucks	3		21		252	
	Three-axle trucks	36		20		30	
	Four-axle trucks	31		10		20	
	Five or more-axle Trucks	122		168		193	
	AADTT	192		219		495	
	Total ESAL	133,337		165,095		215,687	
	Traffic Index	7.1		7.3		7.5	
Construction Traffic Index	Two-axle trucks/AADTT	0	0.0	0	0.0	0	0.0
	Three-axle trucks/AADTT	0	0.0	130	0.3	130	0.3
	Four-axle trucks/AADTT	0	0.0	0	0.0	0	0.0
	Five-axle Trucks/AADTT	648	1.3	842	1.7	842	1.7
	Trucks on Route/AADTT	648	1.3	972	2.0	972	2.0
	Added ESAL	917		1,240		1,240	
	Total ESAL	134,254		166,335		216,927	
	Traffic Index	7.1		7.3		7.5	

Attachment A
HCS-7 Reports

HCS7 Two-Way Stop-Control Report

General Information		Site Information	
Analyst	ENM	Intersection	Derrick Ave & Panoche Ave
Agency/Co.	Department of Public Work	Jurisdiction	Fresno County
Date Performed	7/16/2020	East/West Street	Panoche Ave
Analysis Year	2022	North/South Street	Derrick Ave
Time Analyzed	Morning Existing	Peak Hour Factor	0.88
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description	Luna Valley Solar Project		

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound						
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R			
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6			
Number of Lanes		0	1	0		0	1	0		0	1	1		0	0	1	1		
Configuration			LTR				LTR			LT		R		LT		R			
Volume (veh/h)		5	10	2		4	62	6		6	43	3		6	102	77			
Percent Heavy Vehicles (%)		10	10	10		10	10	10		10				10					
Proportion Time Blocked																			
Percent Grade (%)		0				0													
Right Turn Channelized										No				No					
Median Type Storage		Undivided																	

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1			
Critical Headway (sec)		7.20	6.60	6.30		7.20	6.60	6.30		4.20				4.20			
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2			
Follow-Up Headway (sec)		3.59	4.09	3.39		3.59	4.09	3.39		2.29				2.29			

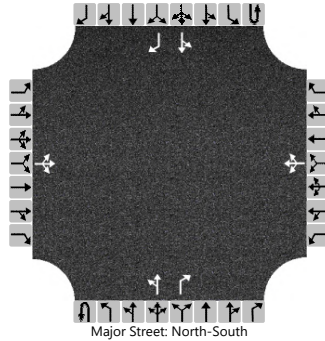
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			19				82			7				7			
Capacity, c (veh/h)			752				669			1322				1504			
v/c Ratio			0.03				0.12			0.01				0.00			
95% Queue Length, Q ₉₅ (veh)			0.1				0.4			0.0				0.0			
Control Delay (s/veh)			9.9				11.1			7.7				7.4			
Level of Service (LOS)			A				B			A				A			
Approach Delay (s/veh)		9.9				11.1				0.9				0.3			
Approach LOS		A				B											

HCS7 Two-Way Stop-Control Report

General Information		Site Information	
Analyst	ENM	Intersection	Derrick Ave & Panoche Ave
Agency/Co.	Department of Public Work	Jurisdiction	Fresno County
Date Performed	7/17/2020	East/West Street	Panoche Rd
Analysis Year	2022	North/South Street	Derrick Ave
Time Analyzed	Evening Existing	Peak Hour Factor	0.88
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description	Luna Valley Solar Project		

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6	
Number of Lanes		0	1	0		0	1	0	0	0	1	1	0	0	1	1	
Configuration			LTR				LTR			LT		R		LT		R	
Volume (veh/h)		77	62	6		3	10	6		2	102	4		6	58	5	
Percent Heavy Vehicles (%)		10	10	10		10	10	10		10				10			
Proportion Time Blocked																	
Percent Grade (%)		0				0											
Right Turn Channelized										No				No			
Median Type Storage		Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.20	6.60	6.30		7.20	6.60	6.30		4.20				4.20		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.59	4.09	3.39		3.59	4.09	3.39		2.29				2.29		

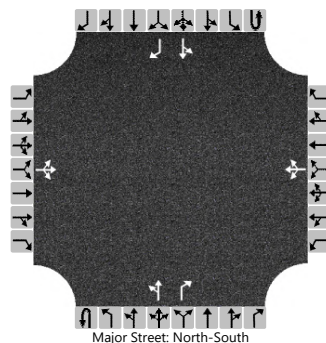
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			165				22			2				7			
Capacity, c (veh/h)			723				969			1479				1419			
v/c Ratio			0.23				0.02			0.00				0.00			
95% Queue Length, Q ₉₅ (veh)			0.9				0.1			0.0				0.0			
Control Delay (s/veh)			11.4				8.8			7.4				7.5			
Level of Service (LOS)			B				A			A				A			
Approach Delay (s/veh)		11.4				8.8				0.1				0.7			
Approach LOS		B				A											

HCS7 Two-Way Stop-Control Report

General Information		Site Information	
Analyst	ENM	Intersection	Derrick Ave & Panoche Ave
Agency/Co.	Department of Public Work	Jurisdiction	Fresno County
Date Performed	8/23/2020	East/West Street	Panoche Ave
Analysis Year	2022	North/South Street	Derrick Ave
Time Analyzed	Morning Construction	Peak Hour Factor	0.88
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description	Luna Valley Solar Project		

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6	
Number of Lanes		0	1	0		0	1	0		0	1	1		0	0	1	1
Configuration			LTR				LTR			LT		R		LT		R	
Volume (veh/h)		5	10	2		359	62	6		6	45	13		6	156	77	
Percent Heavy Vehicles (%)		10	10	10		3	10	10		10				10			
Proportion Time Blocked																	
Percent Grade (%)		0				0											
Right Turn Channelized										No				No			
Median Type Storage		Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.20	6.60	6.30		7.13	6.60	6.30		4.20				4.20		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.59	4.09	3.39		3.53	4.09	3.39		2.29				2.29		

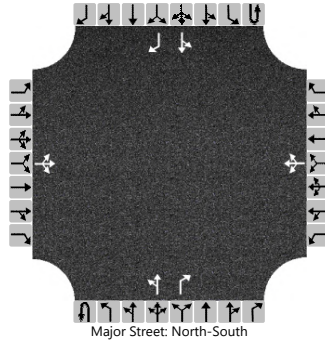
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			19				485			7				7			
Capacity, c (veh/h)			678				622			1254				1486			
v/c Ratio			0.03				0.78			0.01				0.00			
95% Queue Length, Q ₉₅ (veh)			0.1				7.4			0.0				0.0			
Control Delay (s/veh)			10.5				28.2			7.9				7.4			
Level of Service (LOS)			B				D			A				A			
Approach Delay (s/veh)		10.5				28.2				0.8				0.2			
Approach LOS		B				D											

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Derrick Ave & Panoche Ave		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Panoche Ave		
Analysis Year	2022			North/South Street	Derrick Ave		
Time Analyzed	Evening Construction			Peak Hour Factor	0.88		
Intersection Orientation	North-South			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6	
Number of Lanes		0	1	0		0	1	0	0	0	1	1	0	0	1	1	
Configuration			LTR				LTR			LT		R		LT		R	
Volume (veh/h)		77	62	6		13	10	6		2	158	364		6	58	5	
Percent Heavy Vehicles (%)		10	10	10		20	10	10		10				10			
Proportion Time Blocked																	
Percent Grade (%)		0				0											
Right Turn Channelized										No				No			
Median Type Storage		Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.20	6.60	6.30		7.30	6.60	6.30		4.20				4.20		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.59	4.09	3.39		3.68	4.09	3.39		2.29				2.29		

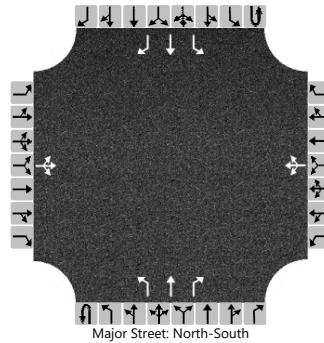
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			165				33			2				7			
Capacity, c (veh/h)			432				699			1479				945			
v/c Ratio			0.38				0.05			0.00				0.01			
95% Queue Length, Q ₉₅ (veh)			1.8				0.1			0.0				0.0			
Control Delay (s/veh)			18.4				10.4			7.4				8.8			
Level of Service (LOS)			C				B			A				A			
Approach Delay (s/veh)		18.4				10.4				0.0				0.8			
Approach LOS		C				B											

HCS7 Two-Way Stop-Control Report

General Information		Site Information	
Analyst	ENM	Intersection	Derrick Ave & Manning Ave
Agency/Co.	Department of Public Work	Jurisdiction	Fresno County
Date Performed	8/28/2020	East/West Street	Manning Ave
Analysis Year	2022	North/South Street	Derrick Ave
Time Analyzed	Morning PH Existing	Peak Hour Factor	0.88
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description	Luna Valley Solar Project		

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6	
Number of Lanes		0	1	0		0	1	0		1	1	1		1	1	1	
Configuration			LTR				LTR			L	T	R		L	T	R	
Volume (veh/h)		7	35	5		10	34	7		4	58	7		8	120	19	
Percent Heavy Vehicles (%)		10	10	10		10	10	10		10				10			
Proportion Time Blocked																	
Percent Grade (%)		0				0											
Right Turn Channelized										No				No			
Median Type Storage		Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.20	6.60	6.30		7.20	6.60	6.30		4.20				4.20		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.59	4.09	3.39		3.59	4.09	3.39		2.29				2.29		

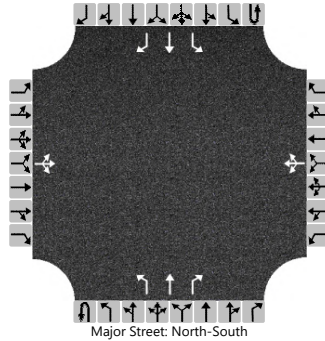
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			53				58			5				9			
Capacity, c (veh/h)			719				733			1374				1476			
v/c Ratio			0.07				0.08			0.00				0.01			
95% Queue Length, Q ₉₅ (veh)			0.2				0.3			0.0				0.0			
Control Delay (s/veh)			10.4				10.3			7.6				7.5			
Level of Service (LOS)			B				B			A				A			
Approach Delay (s/veh)		10.4				10.3				0.4				0.4			
Approach LOS		B				B				A				A			

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Derrick Ave & Manning Ave		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Manning Ave		
Analysis Year	2022			North/South Street	Derrick Ave		
Time Analyzed	Evening PH Existing			Peak Hour Factor	0.88		
Intersection Orientation	North-South			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Movement																
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0		0	1	1		0	1	1
Configuration			LTR				LTR			L	T	R		L	T	R
Volume (veh/h)		19	34	4		7	35	8		5	120	10		8	58	7
Percent Heavy Vehicles (%)		10	10	10		10	10	10		10				10		
Proportion Time Blocked																
Percent Grade (%)	0				0											
Right Turn Channelized									No				No			
Median Type Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.20	6.60	6.30		7.20	6.60	6.30		4.20				4.20		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.59	4.09	3.39		3.59	4.09	3.39		2.29				2.29		

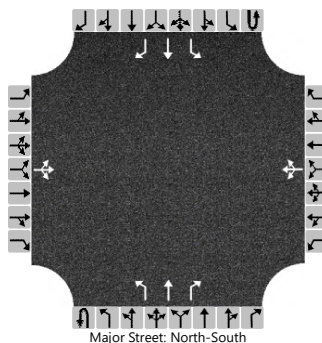
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			65				57			6				9		
Capacity, c (veh/h)			684				763			1476				1386		
v/c Ratio			0.09				0.07			0.00				0.01		
95% Queue Length, Q ₉₅ (veh)			0.3				0.2			0.0				0.0		
Control Delay (s/veh)			10.8				10.1			7.4				7.6		
Level of Service (LOS)			B				B			A				A		
Approach Delay (s/veh)	10.8				10.1				0.3				0.8			
Approach LOS	B				B				A				A			

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Derrick Ave & Manning Ave		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Manning Ave		
Analysis Year	2022			North/South Street	Derrick Ave		
Time Analyzed	Morning PH Construction			Peak Hour Factor	0.88		
Intersection Orientation	North-South			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0	0	1	1	1	0	1	1	1
Configuration			LTR				LTR			L	T	R		L	T	R
Volume (veh/h)		19	35	5		10	34	7		4	58	7		8	120	428
Percent Heavy Vehicles (%)		20	10	10		10	10	10		20				10		
Proportion Time Blocked																
Percent Grade (%)	0				0											
Right Turn Channelized									No				No			
Median Type Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.30	6.60	6.30		7.20	6.60	6.30		4.30				4.20		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.68	4.09	3.39		3.59	4.09	3.39		2.38				2.29		

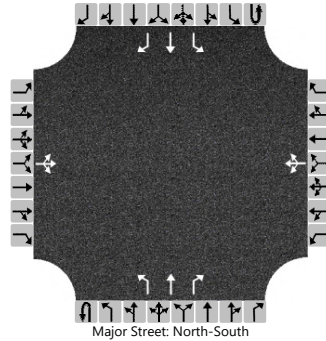
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			67				58			5				9		
Capacity, c (veh/h)			682				418			877				1476		
v/c Ratio			0.10				0.14			0.01				0.01		
95% Queue Length, Q ₉₅ (veh)			0.3				0.5			0.0				0.0		
Control Delay (s/veh)			10.9				15.0			9.1				7.5		
Level of Service (LOS)			B				B			A				A		
Approach Delay (s/veh)	10.9				15.0				0.5				0.1			
Approach LOS	B				B											

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Derrick Ave & Manning Ave		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Manning Ave		
Analysis Year	2022			North/South Street	Derrick Ave		
Time Analyzed	Evening PH Construction			Peak Hour Factor	0.88		
Intersection Orientation	North-South			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6	
Number of Lanes		0	1	0		0	1	0	0	1	1	1	0	1	1	1	
Configuration			LTR				LTR			L	T	R		L	T	R	
Volume (veh/h)		434	34	4		7	35	8		5	120	10		8	58	19	
Percent Heavy Vehicles (%)		3	5	5		5	5	5		5				5			
Proportion Time Blocked																	
Percent Grade (%)		0				0											
Right Turn Channelized										No				No			
Median Type Storage		Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		7.1	6.5	6.2		7.1	6.5	6.2		4.1				4.1		
Critical Headway (sec)		7.13	6.55	6.25		7.15	6.55	6.25		4.15				4.15		
Base Follow-Up Headway (sec)		3.5	4.0	3.3		3.5	4.0	3.3		2.2				2.2		
Follow-Up Headway (sec)		3.53	4.05	3.35		3.55	4.05	3.35		2.25				2.25		

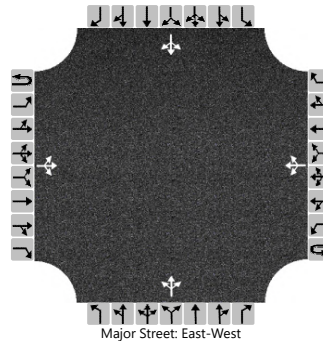
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			536				57			6				9			
Capacity, c (veh/h)			647				761			1490				1416			
v/c Ratio			0.83				0.07			0.00				0.01			
95% Queue Length, Q ₉₅ (veh)			8.9				0.2			0.0				0.0			
Control Delay (s/veh)			31.7				10.1			7.4				7.6			
Level of Service (LOS)			D				B			A				A			
Approach Delay (s/veh)		31.7				10.1				0.3				0.7			
Approach LOS		D				B											

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	San Benito & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Panoche		
Analysis Year	2022			North/South Street	San Benito		
Time Analyzed	Morning Existing			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12	
Priority																	
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	1	0	
Configuration			LTR				LTR				LTR				LTR		
Volume (veh/h)		0	18	0		2	72	0		2	7	2		0	12	4	
Percent Heavy Vehicles (%)		5				0				5	5	5		5	5	5	
Proportion Time Blocked																	
Percent Grade (%)										0				0			
Right Turn Channelized																	
Median Type Storage	Undivided																

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1				4.1				7.1	6.5	6.2		7.1	6.5	6.2
Critical Headway (sec)		4.15				4.10				7.15	6.55	6.25		7.15	6.55	6.25
Base Follow-Up Headway (sec)		2.2				2.2				3.5	4.0	3.3		3.5	4.0	3.3
Follow-Up Headway (sec)		2.25				2.20				3.55	4.05	3.35		3.55	4.05	3.35

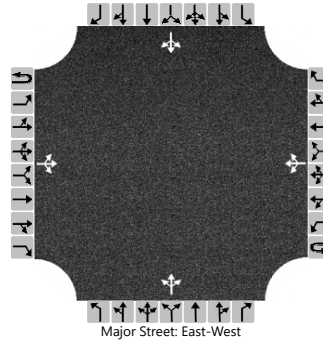
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		0				2					13					18	
Capacity, c (veh/h)		1497				1609					826					817	
v/c Ratio		0.00				0.00					0.02					0.02	
95% Queue Length, Q ₉₅ (veh)		0.0				0.0					0.0					0.1	
Control Delay (s/veh)		7.4				7.2					9.4					9.5	
Level of Service (LOS)		A				A					A					A	
Approach Delay (s/veh)		0.0				0.2				9.4				9.5			
Approach LOS		A				A				A				A			

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	San Benito & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Panoche		
Analysis Year	2022			North/South Street	San Benito		
Time Analyzed	Evening Existing			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12	
Priority																	
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	1	0	
Configuration			LTR				LTR				LTR				LTR		
Volume (veh/h)		0	72	2		1	18	0		2	12	2		0	7	4	
Percent Heavy Vehicles (%)		5				0				5	5	5		5	5	5	
Proportion Time Blocked																	
Percent Grade (%)										0				0			
Right Turn Channelized																	
Median Type Storage	Undivided																

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1				4.1				7.1	6.5	6.2		7.1	6.5	6.2
Critical Headway (sec)		4.15				4.10				7.15	6.55	6.25		7.15	6.55	6.25
Base Follow-Up Headway (sec)		2.2				2.2				3.5	4.0	3.3		3.5	4.0	3.3
Follow-Up Headway (sec)		2.25				2.20				3.55	4.05	3.35		3.55	4.05	3.35

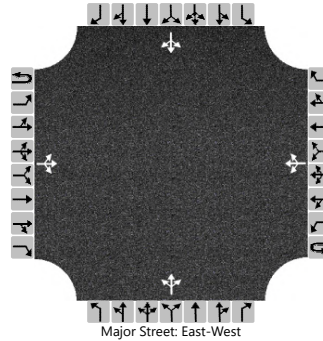
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		0				1					18					13	
Capacity, c (veh/h)		1576				1525					806					858	
v/c Ratio		0.00				0.00					0.02					0.01	
95% Queue Length, Q ₉₅ (veh)		0.0				0.0					0.1					0.0	
Control Delay (s/veh)		7.3				7.4					9.6					9.3	
Level of Service (LOS)		A				A					A					A	
Approach Delay (s/veh)		0.0				0.4				9.6				9.3			
Approach LOS		A				A				A				A			

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	San Benito & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	12/8/2020			East/West Street	Panoche		
Analysis Year	2022			North/South Street	San Benito		
Time Analyzed	Morning Construction			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12	
Priority																	
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	1	0	
Configuration			LTR				LTR				LTR				LTR		
Volume (veh/h)		0	28	0		2	427	0		2	7	2		0	12	4	
Percent Heavy Vehicles (%)		0				5				5	5	5		5	5	5	
Proportion Time Blocked																	
Percent Grade (%)										0				0			
Right Turn Channelized																	
Median Type Storage	Undivided																

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1				4.1				7.1	6.5	6.2		7.1	6.5	6.2
Critical Headway (sec)		4.10				4.15				7.15	6.55	6.25		7.15	6.55	6.25
Base Follow-Up Headway (sec)		2.2				2.2				3.5	4.0	3.3		3.5	4.0	3.3
Follow-Up Headway (sec)		2.20				2.25				3.55	4.05	3.35		3.55	4.05	3.35

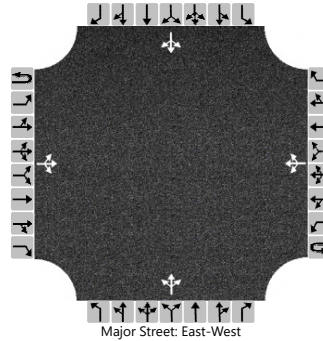
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		0				2					13					18	
Capacity, c (veh/h)		1088				1561					503					480	
v/c Ratio		0.00				0.00					0.02					0.04	
95% Queue Length, Q ₉₅ (veh)		0.0				0.0					0.1					0.1	
Control Delay (s/veh)		8.3				7.3					12.3					12.8	
Level of Service (LOS)		A				A					B					B	
Approach Delay (s/veh)		0.0				0.0				12.3				12.8			
Approach LOS		B				B				B				B			

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	San Benito & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Panoche		
Analysis Year	2022			North/South Street	San Benito		
Time Analyzed	Evening Construction			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound				
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R	
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12	
Priority																	
Number of Lanes	0	0	1	0	0	0	1	0		0	1	0		0	1	0	
Configuration			LTR				LTR				LTR				LTR		
Volume (veh/h)		0	431	2		1	28	0		2	12	2		0	7	4	
Percent Heavy Vehicles (%)		5				0				5	5	5		5	5	5	
Proportion Time Blocked																	
Percent Grade (%)										0				0			
Right Turn Channelized																	
Median Type Storage	Undivided																

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1				4.1				7.1	6.5	6.2		7.1	6.5	6.2
Critical Headway (sec)		4.15				4.10				7.15	6.55	6.25		7.15	6.55	6.25
Base Follow-Up Headway (sec)		2.2				2.2				3.5	4.0	3.3		3.5	4.0	3.3
Follow-Up Headway (sec)		2.25				2.20				3.55	4.05	3.35		3.55	4.05	3.35

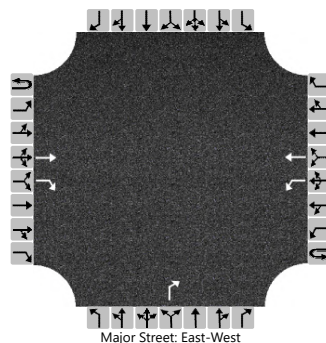
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		0				1					18				13		
Capacity, c (veh/h)		1561				1082					464				568		
v/c Ratio		0.00				0.00					0.04				0.02		
95% Queue Length, Q ₉₅ (veh)		0.0				0.0					0.1				0.1		
Control Delay (s/veh)		7.3				8.3					13.1				11.5		
Level of Service (LOS)		A				A					B				B		
Approach Delay (s/veh)		0.0				0.3				13.1				11.5			
Approach LOS		B				B				B				B			

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Whitesbridge & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Whitesbridge		
Analysis Year	2022			North/South Street	Panoche		
Time Analyzed	Morning Existing			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Priority																
Number of Lanes	0	0	1	1	0	1	1	0		0	0	1		0	0	0
Configuration			T	R		L	T					R				
Volume (veh/h)			320	2		72	260					40				
Percent Heavy Vehicles (%)						0						5				
Proportion Time Blocked																
Percent Grade (%)									0							
Right Turn Channelized	No								No							
Median Type Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1										6.2
Critical Headway (sec)						4.10										6.25
Base Follow-Up Headway (sec)						2.2										3.3
Follow-Up Headway (sec)						2.20										3.35

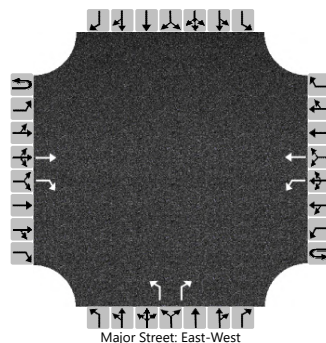
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						82										45
Capacity, c (veh/h)						1204										675
v/c Ratio						0.07										0.07
95% Queue Length, Q ₉₅ (veh)						0.2										0.2
Control Delay (s/veh)						8.2										10.7
Level of Service (LOS)						A										B
Approach Delay (s/veh)					1.8				10.7							
Approach LOS									B							

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM	Intersection	Whitesbridge & Panoche				
Agency/Co.	Department of Public Work	Jurisdiction	Fresno County				
Date Performed	8/28/2020	East/West Street	Whitesbridge				
Analysis Year	2022	North/South Street	Panoche				
Time Analyzed	Evening Existing	Peak Hour Factor	0.88				
Intersection Orientation	East-West	Analysis Time Period (hrs)	0.25				
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Priority																
Number of Lanes	0	0	1	1	0	1	1	0		1	0	1		0	0	0
Configuration			T	R		L	T			L		R				
Volume (veh/h)			260	4		19	320			2		70				
Percent Heavy Vehicles (%)						0				5		5				
Proportion Time Blocked																
Percent Grade (%)									0							
Right Turn Channelized	No								No							
Median Type Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1					7.1		6.2			
Critical Headway (sec)						4.10					6.45		6.25			
Base Follow-Up Headway (sec)						2.2					3.5		3.3			
Follow-Up Headway (sec)						2.20					3.55		3.35			

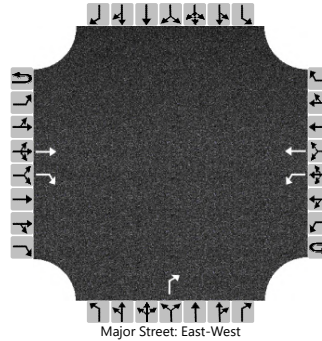
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						22					2		80			
Capacity, c (veh/h)						1273					393		737			
v/c Ratio						0.02					0.01		0.11			
95% Queue Length, Q ₉₅ (veh)						0.1					0.0		0.4			
Control Delay (s/veh)						7.9					14.2		10.5			
Level of Service (LOS)						A					B		B			
Approach Delay (s/veh)					0.4				10.6							
Approach LOS									B							

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Whitesbridge & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Whitesbridge		
Analysis Year	2022			North/South Street	Panoche		
Time Analyzed	Morning Construction			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Priority																
Number of Lanes	0	0	1	1	0	1	1	0		0	0	1		0	0	0
Configuration			T	R		L	T					R				
Volume (veh/h)			320	2		426	260					50				
Percent Heavy Vehicles (%)						0						5				
Proportion Time Blocked																
Percent Grade (%)									0							
Right Turn Channelized	No								No							
Median Type Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1										6.2
Critical Headway (sec)						4.10										6.25
Base Follow-Up Headway (sec)						2.2										3.3
Follow-Up Headway (sec)						2.20										3.35

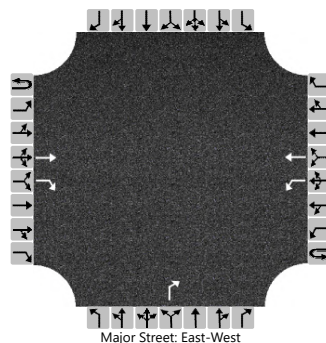
Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						484										57
Capacity, c (veh/h)						1204										675
v/c Ratio						0.40										0.08
95% Queue Length, Q ₉₅ (veh)						2.0										0.3
Control Delay (s/veh)						10.0										10.8
Level of Service (LOS)						A										B
Approach Delay (s/veh)					6.2				10.8							
Approach LOS									B							

HCS7 Two-Way Stop-Control Report

General Information				Site Information			
Analyst	ENM			Intersection	Whitesbridge & Panoche		
Agency/Co.	Department of Public Work			Jurisdiction	Fresno County		
Date Performed	8/28/2020			East/West Street	Whitesbridge		
Analysis Year	2022			North/South Street	Panoche		
Time Analyzed	Evening Construction			Peak Hour Factor	0.88		
Intersection Orientation	East-West			Analysis Time Period (hrs)	0.25		
Project Description	Luna Valley Solar Project						

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Movement	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Priority																
Number of Lanes	0	0	1	1	0	1	1	0		0	0	1		0	0	0
Configuration			T	R		L	T					R				
Volume (veh/h)			260	4		19	320					431				
Percent Heavy Vehicles (%)						0						3				
Proportion Time Blocked																
Percent Grade (%)									0							
Right Turn Channelized	No								No							
Median Type Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)						4.1										6.2
Critical Headway (sec)						4.10										6.23
Base Follow-Up Headway (sec)						2.2										3.3
Follow-Up Headway (sec)						2.20										3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)						22										490
Capacity, c (veh/h)						1273										742
v/c Ratio						0.02										0.66
95% Queue Length, Q ₉₅ (veh)						0.1										5.0
Control Delay (s/veh)						7.9										18.8
Level of Service (LOS)						A										C
Approach Delay (s/veh)					0.4				18.8							
Approach LOS									C							

HCS7 Two-Lane Highway Report

Project Information

Analyst	ENM	Date	7/17/2020
Agency	Dept. of Public Works	Analysis Year	2022
Jurisdiction	Fresno County	Time Period Analyzed	AM/PM Peak Hour
Project Description	Luna Valley Solar Project	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	5280
Lane Width, ft	12	Shoulder Width, ft	2
Speed Limit, mi/h	55	Access Point Density, pts/mi	0.5

Demand and Capacity

Directional Demand Flow Rate, veh/h	264	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	10.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.16

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	59.4
Speed Slope Coefficient	3.78193	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.30112	PF Power Coefficient	0.76043
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	57.7

Vehicle Results

Average Speed, mi/h	57.7	Percent Followers, %	37.6
Segment Travel Time, minutes	1.04	Followers Density, followers/mi/ln	1.7
Vehicle LOS	A		

HCS7 Two-Lane Highway Report

Project Information

Analyst	ENM	Date	7/17/2020
Agency	Dept. of Public Works	Analysis Year	2022
Jurisdiction	Fresno County	Time Period Analyzed	AM/PM Peak Hour
Project Description	Luna Valley Solar Project	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	5280
Lane Width, ft	12	Shoulder Width, ft	2
Speed Limit, mi/h	55	Access Point Density, pts/mi	0.5

Demand and Capacity

Directional Demand Flow Rate, veh/h	955	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	10.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.56

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	59.4
Speed Slope Coefficient	3.78193	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.30112	PF Power Coefficient	0.76043
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	12.2
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	55.9

Vehicle Results

Average Speed, mi/h	55.9	Percent Followers, %	71.5
Segment Travel Time, minutes	1.07	Followers Density, followers/mi/ln	12.2
Vehicle LOS	E		

Appendix L

Water Supply Assessment



Luna Valley Solar I, LLC

Luna Valley Solar Water Supply Assessment

Draft



November 18, 2020

Luna Valley Solar Water Supply Assessment

November 18, 2020

Draft

PREPARED FOR

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FIGURES

Figure 1. Project Location

ATTACHMENTS

Attachment A. Westlands Water District Will Serve Letter

1 INTRODUCTION

1.1 PROJECT OVERVIEW

The Luna Valley Solar Project (Luna Valley Solar; Project) is a proposed photovoltaic (PV) solar electricity generating facility and energy storage system and associated infrastructure project that would produce up to 200 megawatts of alternating current (AC) energy at the point of grid interconnection. The Project would include a solar energy generating facility, direct current (DC) electricity to AC electricity power inverters and transformers or power conditioning stations, a Project on-site substation, battery energy storage system, and a connection to the Pacific Gas and Electric (PG&E)-owned Tranquillity substation.

1.2 PURPOSE OF WATER SUPPLY ASSESSMENT

The objective of this report is to provide a Water Supply Assessment (WSA) pursuant to the requirements of California Senate Bill (SB) 610, for the Luna Valley Solar Project.

The County of Fresno (County) has determined that the Luna Valley Solar Project is a project as defined by Water Code Section 10912, subject to the California Environmental Quality Act and shall require a WSA. The objective of this report is to provide analysis of the water supply and determine its availability during normal, single dry, and multiple dry water years during a 20-year projection, which will meet the projected water demand associated with the proposed Project within the 20-year projection, in addition to the area's existing and planned future uses, including agricultural and manufacturing uses pursuant to the requirements of California SB 610.

1.3 SB 610 OVERVIEW AND APPLICABILITY

SB 610, passed in 2002, amended the California Water Code to require detailed analysis of water supply availability for certain types of development projects, and to improve the link between information on water supply availability and certain land use decisions made by cities and counties. SB 610 requires detailed information regarding water availability to be provided to the city and county decision-makers prior to approval of specified large development projects. This information is to be included in the administrative record that serves as the evidentiary basis for an approval action by the city or county on such projects. SB 610 recognizes local control and decision making regarding the availability of water for projects and the approval of projects.

SB 610 requires that a project be supported by a WSA if the project is subject to the California Environmental Quality Act and is an industrial project of more than 40 acres in size regardless of size or type, or would demand an amount of water equivalent to, or greater than, the amount of water required by a 500-dwelling unit project. According to SB 610 Guidelines, one dwelling unit typically consumes 0.3 to 0.5-acre feet per year (AFY), which would amount to 150 to 250 AFY for 500 units. Projects must analyze whether the total projected water supplies determined to be available for the respective project during normal, single dry, and multiple dry water years during a 20-year projection, will meet the projected water demand associated with the proposed project, in addition to the existing and planned future uses, including agricultural and manufacturing uses. The primary question to be answered in a WSA is as follows:

Will the total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection meet the projected water demand of the proposed project, in addition to existing and planned future uses of the identified water supplies, including agricultural and manufacturing uses?

2 PROJECT LOCATION, DESCRIPTION, AND WATER DEMAND

2.1 PROJECT LOCATION

The approximately 1,300-acre Project site is located in unincorporated Fresno County and generally bound by flat, agricultural lands and other solar energy generation facilities. The nearest city is Tranquillity, approximately 9 miles to the east-northeast. Interstate 5, paralleled to the east by the California Aqueduct, is approximately 11 miles to the west as well as to the south of Project area. The cities of Mendota and San Joaquin are approximately 10 miles north and east of the Project area, respectively. The San Joaquin Airport is roughly 9.5 miles east of the Project area.

More specifically, Highway 33 (South Derrick Avenue) makes up the eastern boundary of the Project area. The western edge of the Project area is approximately 2,600 feet east of S. Bernardino Avenue, the northern edge is approximately 1,400 feet south of W. South Avenue, and the southern edge is approximately 1,300 feet north of W. Dinuba Avenue. W. Manning Avenue cuts through the approximate middle of the Project area from east to west and S. Ohio Avenue cuts through the approximate middle of the Project area from north to south.

The Project site is entirely within the U.S. Geological Survey 7.5-minute topographic quadrangle of Levees. The Project area is located within Township 15 South, Range 14 East, Sections 23, 24, 25, and 26. The Project site is located approximately within the latitudes of 36.59° and 36.61° and within the longitudes of -120.39° and -120.42° (in decimal degrees). The Project area centroid is located at approximately latitude/longitude 36°36'12"N/120°24'05"W. The Project site is shown on Figure 1.

2.2 PROJECT DESCRIPTION

The Project would include the following components:

- PV solar panels mounted on a single axis tracking system organized in rows in a uniform grid pattern referred to as solar arrays, electrically connected to form a utility-scale PV solar system.
- Approximately 62 Power Conditioning Stations (inverters and transformers) that would take DC electricity from the connected strings of PV panels and convert it to AC electricity. The power conditioning station transformers would step up the AC electricity to the appropriate voltage for collection into the substation.
- A substation that would include transformers, breakers, switches, meters, control room, emergency generator and other related equipment. The substation footprint is estimated at 350 feet by 300 feet with transmission pole structures up to 200 feet in height.
- An energy storage system with a footprint of 4 acres that would include battery storage system enclosures and controllers, DC/DC converters, and power conditioning stations consisting of inverters and medium voltage transformers.
- PG&E Transmission Line to interconnect the Luna Valley Solar Project to the PG&E Tranquillity Switching Station which includes approximately 1,300 feet of above-ground 230 kilovolt conductor strung on approximately four new tubular steel poles of up to 140 feet in height. An underground fiber optic line would also be included for communications.
- Access roads to the Project with main entrances along W. Manning Avenue and Highway 33 (S. Derrick Avenue).
- Chain-link perimeter fencing with concertina wire if deemed necessary. Access gates would be provided at each site entry road.
- Telecommunications to connect to existing local telecommunication services.

- Meteorological Data Collection System through a variety of instruments.
- Signage identifying Project owner for safety / security.
- Motion-activated security lighting.
- Operation and Maintenance building, of approximately 100 feet by 500 feet. Sanitary facilities would be provided through septic system or leach field.

Water usage information in this report is provided for the whole Project and includes construction and operations-related water demand. Construction-related water demand for the Project is determined by the site preparation activities required, including dust control, soil conditioning, labor workforce needs, and by the duration of the construction period.

2.2.1 Existing Public Water System

A public water system is defined in Water Code Section 10912 as “a system for the provision of piped water to the public for human consumption that has 3,000 or more service connections.” The proposed Project is located within the jurisdiction of the Westlands Water District (WWD), which provides agricultural water to users within the jurisdiction, and does not deliver treated water for human consumption and is not considered a public water system. The Project site is not connected to a public water system and there are no public water systems that can serve the proposed Project. Where that is the case, the County is required to prepare the WSA under the Water Code Section 10910(b).

2.2.2 Existing Urban Water Management Plans

Public water systems are required by the California Water Code to prepare Urban Water Management Plans (UWMP) to carry out “long-term resource planning responsibilities to ensure adequate water supplies to meet existing and future demands for water” (Water Code Section 10610.2). UWMPs are prepared using input from multiple water systems operating in the region and include assessment of the reliability of water supply over a 20-year period and account for known and projected water demands during that time, including during normal, single-dry, and multiple-dry water years. WSAs commonly incorporate assessment of project-related water demands from UWMPs and other assessments and plans.

There is no current UWMP that accounts for the proposed project’s water demands. WWD mainly supplies water for agricultural use. Therefore, WWD is not considered an “Urban Water Supplier” and is not required to submit an UWMP. WWD does however, submit a Water Management Plan.

2.3 PROJECTED WATER DEMANDS

During construction of the Project, water is anticipated to be supplied by an on-site WWD groundwater well, and by WWD through a 4-inch municipal and industrial (M&I) meter. It is projected that construction would require up to 300 acre-feet (AF) of water over a duration of 16 months for dust suppression, truck wheel washing, grading, and other construction-related purposes. Domestic potable water would not be required during construction, and restroom facilities would be provided by portable units serviced by a third party.

During operation and maintenance of the Project, minimal water would be required for panel washing activities, equipment washing, and general maintenance. The need for panel washing would be infrequent (e.g., months to years between washings) and determined based on operating considerations, including actual soiling of the PV panels and any expected benefit from cleaning. Should cleaning be necessary, demineralized water would be sprayed on the PV panels to remove dust or a dry-cleaning method may be

used. It is anticipated that operation and maintenance would require up to 3 AFY. Water for operation and maintenance would be obtained from WWD through a municipal and industrial meter.

3 WATER SUPPLY

3.1 WESTLANDS WATER DISTRICT

The WWD utilizes a combination of imported surface water, local groundwater and local surface water to serve its customers. The majority of WWD's customers are agricultural customers that occupy 568,000 irrigable acres out of the WWD's 614,000 total acres.

Surface water supplies are imported from the Sacramento Delta by the Central Valley Project (CVP) via the Delta-Mendota Canal and the San Luis Canal. The amount of water received from the CVP will vary in any given year depending on the amount of precipitation received in northern California. WWD has long-term contractual and legal entitlements with the United States Bureau of Reclamations (USBR) for a firm supply of 1,191,185 AF of CVP water during each water year, although this amount is usually not delivered. WWD supplements the remainder of its water needs through pumping of local groundwater.

WWD does not operate or manage its own local water supplies. Instead, it relies on conjunctive use of landowners to pump groundwater wells and divert surface waters. WWD has a Distribution System Integration Program which allows landowners to use the WWD's water distribution system to convey groundwater to other points of use within the WWD jurisdiction. This conjunctive use of surface and groundwater improves overall water supply reliability by making more efficient use of water that is available. In wet periods, use of surface water is encouraged to preserve groundwater supplies. In droughts, greater flexibility in the use of groundwater is facilitated to extract the maximum benefit from its resources (WWD 2015).

As previously noted, WWD has entitlement from CVP to a firm supply of 1,191,185 AF of CVP water during each water year. Depending on drought conditions and water supply availability in the Bay Delta, this total amount may not be delivered. In some years, WWD may acquire additional water pursuant to its entitlements, or other water from other sources. Table 1 summarizes WWD's water supply history from 1988 to 2020 (anticipated). As can be observed by comparing annual groundwater versus net CVP supply, the amount of groundwater pumped from the local aquifer (the Westside subbasin) is inversely proportional to the imported surface water received via the CVP.

Table 1. Westlands Water District – Water Supply History

Water Year	CVP Allocation %	Net CVP (AF)	Groundwater (AF)	Water User Acquired (AF)	Additional WWD Supply (AF)	Total Supply (AF)	Fallowed Acres
1988	100%	1,150,000	160,000	7,657	97,712	1,415,369	45,632
1989	100%	1,035,369	175,000	20,530	99,549	1,330,448	64,579
1990	50%	625,196	300,000	18,502	(2,223)	941,475	52,544
1991	27%	229,666	600,000	22,943	77,399	930,008	125,082
1992	27%	208,668	600,000	42,623	100,861	952,152	112,718
1993	54%	682,833	225,000	152,520	82,511	1,142,864	90,413
1994	43%	458,281	325,000	56,541	108,083	947,905	75,732
1995	100%	1,021,719	150,000	57,840	121,747	1,351,306	43,528
1996	95%	994,935	50,000	92,953	172,609	1,310,497	26,754
1997	90%	968,408	30,000	94,908	261,085	1,354,401	35,554
1998	100%	945,115	15,000	54,205	162,684	1,177,004	33,481
1999	70%	806,040	60,000	178,632	111,144	1,155,816	37,206

Table 1. Westlands Water District – Water Supply History

Water Year	CVP Allocation %	Net CVP (AF)	Groundwater (AF)	Water User Acquired (AF)	Additional WWD Supply (AF)	Total Supply (AF)	Fallowed Acres
2000	65%	695,693	225,000	198,294	133,314	1,252,301	46,748
2001	49%	611,267	215,000	75,592	135,039	1,036,898	73,802
2002	70%	776,526	205,000	106,043	64,040	1,151,609	94,557
2003	75%	863,150	160,000	107,958	32,518	1,163,626	76,654
2004	70%	800,704	210,000	96,872	44,407	1,151,983	70,367
2005	85%	996,147	75,000	20,776	98,347	1,190,270	66,804
2006	100%	1,076,461	25,000	45,936	38,079	1,185,476	54,944
2007	50%	647,864	310,000	87,554	61,466	1,106,884	96,409
2008	40%	347,222	460,000	85,421	102,862	995,505	99,663
2009	10%	202,991	480,000	68,070	70,149	821,210	156,239
2010	45%	590,059	140,000	71,296	79,242	880,597	131,339
2011	80%	876,910	45,000	60,380	191,686	1,173,976	59,514
2012	40%	405,451	355,000	111,154	123,636	995,241	112,755
2013	20%	188,448	638,000	101,413	143,962	1,071,823	131,848
2014	0%	98,573	655,000	59,714	26,382	839,669	220,053
2015	0%	82,429	660,000	51,134	34,600	828,163	218,112
2016	5%	9,204	612,000	72,154	174,374	867,732	179,784
2017	100%	911,307	54,000	(50,009)	174,490	1,089,788	146,275
2018	50%	580,050	328,000	42,338	55,872	1,006,260	148,320
2019	75%	788,852	89,000	37,985	53,433	1,007,270	158,103
2020*	20%	203,138	448,000	80,000	119,000	850,138	160,000

Source: WWD 2015

*Estimated

Definitions:

Water Year – March 1 to February 28 (29 Leap Year)

CVP Allocation – Final CVP water supply allocation for the year (100% = 1,150,000 AF)+(Reassignment = 46,948 AF)

Net CVP – CVP Allocation adjusted for carry over and rescheduled losses

Groundwater – Total groundwater pumped (see WWD's Deep Groundwater Report)

Water User Acquired – Private Landowner water transfers

Additional WWD Supply – Surplus water, supplemental supplies, and other adjustments.

Fallowed Acres – Agricultural land out of production

Water Management Programs

The WWD's water service contracts with the United States Bureau of Reclamation require that the WWD adopt a Water Management Plan that demonstrates that the WWD is implementing Best Management Practices to promote water conservation. This Plan is in accordance with State and Federal laws and was prepared to satisfy requirements of the Agricultural Water Management Planning Act. This Plan is to be updated every five years in conjunction with USBR's Updated Standard Criteria for Agricultural and Urban Water Management Plans. The plan develops several best management practices for contractors. The last Water Management Plan was completed in 2017 (WWD 2017).

3.2 LOCAL GROUNDWATER SUPPLY – WESTSIDE SUBBASIN

General

The proposed Project is located within the San Joaquin Valley Groundwater Basin, Westside Subbasin. The Westside Subbasin encompasses an area of approximately 640,000 acres and consists mainly of the lands in WWD. The San Joaquin Valley is surrounded on the west by the Coast Ranges, on the south by the San Emigdio and Tehachapi Mountains, on the east by the Sierra Nevada and on the north by the Sacramento-San Joaquin Delta and Sacramento Valley. The northern portion of the San Joaquin Valley drains toward the Delta by the San Joaquin River and its tributaries, the Fresno, Merced, Tuolumne, and Stanislaus Rivers. The southern portion of the valley is internally drained by the Kings, Kaweah, Tule, and Kern Rivers that flow into the Tulare drainage basin including the beds of the former Tulare, Buena Vista, and Kern Lakes (DWR 2006).

The groundwater basin is comprised generally of two water bearing zones: (1) an upper zone above a nearly impervious Corcoran Clay layer containing the Coastal and Sierran aquifers and (2) a lower zone below the Corcoran Clay containing the Sub Corcoran aquifer. These water bearing zones are recharged by subsurface inflow from the west, east, and northeast, and by percolation of applied surface water (WWD 2015).

Adjudication

The Westside Subbasin is not adjudicated, meaning that landowners may extract groundwater underlying their property without a permit regulating groundwater extraction. Landowners may use the groundwater on a “equal and correlative” basis, and all property owners have a shared right to reasonable use of the aquifer.

Safe Yield

Safe yield is the amount of groundwater that can be extracted without lowering the groundwater levels over the long term. The WWD Groundwater Sustainability Plan has identified the current safe yield of groundwater to be approximately 270,000 AFY.

Groundwater Level Trends

In general, the aquifer water level will vary on an annual basis depending on the amount of water percolated into the aquifer and the amount pumped via groundwater wells. The water levels will decline during times of drought and increasing pumping and water levels will increase during periods of an abundance of rain and decreased pumping. Groundwater levels were generally at their lowest levels in the late 1960s prior to importation of surface water. The CVP began delivering surface water in 1967–1968. Water levels gradually increased to a maximum in about 1987–1988, falling briefly during the 1967–1977 drought. Water levels began dropping again during the 1987–1992 drought with water levels showing this affect until 1994. Through a series of wet years, after the drought, 1998 water levels recovered nearly to 1987–1988 levels (DWR 2006).

Groundwater elevations and the estimated amount of groundwater pumped for a sixty-year period between 1956 and 2015 is included in Table 2 below. The table shows the average mean sea level elevation of the groundwater in the lower water bearing zone. It can be seen from the data below that groundwater levels in the Westside Subbasin are directly affected by the amount that is pumped from the basin and groundwater levels fall during years of high pumping. It can also be seen that groundwater levels recover during years of low pumping. Groundwater levels following years of high pumping show an almost immediate recovery after pumping at levels that exceeded safe yield. During the drought in 1987–

1992, water levels reach a low of -62 feet in 1992 when pumping was at a high of 600,000 AF. The following year 1993 water levels recovered 63 feet to an elevation of 1 foot.

Table 2. Westlands Water District – Groundwater Pumping Versus Groundwater Level

Year	Pumped (AF)	Elevation (mean sea level feet)	Elevation Change (feet)	Year	Pumped (AF)	Elevation (mean sea level feet)	Elevation Change (feet)
1956	964,000	-65	-13	1986	145,000	71	8
1957	928,000	-56	9	1987	159,000	89	18
1958	884,000	-29	27	1988	160,000	64	-25
1959	912,000	-77	-48	1989	175,000	63	-1
1960	872,000	-81	-4	1990	300,000	9	-54
1961	824,000	-96	-15	1991	600,000	-32	-41
1962	920,000			1992	600,000	-62	-30
1963	883,000			1993	225,000	1	63
1964	913,000			1994	325,000	-51	-52
1965	822,000			1995	150,000	27	78
1966	924,000	-134		1996	50,000	49	22
1967	875,000	-156	-22	1997	30,000	63	14
1968	596,000	-135	21	1998	15,000	63	0
1969	592,000	-120	15	1999	20,000	65	2
1970	460,000	-100	20	2000	225,000	43	-22
1971	377,000	-93	7	2001	215,000	25	-18
1972		-54	39	2002	205,000	22	-3
1973		-37	17	2003	160,000	30	8
1974	96,000	-22	15	2004	210,000	24	-6
1975	111,000	-11	11	2005	75,000	56	32
1976	97,000	-2	9	2006	15,000	77	21
1977	472,000	-99	-97	2007	310,000	35	-42
1978	159,000	-4	95	2008	460,000	-11	-46
1979	140,000	-13	-9	2009	480,000	-31	-20
1980	106,000	4	17	2010	140,000	9	40
1981	99,000	11	7	2011	45,000	49	40
1982	105,000	32	21	2012	355,000	1	-48
1983	31,000	56	24	2013	638,000	-58	-59
1984	73,000	61	5	2014	655,000	-76	-18
1985	228,000	63	2	2015	660,000	-120	-44

(WWD 2015)

Groundwater Sustainability

The Sustainable Groundwater Management Act requires local agencies to establish a governance framework for managed groundwater basins. The vast majority of the Westside Subbasin is located within the boundaries of Westland Water District and Westland Water District is the governing agency for managing those portions of the Westside Subbasin.

In January, 2020 WWD prepared the Westside Subbasin Groundwater Sustainability Plan (GSP). The purpose of the GSP, among other goals, is to establish sustainability goals and to determine projects and/or management actions to achieve sustainability by 2040. Some of the general strategies identified to achieve sustainability by 2040 include firming up access to more reliable surface water deliveries, conjunctive use, demand management through the adoption of an allocation system, improved efficiencies by transfer/trading, and surface water substitution within subsidence prone areas.

The GSP also established a water budget which considered the period from 2017 through 2070 and incorporated factors accounting for climate change. The groundwater budget estimates the subbasin to be relatively balanced over the historical water budget period and projects sustainable groundwater conditions in the subbasin by 2040 and through 2070 (i.e. for the planning periods). Some of the specific projects/management actions identified in the GSP required to meet the water budget include: 1) An update to Central Valley Project facilities and management will allow for an increase in surface water imports 2) Implementation of a groundwater pumping allocation plan which will have a transition period from 2022 through 2030 and resulting in less groundwater pumping 3) implementation of a Aquifer Storage and Recover program and 4) Construction of percolation basins along the western portion of the subbasin.

Following the management actions included in the GSP will ensure adequate water availability from the Westside Subbasin for the next 20 years, including water for the Project.

Groundwater Availability

According to the GSP, groundwater levels within the basin are currently declining, indicating that the basin is in an overdraft condition. However, the GSP notes that the amount of overdraft compared to the capacity of the basin is small. One of the main components of the plan in the GSP to address this overdraft is to reduce future groundwater pumping. As previously mentioned, the GSP includes a transition period from 2022 through 2030 where mild, annual groundwater pumping reductions will be imposed. At the end of the transition period, the basin is expected to be balanced and sustainable. WWD has indicated that 300 AF could be withdrawn from the basin either before or within the transition period, and compliance with the GSP could be maintained. However, the GSP does not account for annual groundwater production from the Project after 2030. Therefore, the basin could provide construction water to the Project, but cannot provide annual operational water to the Project.

3.3 OTHER WATER

Temporary Water (United States Bureau of Reclamations Section 215 Water (#574))

Section 215 of the USBR Reform Act of 1982 defines temporary water supplies and allows non-storable water to be applied to lands otherwise ineligible to receive federal water. This water is available because San Luis Reservoir is full and export capacity from the Jones Pumping Plant, which delivers water from the Delta into the Delta-Mendota Canal, exceeds south of Delta service area demands (WWD 2017). Section 215 water would be delivered through WWD.

During wet years, Section 215 water could possibly be secured for the Project. This could be delivered from high-flow Kings River water delivered via the Fresno Slough, located to the east of the Project. The use of Section 215 waters would not result in any adverse effects to local water supplies.

Reclaimed Water

Reclaimed water is effluent water from wastewater treatment plants that has been tertiary treated so that it may be discharged to the environment. The nearest source of reclaimed water to the Project is the City of Firebaugh Waste Water Treatment Plant, approximately 25 miles southeast of the Project site. To use this water as a source, agreements would need to be reached with the wastewater treatment plant and the Central Valley Regional Water Quality Control Board. The water would be trucked from the treatment plant to the Project site.

Trucked Water

Potable or non-potable water from other sources may be available and trucked in. The cost of this water would generally be higher than other sources and the cost would generally increase as the distance to the source increases. This source of water would generally be available, but in times of drought the distance to the source would likely increase.

4 SUPPLY SUFFICIENCY ANALYSIS

The primary question to be answered in a WSA that is compliant with SB 610 requirements is:

Will the total projected water supply available during normal, single dry, and multiple dry water years during a 20-year projection meet the projected water demand of the proposed project, in addition to existing and planned future uses of the identified water supplies, including agricultural and manufacturing uses?

The amount of CVP water received by the WWD during any given year varies depending on climate conditions and other constraints at the Delta. As such, it is not possible to accurately quantify or forecast water supply availability to the WWD. Groundwater usage and replenishment data availability in the San Joaquin Valley area of California is difficult to obtain, due to a dominance of agricultural water users and a lack of consistent groundwater monitoring and reporting programs. Where data is not available to make quantitative estimates of water supply, reasonable assumptions are made based on available information and data.

4.1 WESTLANDS WATER DISTRICT

The CVP imported surface water allocation to WWD is shared between agriculture and incidental non-agricultural water users. Although most WWD customers are agricultural users, some are non-agricultural M&I users. It has been the policy of USBR to deliver CVP water at a minimum of 75 percent of historical municipal and industrial use, even when agricultural allocations are considered less than that. Historically, when the overall water supply has been reduced, the non-agricultural water allocation may not be reduced by a similar percentage. In certain cases of severe reduction, it is likely that WWD would receive CVP hardship water for health and safety purposes based on the statement of need. WWD water allocated from CVP for non-agricultural use are the last to be curtailed in water shortage situations and can be considered a fairly stable source of water for the proposed Project (WWD 2015). WWD has indicated that the Project, as a solar power project, is eligible for M&I water and has provided a Will Serve Letter, included as Attachment A

Reliability of water supplies used by WWD is dependent on effective management. It is reasonable to assume that the WWD would not use or distribute their allocated water supplies in a manner that would negatively affect the long-term reliability.

4.2 LOCAL GROUNDWATER SUPPLY – WESTSIDE SUBBASIN

During drought years, WWD relies heavily on groundwater resources from the Westside Subbasin. As was shown from historical data of groundwater pumping versus groundwater levels (Table 2), overdraft of groundwater as a result of higher groundwater pumping seems to have no long-term effects on the groundwater basin. In fact, prior to the introduction of CVP water to the region in 1967–1968, average pumping from the basin was approximately 890,000 AFY between 1956 and 1966, and as a result groundwater levels reached an all-time low water level of -156 feet in 1967. Following the introduction of CVP water in 1967, average pumping from the basin dropped to approximately 380,000 AFY for a 10-year period between 1967 to 1978, and groundwater levels recovered 152 feet to a water level of -4 feet in 1978. This trend suggests that any potential overdraft conditions resulting from heavy groundwater pumping are temporary in nature.

Safe yield for the Westside Subbasin is estimated to be approximately 270,000 AFY. The proposed Project requires a total of approximately 300 AF over 16 months for construction activities. If the

construction water were to be equally distributed over two years, this would equate to 0.05 percent of the basin safe yield for each of the two years.

The Westside Subbasin is under the management of WWD. WWD has developed the GSP to manage the basin to ensure that it is sustainable through the next 20 years and beyond. WWD has indicated that the GSP allows groundwater to be used for construction activities. However, due to groundwater pumping limitations imposed by the plan on the subbasin, groundwater cannot be used for ongoing operations and maintenance of the project.

5 SUMMARY AND CONCLUSIONS

This assessment concludes that there is sufficient water supply available from various sources in the Project area to meet Project construction demands and Project operational demands. For short-term construction of the Project, WWD has indicated that they can supply 200 AF, or 2/3 of the 300 AF construction demand from an onsite well. The other 100 AF could be obtained from an on-site WWD M&I meter, per the Will Serve Letter provided as Attachment A.

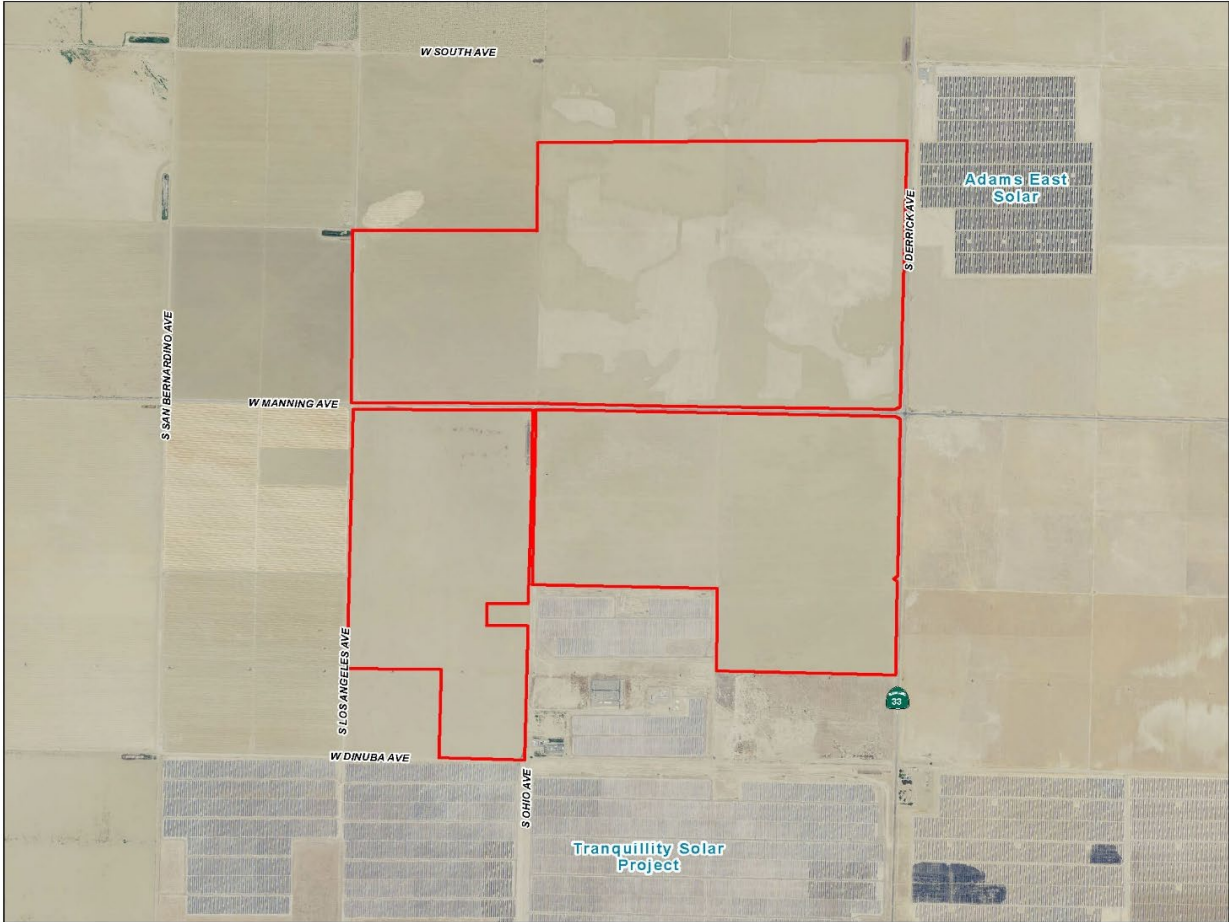
During operation of the Project, the long-term water demands of 3 AFY would be met from WWD through M&I water. During extreme drought, if 3 AF was not available from WWD, cleaning the PV panels could be performed with a dry-cleaning method, or the time between cleanings could be extended.

Based on this assessment, Luna Valley Solar construction and operational water demands can be met over the next 20 years from various sources, including groundwater and WWD. Construction water impacts to the Westside Groundwater Subbasin will be insignificant and will be accounted for in the Groundwater Sustainability Plan, ensuring the subbasin's long term sustainability. Operational water can be obtained from WWD through an M&I meter which is a fairly reliable source of water. In the event M&I water is unavailable due to extreme conditions, operational water needs could be reduced or temporarily eliminated.

6 REFERENCES

- California Energy Commission (CEC). 2007. Final Staff Assessment – Panoche Energy Center. Application for Certification (06-AFC-5), Fresno County. [online]: <http://www.energy.ca.gov/2007publications/CEC-700-2007-011/CEC-700-2007-011-FSA.PDF>. Accessed May 20, 2020.
- Department of Water Resources (DWR). 2006. Bulletin 118 Interim 2016 Update: California's Groundwater. [online]: https://water.ca.gov/Programs/Groundwater-Management/Bulletin-118_. Accessed May 20, 2020.
- Wetlands Water District (WWD). 2017. Water Management Plan. [online]: https://cs.westlandswater.org/resources/resources_files/misc/environmental_docs/010120/water-management-plan-2017.pdf. Accessed May 20, 2020.
- WWD. 2015. Deep Groundwater Conditions Report. December. [online]: <https://wwd.ca.gov/wp-content/uploads/2016/05/2015-deep-groundwater-conditions-report.pdf>. Accessed May 20, 2020.
- WWD GSA & County of Fresno GSA. 2020. Westside Subbasin Groundwater Sustainability Plan. [online]: <https://wwd.ca.gov/water-management/groundwater-management-program/sustainable-groundwater-management-act/>. Accessed October 30, 2020.

FIGURES



PROJECT SITE
FIGURE 1

**ATTACHMENT A:
WESTLANDS WATER DISTRICT WILL SERVE LETTER**



Westlands Water District

3130 N. Fresno Street, P.O. Box 6056, Fresno, California 93703-6056, (559) 224-1523, FAX: (559) 241-6277

November 20, 2020

James Kelly
Clearway Energy Group LLC
5780 Fleet Street, Suite 130
Carlsbad, CA 92008

Subject: Luna Valley Solar I LLC Solar Project

Dear Mr. Kelly,

Westlands Water District (District) has reviewed the operational statement for the proposed solar generation project, Luna Valley Solar I LLC (Project). After reviewing the Project, we have the following comments about the Project:

1. The Project lies within the District boundary. This land does not receive an allocation of water from the District's agricultural water supply. The Project is eligible to receive water through the District's Municipal and Industrial (M&I) supply and the land will continue to have access to the District's distribution system.
2. The District has adopted regulations governing the application for and use of M&I water (Regulations). The Regulations stipulate the quantity of water that will be made available to a water user from the District's Central Valley Project (CVP) contract supply. The District will make available up to five (5) acre-feet per 160 acres of developed solar, annually for operations. A copy of the Regulations is also provided for your information.
3. Clearway must submit an M&I application for consideration in order receive M&I service. Once approved an M&I meter will be installed near the project site, at the applicant's expense.
4. The District, as the owner of the groundwater rights, on the Project site, will authorize up to 200 acre-feet of groundwater pumping annually, during the construction period only.

Thank you for the opportunity to assist in this matter, if you have any additional questions please feel free to contact Juan Pacheco at 559-241-6228.

Sincerely,

Russ Freeman, P.E.
Deputy General Manager of Resources

