Responses to Comments and Errata

1977 Saturn Data Center Project

October 2025

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1.0 INTRODUCTION

These Responses to Comments and Errata have been prepared in accordance with the California Environmental Quality Act (CEQA) as amended (Public Resources Code [PRC] Section 21000 et seq.) and CEQA Guidelines (California Code of Regulations [CCR] Section 15000 et seq.). The Responses to Comments and Errata incorporate, by reference, the Public Review IS/MND (State Clearinghouse No. 2024101397) prepared by the City of Monterey Park (City) for the 1977 Saturn Data Center Project (Project).

The Responses to Comments and Errata present Section 1.0 through Section 4.0:

- Section 1.0: Introduction and CEQA process.
- Section 2.0: A list of persons, organizations, and/or public agencies commenting on the Draft IS/MND.
- Section 3.0: Written responses to each comment identified in Section 2.0.
- Section 4.0: Changes that were made to clarify, correct, or supplement information provided in the Public Review IS/MND.

1.1 CEQA Process

The Notice of Intent (NOI) to adopt an IS/MND was posted on October 31, 2024, with the County Clerk in Los Angeles. The Draft IS/MND was circulated for a 33-day public review until December 2, 2024. The Draft IS/MND was circulated to federal, State, and local agencies and interested parties requesting a copy of the Draft IS/MND. Copies of the Draft IS/MND were made available at the following locations:

- City of Monterey Park Website: http://www.montereypark.ca.gov/1535/Public-Notices
- City of Monterey Park City Hall, Planning Division: 320 West Newmark Avenue, Monterey Park, CA 91754

1.2 Notice of Determination

Pursuant to CEQA Guidelines Section 15094, the City will file a Notice of Determination (NOD) with the Office of Land Use & Climate Innovation and Los Angeles County Clerk within five working days of Project approval.

2.0 COMMENT LETTERS

The City received five comment letters during the public review period. Each comment within the comment letter that requires a response is also assigned a number. For example, the first comment within the comment letter received from Los Angeles County Sanitation District is therefore labeled Comment 1-1 and the responses to each comment are correspondingly numbered, (i.e., Response 1-1). A copy of the comment letter is below. Responses to such comments are provided in Section 3.0.

3.0 RESPONSES TO COMMENTS

Responses to individual comments are included herein.

Letter 1

Los Angeles County Sanitation Districts
1995 Workman Mill Road
Whittier, CA 90601-1400
Received on November 14, 2024

Comment 1-1

The Los Angeles County Sanitation Districts (Districts) received a Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration (MND) for the subject project located in the City of Monterey Park on November 4, 2024. The proposed project is located within the jurisdictional boundaries of District No. 2. Previous comments submitted by the Districts in correspondence dated February 29, 2024 (copy enclosed), still apply to the subject project with the following comments:

Response to Comment 1-1

This comment serves as an introduction to the comment letter and references the previously submitted comments from the Los Angeles County Sanitation District (LACSD) dated February 29, 2024. The previous letter was included in Attachment A of Appendix M-1 of the Public Review Initial Study/Mitigated Negative Declaration (IS/MND). As this comment does not concern any further information addressed or contained in the Public Review IS/MND, no further response is required.

Comment 1-2

Section 4.19 Utilities and Service, page 142 stated that "Any work that may affect services to the existing sewer lines or impacts to LACSD facilities or plant will be coordinated with the City's Public Works Department, Engineering Division." Please use the Geographic Information System (GIS) application at https://www.app.lacsd.org/ugutilities/ to obtain copies of as-built drawings of the District's facilities. When project plans that incorporate our facilities have been prepared, please submit copies to the Engineering Counter at engineeringcounter@lacsd.org for our review and comment.

Response to Comment 1-2

This comment restates information provided in the Public Review IS/MND and provides a link to the LACSD GIS application. The comment is noted for the administrative record, and particularly with respect to the request for submission of Project plans (in the future) that may incorporate LACSD facilities. As this comment does not further affect the analysis and conclusions provided in the Public Review IS/MND, no further response is required.

Comment 1-3

A.K. Warren Water Resource Facility currently processes an average flow of 248.3 million gallons per day.

Response to Comment 1-3

The comment states that the A.K. Warren Water Resource Facility currently processes an average flow of 248.3 million gallons per day (mgd). It should be noted that the commenter's prior letter dated February 29, 2024 and included in Attachment A of Appendix M-1 of the Public Review IS/MND noted that the A.K. Warren Water Resource Facility currently (as of February 29, 2024) has a capacity of 400 mgd and processes an average flow of 237 mgd. The average flow of 237 mgd was utilized in the analysis completed for the Public Review IS/MND, and the Project's estimated wastewater generation of 0.004 mgd (see page 143 of the Public Review IS/MND) would be accommodated by the A.K. Warren Water Resource Facility's available capacity in any case. This comment is noted for the administrative record. As this comment does not further affect the analysis and conclusions provided in the Public Review IS/MND, no further response is required.

Comment 1-4

All other information concerning Districts' facilities and sewerage service contained in the document is current.

Response to Comment 1-4

This comment states that the information provided by the commenter in the Public Review IS/MND is current. As this comment does not provide further information that is not already included in the Public Review IS/MND, no further response is required.

Comment 1-5

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2742, or phorsley@lacsd.org.

Response to Comment 1-5

This comment serves as a conclusion to the comment letter and provides contact information should any questions arise. As this comment does not concern any information addressed or contained in the Public Review IS/MND, no further response is required.

Comment 1-6

The Los Angeles County Sanitation Districts (Districts) received your will serve letter request for the subject project located in the City of Monterey Park on February 26, 2024. The proposed project is located within the jurisdictional boundary of District No. 2. We offer the following comments regarding sewerage service:

1. The wastewater flow originating from the proposed project will discharge to a local sewer line, which is not maintained by the Districts, for conveyance to the Districts' Garfield Avenue Trunk Sewer, located in Wilcox Avenue just south of Pomona Boulevard. The Districts' 12-inch diameter trunk sewer has a capacity of 1.8 million gallons per day (mgd) and conveyed a peak flow of 0.5 mgd when last measured in 2016.

2. The wastewater generated by the proposed project will be treated at the A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) located in the City of Carson, which has a capacity of 400 mgd and currently processes an average flow of 237 mgd.

3. The expected increase in average wastewater flow from the project, described in the application as a 220,000 square-foot data center building, is 3,302 gallons per day, after all structures on the project site are demolished. For a copy of the Districts' average wastewater generation factors, go to www.lacsd.org, under Services, then Wastewater Program and Permits and select Will Serve Program, and click on the Table 1, Loadings for Each Class of Land Use link.

4. The Districts are empowered by the California Health and Safety Code to charge a fee to connect facilities (directly or indirectly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities. This connection fee is used by the Districts for its capital facilities. Payment of a connection fee may be required before this project is permitted to discharge to the Districts' Sewerage System. For more information and a copy of the Connection Fee Information Sheet, go to www.lacsd.org, under Services, then Wastewater (Sewage) and select Rates & Fees. In determining the impact to the Sewerage System and applicable connection fees, the Districts will determine the user category (e.g. Condominium, Single Family Home, etc.) that best represents the actual or anticipated use of the parcel(s) or facilities on the parcel(s) in the development. For more specific information regarding the connection fee application procedure and fees, please contact the Districts' Wastewater Fee Public Counter at (562) 908-4288, extension 2727.

5. In order for the Districts to conform to the requirements of the Federal Clean Air Act (CAA), the capacities of the Districts' wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CAA. All expansions of Districts' facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San

> Bernardino, Riverside, Ventura, and Imperial. The available capacity of the Districts' treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise the applicant that the Districts intend to provide this service up to the levels that are legally permitted and to inform the applicant of the currently existing capacity and any proposed expansion of the Districts' facilities.

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2708 or at shirlywang@lacsd.org.

Response to Comment 1-6

This comment is an attachment of the previously submitted comment from the LACSD referenced in Comment 1-1. The previous letter was included in Attachment A of Appendix M-1 of the Public Review IS/MND. No further response is warranted.

Letter 2

Advocates for the Environment
10211 Sunland Boulevard
Shadow Hills, CA 91040
Received on December 2, 2024

Comment 2-1

Advocates for the Environment submits the comments in this letter regarding the Mitigated Negative Declaration (**MND**) for the 1977 Saturn Data Center Project (**Project**). The Project Site is located near the intersection of Saturn Street and Orange Avenue, in the City of Monterey Park (**City**). The existing uses of the 15.8-acre Project site would be demolished to construct a 218,400-square-foot data center with an equipment yard, 24,000-square-foot substation, parking, and landscaping. The Project includes diesel generators for emergency back-up.

Advocates for the Environment is a public interest law firm and advocacy organization with the mission to educate the public about the law as it pertains to the environment and provide legal services in support of environmental causes. We have reviewed the Mitigated Negative Declaration (MND) released in October 2024 and submit comments regarding the sufficiency of the MND's Greenhouse-Gas (GHG) analysis under the California Environmental Quality Act (**CEQA**).

Response to Comment 2-1

This comment serves as an introduction to the commenter and comment letter. This comment is noted.

Comment 2-2

The City Should Require the Project to be Net-Zero

Given the current regulatory context and technological advancements, a net-zero significance threshold is feasible and extensively supportable. GHG emissions from buildings, including indirect emissions from offsite generation of electricity, direct emissions produced onsite, and from construction with cement and steel, amounted to 21% of global GHG emissions in 2019. (IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change, p. 9-4.) This is a considerable portion of global GHG emissions.

It is much more affordable to construct new building projects to be net-zero than to obtain the same level of GHG reductions by expensively retrofitting older buildings to comply with climate change regulations. Climate damages will keep increasing until we reach net zero GHG emissions, and there is a California state policy requiring the state to be net-zero by 2045. It therefore is economically unsound to construct new buildings that are not net-zero.

Environmental groups have achieved tremendous outcomes by litigation under CEQA. Two of the largest mixed-use development projects in the history of California, Newhall Ranch (now FivePoint Valencia), and Centennial (part of Tejon Ranch) decided to move forward as net-zero communities after losing CEQA lawsuits to environmental groups. The ability for these large projects to become net-zero indicates that it is achievable, even for large-scale developments. The Applicant for this Project should do the same.

We urge the City to adopt net-zero as the GHG significance threshold for this project. This threshold is well-supported by plans for the reduction of GHG emissions in California, and particularly the CARB Climate Change Scoping Plans. The CARB 2017 Scoping Plan states that "achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development." (CARB 2017 Scoping Plan, p. 101.) Additionally, the CARB 2022 Scoping Plan reaffirms the necessity of a net zero target by expressing: "it is clear that California must transition away from fossil fuels to zero-emission technologies with all possible speed … in order to meet our GHG and air quality targets." (CARB 2022 Scoping Plan, p. 184.) CARB further encourages a net-zero threshold in its strategies for local actions in Appendix D to the 2022 Scoping Plan. (CARB 2022 Scoping Plan, Appendix D p. 24-26.)

Moving this Project forward as a net-zero project would not only be the right thing for the City to do, but also would help protect the City and the Applicant from CEQA GHG litigation.

Response to Comment 2-2

The commenter first claims that "a net-zero significance threshold is feasible and extensively supportable" and then references general GHG emissions from buildings as a portion of global GHG emissions. The commenter cites to the IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change as the source of its building emissions statistic. Based on review of the IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change, it should be noted that the document does not specifically state that a "net-zero significance threshold" is feasible. In addition, it should be noted that neither the Nation, State, nor the City has adopted a net-zero GHG threshold, or in fact any applicable quantitative GHG thresholds, for individual development projects in this region. Therefore, the commenter's inference that a net-zero significance threshold should apply to the Project is inaccurate and inapplicable.

Next, the comment claims that it is "much more affordable to construct new buildings to be net-zero than to obtain the same level of GHG reductions by expensively retrofitting older buildings to comply with climate change regulations" and "therefore it is economically unsound to construct new buildings that are not net-zero." The commenter does not provide evidence to

support this economic claim. Also, this comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

The commenter also generically references California's policy to achieve net-zero GHG emissions no later than 2045 (presumably Assembly Bill [AB] 1279). This comment is not regarding the Project specifically and does not focus on the adequacy of the IS/MND. Nonetheless, it should be noted that the IS/MND identifies AB 1279 in relation to the 2022 Scoping Plan and analyzes impacts accordingly where applicable.

The commenter requests that the Applicant for the Project develop it as net-zero and notes that the Newhall Ranch and Centennial master plan projects "decided to move forward as net-zero communities after losing CEQA lawsuits to environmental groups." The comment requesting the Project be net-zero is noted. However, it is also noted that there is no legal requirement for the Project to be net-zero. The Project is an urban infill project and materially different in location and typology than the greenfield projects referenced in the comment. And, this comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Also, regarding the 2022 Scoping Plan, it should be noted that the commenter is likely referring to Section 3.2.2 Net-Zero Threshold of Significance, in Appendix D of the 2022 Scoping Plan. The first sentence of that section states "[*a]bsent consistency with an adequate, geographically specific GHG reduction plan*, as described in Section 2 or consistency with the project attributes approach identified in Table 3 for residential and mixed-use development project types, *lead agencies can* make a significance determination, consistent with Section 4 below, based on whether the project would result in net-zero GHG emissions." (*Emphasis* added). Here, the City has a CEQA-qualified specific GHG reduction plan. Accordingly, even the 2022 Scoping Plan expressly recognizes that a local Lead Agency's climate action plan can be used as an appropriate threshold of significance regardless of whether the 2022 Scoping Plan discusses, and other projects have used, net-zero thresholds in different scenarios.

Moreover, Appendix D of the 2022 CARB Scoping Plan notes that projects that have agreed to net zero GHG emissions such as "…the Newhall and Tejon Ranch projects do not necessarily represent the type of development that California most needs to simultaneously tackle the housing and climate crises…" even if they demonstrate net-zero is feasible for some projects that decide to pursue that approach. Each of those projects represent large new mixed-use communities being developed in a greenfield area. The Project, in contrast, is located on an urban infill location with prior commercial uses, which is a more favorable development site when considering where to locate new development projects.

Next, the comment urges the City to "adopt net-zero as the GHG significance threshold for this project." This comment is noted. And, to confirm for the record, the City as the Lead Agency has not adopted a net-zero significance threshold for the Project, or any other project in the City. Furthermore, the IS/MND clearly states the applicable threshold of significance that applies to the Project.

The IS/MND, in Appendix G, on page 22-23 states the following:

"Addressing GHG emissions generation impacts requires an agency to determine what constitutes a significant impact. The CEQA Guidelines allow lead agencies to determine the thresholds of significance based to the extent possible on scientific and factual data that illustrate the extent of an impact. This means that each agency may determine whether to: (1) quantify greenhouse gas emissions resulting from a project; and/or (2) rely on a qualitative analysis or performance-based standard. CEQA Guidelines Section 15064.4(a) directs that agencies are to use "careful judgment" and "make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" the Project's GHG emissions.

Appendix G of the CEQA Guidelines sets forth two general thresholds that state whether the project would: 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 regulation adopted for the purpose of reducing the emissions of greenhouse gases.

As discussed above, no applicable numeric significance threshold for GHG emissions has been adopted by the State, SCAQMD, or the City that applies to the proposed Project. Further, although State, regional, and local plans and policies have been adopted to help address climate change (see discussions above), no current law or regulation would regulate all aspects of the Project's GHG emissions. In the absence of any adopted numeric threshold, *the City has determined that the significance of the Project's GHG emissions as provided in CEQA Guidelines Section 15064.4(b)(2) will be assessed by determining whether the Project is consistent with applicable plans, policies, regulations adopted for the purpose of reducing the emissions of greenhouse gases.* Therefore, under this analysis, *a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP*. The analysis below describes the extent to which the Project complies with the regulations outlined in the CAP." (*Emphasis* added).

Accordingly, the IS/MND analyzed impacts according to the threshold of significance set by the Lead Agency and found that the Project's GHG impacts were less than significant.

In closing, the commenter states that moving the Project forward as net-zero "would help protect the City and the Applicant from CEQA GHG litigation." This portion of the comment does not

focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 2-3

The MND's Discussion Concerning Cap-and-Trade is Misleading

The MND was misleading of the Project's GHG impact because it incorrectly claimed that the Project's GHG emissions are covered by cap-and-trade. The Project is not subject to cap-and-trade regulations. The City claimed that "GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program" because the program "was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California." (MND, p. 93.) However, this reasoning is flawed. Just because fossil fuels and transportation fuels are accounted for under the cap-and-trade program does not mean that the Project qualifies as a covered entity. There are specific category of entities which are required to comply with the cap-and-trade program, none of which would include this Project.[1] Therefore, the Project's emissions are not covered by cap-and-trade.

CEQA Guidelines section 15064.4, subdivision (b)(3) allows a lead agency to consider a project's compliance with plans for the reduction of GHG emissions to determine the significance of GHG impact. Nonetheless, the lead agency is not supposed to analyze whether the suppliers of the project's electricity comply with the plans, but rather whether the project itself does. Thus, cap-and-trade is irrelevant to determining the Project's GHG significance because the Project is not a covered entity under the cap-and-trade program and it must account for electricity usage just as any other land use development project.

Footnote 1: See Cal. Code Regs. Tit. 17, § 95811.

Response to Comment 2-3

The comment states that "the MND was misleading of the Project's GHG impact because it incorrectly claimed that the Project's GHG emissions are covered by cap-and-trade." That statement is inaccurate and untrue. The IS/MND does not claim that the Project emissions are covered by cap-and-trade. Instead, page 93 of the IS/MND clearly states that "emissions associated with the Project's electricity consumption *occur at power production facilities which are covered entities under the State's Cap-and-Trade regulations*, which limit total GHG emissions by covered sources with decreasing allocations, and are subject to the RPS standard requiring the GHG intensity of electricity production to decrease steadily." (*Emphasis* added). That statement distinguishes between the Project (which is not covered by cap-and-trade) and power production facilities (which are covered by cap-and-trade) that deliver energy to the City. Thus, the comment is incorrect and mischaracterizes the Project.

As noted by the California Legislative Analyst's Office, the cap-and-trade regulation places a "cap" on aggregate GHG emissions from large GHG emitters, such as large industrial facilities, electricity generators and importers, and transportation fuel suppliers.[1] Additionally, the cap-and-trade program takes into account the reductions from other climate policies (Low Carbon Fuel Standard, Advanced Clean Cars, Renewable Portfolio Standard, etc.) that will be achieved during the same time period. These regulations apply to covered entities and ultimately reduce direct emissions from those entities, regardless of individual development projects. Accordingly, it is foreseeable that actual indirect emissions associated with projects that obtain energy from entities subject to regulatory compliance would consume such energy in a manner that reflects the results of regulatory compliance by the energy providers.

Moreover, it should be noted that the IS/MND quantified and disclosed the Project's total emissions in Table 4.8-2: Construction Greenhouse Gas Emissions and Table 4.8-3: Operational Greenhouse Gas Emission Opening Year. It should be noted that the IS/MND did not take quantitative credit for the existing land use (approximately 3,400 $MTCO_2e$ annually) on the Project Site. In addition, it should be noted that the IS/MND, Appendix G: Greenhouse Gas Emissions Analysis Inventory, clearly stated that the Lead Agency did not apply a quantitative GHG threshold to the Project, and the analysis that calculates the amount of GHG emissions from the Project using air quality models was for informational purposes only. Therefore, the determination of significance, in any case, was not tied to a quantitative level of emissions regardless of either the direct emissions of the Project or the independent regulations that apply to covered entities. In other words, the IS/MND did not under any scenario base its applicable threshold of significance, and related impact conclusion, on quantified emissions of the Project.

The comment also states that "[t]he City claimed that "GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program" because the program "was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California." (MND, p. 93.) However, this reasoning is flawed. Just because fossil fuels and transportation fuels are accounted for under the cap-and-trade program does not mean that the Project qualifies as a covered entity." This comment is correct, the Project does not qualify as a covered entity. The IS/MND did not assume the Project was a covered entity under the cap-and-trade program. Neither did the IS/MND rely on any state cap-and-trade regulations to reduce GHG emission impacts as analyzed against the threshold of significance used in the IS/MND. Furthermore, to clarify the discussion, the City has further clarified the narrative on pages 93-94. See Section 4.0: Errata of the Final IS/MND.

Moreover, it is noted that the IS/MND, in Section 4.8 Greenhouse Gas Emissions, Regulatory Setting, identified Federal and State programs that address climate change and are designed to

[1] California Legislative Analyst's Office, Cap-and-Trade Extension: Issues for Legislative Oversight, December 12, 2017, https://lao.ca.gov/Publications/Report/3719. Accessed September 13, 2025.

reduce GHG emissions over time. Several programs including, but not limited to, AB 32, the applicable Scoping Plan, Cap-and-Trade Regulations, Title 20 Appliance Efficiency Regulations, and Title 24 Building Energy Efficiency Standards will continue to reduce GHG emissions in the State as emissions sources comply with applicable regulations. These programs exist and influence Statewide GHG emissions, and references to such programs in the IS/MND are factual and ultimately influence actual emissions from the emission sources.

It is also noted that the IS/MND includes Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates. The Lead Agency did not intend for that table to convey, for a determination of potential impact significance, that compliance with State mandates, such as cap-and-trade, would directly reduce the Project's direct GHG emissions. Accordingly, in response to this comment, and to clarify the administrative record, the Lead Agency has deleted Table 4.8-4 and slightly revised the related narrative to be clear that that total modeled opening-year GHG emissions from the Project are 85,309 $MTCO_2e$. See Section 4.0: Errata of the Final IS/MND. These changes clarify that the IS/MND did not, and is not, applying the cap-and-trade program to offset the GHG emissions of the Project. These clarifications serve to inform the public and decision makers before deciding whether to approve the Project.

Comment 2-4

The GHG Significance Analysis was Inadequate

The MND adopted two significance thresholds based on the CEQA Guidelines Appendix G. Threshold (a) asks whether the Project would "generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment." (MND, p. 83.) Under this threshold, the City considered the Project's estimated operational GHG emissions of approximately 85,309 metric tons of carbon dioxide equivalent (**MTCO2e** *[sic]*) per year less than significant.

Threshold (b) asks whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) The City's conclusion that the Project would have a less than significant GHG impact under this threshold was based on the erroneous assumption that the Project's GHG emissions would be covered under the cap-and-trade program. Further, this significance conclusion is invalid because the MND's conclusion that the Project would be consistent with applicable plans is not supported by substantial evidence.

The City did not support its GHG significance determination with substantial evidence. The City only considered two applicable plans: The City of Monterey Park Climate Action Plan (CAP), and the 2022 Scoping Plan, both of which the Project would conflict with. In particular, none of the CAP provisions pertain to a data center which uses extremely large amounts of electricity. (See MND, pp. 84-89.) The same analysis that the City included to address the Project's compliance

with the CAP would apply even if the Project's electricity were 100 times greater than it currently is, essentially screening out any data center from having significant GHG impact no matter what amount of electricity it uses. The City does not support this analysis by substantial evidence. Further, the City cannot rely on the assumption that GHG emissions will gradually ramp down in accordance with stricter GHG regulations, because the Project's emissions will remain in the five-figure range through 2035. (MND, p. 93, Table 8.4-4.)

Overall, the MND concluded that the Project's GHG emissions would be less than significant. Given the inadequacy of analysis under both thresholds, there is a fair argument for why the Project would have a significant GHG impact. Yet, significance under either of the two thresholds would require a finding of significant impact.

Response to Comment 2-4

This comment claims that the GHG significance analysis was inadequate. As discussed below, this claim is based on several factually inaccurate statements.

First, the comment claims that "[t]he MND *adopted* two significance thresholds based on the CEQA Guidelines Appendix G." (*Emphasis* added). That is not true. The IS/MND recites the inquiries from the CEQA Guidelines regarding whether a project would: generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; and whether a project would conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases. However, as discussed above, the Lead Agency clearly stated that: "[t]herefore, under this analysis, a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP." See IS/MND, Appendix G, Section 5.0: Significance Criteria and Methodology, Section 5.1 Threshold of Significance Criteria. This threshold and the related analysis are carried forward in the IS/MND greenhouse gas emissions section. Therefore, it is inaccurate for the comment to claim that the IS/MND adopted any other significance threshold for the analysis of GHG impacts.

Second, the comment states that "under this threshold, the City considered the Project's estimated operational GHG emissions of approximately 85,309 metric tons of carbon dioxide equivalent (MTCO2e [sic]) per year less than significant." That statement is also inaccurate. The IS/MND did not base its determination of significance on the amount of GHG emissions. Instead, as is permissible, the Lead Agency exercised its discretion to use a geographically specific greenhouse gas emissions reduction plan (i.e., the City's CAP] as its pathway to demonstrate compliance; and in addition disclosed the 85,309 metric tons of total GHG emissions associated with the Project for informational purposes, as repeatedly stated in the IS/MND and Appendix G. Moreover, there is not an adopted existing numerical threshold of significance for GHG emissions from the applicable air quality management district for this type of project. Therefore, the less

than significant conclusion was not based on the quantitative amount of GHG emissions as implied by the comment.

Third, the comment claims that "[t]he City's conclusion that the Project would have a less than significant GHG impact under this threshold was based on the erroneous assumption that the Project's GHG emissions would be covered under the cap-and-trade program." As described above in Response to Comment No. 2-3, the IS/MND did not assert that the GHG emissions of the Project would be covered under the cap-and-trade program; and in any case, did not base its significance conclusion on any quantitative threshold or the applicability, or lack thereof, of any State-mandated programs. Thus, this comment is inaccurate. As a related matter, the IS/MND GHG analysis was supported by specific land use assumptions for the proposed land use, qualitative and quantitative impact analysis, and a GHG technical report that analyzed the City's CAP and modeled potential GHG emissions, which collectively provide evidentiary support for the IS/MND conclusions.

Fourth, the comment states "[t]he City only considered two applicable plans: The City of Monterey Park Climate Action Plan (CAP), and the 2022 Scoping Plan, both of which the Project would conflict with" and that "none of the CAP provisions pertain to a data center which uses extremely large amounts of electricity." As noted above, the City, as the Lead Agency, has the discretion to analyze the Project according to it compliance with the CAP for projects within the City. The CAP was adopted at the time of the IS/MND analysis, is still the currently applicable legal document, and thereby is an appropriate GHG reduction plan for purposes of CEQA analysis. It should be noted that page 268 of the 2022 Scoping Plan states that when jurisdictions have a CAP, an individual project that complies with the strategies and actions within that CAP can streamline its project-specific GHG impact analysis to make a significance determination. Accordingly, for several of the reasons stated herein, the City considered compliance with its CAP as the threshold of significance for the Project's impact analysis, and in doing so did not screen out the Project from GHG analysis, as inferred by the comment.

Fifth, the comment states that " . . . the City cannot rely on the assumption that GHG emissions will gradually ramp down in accordance with stricter GHG regulations, because the Project's emissions will remain in the five-figure range through 2035." This comment is noted and the IS/MND has been clarified as discussed in Response to Comment 2-3 above. In sum, the Project would emit approximately 85,258 $MTCO_2e$ in its opening year, and even though State mandates may reduce indirect sources of GHG emissions in future years, the Lead Agency has calculated and disclosed the maximum amount of annual GHG emissions (i.e., 85,258 $MTCO_2e$ without considering the existing commercial use onsite) that would be attributable to the Project using applicable air quality models. Therefore, based on the clarifications to the IS/MND discussed herein, the whole of the administrative record, and the fact that the threshold of significance for the Project is qualitative plan-consistency compliance with the CAP instead of a specific

quantitative threshold, the City has not relied on any assumption of GHG emissions ramp down to inform its decision making for the Project.

Comment 2-5

Consistency with Identified Applicable Plans

The MND's analysis was insufficient to determine that the Project would be consistent with applicable plans. The Project would be inconsistent with both the CAP and the 2022 Scoping Plan.

First, to provide a basis for its less-than-significant determination. the City concluded that the Project would not conflict with the CAP. However, the City did not provide substantial evidence for this determination. First, GHG policy has changed significantly in the last decade, rendering the 2012 CAP outdated.

But even assuming that that the CAP is an applicable plan, the City did not adequately demonstrate that the Project would not conflict with it. For example, the City claimed that several measures were inapplicable municipal measures that are "not Project specific" to justify circumventing certain CAP measures. In particular, the City failed to provide a consistency analysis for Land Use Measure 1 (Mixed Use Development), Land Use Measure 2 (Service Nodes), Transportation Measure 1.2 (Promote Use of Transit Network), and Transportation Measure 2.2 (Increase Walking and Biking), each stating the following assumption: "This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable." (MND, pp. 84–89.)

Even though the CAP as a guiding policy document describes initiatives intended for the City to carry out, the Project could still be in conflict with those measures even if the lead agency is not responsible for achieving particular objectives on a project-level. For instance, the Project's construction or operations could potentially make it more difficult or counteract the City's objectives to achieve the CAP goals. The Project conflicts with Land Use Measure 1—which suggests that Monterey Park achieve a Vehicle Miles Travelled (**VMT**) reduction target by facilitating new mixed-use development near existing and planned transit corridors—because the Project would utilize space and resources for a new industrial development which is not a mixed-use development near a transit corridor and would actively increase VMT, counteracting the City's efforts under Land Use Measure 1. The City has not adequately demonstrated that the Project would comply with the CAP as it claims.

Response to Comment 2-5

The comment claims that "[t]he MND's analysis was insufficient to determine that the Project would be consistent with applicable plans." The comment asserts the following points, which are inaccurate.

First, the comment states that ". . . . GHG policy has changed significantly in the last decade, rendering the 2012 CAP outdated." The IS/MND is permitted by law to rely on plans in effect at the time of publication. The City's CAP was in effect at publication of the IS/MND and remains in effect now. Thus, the City's CAP is legally applicable to the IS/MND analysis.

Second, the comment claims that the City did not adequately demonstrate that the Project would not conflict with the CAP and list several measures in the CAP as examples. It should be noted that Table 4.8-1: City of Monterey Park Climate Action Plan Consistency in the IS/MND includes every measure contained in the City's CAP. The comment further states that " . . . the City claimed that several measures were inapplicable municipal measures that are "not Project specific" to justify circumventing certain CAP measures." It is true that several measures in the CAP do not apply to the Project because, as stated in the CAP, it is a GHG reduction strategy document to assist the City in achieving community-wide reductions and is based on sectors instead of individual projects. It follows that not all CAP measures may apply to all projects, as is the case with the Project.

Nonetheless, in response to this comment, the following supplemental information is provided in response to specific measures questioned by the comment.

First, the comment stated that the City failed to provide a consistency analysis for Land Use Measure 1 (Mixed Use Development). That statement is false. Table 4.8-1: City of Monterey Park Climate Action Plan Consistency includes Land Use Measure 1, determines it not applicable, but also explains how the Project complies with the measure in any case, by stating that "[i]t should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and [*sic*] existing infill site instead of developing undeveloped land." Thus, the IS/MND did facially analyze Land Use Measure 1.

To supplement that response, it should be noted that Land Use Measure 1 is intended to reduce VMT, and thereby GHG emissions associated with modes of transportation used to move within the City. As explained in the Appendix K: Transportation Analysis and Vehicle Miles Traveled Screening Memorandum, the Project would have only 26 employees, which equates to 52 daily vehicle trips. Per the City's Transportation Study Guidelines for Vehicle Miles Travelled and Level of Service Assessment, any project type with less than 110 daily vehicle trips are presumed to have a less than significant impact on VMT. The 52 daily vehicle trips are less than half of the screening criteria and is clearly consistent with the City's goal to reduce VMT, which is the essence of Land Use Measure 1. Moreover, Appendix K also explains that the Project Site contains an existing 205,628 square foot commercial office building that is part of the baseline conditions. According to the Institute of Transportation Engineers (ITE) Trip Generation Manual, the existing use on the Project Site could generate 2,229 daily vehicle trips. Thus, the existing land use on the Project Site could generate 41 times the daily vehicle trips and have far greater impacts on VMT and related VMT/GHG emissions than the Project. It should be noted that the IS/MND

conservatively did not take quantitative credit for the net GHG emissions reductions that result from comparing the existing use to the proposed use. In any case, it is clear that, even if Land Use Measure 1 did apply (which it does not) the development of the Project on the infill Project Site is consistent with the goal of reducing overall VMT in the City by incentivizing low VMT land uses.

Second, the comment stated that the City failed to provide Land Use Measure 2 (Service Nodes). That comment is similarly inaccurate, and for the same reasons explained above (i.e., reduction of VMT and infill development) the IS/MND stated that, even though the measure is inapplicable, "[i]t should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and [*sic*] existing infill site instead of developing undeveloped land." Further, to supplement that response, it should also be noted that the CAP states that the party responsible for implementing Land Use Measure 2 is the City's Community Development Department, not project applicants. Also, it should be noted that an element of Land Use Measure 2 is for the City to provide more opportunities for walking and biking to certain service nodes. Here, the Project would improve the walkability (and overall pedestrian realm) around the Project Site by improving the sidewalks along Saturn Street and Orange Avenue, which link together the existing residential community and the employment centers located in the Saturn Park area. Therefore, even if Land Use Measure 2 did apply (which it does not) the development of the Project is consistent with the goal of providing more opportunities for walking and biking between residential populations and employment centers.

Third, the comment stated that the City failed to provide Transportation Measure 1.2 (Promote Use of Transit Network) and Transportation Measure 2.2 (Increase Walking and Biking). That comment is similarly inaccurate. Table 4.8-1: City of Monterey Park Climate Action Plan Consistency includes Transportation Measure 1.2, determines it not applicable, but also explains how the Project complies with the measure in any case, by stating that "[i]t should be noted that the Project is a low VMT generator and would be compatible with any program the City develops to increase awareness of regional transit options, which the employees of the Project may use." Thus, the IS/MND did facially analyze Transportation Measure 1.2. In addition, to supplement the analysis of Transportation Measure 1.2, it should be noted that the CAP states that the party response for implementing such measure is the City's Community Development Department, not project applicants.

Similarly, regarding Transportation Measure 2.2, it should be noted that the essence of Transportation Measure 2.2 is to facilitate walking and biking. The Project would improve the walkability of the area by improving existing, and creating new, sidewalks along the Project Site frontages. In addition, as part of the community benefits program associated with the development agreement for the Project, the applicant would extend the existing SCE trail from La Loma Park, along Orange Avenue, and to a new public park located at the intersection of Orange Avenue and Saturn Street, adjacent to the Project Site. This would encourage more

walking and biking in the neighborhood and facilitate alternative modes of transit for any employees of the Project that may reside in the surrounding community. Moreover, in response to this comment, the Applicant has added a project design feature to the Project plans that would incorporate end-of-trip facilities (such as a restroom with shower and changing area) that can encourage more non-automotive travel to the Project Site. Therefore, even if Transportation Measure 2.2 did fully apply (which it does not) the development of the Project is consistent with the goal of increasing walking and biking.

It follows that, overall, the City has adequately demonstrated how the Project would comply with the applicable measures in the CAP.

Comment 2-6

Second, although the City claimed that the Project would not "impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan," the MND did not adequately address any of the 2022 Scoping Plan's goals within the context of the Project. (MND, pp. 89–90.) The 2022 Scoping Plan sets goals for 50% of all industrial energy demand to be electrified and statewide emissions be reduced to 85% below 1990 levels, both to be achieved before 2045 (2022 CARB Scoping Plan, p. 77). The 2022 CARB Scoping Plan also places particular emphasis on decarbonizing industrial facilities by "displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions" (2022 CARB Scoping Plan, p. 208). The Project is inconsistent with these goals because the facilities, including the energy used by the data center and substation would create an additional large source of emissions from non-renewable sources, contrary to the statewide electrification and decarbonization contemplated by the 2022 Scoping Plan.

And the Project's use of diesel-powered backup generators, which are projected to produce 2,062 MTCO2e *[sic]* per year indefinitely (MND, p. 92) is inconsistent with the 2022 Scoping Plan's goal of achieving carbon neutrality by 2045.

Response to Comment 2-6

The comment claims that the Project is inconsistent with certain goals of the 2022 Scoping Plan because " . . . the energy used by the data center and substation would create an additional large source of emissions from non-renewable sources, contrary to the statewide electrification and decarbonization contemplated by the 2022 Scoping Plan." This comment is inaccurate based on the following.

The comment references the 2022 CARB Scoping Plan goals for "50% of all industrial energy demand to be electrified and statewide emissions be reduced to 85% below 1990 levels, both to be achieved before 2045 (2022 CARB Scoping Plan, p. 77)." This language does not appear on

page 77 of the 2022 Scoping Plan, and thus hinders a reasoned response. Nonetheless, if the comment is generally referring to electrification goals for industry uses, see the response below, which explains how the Project is electrified for onsite operational activities.

Specifically, the Project would be consistent with this apparent goal (stated by the comment) because the Project would not use natural gas (see IS/MND page 14), and all of the Project's energy emission occur from electricity to power the data center. That electricity would be delivered by Southern California Edison (SCE), which has a mix of electricity produced by renewable energy sources as part of the utility's obligation to comply with the Renewable Portfolio Standard (RPS) in this region. Therefore, the Project is consistent with electrification goals.

Next, the comment also cites the 2022 CARB Scoping Plan statement that decarbonizing industrial facilities depends on "displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions. (2022 CARB Scoping Plan, p. 208)." It should be noted that that statement is on page 207 (not 208) of the 2022 CARB Scoping Plan. As stated therein, "California industry includes a diverse range of facilities, including cement plants, refineries, glass manufacturers, oil and gas producers, paper manufacturers, mining operations, metal processors, and food processors." Note that these types of industries are different than a high-technology data center, and typically have more onsite industrial processes that require onsite fossil fuel consumption and direct GHG emissions. Thus, the Project is distinguished from the listed industry uses because its daily operations are electrified. Hence, the Project is consistent with the aforementioned 2022 CARB Scoping Plan goal because it does not include natural gas, or other fossil fuels, to power daily operations, which thereby facilitates Statewide decarbonization goals.

Last, the comment states that "the Project's use of diesel-powered backup generators, which are projected to produce 2,062 MTCO2e [*sic*] per year indefinitely (MND, p. 92) is inconsistent with the 2022 Scoping Plan's goal of achieving carbon neutrality by 2045." That comment is not supported by evidence and the 2022 Scoping Plan does not appear to address emergency generators directly. As a basic matter, the IS/MND does not state that the generators will produce emissions "indefinitely." That is a misstatement by the comment. Moreover, the IS/MND modeled generator emissions to disclose potential impacts even though backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. It should also be noted that emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions. The comment infers that backup generators are

inconsistent with the 2022 Scoping Plan, but does not offer substantial evidence. The 2022 Scoping Plan does not prohibit backup generators. Accordingly, the comment mischaracterized the inclusion of emergency generators on a project as inconsistent with State carbon neutrality goals at the macro industry level.

Comment 2-7

The MND Should Have Also Analyzed Other Applicable Plans

The City chose, as its second GHG threshold, whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) This language requires that the MND analyze the Project's consistency with all other applicable plans, not just the plans that the City prefers to analyze.

The Project must show consistency with long-term State GHG goals for the entirety of the Project's anticipated lifespan to comply with CEQA. In particular, the MND must also demonstrate consistency with Senate Bill 32, which requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030, and Executive Order B-55-18 (**EO B-55-18**) which requires the State of California to achieve carbon neutrality—net zero GHG emissions—by 2045.

The Project is inconsistent with both because it does not prohibit the use of gasoline, diesel, and natural gas, and burning such non-renewable fuels results in substantial GHG emissions. Further, the data center would use an immense amount of electricity, which generates high quantities of GHGs, preventing the Project from ever achieving carbon neutrality without offsets or a 100% clean energy source.

Response to Comment 2-7

The comment incorrectly states that "[t]he City chose, as its second GHG threshold, whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) This language requires that the MND analyze the Project's consistency with *all* other applicable plans, not just the plans that the City prefers to analyze." (*Emphasis* added). That statement is factually and legally incorrect.

Factually, see Response to Comment 2-2, which explains the applicable threshold of significance that the Lead Agency used in the IS/MND. To summarize, that response provides that, "in the absence of any adopted numeric threshold, the City has determined that the significance of the Project's GHG emissions as provided in CEQA Guidelines Section 15064.4(b)(2) will be assessed by determining whether the Project is consistent with applicable plans, policies, regulations adopted for the purpose of reducing the emissions of greenhouse gases. *Therefore, under this analysis, a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP*. The analysis below describes the extent to which the Project

complies with the regulations outlined in the CAP." (*Emphasis* added). Therefore, the City exercised its discretion to analyze GHG impacts using the City's CAP for consistency analysis. Hence, the comment is factually incorrect that the IS/MND must use all other plans to determine a significance conclusion.

Legally, the CEQA Guidelines grant agencies discretion to determine, in the context of a particular project, whether to quantify GHG emissions resulting from a project or rely on a qualitative analysis (CEQA Guidelines Section 15064.4). Here, the IS/MND used the qualitative analysis of consistency with the City's CAP to inform the impact analysis, which is permissible. In addition, the Lead Agency may employ a methodology in which an agency evaluates the significance of a project's GHG impact by looking to compliance with regulatory programs designed to reduce GHG emissions, and such compliance may, provide sufficient evidence that the project will have no significant adverse effect on the environment. Furthermore, it should be noted that the CEQA Guidelines allow lead agencies to decide what threshold of significance it will apply to a project. Therefore, the City properly exercised its discretion in the IS/MND to select the applicable threshold for GHG analysis.

The comment also states that "[t]he Project is inconsistent with both because it does not prohibit the use of gasoline, diesel, and natural gas, and burning such non-renewable fuels results in substantial GHG emissions. Further, the data center would use an immense amount of electricity, which generates high quantities of GHGs, preventing the Project from ever achieving carbon neutrality without offsets or a 100% clean energy source." This comment is largely inapplicable to the Project and misconstrues the IS/MND.

From a general perspective, neither the applicable thresholds nor other applicable programs prohibit gasoline, diesel, and natural gas, and burning of non-renewable fuels. More importantly, the Project operations are mostly electrified and do not rely on gasoline, diesel, or natural gas for daily operations. Thus, the comment is generally inapplicable to Project operations. Moreover, it should be noted that, even for mobile sources, the Project would have minimal vehicle trips and the associated transportation GHG emissions would be minimal for this infill location. In addition, it should be noted that diesel emissions would only occur from limited use of the emergency backup generators, which are analyzed in the IS/MND. Additionally, the Project would not use natural gas (see IS/MND page 14). Finally, it should be noted that there is not a legally applicable requirement for the Project to achieve carbon neutrality or purchase offsets or use a 100 percent clean energy source, as implied by the comment. As explained in the IS/MND, the utility company SCE would provide electricity to the Project and that electricity supply is comprised of clean energy sources pursuant to SCE's RPS requirements.

Comment 2-8

Additionally, the City should have demonstrated consistency with the 2017 Scoping Plan, which was developed to facilitate California's compliance with SB 32 and requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030. (Health & Safety Code § 38566.) The MND did not discuss how the Project is consistent with any of the goals, including the 2050 goal of 80% below 1990 levels. The 2017 Scoping Plan also sets out statewide goals for total GHG emissions targets of 6 MTCO2e/capita *[sic]* by 2030, and 2 MTCO2e/capita *[sic]* by 2050 (CARB Scoping Plan, p. 99).

With the Project's net operational GHG emissions at 85,309 MTCO2e *[sic]* annually, the Project's per-service population GHG emissions would be over 3,000 MTCO2e *[sic]*, nowhere near the 2030 target, let alone the 2050 target.[2] Thus, the Project's GHG impact is significant under the second threshold because it is inconsistent with applicable plans for the reduction of GHGs.

Footnote 2: 85,309 *MTCO2e* ÷ 26 e*mployees* = 3,281.1 *MTCO2e/service population [sic]*

Employee data obtained from the Population and Housing section of the MND. (MND, p. 127).

Response to Comment 2-8

The comment claims that "the City should have demonstrated consistency with the 2017 Scoping Plan." This comment is noted. However, the 2022 Scoping Plan updated all prior scoping plans. The 2022 Scoping Plan states that it is the third update to the original scoping plan adopted in 2008, and accordingly, it has carried forward and updated the scoping plans from 2008, 2013, and 2017. Therefore, the comment is incorrect that the City was required to analyze the 2017 Scoping Plan. Moreover, as noted in Response to Comment 2-2 above, the City as the Lead Agency exercised its discretion to utilize compliance with its CEQA-qualified climate action plan as the threshold of significance for analysis of the Project.

The comment also mentions the 2017 Scoping Plan's goal of 6 $MTCO_2e$ per capita by 2030. However, it should be noted that the 2022 Scoping Plan is the most recent plan and does not include a per capita target or threshold of significance for individual projects. In addition, compliance with the 2017 Scoping Plan is not the applicable threshold of significance in the IS/MND in any case. Generally, it should be noted that Statewide per capita emissions are used as a metric to evaluate Statewide emissions and are not intended for specific projects. Therefore, the comment incorrectly applies the 2017 Scoping Plan's 6 $MTCO_2e$ Statewide metric to the Project as a threshold. A project level per capita emissions threshold has not been established by CARB. Furthermore, the Statewide GHG per capita goal is also an inappropriate comparison because it based service population on California residents and employees. Additionally, even if it did apply, which it does not, it would be erroneous to compare a State-level service population target to an individual development project threshold. Since it is unknown the precise number of people that would be served by the Project annually, it would be speculative to calculate the emissions per capita (service population) without factoring in the number of end users.

Therefore, the commenter's calculation and reasoning above is based on inaccurate assumptions and an inapplicable threshold of significance.

Comment 2-9

The City Should Have Required an EIR

No mitigation measures were considered for GHGs due to the erroneous determination of less-than-significant impact. If the City had used appropriate significant thresholds and accurate analysis, it would have concluded that the Project's GHG emissions are significant. Inconsistency with applicable plans for the reduction of GHG emissions supports a fair argument that the Project would have a significant environmental effect. Therefore, the City was mistaken in its choice to create an MND for a Project that would likely create such a considerable GHG impact and the City should have prepared an EIR and mitigate to the extent required by CEQA.

It is feasible to reduce the GHG emissions from the Project's electricity usage by opting into Southern California Edison's clean power option. The Project intends to utilize SCE's default energy mix which would include 33.2 percent of the electricity to be derived from renewable sources. Yet, there is nothing preventing the City from opting into the SCE's Green Rate Program which can allow the Project to purchase solar power for up to 100% of its energy usage.[3]

Footnote 3: See https://www.sce.com/sites/default/files/custom-files/PDF_Files/Green_Rate_Business_Factsheet_2023.pdf

Response to Comment 2-9

Refer to Response to Comment 2-2 and Response to Comment 2-3 regarding the GHG thresholds. Also refer to Response to Comment 2-5 and Response to Comment 2-6 regarding consistency with applicable GHG reduction plans. The IS/MND analysis and the responses above demonstrate with substantial evidence that the Project's GHG emissions would not be significant and that the Project would not conflict with the applicable GHG reduction plans. None of the comments above identify any new significant environmental issues or impacts that were not already addressed in the IS/MND. Neither these comments nor the responses constitute new information requiring recirculation of the IS/MND or preparation of an EIR.

The comment also states that " . . . there is nothing preventing the City from opting into the SCE's Green Rate Program which can allow the Project to purchase solar power for up to 100% of its energy usage." The comment is general in nature and noted.

Comment 2-10

Conclusion

For the reasons given in this letter, the MND is not in conformance with CEQA requirements. Notably, the GHG significance analysis was inadequate, and the City should have concluded that

the Project would contribute to a significant GHG impact. The MND fails as an informational document and is misleading to decision-makers and the public.

Please put Advocates for the Environment on the interest list to receive updates about the progress of this Project. We make this request under Public Resources Code, section 21092.2.

Response to Comment 2-10

The comment provides concluding remarks and does not raise new issues. The Lead Agency will add Advocates to the interested parties list.

Letter 3

Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 1000
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Received December 2, 2024

Comment 3-1

We are writing on behalf of Coalition for Responsible Equitable Economic Development Los Angeles ("CREED LA") to provide comments on the Initial Study / Mitigated Negative Declaration ("MND") prepared by the City of Monterey Park ("City") for the 1977 Saturn Data Center Project (SCH No. 2024101397) ("Project") proposed by SDCF Monterey Park, LLC ("Applicant").[1]

The Project proposes to construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping.[2] An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include twelve four megawatts ("MW") back-up diesel generators to provide power in the event of an emergency. The Project would also include a 24,000-square-foot electrical substation. Project construction is anticipated to last approximately 24 months. The Project is proposed to be located at 1977 Saturn Street (APN No. 5265-026-054) in the City of Monterey Park, in Los Angeles County, California. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027. These comments were prepared with the assistance of air quality, health risk, and GHG expert Dr. James Clark, Ph.D. and noise and vibration expert Ms. Deborah Jue. Comments and curriculum vitae of Dr. Clark are attached to this letter as Exhibit A.[3] Ms. Jue's comments and curriculum vitae are included as Exhibit B.[4] Exhibit A and B are fully incorporated herein and submitted to the City herewith. We reserve the right to supplement these comments at a later date and at any future proceedings related to this Project.[5]

Footnote 1: City of Monterey Park, Public Review Draft Initial Study/Mitigated Negative Declaration, 1977 Saturn Data Center Project (Oct. 2024) (hereinafter "MND").

Footnote 2: MND, p. 5.

Footnote 3: **Exhibit A**: Letter from James Clark to Adams Broadwell Joseph & Cardozo, Comment Letter on Initial Study/Mitigated Negative Declaration (IS/MND) For 1977 Saturn Data Center Project, City of Monterey Park, CA. (Dec. 2, 2024) ("**Clark Comments**").

Footnote 4: **Exhibit B**: Letter from Deborah Jue to Adams Broadwell Joseph & Cardozo, 1977 Saturn Data Center Project Mitigated Negative Declaration, Comments on the Noise and Vibration Analysis (Nov. 27, 2024) ("**Jue Comments**").

Footnote 5: Gov. Code § 65009(b); PRC § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* ("*Bakersfield*") (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist.* (1997) 60 Cal. App. 4th 1109, 1121.

Response to Comment 3-1

This comment is an introduction to CREED LA, represented by Adams Broadwell Joseph & Cardozo, and also contains a summary of the Project as described in **Section 2.0: Project Description** of the Public Review Draft Initial Study/Mitigated Negative Declaration (IS/MND). This comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required. It should be noted that this comment refers to letters prepared by James Clark, from Clark & Associates, (Clark Letter) and Deborah Jue, from Wilson Ihrig, (Jue Letter), which were attachments to the CREED LA comment letter. Detailed responses to the Clark Letter and Jue Letter are provided in Response to Comments 3-21 to 3-37, respectively below.

Comment 3-2

I. STATEMENT OF INTEREST

CREED LA is an unincorporated association of individuals and labor organizations that may be adversely affected by the potential public and worker health and safety hazards, and the environmental and public service impacts of the Project. The coalition includes the Sheet Metal Workers Local 105, International Brotherhood of Electrical Workers Local 11, Southern California Pipe Trades District Council 16, and District Council of Iron Workers of the State of California, along with their members, their families, and other individuals who live and work in the City of Monterey Park. Accordingly, they would be directly affected by the Project's environmental and health and safety impacts.

Individual members of CREED LA and its member organizations include Monterey Park residents Matthew Ortiz, Jesse Estrada and Kristian Garcia. Individual members may also work on the Project itself. They would be first in line to be exposed to any health and safety hazards that exist onsite.

CREED LA seeks to ensure a sustainable construction industry over the long-term by supporting projects that have positive impacts for the community, and which minimize adverse environmental and public health impacts. CREED LA has an interest in enforcing environmental laws that encourage sustainable development and ensure a safe working environment for its members. Environmentally detrimental projects can jeopardize future jobs by making it more difficult and more expensive for business and industry to expand in the region, and by making the area less desirable for new businesses and new residents. Indeed, continued environmental degradation can, and has, caused construction moratoriums and other restrictions on growth that, in turn, reduce future employment opportunities.

Response to Comment 3-2

This comment generally introduces CREED LA as an unincorporated association of individuals and claims that members of CREED LA, living in the City, could be affected by the Project's environmental impacts. The comment does not provide evidence that members of CREED LA live in the City. Nor does this comment substantiate how CREED LA members potentially working on the Project (which is speculative) could be exposed to impacts. Next, the comment generally sets forth CREED LA's mission regarding the construction industry, which does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 3-3

II. LEGAL BACKGROUND

CEQA requires that lead agencies analyze any project with potentially significant environmental impacts in an EIR, except in limited circumstances.[6] The purpose of an EIR "is to inform the public and its responsible officials of the environmental consequences of their decisions *before* they are made. Thus, the EIR protects not only the environment, but also informed self-government."[7] The EIR has been described as "an environmental 'alarm bell' whose purpose is to alert the public and its responsible official to environmental changes before they have reached ecological points of no return."[8]

A negative declaration may be prepared instead of an EIR when, after preparing an initial study, a lead agency determines that a project "would not have a significant effect on the environment."[9] Courts have held that if "no EIR has been prepared for a nonexempt project, but substantial evidence in the record supports a fair argument that the project may result in significant adverse impacts, the proper remedy is to order preparation of an EIR."[10]

The presumption in favor of preparing an EIR, rather than a negative declaration, is reflected in the "fair argument" standard. Under that standard, the lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[11] The fair argument standard creates a "low threshold" of favoring environmental review through an EIR, rather than through a negative declaration.

"Substantial evidence" required to support a fair argument is defined as "enough relevant information and reasonable inferences from this information that a fair argument can be made to support a conclusion, even though other conclusions might also be reached."[12] "[I]n marginal cases where it is not clear whether there is substantial evidence that a project may have a significant effect on the environment, the lead agency shall be guided by the following principle: If there is disagreement among expert opinion supported by facts over the significance of an

effect on the environment, the Lead Agency shall treat the effect as significant and shall prepare an EIR."[13]

With respect to this Project, the MND fails to satisfy the basic purposes of CEQA. The MND fails to adequately disclose, investigate, and analyze the Project's potentially significant impacts, and fails to provide substantial evidence to conclude that impacts will be mitigated to a less than significant level. Because the MND lacks basic information regarding the Project's potentially significant impacts, the MND's conclusion that the Project will have a less than significant impact on the environment is unsupported.[14] The City failed to gather the relevant data to support its finding of no significant impacts, and substantial evidence shows that the Project may result in potentially significant impacts. As detailed herein and in the attached expert comments, substantial evidence supports a fair argument that the Project may result in significant and unmitigated impacts to air quality, public health, greenhouse gases, and from noise. The City must prepare an EIR that analyzes, discloses, and mitigates these impacts and which considers less environmentally damaging alternatives.

Footnote 6: Pub. Resources Code, § 21000; CEQA Guidelines, § 15002.

Footnote 7: *Citizens of Goleta Valley v. Bd. of Supervisors* (1990) 52 Cal.3d 553, 564 (internal citations omitted).

Footnote 8: *County of Inyo v. Yorty* (1973) 32 Cal.App.3d 795, 810.

Footnote 9: *Quail Botanical Gardens v. City of Encinitas* (1994) 29 Cal.App.4th 1597; Pub. Resources Code, § 21080(c).

Footnote 10: *Communities for a Better Environment v. South Coast Air Quality Management Dist.* (2010) 48 Cal.4th 310, 319-320.

Footnote 11: Pub. Resources Code, §§ 21080(d), 21082.2(d); CEQA Guidelines, §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of Stanislaus* (1995) 33 Cal.App.4th 144, 1501-51; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.Appl.4th 1597, 1601-1602.

Footnote 12: CEQA Guidelines, § 15384(a).

Footnote 13: CEQA Guidelines, § 15064(g).

Footnote 14: Pub. Resources Code, § 21064.5.

Response to Comment 3-3

This comment first describes various levels of CEQA review available under the law including negative declarations and environmental impact reports. That portion of the comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

With respect to this Project, the comment generally claims that the IS/MND fails to satisfy the basic purposes of CEQA and fails to provide substantial evidence, and then generally refers to issues identified in the remainder of the comment letter. Responses to the specific claims in this comment are provided below in Response to Comments 3-4 through 3-37. The comment is incorrect regarding its substantial evidence claim. It should also be noted that the IS/MND contains over 5,000 pages of impact analysis and analytical technical reports, including but not limited to, an air quality report, health risk assessment, tree evaluation, cultural resources assessment, energy evaluation, geotechnical investigation, greenhouse gas emissions report, environmental site assessment report, water resources technical report, noise and vibration report, transportation report, tribal consultation documentation, water and sewer infrastructure report, and a water efficiency report. Together, these reports and the supplemental information provided in response to public comments on the IS/MND provide substantial evidence to support the conclusions of the CEQA document.

Moreover, it should be noted that the commenter (the Adams Broadwell Joseph & Cardozo law firm on behalf of CREED LA) has withdrawn its comments and supports the Project. Specifically, on August 12, 2025, the law firm submitted a letter to the City stating in part that " . . . CREED LA's objections to the Project, and concerns regarding the MND are fully resolved, and we respectfully request that the City adopt the MND, approve the Project, and conclude the administrative review process as soon as possible." Similarly, on August 13, 2025, CREED LA submitted a letter to the City that memorialized CREED LA's strong support for the Project and applauding the applicant for creating a high-technology project in an environmentally sensitive manner. CREED LA requested that the City approve the Project at its earliest convenience. These comments are noted for the record.

Acknowledging the support from CREED LA, and the retraction by its law firm, the reasoned responses to comments below are nonetheless provided in good faith to supplement the administrative record for the IS/MND.

Comment 3-4

III. THE MND FAILS TO PROVIDE AN ADEQUATE DESCRIPTION OF THE ENVIRONMENTAL SETTING

The MND fails to adequately describe the environmental setting against which the Project's environmental impacts are to be measured for several critical aspects of the Project. This contravenes the fundamental purpose of the environmental review process, which is to determine whether there is a potentially substantial, adverse change compared to the existing setting. [15] CEQA requires that a lead agency include a description of the physical environmental conditions, or "baseline," in the vicinity of the project as they exist at the time environmental review commences.[16] As the courts have repeatedly held, the impacts of a project must be measured against the "real conditions on the ground."[17] The description of the environmental setting constitutes the "baseline" physical conditions against which the lead agency assesses the significance of a project's impacts.[18] An Environmental Setting is required "to give the public and decision makers the most accurate and understandable picture practically possible of the project's likely near-term and long-term impacts.[19]

Footnote 15: CEQA Guidelines, § 15063, subd. (d).

Footnote 16: CEQA Guidelines, § 15125(a); *Communities for a Better Environment v. South Coast Air Quality Management Dist.* (2010) 48 Cal. 4th 310, 321 ("*CBE v. SCAQMD*").

Footnote 17: *CBE v.* SCAQMD, 48 Cal. 4th at 321; *Save Our Peninsula Com. v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 121-22; *City of Carmel-by-the-Sea v. Bd. of Supervisors of Monterey County* (1986) 183 Cal.App.3d 229, 246.

Footnote 18: CEQA Guidelines, § 15125(a); *CBE v.* SCAQMD, 48 Cal. 4th at 321.

Footnote 19: 14 CCR § 15125(a).

Response to Comment 3-4

The comment states that the "MND fails to adequately describe the environmental setting against which the Project's environmental impacts are to be measured…" and provides general citations regarding baseline conditions. This comment is an introduction to Comments 3-5 and 3-6. Responses to those specific comments are provided below.

Comment 3-5

A. The MND Fails to Adequately Describe the Proximity to Sensitive Receptors

The MND provides that the "nearest sensitive receptors to the Project Site are multi-family residences located approximately 65 feet (approximately 20 meters) northwest of the Project Site."[20] The Health Risk Impact Assessment also relies on a 65 feet distance to nearby sensitive receptors to undergird its analysis.[21] However, substantial evidence demonstrates that sensitive receptors are closer than 65 feet from the Project site.[22] Based on the MND's Local Vicinity Map in Figure 2-2, the Project site directly abuts the residence at 2204 Iris Way, and may be as close

as 20 feet northwest from the construction zone of the Project site.[23] Construction activities occurring along to the Project's northwest property line will result in significant noise, air quality, and health risk impacts more severe than analyzed in the MND.[24] The MND's reliance on the geographic center of the Project site to inform its analysis of distances to sensitive receptors is therefore misplaced and unsupported by substantial evidence. As discussed below, the MND's failure to analyze the Project's proximity to nearby sensitive receptors results in an inaccurate analysis of the Project's construction and operational noise impacts.[25] The City must prepare an EIR which accurately analyzes the Project's environmental setting with respect to nearby sensitive receptors for air quality, health risk, and noise impacts before the Project can lawfully be approved.

Footnote 20: MND, p. 46.

Footnote 21: MND, Appendix B, p. 7.

Footnote 22: Jue Comments, p. 4.

Footnote 23: *Id.* at 5.

Footnote 24: *Id.*

Footnote 25: Jue Comments, p. 4.

Response to Comment 3-5

The main comments here claim that the IS/MND does not adequately analyze sensitive receptors with respect to air quality, noise and health risks. That claim is incorrect for several reasons, as discussed below. Overall, it should be noted that this comment refers to the letter prepared by Deborah Jue, from Wilson Ihrig, (Jue Letter), which were attachments to the CREED LA comment letter. See Response to Comment 3-36 for additional technical analysis for certain issues raised in this comment. In addition, see below for related responses. Also, see the Supplemental Technical Analysis for additional information verifying that impacts to sensitive receptors remain less than significant, as identified in the IS/MND.

First, the comment claims that the Health Risk Assessment relies on a 65 feet distance to nearby sensitive receptors to undergird its analysis. As a fundamental point, it should be noted that the 65-foot distance does not undergird the HRA, and such distance is largely irrelevant for air quality modeling purposes. That distance assumption by the comment misunderstands the methodology for performing HRA analysis. The HRA does not assume a setback distance from receptors. Instead, to be conservative, the HRA assigned and modeled emissions up to the fence line shared with the nearby sensitive receptors. That same approach is generally used for air quality analysis, including certain receptor distances from point sources. Therefore, the cancer risk assessment

included in Table 4.3-10: Construction Carcinogenic Risk Assessment of the IS/MND is accurate and not underestimated. In addition, see the Supplemental Technical Analysis, which contains additional health risk assessment and air quality analysis, as requested by a public agency, that also verifies health risks and air quality impacts to sensitive receptors are below the applicable thresholds and less than significant.

Second, the comment claims that the MND's reliance on the geographic center of the Project Site to inform its analysis of distances to sensitive receptors is misplaced and unsupported by substantial evidence. That claim is not true and is not consistent with established methodology for impact analysis. It is well-established industry protocol to use the center of a construction site for impact modeling purposes. Per FTA Noise and Vibration Impact Assessment Manual (2018) (FTA guidance) "Distance (D) – Assume that all equipment operates at the center of the project". The FTA guidance is regularly applied to land use projects by noise experts to determine potential noise impacts. This methodology is also factually accurate because construction equipment moves throughout a site over the course of a day and some equipment would be closer, and some equipment would be further away, from receptors during stages of construction.

The IS/MND (Appendix J Noise and Vibration Analysis Memorandum, page 12) clearly explains that "[t]he Project's existing surroundings include both residential and commercial uses. Following the FTA methodology for quantitative construction noise assessments, FHWA's Roadway Construction Noise Model (RCNM) was used to predict construction noise. All construction equipment is assumed to operate at the main construction area of the Project Site. During construction, equipment would be operating throughout the Project Site and not all equipment would be operating at the point closest to the sensitive receptors." And the IS/MND states that "[f]or the purposes of this analysis, the main construction activity areas are defined as the anticipated building construction area. Although some construction activities may occur at distances closer than 380 feet from the nearest properties, construction equipment would be dispersed throughout the Project Site during various construction activities. Therefore, main construction activity areas represent the most appropriate distance based on the sporadic nature of construction activities." Also, note that for construction noise impacts, the Monterey Park Municipal Code (MPMC) exempts construction noise impacts in any case.

It follows that, the IS/MND impact analysis used the proper modeling methodology and disclosed the accurate potential impacts. Accordingly, the IS/MND adequately analyzed potential impacts according to established protocol and applicable guidance.

Comment 3-6

B. The MND Fails to Adequately Quantify the Existing Noise Environment

The MND fails to adequately quantify the existing noise environment, against which to measure the Project's operational and construction noise impacts. Deborah Jue's comments provide that the MND's reliance on the metric Leq instead of the median noise level, L50, is misplaced.[26] L50 is the median noise level, Leq is the Equivalent Continuous Sound Level, but these metrics are not the same. The Leq can be very similar to L50, but it is often several decibels higher.[27] Ms. Jue's comments demonstrate that MND Table 4.13-6 erroneously relies on Leq instead of L50, which results in a significant underestimation of the Project's operational noise impacts.[28]

Further, the MND noise analysis relies on ambient noise levels of 56 to 65 Leq because the MND provides that "[a]mbient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing."[29] Ambient noise levels should be calculated utilizing the noise levels in the existing environment, the baseline, not including Project components such as the two generators closest to sensitive receptors. Since the generators are part of the Project, their operation should be compared to the existing ambient noise level, without the project. The MND's analysis of the environmental setting with respect to noise is therefore unsupported. The Project may result in potentially significant noise impacts as demonstrated herein.

Footnote 26: *Id.* at 2.

Footnote 27: *Id.*

Footnote 28: *Id.* at 3.

Footnote 29: MND, p. 123.

Response to Comment 3-6

This comment claims that "[t]he MND fails to adequately quantify the existing noise environment, against which to measure the Project's operational and construction noise impacts." This comment is technically inaccurate for the following reasons.

To start with, the IS/MND, Appendix J: Noise and Vibration Analysis Memorandum explained that construction noise is exempt from the noise standards in the MPMC. Specifically, MPMC Section 4.50.100: Sound level limits – Exceptions provides that "[c]onstruction activities between seven a.m. and seven p.m. Monday through Friday, and between nine a.m. and six p.m. on Saturdays, Sundays and Holidays" are exempt from sound level limits in the MPMC. The Project would comply with the days and hours of activity established by the City code.

Second, the comment claims that " . . . the MND's reliance on the metric L_{eq} instead of the median noise level, L_{50}, is misplaced." That claim is inaccurate because it misstates the acceptable noise modeling methodology used in the IS/MND. The ambient noise measurements shown in IS/MND Table 4.13-2 are based on data collected by Veneklasen Associates (refer to IS/MND Appendix J). This noise measurement data are in fact the L_{50} (median) noise levels. IS/MND Table 4.13-2 uses the term "Average Level" in the column heading, but is not intended to mean L_{eq}. The term "Average Level" is intended to differentiate between the daytime and nighttime noise levels also reported in the table. The comment incorrectly assumes that the measured noise levels are L_{eq} and not L_{50}. Additionally, it is noted that the IS/MND inadvertently labeled the noise metrics in the column headings as L_{eq}. Therefore, IS/MND Table 4.13-6 will be revised in the Supplemental Technical Analysis to correct this typographical error and indicate the dBA as L_{50} for the Ambient Noise Level Daytime and Ambient Noise Level Nighttime columns. Note that there are no quantitative changes to the noise levels in the table, this correction is merely to the column headings to reflect that L_{50} was used.

Table 4.13-6: Mechanical Equipment Noise Levels

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA ~~L_{eq}~~ L_{50})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA ~~L_{eq}~~ L_{50})[2]	Exceed?
Single Family Residences (West)	50	56	No	50	54	No
Single Family Residences (Northeast)	56	61	No	56	56	No
Commercial Use (Northeast)	55	65	No	55	65	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

Finally, the comment claims that "[a]mbient noise levels should be calculated utilizing the noise levels in the existing environment, the baseline, not including Project components such as the two generators closest to sensitive receptors." The comment is correct, and as explained below, the applicable footnote has been revised to clarify that the IS/MND did in fact measure and model the existing baseline noise condition without inclusion of any component of the Project. This comment refers to Table 4.13-6 on page 123 of the IS/MND, which stated that "[a]mbient

daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing." To be clear, the noise modeling did not assume generator operations for existing ambient conditions (existing noise sources are discussed on page 115 of the IS/MND and page 29 of Appendix J). Thus, the footnote will be revised to state instead that "Ambient daytime Project operational noise levels include the operations of the two generators closest to sensitive receptors for generator testing." Therefore, noise levels assumed for existing ambient conditions, as well as the noise levels from the testing of emergency generators, although temporary and occasional, have been accurately accounted for in the operational noise analysis.

Comment 3-7

IV. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED AIR QUALITY IMPACTS

A negative declaration is improper, and an EIR must be prepared, whenever it can be fairly argued on the basis of substantial evidence that the project may have a significant environmental impact.[30] [S]ignificant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[31] An effect on the environment need not be "momentous" to meet the CEQA test for significance; it is enough that the impacts are "not trivial."[32] Substantial evidence, for purposes of the fair argument standard, includes "fact, a reasonable assumption predicated upon fact, or expert opinion supported by fact."[33]

Moreover, the failure to provide information required by CEQA is a failure to proceed in the manner required by CEQA.[34] Challenges to an agency's failure to proceed in the manner required by CEQA, such as the failure to address a subject required to be covered in an MND or to disclose information about a project's environmental effects or alternatives, are subject to a less deferential standard than challenges to an agency's factual conclusions.[35] Even when the substantial evidence standard is applicable to agency decisions to certify an MND and approve a project, reviewing courts will not 'uncritically rely on every study or analysis presented by a project proponent in support of its position. A clearly inadequate or unsupported study is entitled to no judicial deference.'"[36]

As discussed below, CREED LA's expert James Clark presented direct and substantial evidence raising a fair argument that the Project will have significant environmental impacts. An EIR must be prepared to further evaluate and mitigate the significant impacts to less than significant levels.

Footnote 30: PRC § 21151; 14 CCR § 15064(f); *Citizens for Responsible Equitable Envt'l Dev. v. City of Chula Vista* ("*CREED*") (2011) 197 Cal.App.4th 327, 330-31; *Communities for a Better Env't v. South Coast Air Quality Mgmt. Dist.* (2010) 48 Cal.4th 310, 319 ("*CBE v. SCAQMD*").

Footnote 31: PRC § 21068; 14 CCR § 15382; *County Sanitation Dist. No. 2 v. County of Kern* (2005) 127 Cal.App.4th 1544, 1581.

Footnote 32: *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 83.

Footnote 33: PRC § 21080(e)(1) (emphasis added); *CREED*, 197 Cal.App.4th at 331.

Footnote 34: *Sierra Club v. State Bd. Of Forestry* (1994) 7 Cal.4th 1215, 1236.

Footnote 35: *Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal.4th 412, 435.

Footnote 36: *Berkeley Jets*, 91 Cal.App.4th at 1355.

Response to Comment 3-7

This comment is an introduction to the specific comments thereafter. The comment generally recites legal cases and claims that an EIR must be prepared to further evaluate and mitigate potential impacts. Refer to Response to Comments 3-8 through 3-10 for more detailed responses.

Comment 3-8

A. Substantial Evidence Supports a Fair Argument that the Project May Result in Potentially Significant Impacts from the Backup Generators

The MND fails to analyze the Project's potentially significant environmental impacts from the use of backup generators. Twelve four-MW backup generators with a total generation capacity of up to 48 MW and the two redundant back-up generators would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center.[37] Dr. Clark's comments demonstrate that the Project results in significant air quality and health risk impacts associated with operation of the backup generators that are more severe than disclosed in the MND.[38] Dr. Clark determined that the MND only accounts for a total of 50 hours of testing for the generators.[39] But, each of the 14 generators is permitted to be tested for 50 hours per year, which accounts for a total of 700 hours per year. This results in significant emissions of diesel particulate matter ("DPM") which are not accounted for in the MND.[40] Without binding mitigation to limit the testing of the backup generators to 50 hours total per year, the air quality and health risk impacts associated with DPM and TAC emissions is significant and unmitigated.[41]

DPM is a toxic air contaminant (TAC) that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.42 Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death.[43] Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and

respiratory tract defense mechanisms; and premature death.[44] Exposure to DPM increases the risk of lung cancer.[45] It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction.[46] Dr. Clark's comments provide substantial evidence that DPM emissions represent a significant health risk requiring additional analysis and mitigation in an EIR.

Under the fair argument standard, a lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[47] The phrase "significant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[48] Dr. James Clark finds a significant health risk from exposure to TAC emissions, which constitutes substantial evidence supporting a fair argument that health risk is significant and unmitigated.

An EIR must be prepared which quantifies the Project's emissions of toxic air contaminants ("TAC"), and compares them to the SCAQMD's quantitative cancer threshold of 10/million,[49] in order to adequately assess and disclose the Project's air quality impacts on human health.[50] Absent this analysis, the City lacks substantial evidence to conclude that the Project's health risk impacts are less than significant.

Footnote 37: MND, p. 5.

Footnote 38: Clark Comments, p. 7.

Footnote 39: *Id.*

Footnote 40: *Id.*

Footnote 41: *Id.*

Footnote 42: *Id.*

Footnote 43: *Id.*

Footnote 44: *Id.*

Footnote 45: *Id.*

Footnote 46: Clark Comments, p. 7.

Footnote 47: Pub. Res. Code §§21080(d), 21082.2(d); 14 Cal. Code Reg. §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Richmond* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of Stanislaus* (1995) 33 Cal.App.4th 144, 150-151; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.App.4th 1597, 1601-1602.

Footnote 48: Pub. Resources Code, § 21068.

Footnote 49: See South Coast AQMD Air Quality Significance Thresholds, available at https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=

2ahUKEwjc1oThoK3_AhUUHTQIHcYKBTsQFnoECAoQAQ&url=https%3A%2F%2Fwww.aqmd.gov%2Fdocs%2Fdefault-source%2Fceqa%2Fhandbook%2Fsouth-coast-aqmd-air-quality-significance-thresholds.pdf%3Fsfvrsn%3D25&usg=AOvVaw07n1OZu8NvvtfqOAnstLMG.

Footnote 50: *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502, 519; *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 134 Cal.App.4th 1184, *1220* ("After reading the EIRs, the public would have no idea of the health consequences that result when more pollutants are added to a nonattainment basin. On remand, the health impacts resulting from the adverse air quality impacts must be identified and analyzed in the new EIRs.").

Response to Comment 3-8

This comment summarizes the points contained in Comment 3-9, Comment 3-22, Comment 3-23, and Comment 3-25. This comment asserts several claims associated with its main claim that "[t]he MND fails to analyze the Project's potential significant impact from the use of backup generators. This claim is inaccurate as explained below.

First, the comment acknowledges that the IS/MND did in fact model the emergency generators. To clarify for the record, the IS/MND modeled the potential emissions from the emergency generators in Sections 4.6: Energy and 4.8: Greenhouse Gas Emissions. For the operational noise analysis in 4.13: Noise, MPMC Section 4.50.50 exempts generators used during an emergency situation (page 123 of the IS/MND). The commentor is correct that the generators when permitted could be tested for up to 50 hours per year, however not all generators would be tested for the full amount. The SCAQMD's permit to operate would impose standard operating procedures on the generators before operation.

In addition, it should be noted that the City has supplemented the IS/MND with further quantitative modeling of the emergency generators in response to agency public comments. That additional analysis is included in the Supplemental Technical Analysis (Kimley Horn, 2025). In the Supplemental Technical Analysis, the DPM associated with the testing and maintenance of the emergency generators has been modeled and analyzed. This supplemental information adds to the substantial evidence provided in the record that the Project's generators would not expose nearby receptors (both residences and workers) to health risk exceeding the SCAQMD thresholds or exceedances of either State or Federal standards. Therefore, the Project does not have a significant impact regarding generator emissions.

Moreover, as discussed on page 45 of the IS/MND, the Applicant is required to obtain Permits to Operate (PTO) from SCAQMD before the installation of or operation of any emergency generators, which would verify that the generators meet all applicable Best Available Control Technologies (BACT) requirements and that the generators comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants). Further, as noted on

page 52 of the IS/MND, an operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. Before the generators can operate, DPM emissions and cancer risk associated with the proposed diesel generators would be regulated by the SCAQMD permit process to ensure that associated emission levels remain less than significant. Refer also to the responses to the SCAQMD letter in Letter 5.

Comment 3-9

Furthermore, Dr. Clark remodeled the operational emissions of the Project and found that based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-generators, the generators would emit up to 166 lbs. per day of NOx, exceeding the SCAQMD's significance threshold of 55 lbs. per day.[51] Dr. Clark's comments provide substantial evidence demonstrating that the Project results in a significant air quality impact requiring review and mitigation in an EIR, before the Project can be approved.

Footnote 51: Clark Comments, p. 5.

Response to Comment 3-9

This comment summarizes comments in the Clark Letter. See Response to Comment 3-23 below. It is noted that the comment states that the Clark Letter remodeled Project operational emissions. However, the Clark Letter did not include attachments or modeling outputs and therefore lacks supporting evidence for its claims. Nonetheless, Response to Comment 3-23 responds to the points raised in the Clark Letter and clarifies the record.

Comment 3-10

V. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED GHG IMPACTS

The MND concludes, absent substantial evidence, that the Project will result in less than significant GHG impacts.[52] The MND's GHG analysis memorandum does not include modeling files to support the GHG emissions calculations for the emergency generators. MND Table 5 provides that emergency generators will emit 2,062 metric tons of carbon dioxide equivalent ("$MTCO_2e$") but this estimate is unsupported. The CalEEMod modeling does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived.[53] The MND's conclusions regarding the Project's GHG impacts are therefore unsupported, and these impacts must be evaluated in an EIR for the Project.

Furthermore, Dr. Clark calculated that the Project will result in a more severe GHG impact than analyzed in the MND. Dr. Clark's comments demonstrate that the use of the General Office Building setting in the MND's CalEEMod air modeling underestimates the energy consumption

rate and resulting GHG and air pollutant emissions from the Project.[54] The GHG emissions are more significant than analyzed in the MND and require mitigation in an EIR before the Project can be approved.[55]

Footnote 52: MND, p. 75.

Footnote 53: Clark Comments, p. 6.

Footnote 54: *Id.*

Footnote 55: *Id. a*t 9.

Response to Comment 3-10

This comment summarizes comments in the Clark Letter. See Response to Comment 3-22, Comment 3-23, and Comment 3-25 below for a technical response.

Furthermore, as discussed in the project description on page 5 of the IS/MND, "the Applicant would install 14 gen-sets, each capable of producing four megawatts." The modeling of generators was included in Table 4.8-3: Operational Greenhouse Gas Emissions Opening Year (page 92) which shows the emissions related to testing and maintenance for 14 diesel emergency backup generators. While the exact model was unknown at the time of modeling, the generators would be CARB Tier 4 Final and therefore US EPA Tier 4 Final emission standards were used. Multiplied by 50 hours of testing and maintenance per year per engine, the facility pounds per day for each criteria pollutant and GHG was converted to tons per year. The revised GHG emissions calculations with 24 smaller emergency generators were calculated and included in the Supplemental Technical Analysis.

The second point the commentor makes is that ". . . use of the General Office Building setting in the MND's CalEEMod air modeling underestimates the energy consumption rate and resulting GHG and air pollutant emissions from the Project." That is incorrect and misstates how the CalEEMod air modeling was performed. In sum, the modeling used general CalEEMod land use assumptions, and importantly, user-provided assumptions that supplement the modeling to accurately reflect data center operations.

For example, the land use type selected in CalEEMod is appropriate and accurately represents the characteristics and operational use of the Project because it includes building construction for a generic structural shell of a building. Then the operational characteristics of a data center within that structure are provided as inputs to CalEEMod so the model accurately represents the proposed land use and operational characteristics. Furthermore, from a technical modeling perspective, CalEEMod offers a set of predefined land use categories based on standard land use types, however "data center" is not a predefined option. Hence, when selecting an input

category, the Lead Agency has the discretion to identify the category that most closely aligns with the proposed development in terms of use, density, and intensity. In this case, the land use type selected was General Office Building as it most closely matched the construction activities associated with the Project and overall building footprint. Then, importantly, that set of assumptions is supplemented to more accurately reflect data center operations.

Accordingly, where applicable, the modeling was further refined with Project-specific data or adjustments to default assumptions, such as trip generation rates, vehicle miles traveled (VMT), energy use, water and wastewater use. These refinements provide an accurate and precise depiction of the Project's emissions and are consistent with CEQA Guidelines and the CalEEMod User Guide recommendations. CalEEMod User Guide (2022) page 5 "The user has control over which defaults are overridden with more accurate, project-specific information, and how changes to those values affect other, linked inputs in the model."

Finally, the model outputs and assumptions were reviewed by qualified environmental professionals and are supported by substantial evidence in the administrative record.

Comment 3-11

VI. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED HAZARDS IMPACTS

There is substantial evidence in support of a fair argument that the Project will create significant and unmitigated risks to human health and the environment from the accidental release of soil contaminants. These impacts are not disclosed in the MND and require preparation of an EIR. The MND is further inadequate because it relies on impermissibly vague and deferred mitigation measures to purportedly lessen or avoid these impacts, in violation of CEQA.

Response to Comment 3-11

This comment asserts that there is evidence that the Project could create a significant risk from the accidental release of soil contaminants. A more detailed response is provided below.

Comment 3-12

A. The MND Fails to Disclose the Project's Potentially Significant Hazards Impacts

The MND provides that the "[t]he Project site is not identified on a compiled hazardous materials site list pursuant to California Government Code Section 65962.5."[56] However, the Project site is on the Cortese List due to groundwater contamination issues, and, for that reason, is also listed on SWRCB's GeoTracker website.[57] The Project site was contaminated via leaks from three diesel underground storage tanks ("UST"). As of June 28, 2022, the Los Angeles Regional Water Quality Control Board Site data indicate that there may be residual concentrations of pollutants in soil at

this site that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use.[58] The severity of this impact is not disclosed or mitigated in the MND.

Footnote 56: MND, p. 99.

Footnote 57: State Water Resources Control Board, Geotracker, BRE CA SATURN, LLC (T10000018576)
https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018576

Footnote 58: Letter from Yue Rong, Ph.D. Program Manager, Underground Storage Tank Program, Los Angeles Regional Water Quality Control Board, to BRE CA SATURN LLC, Underground Storage Tank Program – Non-Case Determination (June 28, 2022), *available at*: https://documents.geotracker.waterboards.ca.gov/regulators/deliverable_documents/9720914542/1977%20Saturn%20St%20ncl%20(June%2028,%202022).pdf.

Response to Comment 3-12

As stated on page 99 of the IS/MND, Government Code Section 65962.5 refers to the Hazardous Waste and Substances Site List, commonly known as the Cortese List. The closest site on the Cortese List, and the only site listed within the City, is located at 900 Potrero Grande Drive, located approximately 0.37 miles southeast of the Project Site.[2] Therefore, there are no records of the Project Site being located on the Cortese List.

The State Water Resources Control Board (SWRCB) reference provided by the commenter for GeoTracker notes that there are no potential contaminants of concern, and that the informational item/review is completed as of June 28, 2022, which means that there is no need for a regulatory case and additional work required.[3] Therefore, there is no further action required by the SWRCB for the Project Site.[4] The USTs are discussed on pages 97 and 98 of the IS/MND and in the Phase I Environmental Site Assessment, included as Appendix H to the IS/MND. As noted therein, based on the regulatory closure, reported removal of the identified USTs, completion of the assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a controlled recognized environmental condition (CREC), and no further

[2] California Department of Toxic Substances Control, Cortese List, Operating Industries, Inc. Landfill (19490207), https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207. Accessed August 18, 2025.
[3] State Water Resources Control Board, GeoTracker, Non-Case Information Status Definitions, https://geotracker.waterboards.ca.gov/Non-Case%20Information%20Status%20Definitions.pdf. Accessed August 18, 2025.
[4] Los Angeles Regional Water Quality Control Board, Underground Storage Tank Program – Non-Case Determination for 1977 Saturn Street, Monterey Park, https://documents.geotracker.waterboards.ca.gov/regulators/deliverable_documents/9720914542/1977%20Saturn%20St%20ncl%20(June%2028,%202022).pdf. Accessed September 12, 2025.

investigation is warranted. Therefore, the commenter is incorrect that impact is not disclosed or mitigated in the IS/MND.

Comment 3-13

A. The MND Fails to Adequately Mitigate the Project's Potentially Significant Hazards Impacts

The MND's conclusion that hazards impacts are mitigated to less than significant levels, is not supported by substantial evidence. The MND includes unenforceable, deferred, and impermissibly vague mitigation measures to purportedly reduce significant hazards impacts. Mitigation measures are conditions on the construction and operation of a project that are designed to lessen or avoid a project's environmental impacts.[59] If a project has the potential to have a significant effect on the environment, the lead agency must prepare an EIR that incorporates feasible mitigation measures to reduce impacts to less-than-significant levels.[60] It is the possibility of a significant effect, not a determination of the actual effect, which would be the subject of a negative declaration or an EIR.[61]

Here, the MND proposes to develop a Soil Management Plan ("SMP") to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities, pursuant to mitigation measure MM HAZ-1. CEQA requires disclosure of the severity of a project's impacts and the probability of their occurrence before a project can be approved.[62] In *Bozung v. Local Agency Formation Commission*, the Supreme Court upheld "the principle that the environmental impact should be assessed as early as possible in government planning."[63] A study conducted after approval of a project will inevitably have a diminished influence on decisionmaking.[64] Even if the study is subject to administrative approval, it is analogous to the sort of post hoc rationalization of agency actions that has been repeatedly condemned in decisions construing CEQA.[65]

MM HAZ-1 results in improper deferral of required analysis until after project approval, and may therefore not sufficiently mitigate impacts to construction workers exposed to soil contamination before the site is properly characterized and cleaned. CEQA Guidelines § 15126.4(a)(1)(B) provide that formulation of mitigation measures shall not be deferred until some future time.[66] Deferral of the formulation of mitigation measures is only permissible when the agency adopts performance standards and conditions approval of the project on meeting those performance standards, or lists alternative means of mitigating the impacts, which must be disclosed and analyzed.[67] Here, the SMP lacks any performance standards, and would require additional analysis and potential formulation of unidentified remedial procedures at some later date. In order to comply with CEQA, the City must identify mitigation measures before Project approval, and include such measures in an EIR circulated for public review.

Footnote 59: See 14 CCR § 15126.4.

Footnote 60: *Salmon Protection and Watershed Network v. County of Marin*, 125 Cal.App.4th (2004) 1098, 1107.

Footnote 61: *Azusa Land Reclamation Co. v. Main San Gabriel Basin Watermaster* (1997) 52 Cal.App.4th 1165, 1199–1200.

Footnote 62: 14 CCR §§ 15143, 15162.2(a); *Cal. Build. Indust. Ass'n v. BAAQMD* (2015) 62 Cal.4th 369, 388-90 ("*CBIA v. BAAQMD*") (disturbance of toxic soil contamination at project site is potentially significant impact requiring CEQA review and mitigation); *Madera Oversight Coalition v. County of Madera* (2011) 199 Cal. App. 4th 48, 82; *Berkeley Keep Jets Over the Bay Com. v. Bd. of Port Comrs.* ("*Berkeley Jets*") (2001) 91 Cal.App.4th 1344, 1370-71; CEQA Guidelines, Appendix G.

Footnote 63: (1975) 13 Cal.3d 263, 282.

Footnote 64: *Sundstrom v. County of Mendocino*, supra, 202 Cal.App.3d 296, 307.

Footnote 65: Id.; *No Oil, Inc. v. City of Los Angeles*, supra, 13 Cal.3d 68, 81; *Environmental Defense Fund, Inc. v. Coastside County Water Dist.* (1972) 27 Cal.App.3d 695, 706.

Footnote 66: 14 CCR 15126.4(a)(1)(B).

Footnote 67: E.g., *Endangered Habitats League v. County of Orange* (2005) 131 Cal.App.4th 777, 793-794; *Defend the Bay v. City of Irvine* (2004) 119 Cal.App.4th 1261, 1275.

Response to Comment 3-13

The comment states that the IS/MND's "conclusion that hazards impacts are mitigated to less than significant levels, is not supported by substantial evidence." That comment is inaccurate. As discussed in Response to Comment 3-12, the USTs are discussed on pages 97 and 98 of the IS/MND and in the Phase I Environmental Site Assessment, included as Appendix H to the IS/MND. The evidence contained in the Phase I Environmental Site Assessment is detailed and substantial. As noted therein, the historical USTs and closed LUST case were analyzed carefully, and based on findings from several regulatory agencies, were considered controlled. Accordingly, the agencies, the IS/MND, and Phase I Environmental Site Assessment determine that no further investigation of potentially hazardous conditions on the Project Site was warranted. In addition, it is important to note that the IS/MND recognized this fact, and nonetheless in an abundance of caution, voluntarily imposed Mitigation Measure MM HAZ-1 to further reduce the potential impact of an already less-than-significant impact.

Specifically, as noted on page 97 of the IS/MND, Mitigation Measure MM HAZ-1 is provided in an abundance of caution to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities. As noted within MM HAZ-1 on page

100 of the IS/MND, the SMP must be prepared by a qualified environmental professional approved by the City and includes provisions for protection and monitoring exposure, requirements for construction workers to be appropriately trained, and additional standard operating procedures. Also, as there was no potentially significant impact under Hazards and Hazardous Materials Threshold 4.9(b) to be mitigated, and because MM HAZ-1 is provided for additional safety precautions, this mitigation is not considered improperly deferred.

The comment also claims that MM HAZ-1 results in improper deferral of required analysis until after project approval; and that the SMP lacks any performance standards. As discussed above, the IS/MND, including the Phase I Environmental Site Assessment contains extensive analysis of potential hazards onsite. Thus, the comment is inaccurate that analysis was deferred. In addition, in response to this comment, a clarifying correction has been made to the text of the IS/MND to state that MM-HAZ-1 "further" reduces an already less than significant impact. It should be noted that, even before referencing MM HAZ-1, the IS/MND concluded that "[a]ccordingly, the risk of hazard to the public or the environment through future upset conditions is low because the CREC identified on-site has been resolved to the satisfaction of the regulatory agencies." See page 94 in the IS/MND. Thus, the IS/MND did not identify a significant impact for hazards in any case.

Regarding performance standards, corrections have been made to MM HAZ-1 to add additional performance standards to the measure, even though it does not constitute deferred mitigation in any case. The updated MM HAZ-1 will include the following additional performance standards: "[i]n the instance that previously unknown soil constituents are discovered during site excavation, the contractor shall ensure that any soil contaminated beyond acceptable regulatory levels, shall be contained, remediated if necessary, and disposed of pursuant to the performance standard levels established by federal OSHA, Cal/OSHA, SCAQMD, RWQCB, and any other regulatory agency with jurisdiction over CRECs or RECs on the Project Site."

Comment 3-14

VII. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED NOISE IMPACTS

Deborah Jue's comments provide substantial evidence that the Project results in significant operational noise impacts. Noise from the Project's generators was not evaluated, and the combined operation of all mechanical equipment could be 3 dBA or more than predicted in the MND.[68] Ms. Jue's comments also demonstrate that the mechanical equipment noise would exceed the City's noise limits during the nighttime hours at the residences to the west of the Project site.[69] Moreover, when accounting for the correct ambient noise level, Ms. Jue identified a significant operational noise impact during daytime hours as well.[70]

Footnote 68: Jue Comments, pg. 4.

Footnote 69: Jue Comments, pg. 3.

Footnote 70: Jue Comments, pg. 3.

Response to Comment 3-14

See Response to Comment 3-35 for a detailed technical response to this comment. In addition, as discussed on page 123 of the IS/MND, MPMC Section 4.50.050: Noise Disturbances – Exemptions states that generators used during a power outage or other emergency situation are exempt from the noise standards. Therefore, the noise levels from generators operating during a power outage or other emergency situation are not considered potential noise impacts pursuant to the standards established by the Lead Agency and thus were not evaluated. Also, it should be noted that potential noise levels from testing of emergency generators, although temporary and occasional, have been accounted for in the operational noise analysis in the IS/MND.

Comment 3-15

The MND also lacks support for its conclusions regarding operational noise impacts. It provides that "[p]ackaged HVAC rooftop units would provide cooling for the administrative and ancillary spaces."[71] The MND provides that the "heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations." However, the MND fails to identify the source of the reference sound power levels used in its analysis of HVAC rooftop equipment and lacks sound power data for the generators.[72] Deborah Jue's comments provide that, absent documentation of the reference sound power levels for the rooftop equipment and generators, it is impossible to evaluate the MND's conclusions regarding operational noise impacts.[73] The MND's analysis of operational noise impacts is therefore not supported by substantial evidence. This information must be included in an EIR to accurately quantify and mitigate significant operational noise impacts.

Footnote 71: MND, p. 16.

Footnote 72: Jue Comments, pgs. 2-3.

Footnote 73: Jue Comments, p. 3.

Response to Comment 3-15

See Response to Comment 3-16, Comment 3-30, Comment 3-31, Comment 3-32, Comment 3-34, and Comment 3-35 for a detailed technical response to this comment. Moreover, this comment claims that ". . . the MND fails to identify the source of the reference sound power levels used in its analysis of HVAC rooftop equipment and lacks sound power data for the generators." This comment is noted. In response to this comment, the IS/MND has been clarified with the

manufacturer specification sheets for the HVAC rooftop equipment, which includes the reference sound power levels. This is included in the Supplemental Technical Analysis.

In addition, note that the noise analysis included in the IS/MND did rely on valid and project-specific reference noise levels for the proposed air cooled chiller equipment (see page 29 of Appendix J). The reference noise levels from the manufacturer's specifications are summarized within the noise modeling and used for the impact conclusions.

Comment 3-16

Furthermore, given that the MND fails to accurately characterize the existing noise environment against which to measure the construction noise emissions and fails to accurately calculate the distance of construction equipment to sensitive receptors, construction noise impacts are underestimated in the MND. Deborah Jue's comments demonstrate that the Project would result in construction noise impacts so severe to neighboring sensitive receptors that the noise "would interfere with speech at neighboring properties."[74] Ms. Jue's calculations demonstrate that construction noise emission would be between 10 and 25 decibels higher than the ambient noise level.[75] The MND's conclusion that construction noise impacts are less than significant is therefore unsupported.

CEQA caselaw provides that the magnitude of noise increase over ambient levels must be addressed to determine the significance of change in noise levels.[76] The MND fails to adequately analyze impacts from noise and fails as an informational document. In *King and Gardiner Farms LLC. v. County of Kern* (2020) 45 Cal.App.5th 814, 893, determined that the use of an absolute noise level as the threshold of significance violated CEQA.[77] The court in *Keep Our Mountains Quiet* (2015) 236 Cal.App.4th 714, lead agency should consider both the increase in noise level and the absolute noise level associated with a project.[78] Here, the City's failure to consider the impact of a substantial increase in noise over ambient levels violates CEQA. The increase in noise to sensitive receptors necessitates further analysis in an EIR.

Substantial evidence in Ms. Jue's comments demonstrates significant construction and operational noise impacts from the Project on neighboring sensitive receptors. An EIR must be prepared which accurately analyzes and mitigates the Project's significant noise impacts.

Footnote 74: *Id.* at 4.

Footnote 75: *Id.*

Footnote 76: *King and Gardiner Farms v. County of Kern* (2020) 45 Cal.App.5th 814, 893.

Footnote 77: *Id.*; *Berkeley Jets* 91 Cal.App.4th , 1373; *Keeping Our Mountains Quiet* 236 Cal.App.4th , 732.

Footnote 78: *Keep Our Mountains Quiet*

Response to Comment 3-16

This comment references noise issues raised (and responded to below) in the Jue Letter. For a technical response: see Responses to Comment 3-5, 3-6, and 3-33 regarding the existing noise environment and baseline; see Responses to Comment 3-5 and 3-36 regarding the FTA methodology for distances from construction equipment; see Responses to Comment 3-6, 3-35, and 3-36 regarding construction noise and emergency generator noise being exempt by the MPMC. Based on those responses, the IS/MND analysis, and the Supplemental Technical Analysis, the conclusion that construction and operational noise are less than significant is supported by adequate technical analysis and substantial evidence.

Comment 3-17

VIII. THE CITY LACKS SUBSTANTIAL EVIDENCE TO APPROVE THE PROJECT'S LAND USE PERMITS

The Project requires the following entitlements:

- Approval of CUPs for a project on a lot size over one acre, and mechanical equipment exceeding height, if needed;
- Design Review;
- Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;
- Tree removal;
- SCAQMD Authority to Construct/Permit to Operate; and
- Permits to Construct SCE Facilities.

Response to Comment 3-17

The comment lists the discretionary permits/approvals listed on page 21 of the IS/MND. Responses to the claims in this comment are provided below in Response to Comments 3-18 and 3-19.

Comment 3-18

A. The City Cannot Make the Necessary Findings to Approve the Conditional Use Permit

Approval of a Conditional Use Permit ("CUP") requires investigation and determination by the Planning Commission subject to appeal to the City Council.[79] Pursuant to Municipal Code Section

21.32.020(B), in order to grant a CUP, the Planning Agency must find, based upon substantial evidence:

a. That the site is adequate in size, shape and topography for the proposed use including, without limitation, any required yards, walls, fences, parking and loading facilities, landscaping, setbacks, and other development standards required in this code;

b. That the site has sufficient access to streets and highways, adequate in width and pavement type to carry the quantity and quality of traffic generated by the proposed use;

c. That the proposed use is consistent with the General Plan, any applicable specific plan, and applicable law;

d. That the proposed use will not create unusual noise, traffic, or other conditions that may be objectionable, detrimental, or incompatible with surrounding properties or other permitted uses in the City;

e. That the proposed use will not have an adverse effect on the public health, safety and general welfare; and

f. That the use applied for at the location set forth in the application is properly one authorized by conditional use permit pursuant to this code.

As demonstrated herein, and in the expert consultant reports attached hereto, the Project results in a significant adverse effect on the public health, safety, and general welfare due to the Project's significant air quality, health risk, and noise impacts. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

Footnote 79: City of Monterey Park, California, Planning Commission, available at: https://www.montereypark.ca.gov/649/Planning-Commission.

Response to Comment 3-18

The comment claims that the "Project results in a significant adverse effect on the public health, safety, and general welfare due to the Project's significant air quality, health risk, and noise impacts" and that the City cannot make Finding (e) regarding public health, safety and general welfare. As described in detail throughout the Response to Comments for Letter 3, the IS/MND adequately and accurately describes the Project's impacts on air quality, health risk, and noise impacts. Moreover, the City as the Lead Agency will consider the entire administrative record before making any findings to approve the Project. As described herein, and in the IS/MND, impacts would be less than significant. Therefore, the Lead Agency has adequate evidence to support the findings for approval of a CUP.

Comment 3-19

B. The City Cannot Make the Necessary Findings to Approve the Design Review

In order to approve a design review application, the Applicant must show, to the satisfaction of the City Planner, the following:

(A) The architecture and mass of new buildings and structures and modifications of existing buildings and structures are compatible and in keeping with the character of the neighborhood and not detrimental to the general welfare of the neighborhood in which they are located. [80]

As demonstrated herein, and in the expert consultant reports attached hereto, the proximity of the Project to sensitive receptors will result in significant unmitigated noise, air quality, and health risk impacts that are detrimental to the general welfare of the neighborhood in which it is located, in violation of the municipal code. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

Footnote 80: Monterey Park Municipal Code § 21.36.060.

Response to Comment 3-19

This comment claims that the City cannot make the findings to approve design review. It should be noted that the discretion to make findings for any project rests with the City. Accordingly, the City would rely on evidence in the administrative record, and applicable sections of the MPMC to make findings for the Project, if approved. It should be noted that the Project is required to execute a development agreement pursuant to the MPMC and is activating the Business Recovery Development Agreement Zone (BRDZ) in conjunction with the adoption of a development agreement. Therefore, pursuant to MPMC Section 21.45.020, the proposed development and land uses within a BRDZ must comply with all applicable development and land use standards and exaction requirements specified in the development agreement. Accordingly, the Project shall comply with applicable development standards sufficient to support required findings for approval, if granted by the Lead Agency.

Comment 3-20

IX. CONCLUSION

For the reasons discussed above, the MND for the Project is wholly inadequate under CEQA. An EIR must be circulated to provide legally adequate analysis of, and mitigation for, all of the Project's potentially significant impacts. Until an EIR has been prepared and circulated for public review, as described herein, the City may not lawfully approve the Project.

Response to Comment 3-20

This comment serves as a conclusion to the comment letter. For further details, please see Response to Comments 3-1 through 3-19 above.

Comment 3-21

At the request of Adams Broadwell Joseph & Cardozo (ABJC), Clark and Associates (Clark) has reviewed materials related to the IS/MND for the above referenced project.

Clark's review of the materials in no way constitutes a validation of the conclusions or materials contained within the project record. If we do not comment on a specific item this does not constitute acceptance of the item.

Project Description

The Project would demolish the existing site improvements and construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping. The Data Center would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space (collectively, the "Project"). The proposed data center building would be one story and 36 feet in height (46.5 feet to top of mechanical equipment platform screening). An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include fourteen (14) four-megawatt (4-MW) back-up diesel generators to provide power in the event of an emergency.

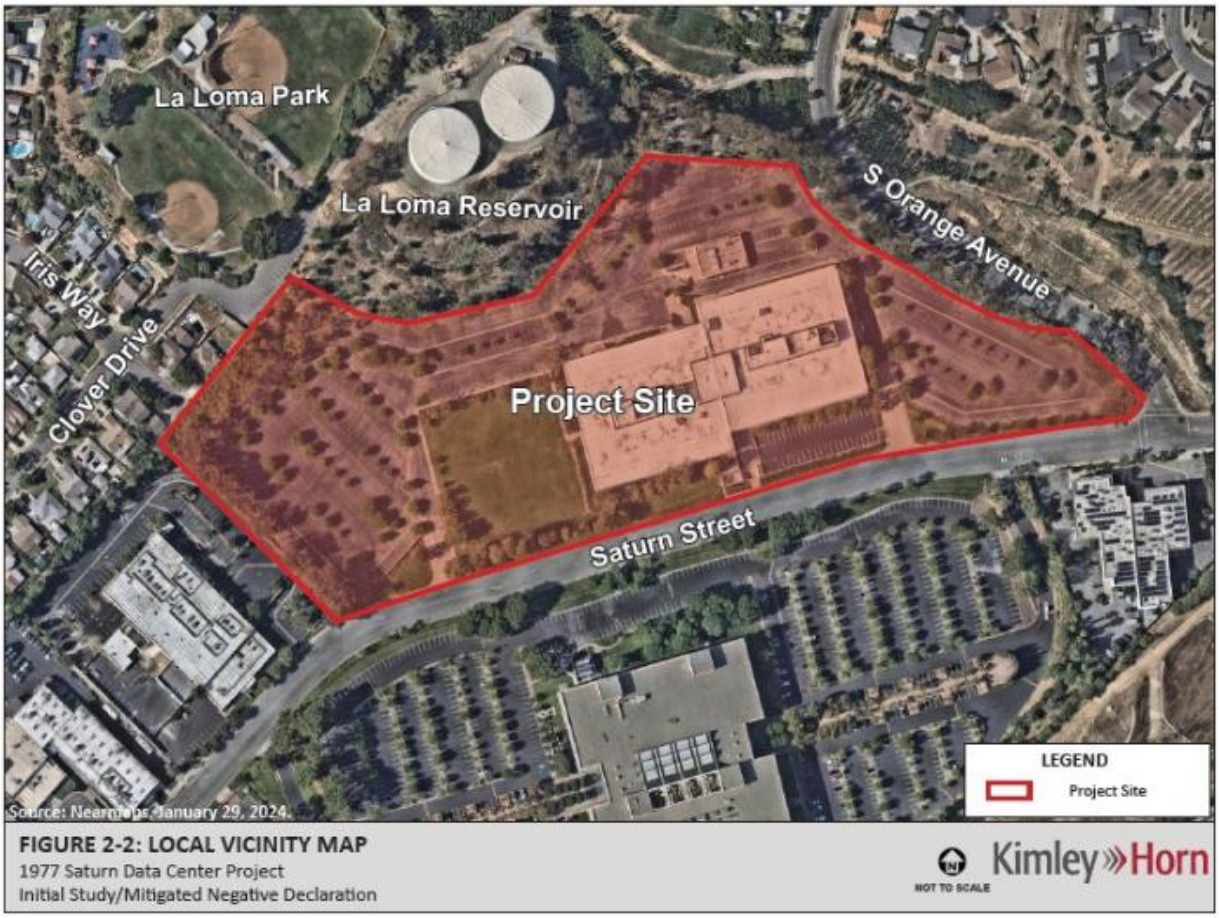

Figure 1: Project Site

The Project would also include a 24,000-square-foot electrical substation, appurtenant to the function of the data center. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.

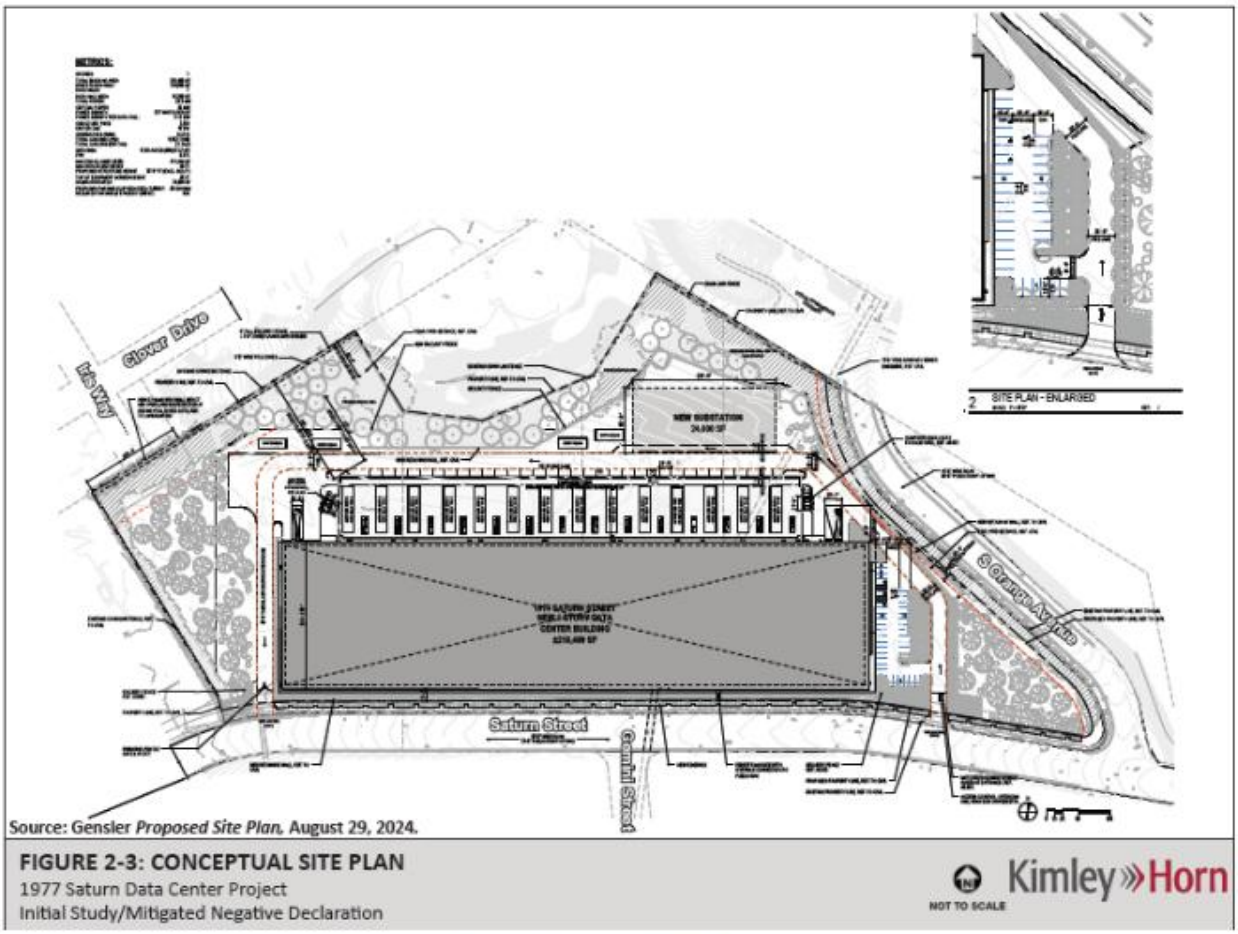

Figure 2: Conceptual Site Plan

Grading for the proposed improvements would require cut and fill to create building pads. The Project Site is bordered on the north by hillside that would remain undisturbed where the proposed design permits, as a general guideline using the existing parking lot limits and the limit of grading. There is currently only one area where there is cut into the hillside to accommodate the future substation. The proposed data center building takes up majority of the buildable land on the Project Site and spans nearly the entire frontage of Saturn Street. Project construction is anticipated to occur in the following sequence:

- Demolition of existing structures,
- Site grading and construction preparation,
- Building construction,
- Utility work,
- Paving,

- Interior construction and build-out,
- Installation of equipment and infrastructure, and
- Final inspections, testing, and commissioning.

Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately 65,000 cubic yards of soil export.

The backup generators are designed to start up quickly and run only as demand requires. All generators would be located outdoors in the equipment yard and would be surrounded by an acoustic screen wall. Generators would be placed in sound-attenuating enclosures. The generators would be laid out in one row and reach a height of approximately 20 feet to top of generator enclosure, and up to 40 feet to top of exhaust stack. Each generator would be provided with a 7,000-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions.

The heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations.

The IS/MND claims that as formulated the Project would result in air quality impacts that are less than significant while failing to consider at least one major source of pollution on-site (the back-up generators). This conclusion is not supported by the data contained within the IS/MND and the City must fully evaluate the air quality impacts in an environmental impact report (EIR).

Specific Comments:

Response to Comment 3-21

This comment contains a summary of the Project as described in Section 2.0: Project Description of the IS/MND. This comment also states that the City must fully evaluate air quality impacts in an EIR. Refer to Response to Comment 3-22 through 3-27 below for detailed responses.

Comment 3-22

1. **The Claims Regarding Greenhouse Gas (GHG) Emissions Are Not Supported In The Appendices To The Air Quality Analysis And The GHG Analysis**

According to the IS/MND the operational or long-term emissions would occur over the life of the proposed Project. GHG emissions would result from area sources (consumer products, landscape maintenance equipment, and painting), vehicular traffic, and diesel fuel associated with the emergency generators. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power, the energy required to convey water to, and

wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

In the GHG analysis memorandum[1] it is stated that the Project electricity usage would be mainly from the operation of the data center. The stated purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data received from the Applicant, the Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the 14 gen-sets, which are each capable of generating 4 megawatts (MW) of power, would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel releasing diesel particulate matter (DPM), a known human carcinogen. The Air Quality Analysis (Appendix A-1 to IS/MND) states that the proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power.[2] The other two generators would be on stand-by in case of failure for one of the 12 assigned to the system. The Air Quality Analysis and GHG Analysis of the Project both rely on the CalEEMOD model to calculate emissions, and model outputs are included as attachments to the Air Quality and GHG analyses.

Footnote 1: Appendix G to IS/MND. Pg 31

Footnote 2: Appendix A-1 to IS/MND pg 20

Response to Comment 3-22

This comment generally claims that the IS/MND analysis is not supported by the technical reports contained in its appendices, which is not true as explained below. The comment summarizes, in some cases inaccurately, the IS/MND analysis of air quality and GHG impacts from the Project. This comment is noted and responses to specific issues are provided below.

Comment 3-23

A review of the CalEEMOD analyses outputs for the operational phase of the Project reveals that the analyses do not include the emergency generators. The failure to include the testing and maintenance for the 14 generators onsite means that the TAC emissions and NOx emissions were not included in the operational analysis of the Project. Using the same input values for the construction and operational phases, but now including the 14 emergency generators, I have used the CalEEMOD model to calculate the operational emissions of the complete Project (attached to this letter). Based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-

generators, the model demonstrates that the generators would emit up to 166 lbs per day of NOx, exceeding the SCAQMD's significance threshold of 55 lbs per day.

Table 5: Operational Greenhouse Gas Emissions Opening Year

Emissions Source	$MTCO_2e$ per Year[1]
Amortized Construction Emissions	41
Area Source	5
Emergency Generators[2]	2,062
Mobile	80
Waste	70
Water and Wastewater	27
Refrigeration	0.1
Energy[3]	83,020
Total Emissions	85,305

1. Total values are from CalEEMod and may not add up due to rounding.
2. Emergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators).
3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. Total MW per year would be 437,991. Total CO_2e in tons per year would be 83,020. The Project does not include natural gas heaters or water heaters.

Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.

According to Table 5 from the GHG analysis, the emergency generators would generate 2,062 metric tons of carbon dioxide equivalent ($MTCO_{2eq}$) per year. While Table 5 attributes 2,062 $MTCO_{2eq}$ to emergency generators, this estimate is unsupported. The CalEEMod modeling provided in the IS/MND does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived. As I demonstrated in my own model, the generators will contribute significantly to the total pollutant emissions from the Project and this must be clearly detailed in an EIR for the Project.

Response to Comment 3-23

The comment first states that the CalEEMod outputs from the operational phase of the Project do not include the emergency generators. The comment then claims that Clark calculated the operational emissions of the generators based on a generator size of 5,376 brake horsepower and limiting operation to 4.2 hours per month, which Clark indicates could exceed applicable thresholds. The Clark Letter references an "Attachment: CalEEMOD Output Including Emergency Generators in Operational Analysis." However, the Clark Letter did not include any such attachment and therefore lacks supporting evidence for its claims. Nonetheless, the following points are provided to clarify the record.

First, the Applicant reduced the total energy load of the Project and accordingly reduced the size and overall demand from the emergency generators. This adjustment was made based on the market availability of emergency generators from vendors, and to implement more stringent emissions controls on the emergency generators anticipated for use during Project operation. The current design of the Project includes 24 smaller 2.75 MW (3,705 brake horsepower), Tier 4 Final emergency generators. The analysis of these generators is included in the Supplemental Technical Analysis.

Regarding the claim that emissions could potentially exceed a threshold, the Supplemental Technical Analysis includes detailed modeling information and analysis of the emergency generators. Per consultation with SCAQMD, the IS/MND contains supplemental information to quantitatively analyze emergency generators utilizing emissions spreadsheets. These spreadsheets supplement the CalEEMod modeling because CalEEMod does not contain the capability to account for the specific equipment configurations, manufacturer-rated emissions, and operational assumptions associated with these emergency generators. Instead, a project-specific emissions inventory was prepared using U.S. EPA- and CARB-approved emission factors, manufacturer specification sheets, and conservative assumptions regarding operating hours and load. That quantitative modeling provides a detailed, accurate, and project-specific analysis of potential emissions. These calculations supplement the IS/MND and are included to support the impact conclusions, which remain less than significant, as identified in the IS/MND.

In addition, the comment states that the " . . . City does not actually document how the 2,062 $MTCO_2e$ value was derived" for the emergency generators identified in Table 5: Operational Greenhouse Gas Emissions Opening Year, in the IS/MND. However, Table 5 clearly identifies in footnote 2 that "[e]mergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators)," which does in fact document how the 2,062 $MTCO_2e$ value was derived. Thus, the comment is mistaken on this point.

In addition, refer to Response to Comments 3-8, 3-9, and 3-10.

Comment 3-24

2. The Operational Air Quality Analysis Fails To Consider The Direct Impacts Of Cooling The System While In Operation.

The operational air quality emissions estimate fails to include critical stationary sources required to cool the data center. As stated above, according to the IS/MND the heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations. Figure 3 of the Air Quality Analysis shows that the cooling system will be rated for 550 tons. The CalEEMOD analysis for operational emissions lists general office building under the refrigeration and air conditioning equipment. The GHG and Air Quality analyses assess the

impacts of the Project based on the consumption of 50-MW per hour of energy and does not include a specific analysis of the amount of energy (and resulting pollution emissions) that would be required to maintain the cooling system for the data center. The model used in the CalEEMOD analysis assumed that the energy used to cool the data center would be equivalent to a typical air conditioning system for an office building. A recent paper by Zhu et al (2023) showed that refrigeration systems in Data Centers consume 35% of the energy utilized onsite. Based on the work from Zhu it is clear that the total energy need to maintain the 50 MW of energy required to operate the data center would have to be increased by 17.5 MW to cover the energy required to cool the data center (0.35 * 50 MW = 17.5 MW for cooling) The General Office Building setting in CalEEMOD clearly underestimates that energy consumption rate and resulting GHG and air pollutant emissions from the Project. The City must address this flaw in an EIR of the Project.

Response to Comment 3-24

The comment incorrectly claims that "[t]he operational air quality emissions estimate fails to include critical stationary sources required to cool the data center" and that "[t]he CalEEMOD analysis for operational emissions lists general office building under the refrigeration and air conditioning equipment." To be clear, the IS/MND modeled air quality emissions using the specific energy demand, and related cooling demands, of the Project as a data center, and not as a general office building.

As shown in Table 4.6-2 (footnote 1) on page 65 of the IS/MND, electricity usage is ". . . based on Project-specific estimates and CalEEMod defaults" for building energy. More specifically, Appendix E of the IS/MND includes a report from Curtis Spraggins, PE, LEED AP at DFWCGI, which provides the estimated peak energy load for the Project, which includes the energy load from the equipment to cool the Project. That energy load was used in CalEEMod to estimate energy uses. See page 85 in Appendix A showing how energy use from CalEEMod was changed from default data with the justification "values provided by client," which represent data center operations more precisely. Additionally, page 6 of Appendix E includes 437,991,240 kWh per year of electricity for the general office building land use. This calculation includes the client provided 49,999 kWh multiplied by 8,760 hours in a year. This is a conservative estimate as it assumes full load every hour of the year. However, the IS/MND uses these demand assumptions in the modeling and analysis. In addition, to clarify, the "general office building" category used in the IS/MND and its appendix relates to construction of the physical building footprint. All operational inputs, such as trip generation, energy demand, and water demand, were revised to reflect the data center use. Therefore, the IS/MND does not underestimate the energy consumption rate of the Project.

Comment 3-25

3. The IS/MND Fails To Model The Diesel Particulate Matter (DPM) Concentration From The Emergency Generators Onsite To The Closest Sensitive Receptor To The Site

According to the HRA prepared for the IS/MND, operational emissions from the Project would result from mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). Toxic air contaminants (TACs) that would be emitted from those sources include benzene, 1,4-butadiene, acrolein, and diesel exhaust.

Diesel exhaust contains nearly 40 toxic substances, including TACs and may pose a serious public health risk for residents in the vicinity of the facility. TACs are airborne substances that are capable of causing short-term (acute) and/or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death. Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory tract defense mechanisms; and premature death. Exposure to DPM increases the risk of lung cancer. It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction. DPM is a TAC that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.

This *a priori* assumption regarding the sources of TACs in the HRA ignores a significant source of diesel particulate matter (DPM) emanating from the Project Site, the 14 emergency generators that will be present onsite. The failure to consider the DPM emissions from the generators is a major flaw in the air quality and health risk analyses.[3]

The Health Risk Analysis[4] for the IS/MND states that the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions.

Based on the Air Quality Analysis it was assumed that the testing and maintenance of the generators would be limited under the terms of SCAQMD operating permits to be obtained by the Applicant, to operate for a maximum of 4.2 hours each month[5] or approximately 18 minutes per month per generator. Permits from SCAQMD under Rule 1470 normally limit testing of each generator to 50 hours per year (in this case testing could be assumed to take up to 700 hours per year (14 generators * 50 hours per year)). 700 hours per year of diesel emergency generator

operation would result in a significant air quality and health risk impacts from exposure to TAC emissions to nearby sensitive receptors.

If the City is proposing to limit the total testing of generators to 50 hours per year combined for all generators it must enter into a binding agreement with SCAQMD to ensure compliance with that requirement and include such limitations as a binding mitigation measure. The MND's assumptions regarding diesel emissions from generators and the resulting conclusions regarding health risk are not supported by substantial evidence. The City must re-analyze the Project impacts and present them in an EIR for the Project Site.

Footnote 3: ibid.

Footnote 4: Appendix B to IS/MND pg 12

Footnote 5: Appendix A-1 to IS/MND pg 21

Response to Comment 3-25

This comment generally claims that the IS/MND fails to model diesel particulate matter (DPM) from the emergency generators to the closest sensitive receptor. It should be noted that the IS/MND explained how the Project would comply with the applicable regulatory compliance process prior to operations of any emergency generators. Specifically, the Health Risk Assessment Memorandum in Appendix B provides that: "[t]he proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power. As discussed in the 1977 Saturn Data Project – Air Quality Analysis (Kimley-Horn, April 2024), as part of the regulatory compliance process, the Applicant will obtain PTO from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable BACT requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions. An operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. DPM emissions and cancer risk associated with the proposed diesel generators would be analyzed within the required SCAQMD permit to ensure that associated emission levels remain less than significant."

In addition, in response to agency comments on the IS/MND, the Supplemental Technical Analysis was prepared to evaluate emissions associated with the testing and maintenance of the proposed emergency generators. The Supplemental Technical Analysis assumed up to 50 hours per year of generator operation for testing and maintenance. This assumption reflects the applicable regulatory limit under SCAQMD Rule 1470 and represents standard industry practice. By adopting this assumption, the analysis captures the maximum reasonably foreseeable emissions associated with generator operations. The results of the analysis demonstrate that TAC

emissions from the enhanced Tier 4 Final (24 proposed 2.75 MW) emergency generators would result in a maximum incremental cancer risk of 6.97 in one million at the nearest sensitive receptor, which is well below SCAQMD's CEQA significance threshold of 10 in one million. Accordingly, the Project would not result in a significant health risk impact. Additional details are provided in the Supplemental Technical Analysis.

Therefore, the conclusions in the IS/MND regarding potential emergency generator impacts are supported with substantial evidence.

In addition, refer to Response to Comment 3-9.

Comment 3-26

Conclusion

The facts identified and referenced in this comment letter lead me to conclude that the Project could result in significant unmitigated impacts if the air quality, GHG and health risk analyses are not corrected.

Response to Comment 3-26

This comment provides a conclusion to the commenter's letter. Responses to commenter's comments are provided in Responses to Comment 3-21 through 3-25. No further response is required.

Comment 3-27

Attachment: CalEEMOD Model Output Including Emergency Generators in Operational Analysis

Response to Comment 3-27

The CalEEMod Model Outputs referenced in the comment are not provided in the comment letter. Therefore, no responses are required.

Comment 3-28

Per your request, I have reviewed the subject matter documents for the 1977 Saturn Data Center Project (Project) Mitigated Negative Declaration (MND) in Monterey Park, California. The MND includes a Noise and Vibration Analysis Memorandum as Appendix J (Noise Memo). The project would demolish existing structures and construct a one story building.

Wilson Ihrig, Acoustical Consultants, has practiced exclusively in the field of acoustics since 1966. During our 58 years of operation, we have prepared hundreds of noise studies for Environmental Impact Reports and Statements. We have one of the largest technical laboratories in the acoustical consulting industry. We also utilize industry-standard acoustical programs such as

Roadway Construction Noise Model (RCNM), SoundPLAN, and CADNA. In short, we are well qualified to prepare environmental noise studies and review studies prepared by others.

Response to Comment 3-28

This comment introduces the comments in the Jue Letter. The comment is noted, and no further response is required.

Comment 3-29

Adverse Effects of Noise[1]

Noise-Induced Hearing Loss. If a person is repeatedly exposed to loud noises, he or she may experience noise-induced hearing impairment or loss. In the United States, both the Occupational Health and Safety Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH) promote standards and regulations to protect the hearing of people exposed to high levels of industrial noise.

Speech Interference. Another common problem associated with noise is speech interference. In addition to the obvious issues that may arise from misunderstandings, speech interference also leads to problems with concentration fatigue, irritation, decreased working capacity, and automatic stress reactions. For complete speech intelligibility, the sound level of the speech should be 15 to 18 dBA higher than the background noise. Typical indoor speech levels are 45 to 50 dBA at 1 meter, so any noise above 30 dBA begins to interfere with speech intelligibility. The common reaction to higher background noise levels is to raise one's voice. If this is required persistently for long periods of time, stress reactions and irritation will likely result.

Sleep Disturbance. Noise can disturb sleep by making it more difficult to fall asleep, by waking someone after they are asleep, or by altering their sleep stage, e.g., reducing the amount of rapid eye movement (REM) sleep. Noise exposure for people who are sleeping has also been linked to increased blood pressure, increased heart rate, increase in body movements, and other physiological effects. Not surprisingly, people whose sleep is disturbed by noise often experience secondary effects such as increased fatigue, depressed mood, and decreased work performance.

Cardiovascular and Physiological Effects. Human's bodily reactions to noise are rooted in the "fight or flight" response that evolved when many noises signaled imminent danger. These include increased blood pressure, elevated heart rate, and vasoconstriction. Prolonged exposure to acute noises can result in permanent effects such as hypertension and heart disease.

Impaired Cognitive Performance. Studies have established that noise exposure impairs people's abilities to perform complex tasks (tasks that require attention to detail or analytical processes), and it makes reading, paying attention, solving problems, and memorizing more difficult. Therefore, there are standards for classroom background noise levels, which is why offices and

libraries are designed to provide quiet work environments. One societal change brought about by the COVID-19 pandemic is that many people now routinely work and learn from home, and this has given rise to more noise complaints from loud daytime activities such as construction work.

Footnote 1: More information on these and other adverse effects of noise may be found in *Guidelines for Community Noise*, eds B Berglund, T Li nd vail, and D Schwela, World Health Organization, Geneva, Switzerland, 1999. (https://www.who.int/docstore/peh/noise/Comnoise-l.pdf)

Response to Comment 3-29

This comment contains a general summary of the effects of noise and does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 3-30

Errors and Omissions

The MND and Noise Memo contain several errors and omits several items. Several of these items are explored in more detail following this list:

1. The MND does not identify the noise metrics used for the existing noise data. The Noise Memo describes several different metrics, and it not clear which ones are being used to present the existing noise in Table 4.13-2. In order to use this data to adjust the City's noise ordinance for the measured noise level, this should be the **L_{50}, or median noise** level, however Table 4.13-6 references these values as L_{eq}, and the construction noise analysis uses L_{eq}. L_{50} and L_{eq} are not the same metric; the L_{eq} can be very similar to L_{50}, but it is often several decibels higher. Using the proper median value would result in significant impacts.

2. For the purposes of CEQA, the MND must provide an analysis of potentially significant impacts. Therefore, the existing noise in Table 4.13-2 must show the range of the median noise level (L_{50}) derived on an hourly basis during daytime and nighttime periods, and the minimum values must be used to evaluate potentially significant impacts.

Response to Comment 3-30

This comment claims the IS/MND should have used L_{50} instead of L_{eq} to analyze potential noise impacts. This comment is incorrect because the ambient noise measurements shown in IS/MND Table 4.13-2 are L_{50} (median) noise measurement data collected by Veneklasen Associates (refer to IS/MND Appendix J). IS/MND Table 4.13-2 uses the term "Average Level" in the column heading but is not intended to mean L_{eq}. The term "Average Level" is intended to differentiate

between the daytime and nighttime noise levels also reported in the table. The source data for IS/MND Table 4.13-2 (i.e., Table 1 in Attachment B to IS/MND Appendix J) uses the term "Measured Level", which is the L_{50} (median) level and not L_{eq} or "Average Level". As the comment incorrectly assumes that the measured noise levels are L_{eq} and not L_{50}, the assertion that impacts are underestimated is incorrect. Additionally, the IS/MND Table 4.13-6 incorrectly labeled the noise metrics in the column headings as L_{eq}. Therefore, the IS/MND will be revised to correct this typographical error; refer to Response to Comment 3-6.

In addition, refer to Response to Comment 3-6 regarding the median and the L_{eq} noise level. As noted above, the correct noise metric was used in the IS/MND analysis and no potentially significant impacts were identified.

Comment 3-31

3. The noise analysis neglects to take into account the tonal penalty that the City applies to noise equipment (such as chillers and generators). This is an error, and the noise limits shown in Table 4.13-6 must reflect a lower noise limit reduced by 5 dBA. As described below, using the correct noise limit would result in significant noise impacts.

Response to Comment 3-31

This comment incorrectly claims that "[t]he noise analysis neglects to take into account the tonal penalty that the City applies to noise equipment (such as chillers and generators)." The comment does not cite which section of the MPMC contains the alleged requirement. Nonetheless, to provide a good-faith response, it is assumed the commenter is referring to MPMC Section 4.50.090, which states that "[s]hould an alleged noise disturbance contain a steady, audible tone, such as a whine, screech, beating, pulsating, throbbing, or hum, the noise level limits set forth in this chapter will be reduced by five dB for purposes of determining whether a violation exists." Importantly, note that this section is for "alleged noise disturbances" and is not for modeling noise impacts pursuant to CEQA thresholds. Thus, the comment is misapplying the MPMC as a fundamental point.

Moreover, it should be noted that the noise modeling in the IS/MND and Supplemental Technical Analysis accounts for the full frequency spectrum of the equipment based on manufacturer specifications. Therefore, the modeling already accounts for the potential noise characteristics of the equipment because sound power level provided by the manufacturer includes the total acoustic energy or total of all frequencies the equipment would emit.

Additionally, as discussed in IS/MND page 114, the Project's mechanical equipment is subject to MPMC Section 21.14.150, which requires mechanical equipment to be installed with permanent sound proofing measures, including, but not limited to, enclosures, parapet and sound attenuating walls and screens. These type of features are included in the Project design.

Comment 3-32

4. The Noise Memo does not provide evidence to document the source of the Project's rooftop equipment noise emission levels. The MND states that 23 rooftop chillers and 14 emergency generators will be utilized (p. 10). The Noise Memo does not identify the source of the reference sound power levels used in its analysis for HVAC rooftop equipment and it lacks sound power data for the generators. The failure to identify the HVAC and generator sound power data makes it impossible to evaluate the Noise Memo's conclusions regarding operational noise impacts. The MND's conclusions that the project will not cause significant noise impact is therefore not supported by substantial evidence.

Response to Comment 3-32

The comment claims that "[t]he Noise Memo does not identify the source of the reference sound power levels used in its analysis for HVAC rooftop equipment and it lacks sound power data for the generators." The comment is correct. In response, and to clarify the IS/MND analysis, the following information is added.

The source reference sound power level for the chillers used in the analysis is included in Appendix J: Noise and Vibration Analysis Memorandum. The emergency generators are exempt from analysis per MPMC Section 4.50.050, therefore no reference levels are required for analysis.

In addition, refer to Response to Comment 3-15.

Comment 3-33

5. The construction noise analysis erroneously relies on FTA guidance criteria without taking into account the existing noise environment. The FTA guidance states, "Project construction noise criteria should account for the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land use."

For the purposes of CEQA, the closest distances must be used to identify potentially significant noise impacts.

Response to Comment 3-33

This comment makes two inaccurate claims regarding the existing noise environment and the distances used to identify noise impacts.

Regarding the existing noise environment, the FTA guidance quoted in the comment also states that the absolute noise levels should be accounted for as well as the duration of construction and adjacent land use. The IS/MND's construction noise analysis accounts for all of these criteria. Existing noise levels are documented in IS/MND Table 4.13-2 and range from 55 to 65 dBA. The

construction noise analysis modeled specific pieces of equipment for each stage of construction and accounted for the distances to the surrounding sensitive receptors. Unlike operational noise, which persists indefinitely, construction noise is temporary and limited to specific phases. Additionally, the existing noise environment shown in IS/MND Table 4.13-2 are levels that are typical of an urban/suburban area.[5] The existing noise levels would not combine or interact with Project construction levels because of the logarithmic nature of sound energy (i.e., the existing noise environment would not increase construction noise levels). Due to the temporary nature of construction noise and the fact that it would occur only during daytime, and the fact that construction noise would not exceed the FTA's standards, increases above the existing noise environment would not be significant.

The FTA Transit Noise and Vibration Assessment Manual provides guidelines that are considered reasonable criteria for assessment. Regarding the distances used to analyze impacts, the FTA guidance establishes guidelines for quantitative construction noise assessments and notes that mobile equipment moves around the construction site and therefore permits the use of modeling that assumes all equipment operates at the center of the project. Accordingly, the noise modeling for construction applied this acceptable noise modeling method for the operation of construction equipment consistent with the relevant provisions of the FTA guidance.

Comment 3-34

Item #3 Mechanical Equipment Noise Levels Would Be Significant

Table 4.13-6 contains two errors: 1) the Ambient noise level referenced must be the median noise level, L50 *[sic]*, not the Leq *[sic]*, 2) the noise limit must be lowered by 5 dBA as noted above. Furthermore, for the purposes of CEQA and an MND analysis, the ambient median noise levels referenced should be reflective of the lowest values in the daytime and nighttime periods.

As shown, with these errors, the mechanical equipment noise would exceed the noise limits during the nighttime hours at the residences to the west, and at the northeastern residences the noise limits would be exceeded during the daytime and nighttime hours. See Figure 1. Since the L50 *[sic]* is less than the Leq *[sic]*, the actual quiet range of the median levels should be even lower than shown in the MND Table 4.13-6, which could result in significant noise impacts for daytime hours.

[5] James P. Cowan, *Handbook of Environmental Acoustics*, page 37, 1994.

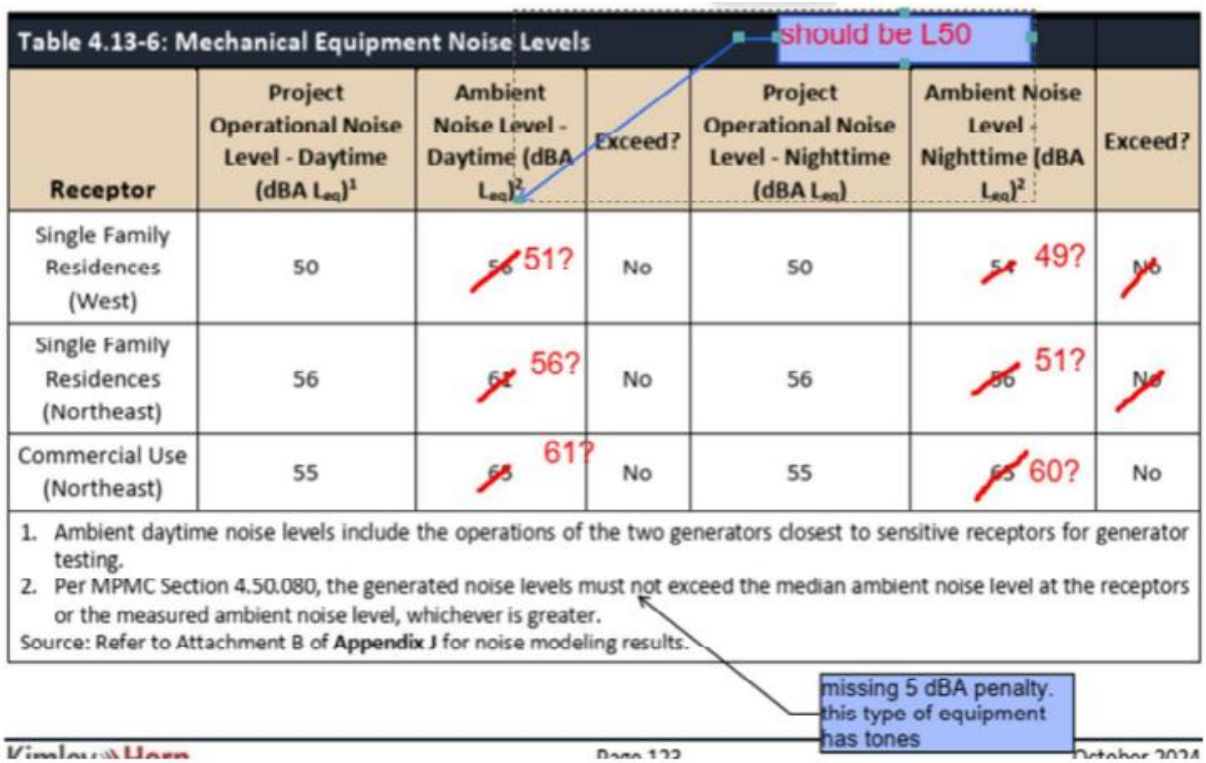

Table 4.13-6: Mechanical Equipment Noise Levels

should be L50

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA L_{eq})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA L_{eq})[2]	Exceed?
Single Family Residences (West)	50	51?	No	50	49?	No
Single Family Residences (Northeast)	56	56?	No	56	51?	No
Commercial Use (Northeast)	55	61?	No	55	60?	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

missing 5 dBA penalty. this type of equipment has tones

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Figure 1 Markup of Table 4.13-6 from MND – MND Omits Generator Noise

Response to Comment 3-34

This comment claims that there are two errors in Table 4.13-6 of the IS/MND, which is incorrect, as discussed below.

First, the comment claims that the ambient noise level referenced must be the median noise level, L_{50}, not L_{eq}. This claim is not technically accurate because the ambient noise measurements shown in IS/MND Table 4.13-6 are in fact L_{50} (median) noise levels. As noted above, the IS/MND Table 4.13-6 incorrectly labeled the noise metrics in the column headings as L_{eq}. Therefore, the IS/MND will be revised to correct this typographical error; refer to Response to Comment 3-6. As the comment incorrectly assumes that the measured noise levels are L_{eq} and not L_{50}, the assertion that impacts are underestimated is incorrect.

Second, the comment claims that the noise limit must be lowered by 5 dBA, which is also inaccurate because the analysis uses the correct L_{50} (median) noise levels. The comment also arbitrarily identifies a 5 dBA correction from L_{eq} to L_{50} without any citation or source. Regardless, as noted above, the analysis is based on the correct L_{50} levels and the analysis's conclusions remain unchanged. In addition, refer to Response to Comment 3-31 regarding mechanical equipment and the inapplicable 5 dB penalty.

Comment 3-35

Item #4 Generator Mechanical Equipment Noise Levels Would Be Significant

The results Table 4.13-6 cannot be verified since the source power levels for the chillers and RTUs are not provided in the Noise Memo. Furthermore, the noise from generators was not evaluated citing an "emergency" exemption. However, given the challenges with the California power grid and wildfire in recent years, a power outage could occur at the Project site that would not be considered a local "emergency". Therefore, for purposes of CEQA the noise from 12 simultaneously operating generators must be included. The sound from the generators could be the same or higher than the chillers and RTUs, and the combined operation of all mechanical equipment could be 3 dBA or more than shown in Table 4.13-6 (replicated above in Figure 1). Generators can be provided with sound reducing enclosures, and these must be included as mitigation.

Response to Comment 3-35

This comment initially claims that results Table 4.13-6 cannot be verified since the source power levels for the chillers and rooftop units (RTUs) are not provided in the Noise Memo. In response to this comment, the RTUs (chillers) reference levels have been added to the Supplemental Technical Analysis. Accordingly, the noise modeling for the RTUs is included in the IS/MND and supported by evidence.

Next, this comment questions the emergency exemption in the MPMC based on the commenter's speculation of power outages. This comment is inaccurate for the following reasons.

As discussed on page 123 of the IS/MND, and as provided precisely by Section 4.50.050(b), Noise Disturbances – Exemptions, of the MPMC ". . .. emergency generators or equipment used during a power outage or other emergency" are exempt and therefore not considered noise disturbances. Therefore, the IS/MND was not required to analyze the hypothetical case of generator noise during a potential emergency or power outage, nor would such noise be considered a noise disturbance per the MPPC. In addition, the noise from foreseeable periodic testing of emergency generators, although temporary and occasional, was included in the IS/MND operational noise analysis.

Also, it should be noted that Southern California Edison will supply power to the Project Site with newly constructed power facilities. See Figure 2-4 in the IS/MND, which illustrates the dedicated power lines for the Project. The Project will have a dedicated feed line that will directly service the data center power demand. Accordingly, the Project is less likely to experience potential power outages than other facilities without dedicated power interconnections. This further reduces the likelihood of a hypothetical power loss scenario.

Finally, it should also be noted that the generators are in fact enclosed with noise-reducing enclosures. That design is already built into the generator unit and thus these design features attenuate noise from the source. Thus, the commenter is mistaken that such features must be included as mitigation.

In addition, refer to Response to Comment 3-14.

Comment 3-36

Item #5 Construction Noise Impacts Would Be Significant

If the ambient L_{eq} are what is shown in Table 4.13-2, based on the discussions above, the ambient noise levels at residential areas ranges from 55 to 60 dBA, and the FTA 80 dBA noise threshold for residential shown in Table 4.13-5 would be 20 to 25 dBA higher than the ambient. This would be experienced as noise that is more than four times the existing environment, and it would be a significant impact. Allowing construction noise to exceed the ambient by more than 10 dBA would interfere with speech at neighboring properties. For purposes of CEQA and the MND, the construction analysis must also consider the construction noise from activities near the property line; the noise from these activities would be higher than those shown in Table 4.13-5 which were calculated at distances from the "main activity center". The Noise Memo provides that Sensitive Receptors in single family residences are 65 feet west of the Project site (Table 3). But, based on review of the MND's Figure 2-2 Local Vicinity Map, it is clear that the Project site directly abuts the residence at 2204 Iris Way, and may be as close as 20 feet from the construction zone on the Project site. Construction noise closer to the property line will result in significant noise impacts to nearby sensitive receptors, which will be more severe than analyzed in the MND. These significant impacts would require mitigation, such as sound walls and a construction noise plan. It is possible that some of these potentially significant impacts could not be mitigated below the level of significance, in which case an EIR must be provided.

Response to Comment 3-36

This comment claims generally that construction noise impacts would be significant. That claim is facially inaccurate because the MPMC exempts construction noise from numerical standards. See MPMC Section 4.50.100(a), which states that construction activities are expressly exempted from the sound level limits in the MPMC. The Project would comply with the hours of operation provided in the MPMC, and thus, all construction activities related to the Project are considered exempt from the standards established in the noise ordinance.

Appendix J: Noise and Vibration Analysis Memorandum of the IS/MND explained that construction noise is exempt from the noise standards in the MPMC. Specifically, MPMC Section 4.50.100: Sound level limits – Exceptions provides that "[c]onstruction activities between seven a.m. and seven p.m. Monday through Friday, and between nine a.m. and six p.m. on Saturdays,

Sundays and Holidays" are exempt from sound level limits in the MPMC. The Project would comply with the days and hours of activity established by the City code. Therefore, as explained in the IS/MND, the construction noise analysis provided was for informational purposes only.

Moreover, from a CEQA perspective, the applicable threshold of significance is whether the Project would generate noise levels "in the vicinity of the project in excess of standards established in the noise ordinance." In addition, the City established the noise limits currently in the MPMC with Ordinance No. 2204, which defines a "noise disturbance" as noise that "affects at the same time an entire neighborhood or any considerable number of persons." This standard also aligns with CEQA impact analysis rationale whereby the impacts of a project are analyzed in the context of the environment and not necessarily the impacts on an individual. As demonstrated in the IS/MND and the Supplemental Technical Analysis, the Project does not have a significant construction noise impact due to the MPMC exemption, and in any case, construction noise is not excess of standards within the vicinity of the Project and does not affect an entire neighborhood or any considerable number of persons. Therefore, construction noise impacts remain less than significant.

It should also be noted that the comment identifies only one receptor which may be located as close as 20 feet from the construction zone. As discussed above, and in Response to Comment 3-5 above, noise impacts are analyzed (per applicable FTA protocol) by considering the noise generating equipment located primarily in the middle of the construction site due to the mobile nature of construction equipment and the fact that construction activities are spread throughout the construction site. That methodology reflects actual construction activities because construction activities would not be located adjacent to the identified receptor for the entire duration of construction, and the vast majority of construction required to build the Project (i.e. heavy grading of the site, demolition of the existing building, and construction of the data center) is not located within close proximity to any considerable number of persons. Accordingly, even if the comment regarding receptor distance is true, the noise impact analysis was performed accurately according to established FTA methodology and the parameters of the MPMC.

Thus, the commenter's claim of significance is not accurate and is inconsistent with the applicable threshold and the applicable noise ordinance in the MPMC.

In addition, refer to Responses to Comment 3-5 and 3-33 regarding the appropriate methodology for measuring construction noise from the Project Site, which is supported by substantial evidence and industry standard for noise modeling.

Comment 3-37

Conclusions

The noise analysis for MND contains substantial omissions and errors. Correcting these issues would identify that Project would generate additional significant noise impacts and warrant an Environmental Impact Report (EIR) that includes mitigation measures to manage the anticipated impacts and full disclosure of any impacts that would remain significant.

Please feel free to contact me with any questions on this information.

Response to Comment 3-37

This comment concludes the commentor's remarks on the IS/MND. Good-faith reasoned responses, supported by evidence, are provided in Responses to Comment 3-28 through 3-36.

Letter 4

California Department of Conservation, Geologic Energy Management Division
3780 Kilroy Airport Way, Suite 400
Long Beach, CA 90806
Received on December 2, 2024

Comment 4-1

The Department of Conservation's Geologic Energy Management Division (Division) has reviewed the above-referenced project for impacts with Division jurisdictional authority. The Division supervises the drilling, maintenance, and plugging and abandonment of oil, gas, and geothermal wells in California. The Division offers the following comments for your consideration.

Response to Comment 4-1

This comment serves as an introduction to the commenter and comment letter. As this comment does not concern any information addressed or contained in the Public Review IS/MND, no further response is required.

Comment 4-2

The project area is in Los Angeles County and lies outside any designated oil field. However, based on the Division's online "Well Finder" application, an abandoned well, the "Monterey Park" 1 (API #03720192), is located within the footprint of the proposed new 1-story data center building. The Division's Construction Site Well Review Program should be contacted to review the status of this well. Division information can be found at: www.conservation.ca.gov. Individual well records are also available on the Division's web site, or by emailing CalGEMSouthern@conservation.ca.gov.

Response to Comment 4-2

The comment states that an abandoned well is located within the footprint of the new data center building. As discussed in the Phase I Environmental Site Assessment, provided as Appendix H of the Public Review IS/MND, a Report of Well Abandonment prepared by CalGEM is dated August 9, 1967. CalGEM indicated in their review of the associated reports and records that all requirements relative to plugging and abandonment of the well, removal of the well equipment and junk, and filling of the well records were fulfilled. In addition, the Phase I Environmental Site Assessment states that API #03720192 was a plugged and abandoned dry hole that did not produce oil or gas located on the subject property. Therefore, the Public Review IS/MND includes adequate information related to the well identified in this comment. As this comment does not provide further information that is not already included in the Public Review IS/MND, no further response is required. The comment is noted for the administrative record.

Comment 4-3

The scope and content of information that is germane to the Division's responsibility are contained in Section 3000 et seq. of the Public Resources Code, and administrative regulations under Title 14, Division 2, Chapters 2, 3 and 4 of the California Code of Regulations.

If any wells, including any plugged, abandoned or unrecorded wells, are damaged or uncovered during excavation or grading, remedial plugging operations may be required. If such damage or discovery occurs, the Division's district office must be contacted to obtain information on the requirements and approval to perform remedial operations.

The possibility for future problems from oil and gas wells that have been plugged and abandoned, or reabandoned, to the Division's current specifications are remote. However, the Division recommends that a diligent effort be made to avoid building over any plugged and abandoned well.

Questions regarding the Division's Construction Site Well Review Program can be addressed to the local Division's office in Long Beach by emailing CalGEMSouthern@conservation.ca.gov or by calling (562) 637-4400.

Response to Comment 4-3

This comment provides regulatory background related to the commenter's responsibilities and information related to any damage or discovery of wells. As this comment does not concern any information addressed or contained in the Public Review IS/MND, no further response is required. The comment is noted for the administrative record.

Letter 5

South Coast Air Quality Management District
Sam Wang
Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation
21865 Copley Drive
Diamond Bar, CA 91765-4178
Received on December 3, 2024

Comment 5-1

South Coast Air Quality Management District (South Coast AQMD) staff appreciate the opportunity to review the above-mentioned document. The City of Monterey Park is the California Environmental Quality Act (CEQA) Lead Agency for the Proposed Project. To provide context, South Coast AQMD staff has provided a brief summary of the project information and prepared the following comments which are organized by topic of concern.

Response to Comment 5-1

This comment serves as an introduction to the comment letter. This comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 5-2

Summary of Proposed Project Information in the MND

Based on the Draft Initial Study/Mitigated Negative Declaration (IS/MND), the Proposed Project consists of demolishing an existing site and constructing a new 218,400 square-foot data center with a new ancillary equipment yard, new electrical substation, parking, and landscaping. The ancillary equipment yard would be approximately 75,000 square feet and located adjacent to the data center's north side. The Proposed Project would include 14 new emergency diesel generators/engines to provide backup power in the event of an emergency. The Proposed Project would also include a new 24,000 square-foot electrical substation to provide electricity to the data center.[1] Based on a review of aerial photographs, South Coast AQMD staff found that the nearest sensitive receptor (e.g., residential development) is located 65 feet west of the Proposed Project.[2] Construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.[3] The site of the Proposed Project encompasses 15.8 acres and is located at 1977 Saturn Street.[4]

Footnote 1: IS/MND, Page 11.

Footnote 2: *Ibid,* Page 46.

Footnote 3: *Ibid,* Page 21.

Footnote 4: *Ibid,* Page 11.

Response to Comment 5-2

This comment summarizes the project description provided in the Public Review Draft Initial Study/Mitigated Negative Declaration (IS/MND). As noted in the Supplemental Technical Analysis (see **Appendix B**), the Applicant has refined the Project based on responses from the public and agencies, and a request from the City to improve the architectural design. As relevant for the South Coast Air Quality Management District (South Coast AQMD or SCAQMD) comments, it should be noted that the Applicant slightly reduced the total energy load of the Project and accordingly reduced the size and overall demand from the emergency generators. Also, importantly, the Applicant committed to using Tier 4 emergency generators for the Project based on the South Coast AQMD Certified ICE-Emergency Generators list (May 23, 2025) and in consideration of type of generator units recommended by generator vendors based on the Project characteristics. Refer to Supplemental Technical Analysis for generator specification data sheets. As further demonstrated below, and in the Supplemental Technical Analysis, the emissions from the Project remain below the applicable South Coast AQMD thresholds.

Comment 5-3

Recommend Revisions to the CEQA Regional and Localized Operational Air Quality Impacts Analysis

According to the Public Review IS/MND, the Proposed Project includes 14 new emergency diesel engines, each with a capacity of four megawatts (MW) which is equivalent to approximately 5,364 horsepower (hp), to be located on the north side of the site. The operational emissions, both regional and localized, have been evaluated and calculated using the California Emissions Estimator Model (CalEEMod), as detailed in Appendix A-1: Air Quality Analysis Memorandum. The Lead Agency concludes that the Proposed Project's operational emissions are less than the South Coast AQMD air quality significance thresholds for both regional and localized emissions.

However, the emissions calculations do not include operational emissions from the 14 new 5,364 hp emergency diesel engines, which would require air permits from South Coast AQMD. The omission of these operational emissions from the calculations is a major flaw in the analysis because the conclusion of less than significant air quality impacts is relying on underestimated emissions from all criteria pollutants. This is especially concerning considering the Proposed Project's proximity to residential neighborhoods.

Response to Comment 5-3

This comment generally recommends revisions to the regional and localized operational air quality impact analysis. As discussed below, the City has accordingly updated relevant impact analysis in response to this comment. As demonstrated in the IS/MND, and the Supplemental

Technical Analysis, the Project's peak daily emissions remain less than the South Coast AQMD's regional air quality significance thresholds and impacts remain less than the South Coast AQMD's localized impact thresholds. As recommended by South Coast AQMD, the operational emissions for the emergency generators are calculated in the Supplemental Technical Analysis.

The Project's operational CalEEMod run included the emissions associated with the data center including area, mobile emissions, and energy sources (IS/MND page 45). As discussed recently with South Coast AQMD staff, the emissions associated with the emergency generators were not initially included in the CalEEMod model as the exact operating limits were to be determined during the process of obtaining South Coast AQMD permits to operate consistent with regulatory compliance. This approach was explained on pages 45-46 of the IS/MND stating that "periodic testing and maintenance of the generators would be limited under the terms of South Coast AQMD operating permits to be obtained by the Applicant. Thus, the temporary emissions from the generators during testing and maintenance would be regulated by South Coast AQMD to ensure adherence to applicable thresholds and permit limits set by the regulating agency. As part of the regulatory compliance process, the Applicant will obtain Permits to Operate (PTO) from the South Coast AQMD before installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with South Coast AQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants).

In addition to the information provided in the IS/MND, and in response to South Coast AQMD's recommendation to quantify operational emissions from the emergency generators, the Supplemental Technical Analysis now provides such information. The Supplemental Technical Analysis includes detailed modeling information and analysis of the potential emissions. As discussed with South Coast AQMD, emissions were calculated using U.S. EPA- and CARB-approved emission factors in spreadsheets because CalEEMod does not account for the specific equipment configurations, manufacturer-rated emissions, and operational assumptions associated with these generator units. This provides a detailed, accurate, and project-specific analysis of potential emissions.

In addition, due to adjustments in the Project (based on responses to comments and Lead Agency's request) CalEEMod was updated for the current design. Table 5 in the Supplemental Technical Analysis includes the CalEEMod input changes. It should be noted that, while the maximum facility demand could be met with 18 generators, 6 additional generators will be installed to provide redundancy. However, all generators are for emergency use only. The analysis assumes up to 50 hours per year of generator use for testing and maintenance consistent with applicable regulatory limits and industry practice.

The Project will implement a Standard Operating Procedure (SOP) that limits testing and maintenance across all generators to no more than 13 hours per day. Testing and maintenance activities include regularly scheduled start-ups, and run-time checks to ensure the generators remain in proper working condition. These activities typically involve operating each generator under load for a short period of time (e.g., 15–60 minutes) on a monthly or quarterly basis), inspecting fuel, oil, and cooling systems, and verifying that emissions controls are functioning as designed. These procedures are carried out under controlled conditions and are required to ensure the generators will perform reliably in the event of an emergency outage. This modeling provided quantitative emissions for potential regional impacts and 1-hour, 8-hour, and 24-hour averaging times for localized impacts, as requested by South Coast AQMD.

Table 1 below demonstrates that the Project's regional operational emissions, inclusive of emergency generators, would not exceed applicable South Coast AQMD thresholds.

Table 1: Project Operational Emissions

Source	Emissions (pounds per day)[1]					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
Area	8.44	0.10	11.80	<0.01	0.02	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.18	0.16	1.81	<0.01	0.46	0.12
Emergency Generators[2]	14.80	52.85	105.69	0.58	2.33	2.33
Total	**23.42**	**53.11**	**119.38**	**0.58**	**2.78**	**2.44**
SCAQMD Threshold	55	55	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.22, as recommended by South Coast AQMD. Worst-case seasonal maximum daily emissions are reported.
2. Calculations were performed in spreadsheet calculations. The modeling assumed no more than 13 hours of testing and maintenance run time in any one day for all generators.

Source: CalEEMod version 2022.1.1.22. Refer to **Appendix B: Supplemental Technical Analysis** for model outputs.

Comment 5-4

To ensure a comprehensive analysis of the Proposed Project's regional and localized air quality impacts on the surrounding area, it is recommended that the Lead Agency:

- Include the calculated emissions from the 14 new 5,364 hp emergency diesel engines. Permits for emergency engines are typically limited to up to 50 hours per year for maintenance and testing and no more than 200 hours per year of total operation (this

includes emergency use). Therefore, the CEQA document should calculate the emissions from the operation of all 14 emergency engines for 200 hours per year or if a lower number of hours of operation is used, South Coast AQMD staff would have to include a condition in the permit limiting the hours of operation to what was assumed in the CEQA document. Please also note that depending on the engine tier, the Proposed Project might trigger Title V requirements, as described later.

- Re-run CalEEMod to incorporate these emissions and reassess the total operational emissions.

Response to Comment 5-4

The comment recommended that the IS/MND include calculated emissions for the emergency diesel engines. In response to this comment, the Lead Agency has supplemented the IS/MND and it includes emission estimates from operation of the anticipated generators.

As discussed in Response to Comment 5-3, the emergency generator emissions calculations and operating limits for the emergency generators have been evaluated and calculated in the Supplemental Technical Analysis. The engine parameters utilized in the IS/MND were Tier 4 certified engines on the South Coast AQMD Certified ICE-Emergency Generators list updated May 23, 2025. See **Table 2** below for the engine parameters associated with the Project as refined based on public comments and Lead Agency requests.

Table 2: Project Engine Parameters

Make	Model	#	MW
Cummins	QSK78-G11 W/ D5F-H Tier 4f Aftertreatment	18 generators (plus 6 for redundancy)	2.75

Additionally, **Table 3** below provides operational and modeling assumptions used in the Supplemental Technical Analysis.

Table 3: Operational Assumptions

Analysis Scenario	Number of Generators	Generator Rating (MW)	Hours of Operation
Criteria Pollutants, regional[1]	4-24	2.75	13/day
Criteria Pollutants, localized[1]			
1-hour averaging time	1+		1/day
8-hour averaging time	2+		8/day
24-hour averaging time	4-24		13/day
Potential to Emit (PTE)[2]	24	2.75	50/year
Greenhouse Gas Emissions[1]			
Health Risk (Toxic Air Contaminants Emissions)[3]			
NO_X National Ambient Air Quality Standard (NAAQS) Analysis[4]	24		200/year

1. Engine testing represents the maximum reasonably foreseeable operational scenario, and the Applicant will limit the total hours of maintenance and testing to no more than 13 hours per day from all generators. South Coast AQMD permits typically limit each generator to no more than 4.2 hours per calendar month. Routine testing must be performed during the day so that the operator can view the exhaust.
2. South Coast AQMD Rule 1470 (c)(2)(C)(i) limits engine operation for maintenance and testing to 50 hours per year. Also pursuant to South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
3. The analysis assumes up to 50 hours per year of generator use.
4. In accordance with U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*. This hours of operations assumption forNO_2 NAAQS analysis only.

Refer to **Appendix B: Supplemental Technical Analysis** for model outputs.

The comment stated that the CEQA document should calculate the emissions from the operation of the emergency generators for 50 hours per year for maintenance and testing and no more than 200 hours per year (based on typical permits) total operation or a lower number of hours of operations if that is assumed for the Project. It should be noted, however, that South Coast AQMD CEQA thresholds for criteria pollutants are based on maximum daily emissions, not annual permitted emissions. For this Project, typical testing for a generator is approximately 15 minutes with some tests requiring more time, up to 4.2 hours. The standard operating procedure (SOP) applied here is no more than 13 generator hours being operated per day. These operating conditions and limits are reflected in **Table 3**, above.

In addition, it should be noted that the presumed permit limit of 200 hours per year from all 24 generators was used in the federal NO_2 NAAQS modeling, in accordance with U.S. EPA guidance

on intermittent sources. As discussed above, and discussed in the IS/MND, regulatory permitting for the generators would occur in the future once the Applicant procures generators for the Project and applies for permits to operate from the South Coast AQMD. Hence, reasonable operational assumptions, based on anticipated generator models and related emissions factors, were utilized for impact analysis in the CEQA document. Also note that 50 hours was used to calculate emissions of toxic air contaminants (TACs), including diesel particulate matter (DPM), which reflects the California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) for Stationary Diesel Engines (California Code of Regulations, Title 17, §93115) and South Coast AQMD Rule 1470 parameters; and applicable OEHHA guidance.

Table 4 below lists the potential to emit (PTE) assuming 24 engines certified to U.S. EPA Tier 4 emissions standards operating at 50 hours per year, as required by South Coast AQMD Rule 1470 (c)(2)(C)(i). It should also be noted that the Project PTE would not exceed Title V major source thresholds, as further discussed below.

Table 4: Engine Potential to Emit

Scenario	Criteria Pollutant Emissions (tons per year)						
	VOC	**NO_x**	**CO**	**SO_2**	**PM_{10}**	**HAPs**	**Single HAP**
50 hours per year per generator							
Project PTE [1]	0.68	2.44	4.90	0.03	0.11	<0.10	<0.10
Title V Threshold	10	10	50	100	70	25	10
Exceed Title V Threshold?	***No***	***No***	***No***	***No***	***No***	***No***	***No***

1. PTE assumed the installation of 18 plus 6 redundant Tier 4 2.75 MW generators operating at 50 hours per year, and South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
Refer to **Appendix B.**

Accordingly, the Project does not trigger Title V requirements as emissions remain below South Coast AQMD, California Ambient Air Quality Standards (CAAQS), and National Ambient Air Quality Standards (NAAQS).

Comment 5-5

Utilize an appropriate air quality dispersion model, such as AERMOD, to evaluate localized air quality impacts to the 1-hour NOx federal and state ambient air quality standards (AAQS) from the operation of all 14 new 5,364 hp emergency diesel engines. Since the engines are not restricted to when they will be operated for maintenance and testing, the CEQA document should analyze the impacts from all 14 new 5,364 hp emergency diesel engines concurrently operating during a one-hour duration and compare the results to the AAQS.

Response to Comment 5-5

The comment recommended that the IS/MND include air quality dispersion modelling, such as AERMOD, to evaluate localized air quality impacts to the 1-hour NO_X federal and state ambient air quality standards (AAQS) from the operation of emergency diesel engines. In response, the Lead Agency has supplemented the IS/MND to include the recommended air quality dispersion modeling.

As discussed in Responses to Comment 5-3 and 5-4, the Supplemental Technical Analysis includes AERMOD dispersion modeling for the NAAQS, localized air quality impacts, and cancer risk for the emergency generators. Dispersion modeling was performed using the South Coast AQMD - preferred model, AERMOD, including building downwash considerations for the point sources. Emissions were calculated using project-specific emission data and factors described in Supplemental Technical Analysis. For the purpose of modeling NAAQS impacts, the Project appropriately applied different operational assumptions for federal and state analyses, consistent with applicable guidance. For the 1-hour NO_X National Ambient Air Quality Standards (NAAQS) modeling, emissions were modeled assuming up to 200 hours of annual operation per generator. This approach follows U.S. EPA and South Coast AQMD guidance, including the 1995 EPA *Seitz Memorandum* and U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*, which recommends using 200 hours per year to represent a conservative, but reasonable upper bound of operation for intermittent emergency engines when evaluating compliance with short-term criteria pollutant standards. Because the 1-hour NAAQS is intended to assess short-duration peak concentrations, use of the 200-hour scenario provides a protective demonstration of potential worst-case impacts to ambient air quality. See **Table 3** above in Response to Comment 5-4 for more information.

The maximum off-site concentrations of NO_2 from Project operations were added to the appropriate historical background concentrations and compared to the applicable AAQS. If a source's maximum impacts are below the applicable significant impact thresholds, the project is judged to not cause or contribute significantly to an AAQS violation or cause an increment violation. As shown in **Table 5** below, maximum emissions from the Project will not cause or contribute to a violation of an applicable NO_2 NAAQS or CAAQS. Therefore, impacts remain below applicable thresholds.

Table 5: AAQS Table

Pollutant	Averaging Time	Maximum Modeled Concentration ($\mu g/m^3$)	Background Concentration[1] ($\mu g/m^3$)	Total Ground Level Concentration ($\mu g/m^3$)	SCAQMD Threshold ($\mu g/m^3$)[2]	Threshold Exceeded?[3]
NO_2[4]	1-hour	17.37	101.05	118	339 (state)	No
	1-hour[5]	15.41	121.38	137	188 (federal)	No

	Annual	2.09	31.99	348	57 (state)	No
	Annual	2.09	31.99	34	100 (federal)	No

Notes:
1. Background concentrations are from the Pico Rivera Monitoring Station is located at 4144 San Gabriel River Parkway, Los Angeles. https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year.
2. All thresholds are shown in micrograms per cubic meter ($\mu g/m^3$) for comparison to modeled concentrations.
3. Exceedances of the thresholds are indicated in bold.
4. NO_2 concentrations were calculated per Tier 1 conversion in U.S. EPA's 40 CFR Part 51 Appendix W, Section 4.2.3.4.
5. This comparison is to the federal NAAQS, which is a 98th percentile threshold. The background concentration is the average of the 8th highest daily maximum 1-hour concentration.

Source: Refer to **Appendix B: Supplemental Technical Analysis.**

Comment 5-6

These updated calculations, along with their associated impact analyses, should be discussed and included in a revised CEQA document to provide a transparent and complete assessment of the Proposed Project's air quality impacts.

Response to Comment 5-6

The comment requested that the IS/MND include updated calculations and associated emissions analysis for the emergency generators. In response, the Lead Agency has supplemented the IS/MND with the Supplemental Technical Analysis and the quantitative modeling referenced in the responses to South Coast AQMD.

Comment 5-7

Recommend Revisions to Greenhouse Gas Analysis

According to Section 4.8, *Greenhouse Gas Emissions*, the Draft IS/MND concluded a less than significant impact on greenhouse gases (GHG). However, Table 4.8-3 – *Operational Greenhouse Gas Emissions Opening Year* indicates that the total GHG emissions from the Proposed Project would be 85,309 MTCO2e *[sic]* per year, which significantly exceeds South Coast AQMD's air quality significance threshold for GHGs emissions of 10,000 MTCO2e *[sic]* per year. As such, the GHG emission impacts of the Proposed Project should be concluded as significant. If the Proposed Project results in significant environmental impacts that cannot be mitigated to a "less than significant" level through feasible mitigation measures, a more comprehensive environmental review, such as an Environmental Impact Report (EIR), will be required. The EIR must also include an analysis of alternative project options that could potentially reduce the environmental

impacts. The Lead Agency is recommended to address this issue and revise the CEQA document accordingly.

Response to Comment 5-7

The comment stated that the Project emissions exceed " . . . the South Coast AQMD's air quality significance threshold for GHGs emissions of 10,000 MTCO2e per year." As discussed below, that threshold does not apply to the Project or the IS/MND.

The 10,000 $MTCO_2e$ GHG interim threshold referenced above is for projects where South Coast AQMD is the lead agency. The comment appears to be referencing threshold guidance in the *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans* (December 5, 2008 board meeting).[6] In that document, the South Coast AQMD states: "This action is to adopt a resolution approving the Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans where AQMD is the lead agency." South Coast AQMD is not the lead agency for the Project. Therefore, the threshold noted in the comment does not apply here. The document continues to explain on page 2, "The interim GHG significance threshold proposal recommended by staff to the Board that applies only to industrial (stationary source) projects where the AQMD is the lead agency is a narrower recommendation than the version presented at the October 29, 2008 Climate Change Committee meeting." It should be noted that the Project is not considered an industrial source.

In addition, it should be noted that the document also states that "[i]f the proposed project is consistent with the qualifying local GHG reduction plan, it is not significant for GHG emissions." As explained below, and in other responses to comments, the Project is consistent with the Lead Agency's local GHG plan.

Specifically, as discussed in the IS/MND, the City of Monterey Park has a Climate Action Plan (CAP). The CAP outlines the actions the City would undertake to achieve its proportional share of State GHG emission reductions for the target year 2035. Individual projects demonstrate their compliance with the CAP through the consistency table analysis. The CAP is a qualified local GHG reduction plan under CEQA, which can be used to determine the significance of GHG emissions from a Project. Therefore, the Lead Agency applied the correct GHG threshold of significance and the IS/MND determined impacts to be less than significant.

Comment 5-8

Health Risk Assessment (HRA) during Project Operation

Similarly, the Draft IS/MND for the Proposed Project does not include a comprehensive assessment of the health risks associated with operating 14 new 5,364 hp emergency diesel engines. This omission of a health risk analysis from the calculations is another major flaw in the analysis because the majority of toxic air contaminants (TACs) emissions, primarily as diesel

[6] South Coast AQMD, *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans*, 2008. https://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgboardsynopsis.pdf. Accessed September 29, 2025.

particulate matter (DPM) which is an air toxic and a carcinogen, will be emitted by these 5,364 hp engines. Additionally, the site of the Proposed Project is adjacent to multiple residential neighborhoods, with the nearest sensitive receptor located within 65 feet north of the Proposed Project site. As a result, the potential cancer risk associated with these 14 new 5,364 hp emergency diesel engines from the Proposed Project remains unknown and undisclosed.[5]

Based on the project description for the 14 new 5,364 hp emergency diesel engines, South Coast AQMD staff conducted a preliminary evaluation to estimate the potential cancer risk (CR). Using the Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files for South Coast AQMD permit applications and CEQA analyses[6], the estimated CR from one new 5,364 hp emergency diesel engine could be as high as 134 in one million, which significantly exceeds the South Coast AQMD CR threshold of 10 in one million.[7]

This calculation is based on the following assumptions:

- The diesel generator is equipped with a U.S. EPA-certified Tier 2 non-road diesel engine.[8]
- Particulate matter (PM) emission rate of 0.15 grams per brake horsepower-hour (g/bhp-hr) for diesel engines rated at ≥560 kilowatts (kW).
- Emergency diesel engine capacity: 4-MW (equivalent to 5,364 hp)
- Operation: up to 200 hours per year.
- Distance to the nearest sensitive receptor: 65 feet.

When the CR is estimated for all 14 new 5,364 hp emergency diesel engines, the total CR will be 1,876 in one million, far exceeding South Coast AQMD's air quality significance threshold of 10 in one million for TAC impacts. This substantial cancer risk highlights the potential to create significant adverse impacts from the 14 new 5,364 hp emergency diesel engines to the surrounding community, with the nearest residential receptors bearing the largest burden of that exposure.

Footnote 5: South Coast AQMD's guidance for performing a mobile source health risk assessment is available at: https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis

Footnote 6: South Coast AQMD's Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files. https://www.aqmd.gov/assets/aermet/AERMET_files_And_HRA_Tool.html

Footnote 7: South Coast AQMD Air Quality Significance Thresholds. https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf

Footnote 8: EPA Emission Standards for Nonroad Engines and Vehicles. https://www.epa.gov/emission-standards-reference-guide/epa-emission-standards-nonroad-engines-and-vehicles

Response to Comment 5-8

The comment stated that the IS/MND did not include a comprehensive assessment of health risks associated with operating the emergency diesel engines; and recommended that the Lead Agency conduct an operational phase Health Risk Assessment (HRA) and include it in an updated CEQA document. In response to this comment, the City has prepared a comprehensive operational HRA that includes all emissions sources from the Project (including the emergency generators) and provided that in the Supplemental Technical Analysis as part of administrative record for the IS/MND. In addition, it should be noted that the IS/MND did include an HRA (as Appendix B) for Project construction and operations.

Nonetheless, the City has supplemented that HRA will additional analysis as requested by the comment. The HRA analysis requested by the South Coast AQMD, and provided in the Supplemental Technical Analysis, provides further evidence that the Project does not exceed applicable thresholds. As discussed below, and quantitatively demonstrated in the Supplemental Technical Analysis, the Project remains below applicable emissions thresholds for cancer risks and toxic air contaminants.

Also note that, as part of regulatory compliance, the Applicant will obtain Permits to Operate (PTO) from the South Coast AQMD prior to operation of the emergency generators. That permitting process further ensures that generators meet the applicable Best Available Control Technology (BACT) requirements and comply with South Coast AQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants).

As discussed in Responses 5-3 and 5-4, the Supplemental Technical Analysis includes AERMOD dispersion modeling for the 18 plus 6 redundant 2.75 MW Tier 4 emergency diesel engines, which is the operational expectations at this time for the Project. As discussed in the Supplemental Technical Analysis, the generator exhaust stacks will be routed to the roof of the data center building along the northern wall. The nearest residential receptors would be located approximately 330 feet away from these sources, with other receptors located further away. **Table 6** below demonstrates that the cancer risk , inclusive of construction and operational activities, remains below the applicable thresholds for residential and worker receptors, as identified in the IS/MND.

In addition, it should be clarified for the record that several of the assumptions listed in the comment are inaccurate. The clarifications are as follows. The comment assumed Tier 2 diesel engines, which is inaccurate. The Project will include Tier 4 diesel engines for emergency

generators, which have superior emissions control. The comment assumed engine capacity was 4 megawatt (MW), which is inaccurate. Based on detailed discussions with generator vendors, and anticipated market availability, the Applicant downsized the generators to approximately 2.75 MW, and used generator assumptions associated with the units identified on the South Coast AQMD Certified ICE-Emergency Generators list (May 23, 2025). The comment assumed the nearest sensitive receptor is 65 feet away, which is inaccurate. The nearest receptor is approximately five times further away (at 330 feet) from the closest operational point-source of emissions. Other receptors are even further away. Therefore, for several reasons, the emissions calculations in the comment are not representative of the Project. Accordingly, the Supplemental Technical Analysis, and related quantitative analysis in the IS/MND, more accurately represent the operational characteristics of the Project and the potential emission levels.

Therefore, as demonstrated by the comprehensive operational phase HRA requested, the potential health risk for residents and workers are below the applicable thresholds.

Table 6: Carcinogenic Risk Analysis

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential Receptors	3.41	10	No
Worker Receptor	0.16	10	No
Operations			
Residential Receptors	6.97	10	No
Worker Receptor	2.52	10	No
Combined Construction + Operation			
Residential Receptors	7.03	10	No
Worker Receptor	2.68	10	No
1. The reported cancer risk is at the closest maximally exposed individual receptor (MEIR) to the Project Site. Source: Refer to **Appendix B: Supplemental Technical Analysis.**			

Comment 5-9

Title V Permit Requirements

Title V is a federal program designed to standardize air quality permits and the permitting process for major sources of emissions across the country. Title V requirements are implemented by the South Coast AQMD through its Regulation XXX – Title V Permits.[11] *[sic]* Title V only applies to major sources, which the U.S. EPA defines as facilities that emit or have the potential to emit

(PTE) any criteria pollutant or hazardous air pollutant (HAP) at levels equal to or greater than the Major Source Thresholds (MST) found in Table 2 of South Coast AQMD's Rule 3001 – Applicability. For the South Coast Air Basin, which is where the Proposed Project is located, the MST is 10 tons per year for NOx.[9]

The U.S. EPA nonroad Tier 2 diesel engine emission limit for NOx + (Non-Methane Hydrocarbon) NMHC is 4.8 g/bhp-hr. Typically, NMHC accounts for 5% of this total (0.24 g/bhp-hr), leaving NOx emissions at 4.56 g/bhp-hr. Assuming NOx emissions are 4.56 g/bhp-hr and each 5,364 hp emergency diesel engine would be permitted to operate up to 50 hours per year for maintenance and testing, the 14 new emergency engines would emit 19 tons of NOx per year, which exceeds the MST. Therefore, the Proposed Project/facility would require an initial Title V permit application and be subject to Title V as well as South Coast AQMD Rule 317.1 – Clean Air Act Nonattainment Fees for 8-Hour Ozone Standards .[13] *[sic]* As part of the Title V permitting requirements, the facility will be required to install equipment that meets the Lowest Achievable Emissions Rate (LAER) at the time the permit is issued, which is currently a Tier 4 Final engine.

Therefore, the Lead Agency is recommended to revise the CEQA document to include a discussion of the Title V applicability requirements or apply additional feasible mitigation measures to ensure that the NOx emissions remain less than the MST.

Footnote 9: South Coast AQMD. Rule 3001 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xxx/rule-3001-applicability.pdf

Response to Comment 5-9

The comment generally explains the Title V federal program and its applicability. The comment identifies that Title V only applies to major sources, which the U.S. EPA defines as facilities that emit or have the potential to emit (PTE) any criteria pollutant at levels equal to or greater than the Major Source Thresholds (MST) found in Table 2 of South Coast AQMD's Rule 3001 – Applicability, which for the South Coast Air Basin, is 10 tons per year for NOx. This comment is noted. However, as discussed below, the Project does not have a PTE that triggers Title V applicability.

It should be noted that the comment assumed the Project would include Tier 2 diesel engines, at a larger size, when preliminarily calculating potential MST related to the Project. As noted above, those assumptions are inaccurate. The Project would include Tier 4 engines, which include superior air emissions control technology.

As shown on **Table 4** above, the PTE assuming emergency generator engines are Tier 4 (which accurately reflects the Project) would not exceed MST thresholds. Therefore, Title V does not apply to the Project. This analysis has been included in the supplemental analysis for the IS/MND as recommended by the comment.

Comment 5-10

Use of South Coast AQMD's Mass Rate Localized Significance Threshold (LST) Look-Up Table to Analyze the Proposed Project's Localized Air Quality Impact is not Consistent with Guidance for the LST Methodology

Based on the Project Description in MND, the Proposed Project covers approximately 15.8 acres.[10] The Lead Agency uses South Coast AQMD's Mass Rate LST Look-up Table for five acres as a screening tool to determine if the Proposed Project's operational daily emissions of NOx, CO, PM10 and PM2.5 could result in a significant impact to local air quality.[11] However, South Coast AQMD staff developed the LST methodology specifically for proposed projects that are less than or equal to five acres.[12] For projects exceeding five acres in size or projects that fall into specific categories outlined in Table 3-2 of the LST methodology, the Lead Agency is recommended to conduct project-specific dispersion modeling to accurately assess localized air quality impacts. Since the Proposed Project site is larger than five acres in size, includes numerous large combustion sources, and may potentially be subject to Title V requirements, the LST lookup tables are not applicable. Therefore, the Lead Agency is recommended to: 1) perform project-specific air dispersion modeling for the Proposed Project's operational phase emissions to determine localized air quality impacts; and 2) include the results in the revised CEQA document.

Footnote 10: IS/MND. Page 54.

Footnote 11: *Ibid.* Page 55.

Footnote 12: South Coast AQMD. Final Localized Significance Threshold Methodology available at

https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf

Response to Comment 5-10

The comment generally asserts that the use of South Coast AQMD's Localized Significance Threshold (LST) look-up tables is not consistent with guidance for the LST methodology; and then recommended that the Lead Agency perform project-specific dispersion modeling to evaluate localized operational air quality impacts. As discussed below, the City has performed additional dispersion modeling as recommended, even though the LST analysis in the IS/MND is conservative and provides adequate impact analysis. See the Supplemental Technical Analysis for supplemental technical analysis.

Regarding the IS/MND analysis, the South Coast AQMD's Localized Significance Threshold (LST) lookup tables and analysis were used as a conservative screening analysis. Page 4-1 of the South Coast AQMD's LST Guidance states:

> *"Screening procedures are by design conservative, that is, the predicted impacts tend to overestimate the actual impacts. If the predicted impacts are acceptable using the LST approach presented here, then a more detailed evaluation is not necessary."*

The allowable emissions under South Coast AQMD's LST screening tables increase as the acreage and distance to receptors increase because pollutants become dispersed (i.e., pollutants are less concentrated) over larger areas. Accordingly, the use of LST lookup values for this Project is conservative, as the screening thresholds already account for dispersion effects at larger sites and greater receptor distances. Therefore, the LST analysis in the IS/MND is conservative and project-specific air dispersion modeling is not technically necessary. However, as discussed above, dispersion modeling for the Project's localized operational pollutant concentrations was prepared and is included in the Supplemental Technical Analysis.

Using the South Coast AQMD's recommended approach, **Table 7** shows the maximum localized operational pollutant concentrations in the vicinity from peak day operational activity. These concentrations are the maximum levels and all other modeled locations in the study area would experience lower concentrations.. As shown in **Table 7**, the pollutant concentrations are well below the applicable ambient air quality standards and would not exceed the South Coast AQMD's thresholds.

Table 7: Modeling to Demonstrate Localized Operational Impacts

Pollutant	Averaging Time	Maximum Modeled Concentration	Background Concentration (µg/m^3) [1]	Total Ground Level Concentration (µg/m^3)	Threshold (µg/m^3) [2]	Threshold Exceeded?
NO_2 [3]	1-hour	61.34	101.05	162.39	339	No
CO	1-hour	216.24	2,176.66	2,392.89	23,000	No
	8-hour	89.13	1,718.41	1,807.54	10,000	No
PM_{10} [4]	24-hour	0.45	--	0.45	2.5	No
$PM_{2.5}$ [4]	24-hour	0.44	--	0.44	2.5	No

1. Background concentrations are from the Pico-Rivera Monitoring Station (4144 San Gabriel River Pkwy. Pico Rivera, CA 90660, AQS# 060371602).
2. Ambient air quality thresholds are from South Coast AQMD Rule 1303 and Rule 403. All thresholds are shown in micrograms per cubic meter (µg/m^3) for comparison to modeled concentrations.
3. NO_2 concentrations were calculated per Tier 2 ARM2 ratios in U.S. EPA's 40 CFR Part 51 Appendix W, § 4.2.3.4. Conversion of NO_X to NO_2 use U.S. EPA minimum and maximum default values NO_2/NO_X of 0.5 and 0.9, respectively.
4. The thresholds for PM10 and PM2.5 are incremental thresholds; therefore, the incremental concentration without background is compared to the threshold.

Source: Refer to **Appendix B: Supplemental Technical Analysis.**

Comment 5-11

South Coast AQMD Air Permits and Role as a Responsible Agency

Since implementation of the Proposed Project would require the use of new stationary sources, including but not limited to emergency generators, air permits from South Coast AQMD will be required. The revised CEQA document should include a discussion about the South Coast AQMD rules that may potentially apply to the Proposed Project. In addition to Regulation XXX and Rule 317.1, those rules may include, for example, Rule 201 – Permit to Construct,[13] Rule 203 – Permit to Operate,[14] Rule 401 – Visible Emissions,[15] Rule 402 – Nuisance,[16] Rule 403 – Fugitive Dust,[17] Rule 1110.2 – Emissions from Gaseous and Liquid Fueled Engines,[18] Rule 1166 – VOC Contaminated Soil Excavation,[19] Regulation XIII – New Source Review,[20] Rule 1401 – Air Toxics,[21] Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants,[22] Rule 1470 – Requirements for Stationary Diesel Fueled Internal Combustion and Other Compression Ignition Engines,[23] Rule 1472 – Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines, and etc.[30] *[sic]* It is important to note that when air permits from South Coast AQMD are required, the role of South Coast AQMD would change from a Commenting Agency to a Responsible Agency under CEQA. In addition, if South Coast AQMD is a Responsible Agency, per CEQA Guidelines Section 15086, the Lead Agency is required to consult with South Coast AQMD.

Footnote 13: South Coast AQMD. Rule 201 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-201.pdf

Footnote 14: South Coast AQMD. Rule 203 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-203.pdf

Footnote 15: South Coast AQMD. Rule 401 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-401.pdf

Footnote 16: South Coast AQMD. Rule 402 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf

Footnote 17: South Coast AQMD. Rule 403 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403

Footnote 18: South Coast AQMD. Rule 1110.2 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1110_2.pdf

Footnote 19: South Coast AQMD. Rule 1166 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1166.pdf

Footnote 20: South Coast AQMD. Regulation XIII available at https://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/regulation-xiii

Footnote 21: South Coast AQMD. Rule 1401 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf

Footnote 22: South Coast AQMD. Rule 1466 available https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1466.pdf

Footnote 23: South Coast AQMD. Rule 1470 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1470.pdf

Response to Comment 5-11

The proposed Project would be required to comply with South Coast AQMD Rules 402, 403, 1113, 1401, 1402, 1403, 1415, 1466, and 1470 which were included on pages 36-38 of the IS/MND. This comment is noted. It should also be noted that the IS/MND environmental consultants consulted with South Coast AQMD regarding issues raised in this comment letter as part of the process to prepare the final IS/MND.

Comment 5-12

CEQA Guidelines Section 15096 sets forth specific procedures for a Responsible Agency, including making a decision on the adequacy of the CEQA document for use as part of the process for conducting a review of the Proposed Project and issuing discretionary approvals. Moreover, it is important to note that if a Responsible Agency determines that a CEQA document is not adequate to rely upon for its discretionary approvals, the Responsible Agency must take further actions listed in CEQA Guideline Section 15096(e), which could have the effect of delaying the implementation of the Proposed Project. In its role as CEQA Responsible Agency, the South Coast AQMD is obligated to ensure that the CEQA document prepared for this Proposed Project contains a sufficient project description and analysis to be relied upon in order to issue any discretionary approvals that may be needed for air permits. South Coast AQMD staff is concerned that the project description and analysis in its current form in the MND is inadequate to be relied upon for this purpose.

Response to Comment 5-12

The comment references CEQA Guidelines Section 15096 regarding the procedures for a Responsible Agency. This comment is noted. It should also be noted that Responsible Agencies are agencies, other than the Lead Agency, that have some discretionary authority over an aspect of a project per CEQA Guidelines Section 15381. Here, the South Coast AQMD has discretionary authority over the permits to operate for the emergency generators proposed as part of the Project. In comparison, the City is the Lead Agency and has discretionary authority for purposes of CEQA compliance and the entitlements for the Project holistically.

As discussed in the IS/MND, and the responses to comments, the Applicant will, as part of the regulatory compliance process, obtain permits to operate from the South Coast AQMD before operation of the emergency generators to ensure that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with South Coast AQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants).

Furthermore, it should be noted that the Applicant requested and participated in a meeting with South Coast AQMD to review the agency's comment letter and help inform the responses to the comments prepared by the Lead Agency. In addition, the Lead Agency has provided good-faith reasoned responses to South Coast AQMD's comments, supported with evidence and quantitative technical modeling, as recommended by and discussed with the Responsible Agency. Also, Section 2.8 of the IS/MND identifies South Coast AQMD as an agency that may issue discretionary permits and rely on the scope of the IS/MND analysis and information included in the final administrative record. As demonstrated in the IS/MND, the Supplemental Technical Analysis, and responses to comments, the Project (including the emergency generators) does not exceed applicable thresholds of significance. Accordingly, the whole of the record for the final CEQA document contains sufficient analysis to support Project approvals and permits.

Finally, the City as the Lead Agency, understands and appreciates the South Coast AQMD's role as a Responsible Agency for the emergency generators permit to operate. Accordingly, the City has prepared comprehensive responses to, and provided technical analysis aligned with, South Coast AQMD's comment letter. Hence, the IS/MND and record for the Project contain detailed analysis for new equipment that could require South Coast AQMD air permits, and the totality of the record can provide a basis for eventual issuance of air permits from the Responsible Agency when it exercises its discretionary decision making.

Comment 5-13

For these reasons, the Final CEQA document should be revised to include a discussion about any and all new stationary and portable equipment requiring South Coast AQMD air permits, provide the evaluation of their air quality and greenhouse gas impacts, and identify South Coast AQMD as a Responsible Agency for the Proposed Project as this information will be relied upon as the basis for the permit conditions and emission limits for the air permit(s). Please contact South Coast AQMD's Engineering and Permitting staff at (909) 396-3385 for questions regarding what types of equipment would require air permits. For more general information on permits, please visit South Coast AQMD's webpage at https://www.aqmd.gov/home/permits.

Response to Comment 5-13

The comment stated that the CEQA document should be revised to address the issues raised in the South Coast AQMD comment letter. As explained in numerous responses above, the Lead

Agency has supplemented the IS/MND with additional analysis as recommended by South Coast AQMD, where applicable and accurate based on the characteristics of the Project. The remainder of this comment is noted.

Comment 5-14

Conclusion

Staff recommends that the Lead Agency revise the CEQA analysis to address the aforementioned comments by including emissions from the 14 new emergency engines and estimating the health risks to provide the necessary evidence to support the conclusions reached. If the requested information and analysis are not included in the Revised or Final MND or other type of CEQA document, the Lead Agency should provide reasons for not doing so. Pursuant to California Public Resources Code Section 21092.5(b) and CEQA Guidelines Section 15074, prior to approving the Proposed Project, the Lead Agency shall consider the MND for adoption together with any comments received during the public review process and notify each public agency when any public hearings are scheduled. Please provide South Coast AQMD with written responses to all comments contained herein prior to the adoption of the Final MND. When responding to issues raised in the comments, detailed reasons supported by substantial evidence in the record to explain why specific comments and suggestions are not accepted must be provided. In addition, if the Lead Agency decides to adopt the Final MND, please provide South Coast AQMD with a notice of any scheduled public hearing(s).

Response to Comment 5-14

This comment recommended that the Lead Agency revise the CEQA analysis to address the aforementioned comments by including emissions from the emergency engines and estimating the health risks to provide evidence to support the conclusions. The Lead Agency has provided such information, as recommended, and supported that information with evidence and quantitative modeling, in the Supplemental Technical Analysis and responses to comment above. In addition, the comment is noted regarding South Coast AQMD's request for notice of public hearings. The Lead Agency will adequately notice public hearings as required, including notifying interested parties and agencies.

Comment 5-15

Thank you for the opportunity to provide comments. South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact me at swang1@aqmd.gov or Sahar Ghadimi, Air Quality Specialist, at sghadimi@aqmd.gov should you have any questions.

Response to Comment 5-15

This comment serves as a conclusion to the comment letter and provides contact information should any questions arise. This comment is noted.

4.0 ERRATA

This Errata also includes changes that were made to clarify, correct, or supplement information provided in the Public Review IS/MND. These changes and additions were made to respond to comments received during the public review period. The changes provided do not add significant new information or require substantial revisions that would require recirculation of the IS/MND. Changes to the IS/MND are indicated below under the respective IS/MND section heading, page number, and paragraph. Paragraph reference is to the first full paragraph on the page. Deletions are shown with strikethrough and additions are shown with double underline.

1. Page 5, the first paragraph is revised as follows:

   The Applicant proposes to demolish the existing improvements on the real property located at 1977 Saturn Street, Monterey Park CA and construct a new data center with an ancillary equipment yard, substation, parking, and landscaping. The proposed data center would comprise a total of approximately ~~218,400~~ 247,480 square feet that would include approximately ~~109,970~~ 108,400 square feet of data hall space and approximately ~~91,889~~ 139,080 square feet of support and circulation space (collectively, the "Project"). A portion of the 139,080 square feet of support and circulation space consists of 13,264 square feet of unoccupiable area and overhangs that would be external to the building.

2. Page 5, the second paragraph is revised as follows:

   The data center building's support space would consist of office, loading docks, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses. The proposed data center building would have an FAR of 0.3~~2~~6.

3. Page 5, the third paragraph is revised as follows:

   The preliminary design of the proposed data center building would be ~~one story~~ two stories and ~~36~~ 39 feet and 10.5 inches in height measured from the Average Grade Plane to the top of the stair penthouse and 51 feet and 5.5 inches to top of mechanical equipment platform (~~46.5~~ 60 feet and 7 inches overall building height to the top of mechanical equipment platform screening when measured from the lowest corner of the building). . . To provide power during an interruption in SCE service, the Applicant would also install ~~14~~ 24 stationary diesel-fueled internal combustion engines and generators ("gen-sets"). The ~~14~~ 24 gen-sets, each capable of producing ~~four~~ 2.75 megawatts ("MW"), would be used only in the event of an emergency. The maximum power demand to maintain full ~~functionary~~ functionality of the data center is calculated to be approximately 49.~~9~~5 MW, which could be produced by ~~12~~ 18 of the gen-sets, allowing ~~2~~ 6 gen-sets to be a redundant back-up. ~~Twelve four~~ Eighteen 2.75 MW backup generators with a total generation capacity of up to ~~48~~ 49.5 MW and the ~~two~~ six redundant back-up generators

would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center. The ancillary equipment yard would be screened by a 20-foot tall ~~perforated~~ metal panel screen wall with louvers.

4. Page 5, the last paragraph is revised as follows:

   Additional on-site improvements would include ~~a~~ two trash enclosures, gated driveway access, parking lot, perimeter fencing, masonry wall on the northwestern portion of the site, two retaining walls along the northeasterly ~~and southwesterly~~ site boundary on Orange Avenue ~~and Saturn Street, respectively~~, and landscaping, as further described below.

5. Page 6, the last paragraph is revised as follows:

   Access to the Project Site is provided via two driveways off Saturn Street, one each off the eastern and western boundaries of the Project Site. Pedestrian access is provided via an existing sidewalk along the portion of Saturn Street that abuts the ~~southeastern~~ southwestern portion of the existing commercial office building. The Project Site includes existing utility connections (water, sewer, and electrical).

6. Page 10, Table 2-2: Major Equipment is revised as follows:

Table 2-2: Major Equipment		
Equipment	**Quantity**	**Location**
~~4~~ 2.75-MW standby generators	~~14~~ 24	North of and adjacent to the data center
~~125 kW~~ 525 Ton chillers	~~23~~ 24	On the roof of the proposed building

7. Page 10, the second to last paragraph is revised as follows:

   Exterior building elements and materials for the proposed data center would include metal panels, insulated precast concrete panels, ~~aluminum-framed~~ shadow box glass ~~storefront with an aluminum canopy~~, ~~aluminum-framed doors, and glazed windows~~ and perforated/louvered screen walls. Rooftop equipment would be screened from view from the surrounding area by 16-foot-tall metal panel acoustic and visual screens, and the gen-sets in the equipment yard would be screened from view by an approximate 20-foot-tall ~~perforated~~ metal panel screen wall with louvers.

8. Page 10, the last paragraph is revised as follows:

   The Project is required to provide ~~848~~ 990 parking spaces per MPMC Table 21.22(c), Nonresidential Parking Standards, of Section 21.22.120, Minimum Parking Spaces Required. . . Accordingly, the Project would include 68 parking spaces adjacent to the ~~eastern~~ western and northern sides of the proposed data center building, including three handicapped accessible spaces and three spaces for electric vehicles ("EV"). The Project would also include ~~two~~ one loading dock with four berths to accommodate deliveries and loading activities for the proposed data center.

9. Page 13, the first two paragraphs are revised as follows:

   . . . The driveway along the ~~eastern~~ western perimeter of the Project Site would serve as the main entry to the Project Site for passenger and service vehicles. . .

   Pedestrian access within the Project Site would also be provided via a walkway along the western, southern, and eastern sides of the data center. A pedestrian gate with sidewalk connection to the public right-of-way would be provided on Saturn Street west of the new ~~eastern~~ westerly driveway.

10. Page 13, the last paragraph is revised as follows:

    . . . A landscape buffer with a minimum width of three feet would also be provided along the northwestern boundary of the Project Site that abuts adjacent residential uses. The Applicant would provide to the City an approximately 39,915 square foot parcel to be owned and operated by the City as a landscaped public park located to the east of the proposed data center building and eastern driveway. Proposed landscaping for the Project Site would include native trees, shrubs, grasses, and groundcover, all of which would have very low or low water needs. The Project would plant ~~77~~ 186 new trees throughout the Project Site, ~~21~~ 28 of which would be street trees along the proposed sidewalk. Project development would include the removal of approximately 186 existing trees on-site.

11. Page 15, the second to last paragraph is revised as follows:

    Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately ~~65,000~~ 196,275 cubic yards of soil ~~export~~ import. Final grading plans would be approved by the City, as applicable.

12. Pages 15-16, the last paragraph on page 15 and the first paragraph on page 16 are revised as follows:

    A data center relies upon a constant supply of power to allow servers to operate continuously: 24 hours per day, seven days per week. To ensure continuous energy supply, the Project would utilize up to ~~12 4~~ eighteen 2.75-MW backup generators upon loss of grid power. . . The generators would be laid out in one row and reach a height of approximately 20 feet to top of generator enclosure, and up to ~~40~~ 38 feet to top of exhaust stack measured from Average Grade Plane.

13. Page 16, the third paragraph is revised as follows:

    Each generator would be provided with a ~~7,000~~ 4,600-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions. . . Batteries would provide

enough energy to cover the critical load of ~~36~~ 33 MW in the event of a power failure. UPS and batteries would be located in the data center, adjacent to the computer room the system serves.

14. Page 16, the fourth paragraph is revised as follows:

    . . . The heating, ventilation, and air conditioning ("HVAC") equipment would include ~~23~~ 24 air cooled chillers with free cooling modules, each rated at ~~460~~ 525-tons of capacity, in an N+1 redundancy configuration to support data hall operations. . .

15. Page 16, the last paragraph is revised as follows:

    Major sources of energy demand for Project operations would be client servers and the cooling system. The facility would use a maximum of ~~49.9~~ 49.5 MW for a maximum load of ~~1,197,160~~ 1,188,000 kilowatt-hours ("kWh") daily.

16. Page 21, an additional bullet is added to the list of discretionary permits/approvals:

    - Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;

    - City actions and permits to subdivide or parcel a portion of the Project Site, if needed, for dedication of a public park parcel;

17. Page 26, the second to last paragraph is revised as follows:

    . . . The proposed FAR for the Project is ~~0.32~~ 0.36, which is below the maximum permitted FAR. The Project would also have a maximum height of ~~36~~ 39 feet and 10.5 inches (exclusive of the mechanical equipment platform screening), which is below the maximum permitted height measured from the average grade plane (60 feet and 7 inches overall building height to the top of mechanical equipment platform screening when measured from the lowest corner of the building). The maximum building height is permitted pursuant to activation of the zoning standards in the BRDZ for the Project.

18. Page 45, the first paragraph under Operations is revised as follows:

    The primary purpose of the data center is to house computer servers for data processing. Operational sources of emissions include mobile sources (i.e., motor vehicle use for employee commuting) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). In addition, the proposed Project would include up to ~~12 4~~ 24 2.75-MW stationary emergency diesel generators, comprised of 18 generators with a total generation capacity of up to 49.5 MW and 6 redundant back-up generators, that would only be used if there was a loss of grid power; and occasionally for periodic maintenance and testing.

19. Page 52, the second paragraph under Operational Health Risk Analysis is revised as follows:

    The Project would include up to ~~12 4~~ 24 2.75-MW stationary emergency diesel generators, comprised of 18 generators with a total generation capacity of up to 49.5 MW and 6 redundant back-up generators, which would only be used upon hypothetical loss of grid power, and for periodic maintenance and testing, which is regulated by the SCAQMD permit process.

20. Page 66, the first paragraph is revised as follows:

    . . . It should also be noted that the Project is anticipated to have a blended Power Usage Effectiveness ("PUE") of ~~1.2~~ 1.5 due to free cooling modules on the air-cooled chillers. . .

21. Page 66, the third paragraph is revised as follows:

    Thus, the proposed Project would not result in a substantial demand for energy that would require expanded supplies or the construction of other infrastructure or expansion of existing facilities. The ~~14~~ 24 emergency generators are estimated to utilize approximately ~~198,912~~ 226,800 gallons per year of diesel due to testing and maintenance.

22. Page 91-92, the last paragraph on page 91 and the first paragraph on page 92 is revised as follows:

    The Project electricity usage would be mainly from the operation of the data center. The purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data in the **Appendix E**, Peak Power Demand Estimate Memorandum, the Project during peak load conditions would have a demand of ~~49,999 kilowatts per hour (KW/h)~~ 49.5 MW. The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of ~~437,991~~ 438,015 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the ~~14~~ 24 gen-sets would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel.

23. Page 92, the first paragraph is revised as follows:

    . . . The proposed Project is anticipated to have a blended PUE of ~~1.2~~ 1.5 due to free cooling modules on the air-cooled chillers, below the average for data centers. . .

24. Pages 92-94, the following paragraphs are revised as follows:

    As shown above in **Table 4.8-3**, the emissions related to electricity use by the data center is a majority of the emissions. SCE is the utility providing electricity to the Project site. SCE's carbon intensity factor in 2022 was 552 lbs CO_2e/MWh which includes 33.2 percent

eligible renewable energy in the power mix.[7] Emissions associated with the Project's electricity consumption occur at power production facilities which are covered entities under the State's Cap-and-Trade regulations, which limit total GHG emissions by covered sources with decreasing allocations, and are subject to the RPS standard requiring the GHG intensity of electricity production to decrease steadily. These regulatory schemes serve as the foundation for the State's goal of net neutrality in 2045. Likewise, the implementation of these Statewide measures, including but not limited to SCE procuring and delivery electricity from renewable energy sources result in an annual reduction of GHG emissions. ~~associated with operation of t~~The Project is not considered a covered entity and the analysis and GHG impact conclusion in this IS/MND have not taken any quantitative credits for Cap-and-Trade regulations associated with covered entities.

~~T~~Generally, the Cap-and-Trade program covers approximately 80 percent of California's GHG emissions.[8] The statewide limit on GHG emissions from the capped sectors (i.e., electricity generation, industrial sources, petroleum refining, and cement production) will decline every year, achieving GHG emission reductions throughout the program's duration. The passage of AB 398 in July 2017 extended the duration of the Cap-and-Trade program from 2020 to 2030. The Cap-and-Trade program was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California. ~~Accordingly, GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program.~~

25. Page 93-94, the last paragraph on page 93 and the first paragraph on page 94 is revised as follows:

~~**Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates** shows the Project emissions in the opening year 2027, in 2035, consistent with the City's CAP horizon, and in 2045, the year the State will meet its carbon neutrality goal. **Table 4.8-4** also highlights the reduction in mobile emissions as passenger vehicle fleets become cleaner and technology improves. The trends show a steady decrease in Project GHG emissions, consistent with the overarching goals of the State's 2022 Scoping Plan and the City's CAP.~~

~~**Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates**~~

	~~**Annual Emissions ($MTCO_2e$ per Year)[1]**~~		
~~**Emissions Source**~~	~~**2027 (Project Opening)**~~	~~**2035 (CAP Horizon)**~~	~~**2045 (CA GHG Neutrality)**~~
~~Mobile~~	~~80~~	~~71~~	~~67~~
~~Area~~	~~5~~	~~5~~	~~5~~
~~Energy[2]~~	~~83,020~~	~~62,657~~	~~0~~

[7] Southern California Edison, 2022 Power Content Label, https://www.energy.ca.gov/filebrowser/download/6072. Accessed April 22, 2024.
[8] California Air Resources Board, Cap-and-Trade Program: Frequently Asked Questions, September 2022. https://ww2.arb.ca.gov/sites/default/files/2022-09/nc-FAQ_CT.pdf. Accessed April 22, 2024.

~~Water~~	~~21~~	~~18~~	~~0~~
~~Waste~~	~~70~~	~~70~~	~~70~~
~~Generators~~	~~2,062~~	~~2,062~~	~~2,062~~
~~Total~~	~~85,258~~	~~64,883~~	~~2,204~~

~~1. Total values are from CalEEMod and may not add up due to rounding.~~
~~2. The Project does not include natural gas. GHG emissions from electricity are shown to decline in accordance with State mandates and regulations including RPS standard that requires an increasing amount of renewable energy electric utilities procure to comply with the various goals including 50 percent eligible renewable energy resources in 2030. In line with the Governor's mandate emissions in 2045 are shown to achieve the carbon neutrality goal.~~
~~Source: CalEEMod version 2022.1. Refer to **Appendix G** for model outputs.~~

~~As shown above in **Table 4.8-3** and **Table 4.8-4**, the majority of GHG emissions associated with the Project is the electricity energy use (approximately 97 percent). Because GHG emissions from covered entities are accounted for in the State's GHG future inventories and reduction targets and are subject to existing regulatory schemes to reduce emissions, those emissions are considered consistent with the 2022 Scoping Plan Update.~~

26. Page 97, the last paragraph is revised as follows:

Nonetheless, in an abundance of caution, and because construction activities for the Project would result in temporary ground-disturbing activities Project would implement **MM HAZ-1**, which would require preparation of a Soil Management Plan (SMP) to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities. ~~With i~~Implementation of **MM HAZ-1**~~, impacts~~ would further ~~be~~ reduce ~~d to~~ an already less than significant impact.

27. Page 100, MM HAZ-1 is revised as follows:

MM HAZ-1 **Soil Management Plan.** Before the Building Official issues grading permits, a site-specific Soil Management Plan ("SMP") must be prepared by a qualified environmental professional approved by the City and submitted to the City of Monterey Park Building and Safety Division. The SMP must include the following elements, as applicable:

- Provisions for personal protection and monitoring exposure to construction workers,
- Requirements for construction workers to be Hazardous Waste Operations and Emergency Response ("HAZWOPER") trained,
- Procedures to be undertaken in the event that contamination is identified above action levels or previously unknown contamination is discovered,
- Procedures for the safe storage, stockpiling, and disposal of any impacted soils,

- Emergency procedures and responsible personnel

In the instance that previously unknown soil constituents are discovered during site excavation, the contractor shall ensure that any soil contaminated beyond acceptable regulatory levels, shall be contained, remediated if necessary, and disposed of pursuant to the performance standard levels established by federal OSHA, Cal/OSHA, SCAQMD, RWQCB, and any other regulatory agency with jurisdiction over CRECs or RECs on the Project Site.

28. Page 109, the first paragraph is revised as follows:

. . . Furthermore, the maximum FAR for the Innovation/Technology designation is 0.60. The proposed FAR for the Project is ~~0.32~~ 0.36, which is below the maximum permitted FAR.

29. Page 109, the last paragraph is revised as follows:

The Project would be required to provide ~~848~~ 990 parking spaces per Table 21.22(C) of MPMC Section 21.22.120, Minimum Parking Spaces Required. . . Upon City approval, the Project would include 68 parking spaces adjacent to the ~~eastern~~ western and northern sides of the proposed data center building. . .

30. Page 123, the first paragraph is revised as follows:

During loading activities and trash and recycling pickups, noise would be generated by the trucks' diesel engines, exhaust systems, and brakes during low gear shifting' braking activities; opening and closing of the trash/recycling bins. The Project would have ~~two~~ one loading dock~~s~~ with four berths and two trash enclosures located in the northwest and northeast corner of the proposed Project building.

31. Page 131, the last paragraph is revised as follows:

No Impact. The recreational facility nearest the Project Site is La Loma Park located approximately 135 feet northwest from the Project Site. In addition, the Applicant would provide to the City, as part of the development agreement, an approximately 39,915 square foot parcel to be owned and operated by the City as a public park. Because the Project would not include housing or other uses that would induce substantial population growth in the area, the Project is not anticipated to increase the demand for existing recreational facilities or generate a demand for new ones. The limited number of employees during operation of the Project would not materially increase use of local recreation facilities.

32. Page 132, the last sentence of the second to last paragraph is revised as follows:

A pedestrian gate with sidewalk connection to the public right-of-way would be provided on Saturn Street west of the new ~~eastern~~ westerly driveway.

33. Page 133, the last paragraph is revised as follows:

. . . These two driveways would connect with each other along the northern side of the proposed equipment yard. The driveway along the ~~eastern~~ western perimeter of the Project Site would serve as the main entry to the Project Site for passenger and service vehicles. . .

34. Page 140, the last sentence of the last paragraph is revised as follows:

As shown below in **Table 4.19-2**, the Project's estimated water consumption is approximately ~~33,031~~ 30,079 gpd, resulting in a net increase of approximately ~~3,962~~ 1,010 gpd compared to existing conditions.

35. Page 140, Table 4.19-2: Estimated Proposed Water Demand is revised as follows:

Table 4.19-2: Estimated Proposed Water Demand

Land Use	Square Footage (SF)	Average Generation Factor (gpd/1,000 SF)[1]	Total Water Demand (gpd)
Data Hall Center[2]	~~109,970~~ 108,400	30	~~3,299~~ 3,252
Office (Network)[3]	~~1,750~~ 1,835	240	~~420~~ 441
Office (Support)[3]	~~26,700~~ 38,379	240	~~6,408~~ 9,211
Office (Circulation)[3]	~~16,542~~ 27,358	240	~~3,970~~ 6,566
Ancillary (Elec.)[2]	~~23,976~~ 25,724	30	~~719~~ 772
Ancillary (Mech.)[2]	~~39,463~~ 32,520	30	~~1,184~~ 976
Substation (Service)	24,000	120	2,880
Landscaping~~[3]~~[5]	206,867	ETWU Method	~~14,151~~ 5,981
Total Proposed Water Demand			**~~33,031~~ 30,079**
Total Existing Water Demand to be Removed			29,069
Project Net Water Demand			**~~3,962~~ 1,010**

gpd = gallons per day, SF = square foot

1. Based on 120 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Area from LACSD. The Applicant's mechanical, electrical, and plumbing (MEP) engineer estimated the data hall center would have a baseline (using standard efficiency fixtures) water demand of approximately 75,340 gallons per year (gpy) (207 gpd). The design case (progressive fixtures) water demand would be approximately 45,180 gpy (124 gpd). Therefore, the estimate provided based on LACSD (3,299 gpd for the data hall center) is conservative. See also **Appendix M-2: Water Efficiency Memorandum.**
3. Assumes 'Office Building' will be used for Office areas.
4. Assumes 'Service Station' will be used for Electrical Substation.
5. Demand based on Estimated Total Water Use equation: (Eto*plant factor*landscaped area* 0.62)/irrigation efficiency. Utilizing CIMIS Reference Evapotranspiration Zones Map ET of ~~46.6~~ 55.1 in/yr, and a ~~conservative~~ plant factor of ~~0.7~~ 0.3 for all plants except for the London Plane Trees which have a plant factor of 0.5, and irrigation efficiency of 0.81 proposed condition.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024; Kimley-Horn, 2025.

36. Page 142, the last paragraph is revised as follows:

As shown in Table 4.19-4: Estimated Proposed Wastewater Generation, consistent with the proposed uses and LACSD's generation factors, the Project's projected wastewater generation is approximately ~~15,734~~ 20,081 gpd, representing a net increase in wastewater generation at the Project Site of approximately ~~3,302~~ 7,649 gpd.

37. Page 142, Table 4.19-4: Estimated Proposed Wastewater Generation is revised as follows:

Table 4.19-4: Estimated Proposed Wastewater Generation			
Land Use	**Square Footage (SF)**	**Average Generation Factor (gpd/1,000 SF)[1]**	**Total Wastewater Generation (gpd)**
Data Hall Center[2]	~~109,970~~ 108,400	25	~~2,749~~ 2,710
Office (Network)[3]	~~1,750~~ 1,835	200	~~350~~ 367
Office (Support)[3]	~~26,700~~ 38,379	200	~~5,340~~ 7,676
Office (Circulation)[3]	~~16,542~~ 27,358	200	~~3,308~~ 5,472
Ancillary (Elec.)[2]	~~23,976~~ 25,724	25	~~599~~ 643
Ancillary (Mech.)[2]	~~39,463~~ 32,520	25	~~987~~ 813
Substation (Service)	24,000	100	2,400
Total Proposed Wastewater Flow			**~~15,734~~ 20,081**
Total Existing Wastewater Flow to be Removed			12,432
Project Net Wastewater Flow			**~~3,302~~ 7,649**

gpd = gallons per day, SF = square foot
1. Based on 100 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Area from LACSD.
3. Assumes 'Office Building' will be used for Office areas.
4. Assumes 'Service Station' will be used for Electrical Substation.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024; Kimley-Horn, 2025.

38. Page 143, the first sentence of the first paragraph is revised as follows:

A flowrate of ~~15,734~~ 20,081 gpd is equivalent to ~~11~~ 14 gallons per minute (gpm).

39. Page 143, the last sentence of the second paragraph is revised as follows:

Furthermore, the Project's estimated wastewater generation of ~~3,302~~ 7,649 gpd or ~~0.004~~ 0.008 mgd comprises ~~less than 0.002~~ approximately 0.003 percent of the wastewater that is processed daily at the Warren Facility.

40. Page 144, the first paragraph is revised as follows:

Less Than Significant Impact. . . . The proposed increase in demand from the Project of ~~3,962~~ 1,010 gpd (~~4~~ 1.13 AFY) represents approximately ~~1~~ 0.3 percent of the total increase in demand from 2025 to 2045 in the UWMP.

41. Page 144, the second to last sentence of the last paragraph is revised as follows:

As shown in Table 4.19-5: Estimated Solid Waste Generation, C&D of the Project is estimated to generate approximately ~~10,127~~ 10,186 tons of C&D debris.

42. Page 145, Table 4.19-5: Estimated Solid Waste Generation is revised as follows:

Table 4.19-5: Estimated Solid Waste Generation				
Land Use	**Size**	**Waste Generation Rate**	**Waste Generated (tons)**	**Waste Generated (lbs)**
Demolition[1]				
Office	209.564 ksf	46 tons/ksf	9,640 tons	19,279,888 lbs
Construction[2]				
Data Center	~~218.4~~ 247.48	4,020 lb/ksf	~~439~~ 498 tons	~~877,968~~ 994,870

	ksf			lbs
Substation	24 ksf	4,020 lb/ksf	48 tons	96,480 lbs
Total Demolition and Construction Waste			*~~10,127~~ 10,186 tons*	*~~20,254,336~~ 20,371,238 lbs*
Operations[3]				
Data Center[4]	26 employees	13.82 lb/employees/day	0.18 tons	359 lbs
Total Operational Waste			*0.18 tpd*	*359 lbs/day*

ksf = thousand square feet; lbs = pounds; tpd = tons per day

1. The demolition waste generation rate of 46 tons/ksf is based on the CalEEMod User Guide Appendix A, page 13.
2. The construction waste generation rate of 4,020 lb/ksf is based on the U.S.EPA, Characterization of Building-Related Construction and Demolition Debris in the United States, Table A-2, June 1998.
3. Generation factors provided by the CalRecycle website, refer to Estimated Solid Waste Generation Rates, https://www2.calrecycle.ca.gov/WasteCharacterization/General/Rates. Accessed March 27, 2024.
4. Assumes "Warehouse" will be used for proposed data center.

Appendix A

Comments Received on the Public Review IS/MND

Kimley»Horn

LOS ANGELES COUNTY SANITATION DISTRICTS
Converting Waste Into Resources

Robert C. Ferrante
Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
(562) 699-7411 • www.lacsd.org

November 14, 2024

Ref. DOC 7361097

VIA EMAIL BChow@MontereyPark.ca.gov

Ms. Beth Chow, Planning Manager
City of Monterey Park Planning Division
320 West Newmark Avenue
Monterey Park, CA 91754

Dear Ms. Chow:

Second Response to 1977 Saturn Data Center Project

The Los Angeles County Sanitation Districts (Districts) received a Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration (MND) for the subject project located in the City of Monterey Park on November 4, 2024. The proposed project is located within the jurisdictional boundaries of District No. 2. Previous comments submitted by the Districts in correspondence dated February 29, 2024 (copy enclosed), still apply to the subject project with the following comments: 1-1

1. **Section 4.19 Utilities and Service**, page 142 stated that "Any work that may affect services to the existing sewer lines or impacts to LACSD facilities or plant will be coordinated with the City's Public Works Department, Engineering Division." Please use the Geographic Information System (GIS) application at https://www.app.lacsd.org/ugutilities/ to obtain copies of as-built drawings of the District's facilities. When project plans that incorporate our facilities have been prepared, please submit copies to the Engineering Counter at engineeringcounter@lacsd.org for our review and comment. 1-2

2. A.K. Warren Water Resource Facility currently processes an average flow of 248.3 million gallons per day. 1-3

3. All other information concerning Districts' facilities and sewerage service contained in the document is current. 1-4

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2742, or phorsley@lacsd.org. 1-5

Very truly yours,

Patricia Horsley

Patricia Horsley
Environmental Planner
Facilities Planning Department

PLH:plh

Enclosure

DOC 7367890.D02

LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

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Chief Engineer and General Manager

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February 29, 2024

Ref. DOC 7161920

VIA EMAIL wstephens@fuscoe.com

Ms. Whitney Stephens
Stormwater Engineer
Fuscoe Engineering
15535 Sand Canyon, Suite 100
Irvine, CA 92618

Dear Ms. Stephens:

Will Serve Letter for 1977 Saturn Street

The Los Angeles County Sanitation Districts (Districts) received your will serve letter request for the subject project located in the City of Monterey Park on February 26, 2024. The proposed project is located within the jurisdictional boundary of District No. 2. We offer the following comments regarding sewerage service:

1. The wastewater flow originating from the proposed project will discharge to a local sewer line, which is not maintained by the Districts, for conveyance to the Districts' Garfield Avenue Trunk Sewer, located in Wilcox Avenue just south of Pomona Boulevard. The Districts' 12-inch diameter trunk sewer has a capacity of 1.8 million gallons per day (mgd) and conveyed a peak flow of 0.5 mgd when last measured in 2016.

2. The wastewater generated by the proposed project will be treated at the A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) located in the City of Carson, which has a capacity of 400 mgd and currently processes an average flow of 237 mgd.

3. The expected increase in average wastewater flow from the project, described in the application as a 220,000 square-foot data center building, is 3,302 gallons per day, after all structures on the project site are demolished. For a copy of the Districts' average wastewater generation factors, go to www.lacsd.org, under Services, then Wastewater Program and Permits and select Will Serve Program, and click on the Table 1, Loadings for Each Class of Land Use link.

4. The Districts are empowered by the California Health and Safety Code to charge a fee to connect facilities (directly or indirectly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities. This connection fee is used by the Districts for its capital facilities. Payment of a connection fee may be required before this project is permitted to discharge to the Districts' Sewerage System. For more information and a copy of the Connection Fee Information Sheet, go to www.lacsd.org, under Services, then Wastewater (Sewage) and select Rates & Fees. In determining the impact to the Sewerage System and applicable connection fees, the Districts will determine the user category (e.g. Condominium, Single Family Home, etc.) that best represents the actual or anticipated use of the parcel(s) or facilities on the parcel(s) in the development. For more specific information regarding the connection fee application procedure and fees, please contact the Districts' Wastewater Fee Public Counter at (562) 908-4288, extension 2727.

1-6

5. In order for the Districts to conform to the requirements of the Federal Clean Air Act (CAA), the capacities of the Districts' wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CAA. All expansions of Districts' facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial. The available capacity of the Districts' treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise the applicant that the Districts intend to provide this service up to the levels that are legally permitted and to inform the applicant of the currently existing capacity and any proposed expansion of the Districts' facilities.

1-6 cont.

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2708 or at shirlywang@lacsd.org.

Very truly yours,

Shirly Wang

Shirly Wang
Customer Service Specialist
Facilities Planning Department

SW:sw

December 2, 2024

Advocates for the Environment

A non-profit public-interest law firm
and environmental advocacy organization

Beth Chow, AICP
Planning Manager
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Via U.S. Mail and email to bchow@montereypark.ca.gov

Re: Comments on Mitigated Negative Declaration for the 1977 Saturn Data Center Project, SCH No. 2024101397

Dear Ms. Chow:

Advocates for the Environment submits the comments in this letter regarding the Mitigated Negative Declaration (**MND**) for the 1977 Saturn Data Center Project (**Project**). The Project Site is located near the intersection of Saturn Street and Orange Avenue, in the City of Monterey Park (**City**). The existing uses of the 15.8-acre Project site would be demolished to construct a 218,400-square-foot data center with an equipment yard, 24,000-square-foot substation, parking, and landscaping. The Project includes diesel generators for emergency back-up.

Advocates for the Environment is a public interest law firm and advocacy organization with the mission to educate the public about the law as it pertains to the environment and provide legal services in support of environmental causes. We have reviewed the Mitigated Negative Declaration (**MND**) released in October 2024 and submit comments regarding the sufficiency of the MND's Greenhouse-Gas (**GHG**) analysis under the California Environmental Quality Act (**CEQA**).

2-1

The City Should Require the Project to be Net-Zero

Given the current regulatory context and technological advancements, a net-zero significance threshold is feasible and extensively supportable. GHG emissions from buildings, including indirect emissions from offsite generation of electricity, direct emissions produced onsite, and from construction with cement and steel, amounted to 21% of global GHG emissions in 2019. (IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change, p. 9-4.) This is a considerable portion of global GHG emissions.

2-2

It is much more affordable to construct new building projects to be net-zero than to obtain the same level of GHG reductions by expensively retrofitting older buildings to comply with climate change regulations. Climate damages will keep increasing until we reach net zero GHG emissions, and there is a California state policy requiring the state to be net-zero by 2045. It therefore is economically unsound to construct new buildings that are not net-zero.

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Environmental groups have achieved tremendous outcomes by litigation under CEQA. Two of the largest mixed-use development projects in the history of California, Newhall Ranch (now FivePoint Valencia), and Centennial (part of Tejon Ranch) decided to move forward as net-zero communities after losing CEQA lawsuits to environmental groups. The ability for these large projects to become net-zero indicates that it is achievable, even for large-scale developments. The Applicant for this Project should do the same.

We urge the City to adopt net-zero as the GHG significance threshold for this project. This threshold is well-supported by plans for the reduction of GHG emissions in California, and particularly the CARB Climate Change Scoping Plans. The CARB 2017 Scoping Plan states that "achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development." (CARB 2017 Scoping Plan, p. 101.) Additionally, the CARB 2022 Scoping Plan reaffirms the necessity of a net zero target by expressing: "it is clear that California must transition away from fossil fuels to zero-emission technologies with all possible speed … in order to meet our GHG and air quality targets." (CARB 2022 Scoping Plan, p. 184.) CARB further encourages a net-zero threshold in its strategies for local actions in Appendix D to the 2022 Scoping Plan. (CARB 2022 Scoping Plan, Appendix D p. 24-26.)

Moving this Project forward as a net-zero project would not only be the right thing for the City to do, but also would help protect the City and the Applicant from CEQA GHG litigation.

2-2 cont.

The MND's Discussion Concerning Cap-and-Trade is Misleading

The MND was misleading of the Project's GHG impact because it incorrectly claimed that the Project's GHG emissions are covered by cap-and-trade. The Project is not subject to cap-and-trade regulations. The City claimed that "GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program" because the program "was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California." (MND, p. 93.) However, this reasoning is flawed. Just because fossil fuels and transportation fuels are accounted for under the cap-and-trade program does not mean that the Project qualifies as a covered entity. There are specific category of entities which are required to comply with the cap-and-trade program, none of which would include this Project.[1] Therefore, the Project's emissions are not covered by cap-and-trade.

2-3

CEQA Guidelines section 15064.4, subdivision (b)(3) allows a lead agency to consider a project's compliance with plans for the reduction of GHG emissions to determine the significance of GHG impact. Nonetheless, the lead agency is not supposed to analyze whether the suppliers of the project's electricity comply with the plans, but rather whether the project itself does. Thus, cap-and-

[1] See Cal. Code Regs. Tit. 17, § 95811.

trade is irrelevant to determining the Project's GHG significance because the Project is not a covered entity under the cap-and-trade program and it must account for electricity usage just as any other land use development project.

2-3 cont.

The GHG Significance Analysis was Inadequate

The MND adopted two significance thresholds based on the CEQA Guidelines Appendix G. Threshold (a) asks whether the Project would "generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment." (MND, p. 83.) Under this threshold, the City considered the Project's estimated operational GHG emissions of approximately 85,309 metric tons of carbon dioxide equivalent (**MTCO2e**) per year less than significant.

Threshold (b) asks whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) The City's conclusion that the Project would have a less than significant GHG impact under this threshold was based on the erroneous assumption that the Project's GHG emissions would be covered under the cap-and-trade program. Further, this significance conclusion is invalid because the MND's conclusion that the Project would be consistent with applicable plans is not supported by substantial evidence.

2-4

The City did not support its GHG significance determination with substantial evidence. The City only considered two applicable plans: The City of Monterey Park Climate Action Plan (**CAP**), and the 2022 Scoping Plan, both of which the Project would conflict with. In particular, none of the CAP provisions pertain to a data center which uses extremely large amounts of electricity. (See MND, pp. 84-89.) The same analysis that the City included to address the Project's compliance with the CAP would apply even if the Project's electricity were 100 times greater than it currently is, essentially screening out any data center from having significant GHG impact no matter what amount of electricity it uses. The City does not support this analysis by substantial evidence. Further, the City cannot rely on the assumption that GHG emissions will gradually ramp down in accordance with stricter GHG regulations, because the Project's emissions will remain in the five-figure range through 2035. (MND, p. 93, Table 8.4-4.)

Overall, the MND concluded that the Project's GHG emissions would be less than significant. Given the inadequacy of analysis under both thresholds, there is a fair argument for why the Project would have a significant GHG impact. Yet, significance under either of the two thresholds would require a finding of significant impact.

Consistency with Identified Applicable Plans

2-5

The MND's analysis was insufficient to determine that the Project would be consistent with applicable plans. The Project would be inconsistent with both the CAP and the 2022 Scoping Plan.

First, to provide a basis for its less-than-significant determination. the City concluded that the Project would not conflict with the CAP. However, the City did not provide substantial evidence for this determination. First, GHG policy has changed significantly in the last decade, rendering the 2012 CAP outdated.

But even assuming that that the CAP is an applicable plan, the City did not adequately demonstrate that the Project would not conflict with it. For example, the City claimed that several measures were inapplicable municipal measures that are "not Project specific" to justify circumventing certain CAP measures. In particular, the City failed to provide a consistency analysis for Land Use Measure 1 (Mixed Use Development), Land Use Measure 2 (Service Nodes), Transportation Measure 1.2 (Promote Use of Transit Network), and Transportation Measure 2.2 (Increase Walking and Biking), each stating the following assumption: "This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable." (MND, pp. 84–89.)

Even though the CAP as a guiding policy document describes initiatives intended for the City to carry out, the Project could still be in conflict with those measures even if the lead agency is not responsible for achieving particular objectives on a project-level. For instance, the Project's construction or operations could potentially make it more difficult or counteract the City's objectives to achieve the CAP goals. The Project conflicts with Land Use Measure 1—which suggests that Monterey Park achieve a Vehicle Miles Travelled (**VMT**) reduction target by facilitating new mixed-use development near existing and planned transit corridors—because the Project would utilize space and resources for a new industrial development which is not a mixed-use development near a transit corridor and would actively increase VMT, counteracting the City's efforts under Land Use Measure 1. The City has not adequately demonstrated that the Project would comply with the CAP as it claims.

2-5 cont.

Second, although the City claimed that the Project would not "impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan," the MND did not adequately address any of the 2022 Scoping Plan's goals within the context of the Project. (MND, pp. 89–90.) The 2022 Scoping Plan sets goals for 50% of all industrial energy demand to be electrified and statewide emissions be reduced to 85% below 1990 levels, both to be achieved before 2045 (2022 CARB Scoping Plan, p. 77). The 2022 CARB Scoping Plan also places particular emphasis on decarbonizing industrial facilities by "displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions" (2022 CARB Scoping Plan, p. 208). The Project is inconsistent with these goals because the facilities, including the energy used by the data center and substation would create an additional large source of emissions from non-renewable sources, contrary to the statewide electrification and decarbonization contemplated by the 2022 Scoping Plan.

2-6

And the Project's use of diesel-powered backup generators, which are projected to produce 2,062 MTCO2e/year indefinitely (MND, p. 92) is inconsistent with the 2022 Scoping Plan's goal of achieving carbon neutrality by 2045. 2-6 cont.

The MND Should Have Also Analyzed Other Applicable Plans

The City chose, as its second GHG threshold, whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) This language requires that the MND analyze the Project's consistency with *all* other applicable plans, not just the plans that the City prefers to analyze.

The Project must show consistency with long-term State GHG goals for the entirety of the Project's anticipated lifespan to comply with CEQA. In particular, the MND must also demonstrate consistency with Senate Bill 32, which requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030, and Executive Order B-55-18 (**EO B-55-18**) which requires the State of California to achieve carbon neutrality—net zero GHG emissions—by 2045. 2-7

The Project is inconsistent with both because it does not prohibit the use of gasoline, diesel, and natural gas, and burning such non-renewable fuels results in substantial GHG emissions. Further, the data center would use an immense amount of electricity, which generates high quantities of GHGs, preventing the Project from ever achieving carbon neutrality without offsets or a 100% clean energy source.

Additionally, the City should have demonstrated consistency with the 2017 Scoping Plan, which was developed to facilitate California's compliance with SB 32 and requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030. (Health & Safety Code § 38566.) The MND did not discuss how the Project is consistent with any of the goals, including the 2050 goal of 80% below 1990 levels. The 2017 Scoping Plan also sets out statewide goals for total GHG emissions targets of 6 MTCO2e/capita by 2030, and 2 MTCO2e/capita by 2050 (CARB Scoping Plan, p. 99). 2-8

With the Project's net operational GHG emissions at 85,309 MTCO2e annually, the Project's per-service population GHG emissions would be over 3,000 MTCO2e, nowhere near the 2030 target, let alone the 2050 target.[2] Thus, the Project's GHG impact is significant under the second threshold because it is inconsistent with applicable plans for the reduction of GHGs.

The City Should Have Required an EIR

No mitigation measures were considered for GHGs due to the erroneous determination of less-than-significant impact. If the City had used appropriate significant thresholds and accurate analysis, 2-9

[2] $85{,}309\ MTCO2e \div 26\ employees = 3{,}281.1\ MTCO2e/service\ population$
Employee data obtained from the Population and Housing section of the MND. (MND, p. 127).

it would have concluded that the Project's GHG emissions are significant. Inconsistency with applicable plans for the reduction of GHG emissions supports a fair argument that the Project would have a significant environmental effect. Therefore, the City was mistaken in its choice to create an MND for a Project that would likely create such a considerable GHG impact and the City should have prepared an EIR and mitigate to the extent required by CEQA.

It is feasible to reduce the GHG emissions from the Project's electricity usage by opting into Southern California Edison's clean power option. The Project intends to utilize SCE's default energy mix which would include 33.2 percent of the electricity to be derived from renewable sources. Yet, there is nothing preventing the City from opting into the SCE's Green Rate Program which can allow the Project to purchase solar power for up to 100% of its energy usage.[3]

2-9 cont.

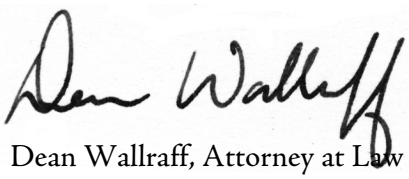
Conclusion

For the reasons given in this letter, the MND is not in conformance with CEQA requirements. Notably, the GHG significance analysis was inadequate, and the City should have concluded that the Project would contribute to a significant GHG impact. The MND fails as an informational document and is misleading to decision-makers and the public.

Please put Advocates for the Environment on the interest list to receive updates about the progress of this Project. We make this request under Public Resources Code, section 21092.2.

2-10

Sincerely,



Dean Wallraff, Attorney at Law
Executive Director, Advocates for the Environment

[3] See https://www.sce.com/sites/default/files/custom-files/PDF_Files/Green_Rate_Business_Factsheet_2023.pdf

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December 2, 2024

Via Overnight Mail and Email

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Re: Comments on 1977 Saturn Data Center Project Initial Study Mitigated Negative Declaration (SCH No. 2024101397)

Dear Ms. Chow and Ms. Serrano:

We are writing on behalf of Coalition for Responsible Equitable Economic Development Los Angeles ("CREED LA") to provide comments on the Initial Study / Mitigated Negative Declaration ("MND") prepared by the City of Monterey Park ("City") for the 1977 Saturn Data Center Project (SCH No. 2024101397) ("Project") proposed by SDCF Monterey Park, LLC ("Applicant").[1]

The Project proposes to construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping.[2] An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include twelve four megawatts ("MW") back-up diesel generators to provide power in the event of an emergency. The Project would also include a 24,000-square-foot electrical substation. Project construction is anticipated to last approximately 24 months. The Project is proposed to be located at 1977 Saturn Street (APN No. 5265-026-054) in the City of Monterey Park, in Los Angeles County, California. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.

3-1

[1] City of Monterey Park, Public Review Draft Initial Study/Mitigated Negative Declaration, 1977 Saturn Data Center Project (Oct. 2024) (hereinafter "MND").
[2] MND, p. 5.

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These comments were prepared with the assistance of air quality, health risk, and GHG expert Dr. James Clark, Ph.D. and noise and vibration expert Ms. Deborah Jue. Comments and curriculum vitae of Dr. Clark are attached to this letter as Exhibit A.[3] Ms. Jue's comments and curriculum vitae are included as Exhibit B.[4] Exhibit A and B are fully incorporated herein and submitted to the City herewith. We reserve the right to supplement these comments at a later date and at any future proceedings related to this Project.[5]

3-1 cont.

I. STATEMENT OF INTEREST

CREED LA is an unincorporated association of individuals and labor organizations that may be adversely affected by the potential public and worker health and safety hazards, and the environmental and public service impacts of the Project. The coalition includes the Sheet Metal Workers Local 105, International Brotherhood of Electrical Workers Local 11, Southern California Pipe Trades District Council 16, and District Council of Iron Workers of the State of California, along with their members, their families, and other individuals who live and work in the City of Monterey Park. Accordingly, they would be directly affected by the Project's environmental and health and safety impacts.

3-2

Individual members of CREED LA and its member organizations include Monterey Park residents Matthew Ortiz, Jesse Estrada and Kristian Garcia. Individual members may also work on the Project itself. They would be first in line to be exposed to any health and safety hazards that exist onsite.

CREED LA seeks to ensure a sustainable construction industry over the long-term by supporting projects that have positive impacts for the community, and which minimize adverse environmental and public health impacts. CREED LA has an interest in enforcing environmental laws that encourage sustainable development and ensure a safe working environment for its members.

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[3] **Exhibit A:** Letter from James Clark to Adams Broadwell Joseph & Cardozo, Comment Letter on Initial Study/Mitigated Negative Declaration (IS/MND) For 1977 Saturn Data Center Project, City of Monterey Park, CA. (Dec. 2, 2024) ("**Clark Comments**").

[4] **Exhibit B:** Letter from Deborah Jue to Adams Broadwell Joseph & Cardozo, 1977 Saturn Data Center Project Mitigated Negative Declaration, Comments on the Noise and Vibration Analysis (Nov. 27, 2024) **("Jue Comments**").

[5] Gov. Code § 65009(b); PRC § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* ("*Bakersfield*") (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist*. (1997) 60 Cal. App. 4th 1109, 1121.

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Environmentally detrimental projects can jeopardize future jobs by making it more difficult and more expensive for business and industry to expand in the region, and by making the area less desirable for new businesses and new residents. Indeed, continued environmental degradation can, and has, caused construction moratoriums and other restrictions on growth that, in turn, reduce future employment opportunities.

3-2 cont.

II. LEGAL BACKGROUND

CEQA requires that lead agencies analyze any project with potentially significant environmental impacts in an EIR, except in limited circumstances.[6] The purpose of an EIR "is to inform the public and its responsible officials of the environmental consequences of their decisions *before* they are made. Thus, the EIR protects not only the environment, but also informed self-government."[7] The EIR has been described as "an environmental 'alarm bell' whose purpose is to alert the public and its responsible official to environmental changes before they have reached ecological points of no return."[8]

3-3

A negative declaration may be prepared instead of an EIR when, after preparing an initial study, a lead agency determines that a project "would not have a significant effect on the environment."[9] Courts have held that if "no EIR has been prepared for a nonexempt project, but substantial evidence in the record supports a fair argument that the project may result in significant adverse impacts, the proper remedy is to order preparation of an EIR."[10]

The presumption in favor of preparing an EIR, rather than a negative declaration, is reflected in the "fair argument" standard. Under that standard, the lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[11] The fair argument standard creates a "low

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[6] Pub. Resources Code, § 21000; CEQA Guidelines, § 15002.
[7] *Citizens of Goleta Valley v. Bd. of Supervisors* (1990) 52 Cal.3d 553, 564 (internal citations omitted).
[8] *County of Inyo v. Yorty* (1973) 32 Cal.App.3d 795, 810.
[9] *Quail Botanical Gardens v. City of Encinitas* (1994) 29 Cal.App.4th 1597; Pub. Resources Code, § 21080(c).
[10] *Communities for a Better Environment v. South Coast Air Quality Management Dist.* (2010) 48 Cal.4th 310, 319-320.
[11] Pub. Resources Code, §§ 21080(d), 21082.2(d); CEQA Guidelines, §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of*

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threshold" of favoring environmental review through an EIR, rather than through a negative declaration.

"Substantial evidence" required to support a fair argument is defined as "enough relevant information and reasonable inferences from this information that a fair argument can be made to support a conclusion, even though other conclusions might also be reached."[12] "[I]n marginal cases where it is not clear whether there is substantial evidence that a project may have a significant effect on the environment, the lead agency shall be guided by the following principle: If there is disagreement among expert opinion supported by facts over the significance of an effect on the environment, the Lead Agency shall treat the effect as significant and shall prepare an EIR."[13]

With respect to this Project, the MND fails to satisfy the basic purposes of CEQA. The MND fails to adequately disclose, investigate, and analyze the Project's potentially significant impacts, and fails to provide substantial evidence to conclude that impacts will be mitigated to a less than significant level. Because the MND lacks basic information regarding the Project's potentially significant impacts, the MND's conclusion that the Project will have a less than significant impact on the environment is unsupported.[14] The City failed to gather the relevant data to support its finding of no significant impacts, and substantial evidence shows that the Project may result in potentially significant impacts. As detailed herein and in the attached expert comments, substantial evidence supports a fair argument that the Project may result in significant and unmitigated impacts to air quality, public health, greenhouse gases, and from noise. The City must prepare an EIR that analyzes, discloses, and mitigates these impacts and which considers less environmentally damaging alternatives.

3-3 cont.

III. THE MND FAILS TO PROVIDE AN ADEQUATE DESCRIPTION OF THE ENVIRONMENTAL SETTING

3-4

The MND fails to adequately describe the environmental setting against which the Project's environmental impacts are to be measured for several critical aspects of the Project. This contravenes the fundamental purpose of the

Stanislaus (1995) 33 Cal.App.4th 144, 1501-51; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.Appl.4th 1597, 1601-1602.
[12] CEQA Guidelines, § 15384(a).
[13] CEQA Guidelines, § 15064(g).
[14] Pub. Resources Code, § 21064.5.

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environmental review process, which is to determine whether there is a potentially substantial, adverse change compared to the existing setting. [15] CEQA requires that a lead agency include a description of the physical environmental conditions, or "baseline," in the vicinity of the project as they exist at the time environmental review commences.[16] As the courts have repeatedly held, the impacts of a project must be measured against the "real conditions on the ground."[17] The description of the environmental setting constitutes the "baseline" physical conditions against which the lead agency assesses the significance of a project's impacts.[18] An Environmental Setting is required "to give the public and decision makers the most accurate and understandable picture practically possible of the project's likely near-term and long-term impacts.[19]

3-4 cont.

A. The MND Fails to Adequately Describe the Proximity to Sensitive Receptors

The MND provides that the "nearest sensitive receptors to the Project Site are multi-family residences located approximately 65 feet (approximately 20 meters) northwest of the Project Site."[20] The Health Risk Impact Assessment also relies on a 65 feet distance to nearby sensitive receptors to undergird its analysis.[21] However, substantial evidence demonstrates that sensitive receptors are closer than 65 feet from the Project site.[22] Based on the MND's Local Vicinity Map in Figure 2-2, the Project site directly abuts the residence at 2204 Iris Way, and may be as close as 20 feet northwest from the construction zone of the Project site.[23] Construction activities occurring along to the Project's northwest property line will result in significant noise, air quality, and health risk impacts more severe than analyzed in the MND.[24] The MND's reliance on the geographic center of the Project site to inform its analysis of distances to sensitive receptors is therefore misplaced and unsupported by substantial evidence. As discussed below, the MND's failure to

3-5

[15] CEQA Guidelines, § 15063, subd. (d).
[16] CEQA Guidelines, § 15125(a); *Communities for a Better Environment v. South Coast Air Quality Management Dist*. (2010) 48 Cal. 4th 310, 321 ("*CBE v. SCAQMD*").
[17] *CBE v.* SCAQMD, 48 Cal. 4th at 321; Save *Our Peninsula Com. v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 121-22; *City of Carmel-by-the-Sea v. Bd. of Supervisors of Monterey County* (1986) 183 Cal.App.3d 229, 246.
[18] CEQA Guidelines, § 15125(a); *CBE v.* SCAQMD, 48 Cal. 4th at 321.
[19] 14 CCR § 15125(a).
[20] MND, p. 46.
[21] MND, Appendix B, p. 7.
[22] Jue Comments, p. 4.
[23] *Id.* at 5.
[24] *Id.*

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analyze the Project's proximity to nearby sensitive receptors results in an inaccurate analysis of the Project's construction and operational noise impacts.[25] The City must prepare an EIR which accurately analyzes the Project's environmental setting with respect to nearby sensitive receptors for air quality, health risk, and noise impacts before the Project can lawfully be approved.

3-5 cont.

B. The MND Fails to Adequately Quantify the Existing Noise Environment

The MND fails to adequately quantify the existing noise environment, against which to measure the Project's operational and construction noise impacts. Deborah Jue's comments provide that the MND's reliance on the metric Leq instead of the median noise level, L50, is misplaced.[26] L50 is the median noise level, Leq is the Equivalent Continuous Sound Level, but these metrics are not the same. The Leq can be very similar to L50, but it is often several decibels higher.[27] Ms. Jue's comments demonstrate that MND Table 4.13-6 erroneously relies on Leq instead of L50, which results in a significant underestimation of the Project's operational noise impacts.[28]

3-6

Further, the MND noise analysis relies on ambient noise levels of 56 to 65 Leq because the MND provides that "[a]mbient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing."[29] Ambient noise levels should be calculated utilizing the noise levels in the existing environment, the baseline, not including Project components such as the two generators closest to sensitive receptors. Since the generators are part of the Project, their operation should be compared to the existing ambient noise level, without the project. The MND's analysis of the environmental setting with respect to noise is therefore unsupported. The Project may result in potentially significant noise impacts as demonstrated herein.

[25] Jue Comments, p. 4.
[26] *Id.* at 2.
[27] *Id.*
[28] *Id.* at 3.
[29] MND, p. 123.

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IV. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED AIR QUALITY IMPACTS

A negative declaration is improper, and an EIR must be prepared, whenever it can be fairly argued on the basis of substantial evidence that the project may have a significant environmental impact.[30] "[S]ignificant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[31] An effect on the environment need not be "momentous" to meet the CEQA test for significance; it is enough that the impacts are "not trivial."[32] Substantial evidence, for purposes of the fair argument standard, includes "fact, a reasonable assumption predicated upon fact, or expert opinion supported by fact."[33]

3-7

Moreover, the failure to provide information required by CEQA is a failure to proceed in the manner required by CEQA.[34] Challenges to an agency's failure to proceed in the manner required by CEQA, such as the failure to address a subject required to be covered in an MND or to disclose information about a project's environmental effects or alternatives, are subject to a less deferential standard than challenges to an agency's factual conclusions.[35] Even when the substantial evidence standard is applicable to agency decisions to certify an MND and approve a project, reviewing courts will not 'uncritically rely on every study or analysis presented by a project proponent in support of its position. A clearly inadequate or unsupported study is entitled to no judicial deference.'"[36]

As discussed below, CREED LA's expert James Clark presented direct and substantial evidence raising a fair argument that the Project will have significant environmental impacts. An EIR must be prepared to further evaluate and mitigate the significant impacts to less than significant levels.

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[30] PRC § 21151; 14 CCR § 15064(f); *Citizens for Responsible Equitable Envt'l Dev. v. City of Chula Vista* ("*CREED*") (2011) 197 Cal.App.4th 327, 330-31; *Communities for a Better Env't v. South Coast Air Quality Mgmt. Dist.* (2010) 48 Cal.4th 310, 319 ("*CBE v. SCAQMD*").
[31] PRC § 21068; 14 CCR § 15382; *County Sanitation Dist. No. 2 v. County of Kern* (2005) 127 Cal.App.4th 1544, 1581.
[32] *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 83.
[33] PRC § 21080(e)(1) (emphasis added); *CREED*, 197 Cal.App.4th at 331.
[34] *Sierra Club v. State Bd. Of Forestry* (1994) 7 Cal.4th 1215, 1236.
[35] *Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal.4th 412, 435.
[36] *Berkeley Jets*, 91 Cal.App.4th at 1355.

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A. Substantial Evidence Supports a Fair Argument that the Project May Result in Potentially Significant Impacts from the Backup Generators

The MND fails to analyze the Project's potentially significant environmental impacts from the use of backup generators. Twelve four-MW backup generators with a total generation capacity of up to 48 MW and the two redundant back-up generators would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center.[37] Dr. Clark's comments demonstrate that the Project results in significant air quality and health risk impacts associated with operation of the backup generators that are more severe than disclosed in the MND.[38] Dr. Clark determined that the MND only accounts for a total of 50 hours of testing for the generators.[39] But, each of the 14 generators is permitted to be tested for 50 hours per year, which accounts for a total of 700 hours per year. This results in significant emissions of diesel particulate matter ("DPM") which are not accounted for in the MND.[40] Without binding mitigation to limit the testing of the backup generators to 50 hours total per year, the air quality and health risk impacts associated with DPM and TAC emissions is significant and unmitigated.[41] 3-8

DPM is a toxic air contaminant (TAC) that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.[42] Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death.[43] Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory tract defense mechanisms; and premature death.[44] Exposure to DPM increases the risk of lung cancer.[45] It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the

[37] MND, p. 5.
[38] Clark Comments, p. 7.
[39] *Id.*
[40] *Id.*
[41] *Id.*
[42] *Id.*
[43] *Id.*
[44] *Id.*
[45] *Id.*

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alveolar walls, immunological allergic reactions, and airway constriction.[46] Dr. Clark's comments provide substantial evidence that DPM emissions represent a significant health risk requiring additional analysis and mitigation in an EIR.

Under the fair argument standard, a lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[47] The phrase "significant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[48] Dr. James Clark finds a significant health risk from exposure to TAC emissions, which constitutes substantial evidence supporting a fair argument that health risk is significant and unmitigated.

3-8 cont.

An EIR must be prepared which quantifies the Project's emissions of toxic air contaminants ("TAC"), and compares them to the SCAQMD's quantitative cancer threshold of 10/million,[49] in order to adequately assess and disclose the Project's air quality impacts on human health.[50] Absent this analysis, the City lacks substantial evidence to conclude that the Project's health risk impacts are less than significant.

Furthermore, Dr. Clark remodeled the operational emissions of the Project and found that based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-generators, the generators would emit up to 166 lbs. per day of

3-9

[46] Clark Comments, p. 7.
[47] Pub. Res. Code §§21080(d), 21082.2(d); 14 Cal. Code Reg. §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Richmond* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of Stanislaus* (1995) 33 Cal.App.4th 144, 150-151; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.App.4th 1597, 1601-1602.
[48] Pub. Resources Code, § 21068.
[49] See South Coast AQMD Air Quality Significance Thresholds, available at https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjc1oThoK3_AhUUHTQIHcYKBTsQFnoECAoQAQ&url=https%3A%2F%2Fwww.aqmd.gov%2Fdocs%2Fdefault-source%2Fceqa%2Fhandbook%2Fsouth-coast-aqmd-air-quality-significance-thresholds.pdf%3Fsfvrsn%3D25&usg=AOvVaw07n1OZu8Nvvtfq0AnstLMG.
[50] *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502, 519; *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 134 Cal.App.4th 1184, *1220 (*"After reading the EIRs, the public would have no idea of the health consequences that result when more pollutants are added to a nonattainment basin. On remand, the health impacts resulting from the adverse air quality impacts must be identified and analyzed in the new EIRs.").

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NOx, exceeding the SCAQMD's significance threshold of 55 lbs. per day.[51] Dr. Clark's comments provide substantial evidence demonstrating that the Project results in a significant air quality impact requiring review and mitigation in an EIR, before the Project can be approved.

3-9 cont.

V. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED GHG IMPACTS

The MND concludes, absent substantial evidence, that the Project will result in less than significant GHG impacts.[52] The MND's GHG analysis memorandum does not include modeling files to support the GHG emissions calculations for the emergency generators. MND Table 5 provides that emergency generators will emit 2,062 metric tons of carbon dioxide equivalent ("$MTCO_2e$") but this estimate is unsupported. The CalEEMod modeling does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived.[53] The MND's conclusions regarding the Project's GHG impacts are therefore unsupported, and these impacts must be evaluated in an EIR for the Project.

3-10

Furthermore, Dr. Clark calculated that the Project will result in a more severe GHG impact than analyzed in the MND. Dr. Clark's comments demonstrate that the use of the General Office Building setting in the MND's CalEEMod air modeling underestimates the energy consumption rate and resulting GHG and air pollutant emissions from the Project.[54] The GHG emissions are more significant than analyzed in the MND and require mitigation in an EIR before the Project can be approved.[55]

[51] Clark Comments, p. 5.
[52] MND, p. 75.
[53] Clark Comments, p. 6.
[54] *Id.*
[55] *Id.* at 9.

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VI. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED HAZARDS IMPACTS

There is substantial evidence in support of a fair argument that the Project will create significant and unmitigated risks to human health and the environment from the accidental release of soil contaminants. These impacts are not disclosed in the MND and require preparation of an EIR. The MND is further inadequate because it relies on impermissibly vague and deferred mitigation measures to purportedly lessen or avoid these impacts, in violation of CEQA. 3-11

A. The MND Fails to Disclose the Project's Potentially Significant Hazards Impacts

The MND provides that the "[t]he Project site is not identified on a compiled hazardous materials site list pursuant to California Government Code Section 65962.5."[56] However, the Project site is on the Cortese List due to groundwater contamination issues, and, for that reason, is also listed on SWRCB's GeoTracker website.[57] The Project site was contaminated via leaks from three diesel underground storage tanks ("UST"). As of June 28, 2022, the Los Angeles Regional Water Quality Control Board Site data indicate that there may be residual concentrations of pollutants in soil at this site that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use.[58] The severity of this impact is not disclosed or mitigated in the MND. 3-12

A. The MND Fails to Adequately Mitigate the Project's Potentially Significant Hazards Impacts

The MND's conclusion that hazards impacts are mitigated to less than significant levels, is not supported by substantial evidence. The MND includes 3-13

[56] MND, p. 99.
[57] State Water Resources Control Board, Geotracker, BRE CA SATURN, LLC (T10000018576) https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018576
[58] Letter from Yue Rong, Ph.D. Program Manager, Underground Storage Tank Program, Los Angeles Regional Water Quality Control Board, to BRE CA SATURN LLC, Underground Storage Tank Program – Non-Case Determination (June 28, 2022), *available at:* https://documents.geotracker.waterboards.ca.gov/regulators/deliverable_documents/9720914542/1977%20Saturn%20St%20ncl%20(June%2028,%202022).pdf.

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unenforceable, deferred, and impermissibly vague mitigation measures to purportedly reduce significant hazards impacts. Mitigation measures are conditions on the construction and operation of a project that are designed to lessen or avoid a project's environmental impacts.[59] If a project has the potential to have a significant effect on the environment, the lead agency must prepare an EIR that incorporates feasible mitigation measures to reduce impacts to less-than-significant levels.[60] It is the possibility of a significant effect, not a determination of the actual effect, which would be the subject of a negative declaration or an EIR.[61]

Here, the MND proposes to develop a Soil Management Plan ("SMP") to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities, pursuant to mitigation measure MM HAZ-1. CEQA requires disclosure of the severity of a project's impacts and the probability of their occurrence *before* a project can be approved.[62] In *Bozung v. Local Agency Formation Commission* ,the Supreme Court upheld "the principle that the environmental impact should be assessed as early as possible in government planning."[63] A study conducted after approval of a project will inevitably have a diminished influence on decisionmaking.[64] Even if the study is subject to administrative approval, it is analogous to the sort of post hoc rationalization of agency actions that has been repeatedly condemned in decisions construing CEQA.[65]

3-13 cont.

MM HAZ-1 results in improper deferral of required analysis until after project approval, and may therefore not sufficiently mitigate impacts to construction workers exposed to soil contamination before the site is properly characterized and cleaned. CEQA Guidelines § 15126.4(a)(1)(B) provide that formulation of mitigation measures shall not be deferred until some future time.[66] Deferral of the

[59] See 14 CCR § 15126.4.
[60] *Salmon Protection and Watershed Network v. County of Marin*, 125 Cal.App.4th (2004) 1098, 1107.
[61] *Azusa Land Reclamation Co. v. Main San Gabriel Basin Watermaster* (1997) 52 Cal.App.4th 1165, 1199–1200.
[62] 14 CCR §§ 15143, 15162.2(a); *Cal. Build. Indust. Ass'n v. BAAQMD* (2015) 62 Cal.4th 369, 388-90 ("*CBIA v. BAAQMD*") (disturbance of toxic soil contamination at project site is potentially significant impact requiring CEQA review and mitigation); *Madera Oversight Coalition v. County of Madera* (2011) 199 Cal. App. 4th 48, 82; *Berkeley Keep Jets Over the Bay Com. v. Bd. of Port Comrs. ("Berkeley Jets")* (2001) 91 Cal.App.4th 1344, 1370-71; CEQA Guidelines, Appendix G.
[63] (1975) 13 Cal.3d 263, 282.
[64] *Sundstrom v. County of Mendocino*, supra, 202 Cal.App.3d 296, 307.
[65] *Id.*; *No Oil, Inc. v. City of Los Angeles*, supra, 13 Cal.3d 68, 81; *Environmental Defense Fund, Inc. v. Coastside County Water Dist.* (1972) 27 Cal.App.3d 695, 706.
[66] 14 CCR 15126.4(a)(1)(B).

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formulation of mitigation measures is only permissible when the agency adopts performance standards and conditions approval of the project on meeting those performance standards, or lists alternative means of mitigating the impacts, which must be disclosed and analyzed.[67] Here, the SMP lacks any performance standards, and would require additional analysis and potential formulation of unidentified remedial procedures at some later date. In order to comply with CEQA, the City must identify mitigation measures before Project approval, and include such measures in an EIR circulated for public review.

3-13 cont.

VII. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED NOISE IMPACTS

Deborah Jue's comments provide substantial evidence that the Project results in significant operational noise impacts. Noise from the Project's generators was not evaluated, and the combined operation of all mechanical equipment could be 3 dBA or more than predicted in the MND.[68] Ms. Jue's comments also demonstrate that the mechanical equipment noise would exceed the City's noise limits during the nighttime hours at the residences to the west of the Project site.[69] Moreover, when accounting for the correct ambient noise level, Ms. Jue identified a significant operational noise impact during daytime hours as well.[70]

3-14

The MND also lacks support for its conclusions regarding operational noise impacts. It provides that "[p]ackaged HVAC rooftop units would provide cooling for the administrative and ancillary spaces."[71] The MND provides that the "heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations." However, the MND fails to identify the source of the reference sound power levels used in its analysis of HVAC rooftop equipment and lacks sound power data for the generators.[72] Deborah Jue's comments provide that, absent documentation of the reference sound power levels for the rooftop equipment and generators, it is impossible to evaluate the

3-15

[67] E.g., *Endangered Habitats League v. County of Orange* (2005) 131 Cal.App.4th 777, 793-794; *Defend the Bay v. City of Irvine* (2004) 119 Cal.App.4th 1261, 1275.
[68] Jue Comments, pg. 4.
[69] Jue Comments, p. 3.
[70] Jue Comments, p. 3.
[71] MND, p. 16.
[72] Jue Comments, pgs. 2-3.

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MND's conclusions regarding operational noise impacts.[73] The MND's analysis of operational noise impacts is therefore not supported by substantial evidence. This information must be included in an EIR to accurately quantify and mitigate significant operational noise impacts.

3-15 cont.

Furthermore, given that the MND fails to accurately characterize the existing noise environment against which to measure the construction noise emissions and fails to accurately calculate the distance of construction equipment to sensitive receptors, construction noise impacts are underestimated in the MND. Deborah Jue's comments demonstrate that the Project would result in construction noise impacts so severe to neighboring sensitive receptors that the noise "would interfere with speech at neighboring properties."[74] Ms. Jue's calculations demonstrate that construction noise emission would be between 10 and 25 decibels higher than the ambient noise level.[75] The MND's conclusion that construction noise impacts are less than significant is therefore unsupported.

CEQA caselaw provides that the magnitude of noise increase over ambient levels must be addressed to determine the significance of change in noise levels.[76] The MND fails to adequately analyze impacts from noise and fails as an informational document. In *King and Gardiner Farms LLC. v. County of Kern* (2020) 45 Cal.App.5th 814, 893, determined that the use of an absolute noise level as the threshold of significance violated CEQA.[77] The court in *Keep Our Mountains Quiet* (2015) 236 Cal.App.4th 714, lead agency should consider both the increase in noise level and the absolute noise level associated with a project.[78] Here, the City's failure to consider the impact of a substantial increase in noise over ambient levels violates CEQA. The increase in noise to sensitive receptors necessitates further analysis in an EIR.

3-16

Substantial evidence in Ms. Jue's comments demonstrates significant construction and operational noise impacts from the Project on neighboring sensitive receptors. An EIR must be prepared which accurately analyzes and mitigates the Project's significant noise impacts.

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[73] Jue Comments, p. 3.
[74] *Id.* at 4.
[75] *Id.*
[76] *King and Gardiner Farms v. County of Kern* (2020) 45 Cal.App.5th 814, 893.
[77] *Id.*; *Berkeley Jets* 91 Cal.App.4th , 1373; *Keeping Our Mountains Quiet* 236 Cal.App.4th , 732.
[78] *Keep Our Mountains Quiet*

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VIII. THE CITY LACKS SUBSTANTIAL EVIDENCE TO APPROVE THE PROJECT'S LAND USE PERMITS

The Project requires the following entitlements:

- Approval of CUPs for a project on a lot size over one acre, and mechanical equipment exceeding height, if needed;
- Design Review;
- Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;
- Tree removal;
- SCAQMD Authority to Construct/Permit to Operate; and
- Permits to Construct SCE Facilities.

3-17

A. The City Cannot Make the Necessary Findings to Approve the Conditional Use Permit

Approval of a Conditional Use Permit ("CUP") requires investigation and determination by the Planning Commission subject to appeal to the City Council.[79] Pursuant to Municipal Code Section 21.32.020(B), in order to grant a CUP, the Planning Agency must find, based upon substantial evidence:

a. That the site is adequate in size, shape and topography for the proposed use including, without limitation, any required yards, walls, fences, parking and loading facilities, landscaping, setbacks, and other development standards required in this code;
b. That the site has sufficient access to streets and highways, adequate in width and pavement type to carry the quantity and quality of traffic generated by the proposed use;
c. That the proposed use is consistent with the General Plan, any applicable specific plan, and applicable law;
d. That the proposed use will not create unusual noise, traffic, or other conditions that may be objectionable, detrimental, or incompatible with surrounding properties or other permitted uses in the City;
e. That the proposed use will not have an adverse effect on the public health, safety and general welfare; and

3-18

[79] City of Monterey Park, California, Planning Commission, available at: https://www.montereypark.ca.gov/649/Planning-Commission.

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f. That the use applied for at the location set forth in the application is properly one authorized by conditional use permit pursuant to this code.

As demonstrated herein, and in the expert consultant reports attached hereto, the Project results in a significant adverse effect on the public health, safety, and general welfare due to the Project's significant air quality, health risk, and noise impacts. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

3-18 cont.

B. The City Cannot Make the Necessary Findings to Approve the Design Review

In order to approve a design review application, the Applicant must show, to the satisfaction of the City Planner, the following:

(A) The architecture and mass of new buildings and structures and modifications of existing buildings and structures are compatible and in keeping with the character of the neighborhood and not detrimental to the general welfare of the neighborhood in which they are located. [80]

3-19

As demonstrated herein, and in the expert consultant reports attached hereto, the proximity of the Project to sensitive receptors will result in significant unmitigated noise, air quality, and health risk impacts that are detrimental to the general welfare of the neighborhood in which it is located, in violation of the municipal code. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

IX. CONCLUSION

For the reasons discussed above, the MND for the Project is wholly inadequate under CEQA. An EIR must be circulated to provide legally adequate analysis of, and mitigation for, all of the Project's potentially significant impacts.

3-20

[80] Monterey Park Municipal Code § 21.36.060.

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Until an EIR has been prepared and circulated for public review, as described herein, the City may not lawfully approve the Project.

3-20 cont.

Sincerely,

Kelilah D. Federman

Attachments
KDF:acp

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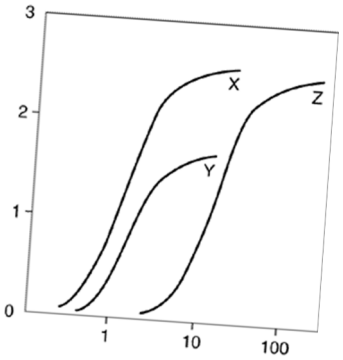
EXHIBIT A



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December 2, 2024

Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 100
South San Francisco, CA 94080

Attn: Ms. Kelilah Federman

Subject: Comment Letter on Initial Study/Mitigated Negative Declaration (IS/MND) For 1977 Saturn Data Center Project, City of Monterey Park, CA.

Dear Ms. Federman:

At the request of Adams Broadwell Joseph & Cardozo (ABJC), Clark and Associates (Clark) has reviewed materials related to the IS/MND for the above referenced project.

Clark's review of the materials in no way constitutes a validation of the conclusions or materials contained within the project record. If we do not comment on a specific item this does not constitute acceptance of the item.

Project Description

3-21

The Project would demolish the existing site improvements and construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping. The Data Center would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space (collectively, the "Project"). The proposed data center building would be one story and 36 feet in height (46.5 feet to top of mechanical equipment platform screening). An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include fourteen (14) four-megawatt (4-MW) back-up

diesel generators to provide power in the event of an emergency.

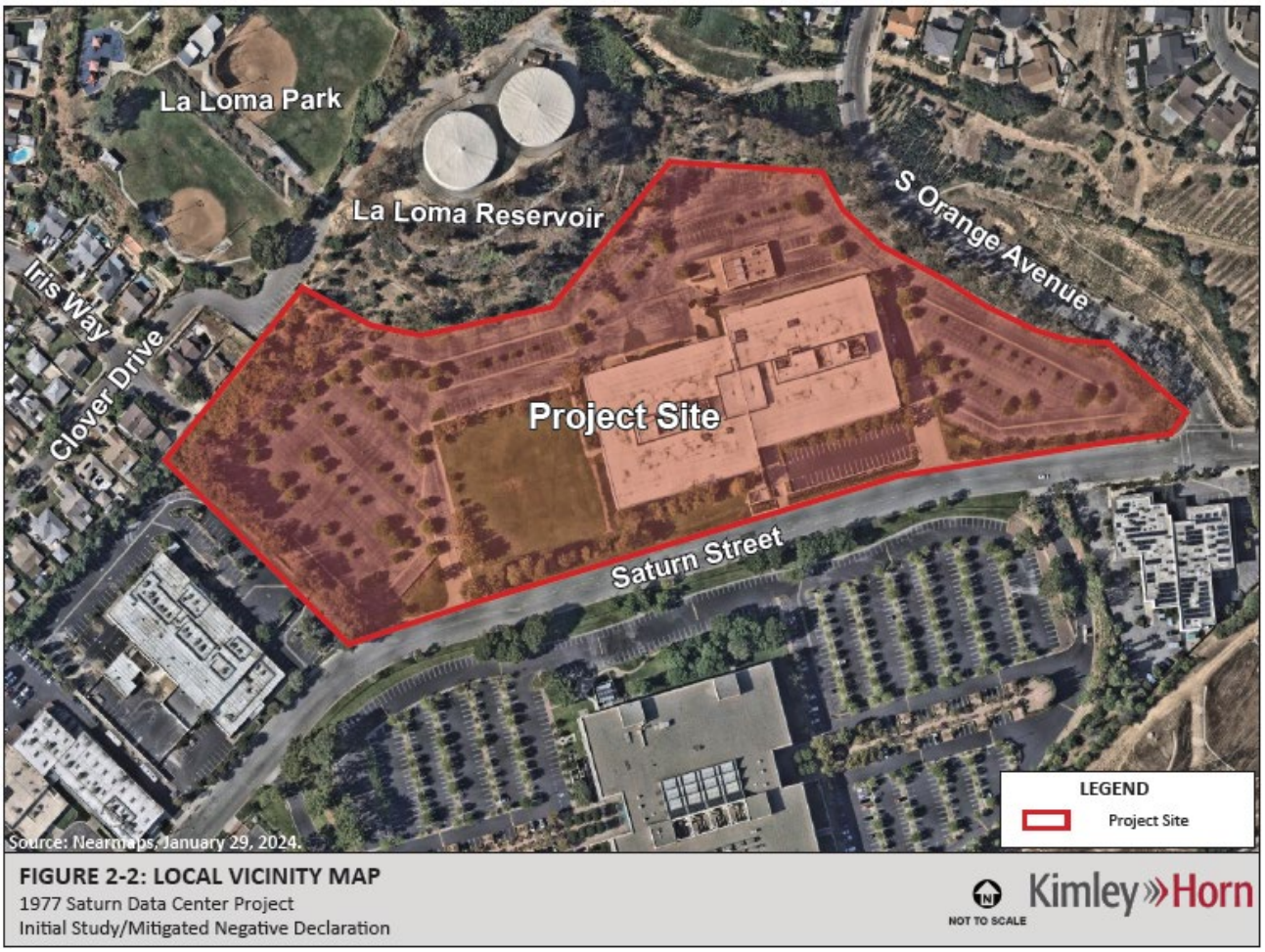


Figure 1: Project Site

The Project would also include a 24,000-square-foot electrical substation, appurtenant to the function of the data center. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.

3-21 cont.

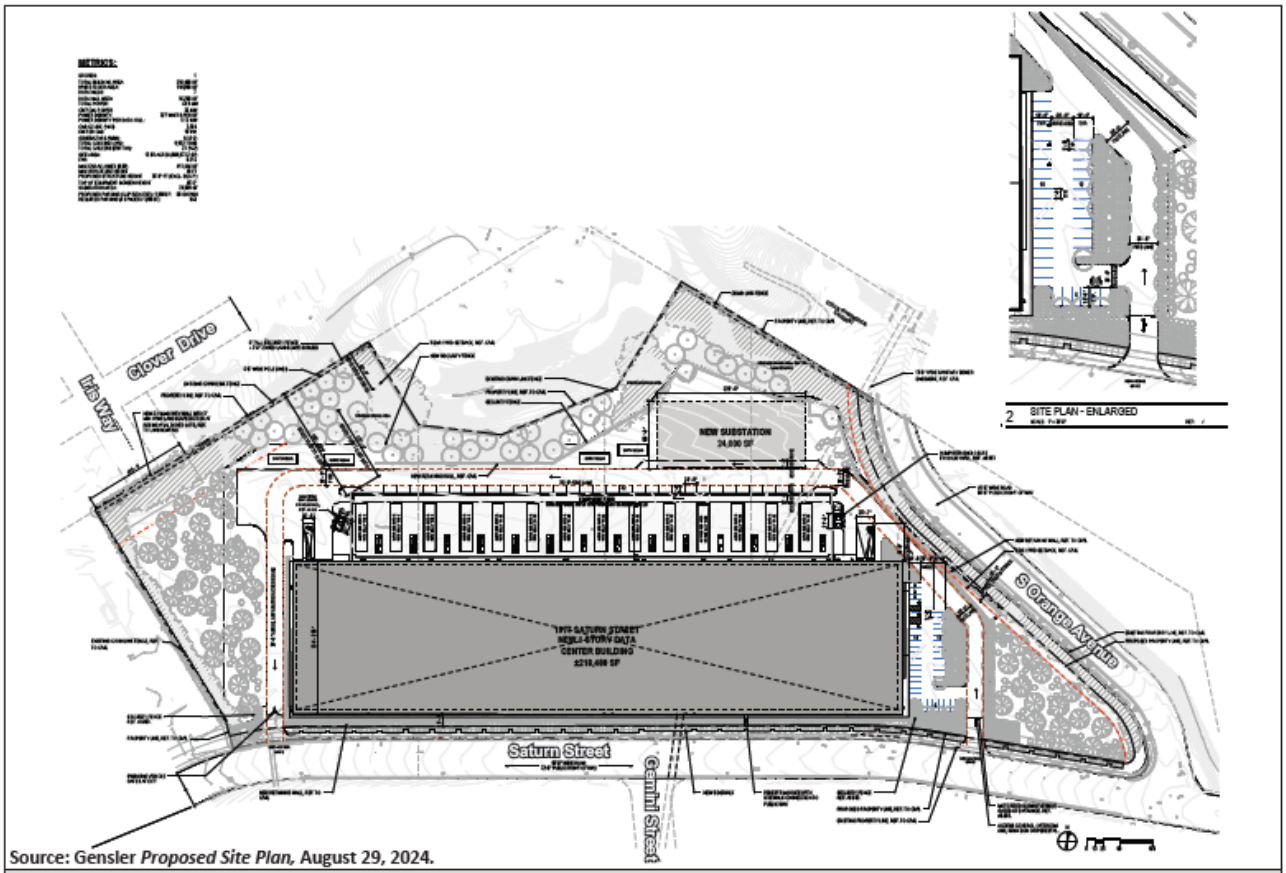


Figure 2: Conceptual Site Plan

Grading for the proposed improvements would require cut and fill to create building pads. The Project Site is bordered on the north by hillside that would remain undisturbed where the proposed design permits, as a general guideline using the existing parking lot limits and the limit of grading. There is currently only one area where there is cut into the hillside to accommodate the future substation. The proposed data center building takes up majority of the buildable land on the Project Site and spans nearly the entire frontage of Saturn Street. Project construction is anticipated to occur in the following sequence:

- Demolition of existing structures,
- Site grading and construction preparation,
- Building construction,
- Utility work,

3-21 cont.

- Paving,
- Interior construction and build-out,
- Installation of equipment and infrastructure, and
- Final inspections, testing, and commissioning.

Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately 65,000 cubic yards of soil export.

The backup generators are designed to start up quickly and run only as demand requires. All generators would be located outdoors in the equipment yard and would be surrounded by an acoustic screen wall. Generators would be placed in sound-attenuating enclosures. The generators would be laid out in one row and reach a height of approximately 20 feet to top of generator enclosure, and up to 40 feet to top of exhaust stack. Each generator would be provided with a 7,000-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions. 3-21 cont.

The heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations.

The IS/MND claims that as formulated the Project would result in air quality impacts that are less than significant while failing to consider at least one major source of pollution on-site (the back-up generators). This conclusion is not supported by the data contained within the IS/MND and the City must fully evaluate the air quality impacts in an environmental impact report (EIR).

Specific Comments:

1. **The Claims Regarding Greenhouse Gas (GHG) Emissions Are Not Supported In The Appendices To The Air Quality Analysis And The GHG Analysis**

According to the IS/MND the operational or long-term emissions would occur over the life of the proposed Project. GHG emissions would result from area sources (consumer products, landscape maintenance equipment, and painting), vehicular traffic, and diesel fuel associated with the emergency generators. Operational GHG emissions would also result from indirect sources, such as off-site 3-22

generation of electrical power, the energy required to convey water to, and wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

In the GHG analysis memorandum[1] it is stated that the Project electricity usage would be mainly from the operation of the data center. The stated purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data received from the Applicant, the Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the 14 gen-sets, which are each capable of generating 4 megawatts (MW) of power, would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel releasing diesel particulate matter (DPM), a known human carcinogen. The Air Quality Analysis (Appendix A-1 to IS/MND) states that the proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power.[2] The other two generators would be on stand-by in case of failure for one of the 12 assigned to the system. The Air Quality Analysis and GHG Analysis of the Project both rely on the CalEEMOD model to calculate emissions, and model outputs are included as attachments to the Air Quality and GHG analyses. A review of the CalEEMOD analyses outputs for the operational phase of the Project reveals that the analyses do not include the emergency generators. The failure to include the testing and maintenance for the 14 generators onsite means that the TAC emissions and NO_x emissions were not included in the operational analysis of the Project. Using the same input values for the construction and operational phases, but now including the 14 emergency generators, I have used the CalEEMOD model to calculate the operational emissions of the complete Project (attached to this letter). Based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-generators, the model demonstrates that the generators would emit up to 166 lbs per day of NOx, exceeding the SCAQMD's significance threshold of 55 lbs per day.

3-22 cont.

3-23

[1] Appendix G to IS/MND. Pg 31
[2] Appendix A-1 to IS/MND pg 20

Table 5: Operational Greenhouse Gas Emissions Opening Year	
Emissions Source	**$MTCO_2e$ per Year[1]**
Amortized Construction Emissions	41
Area Source	5
Emergency Generators[2]	2,062
Mobile	80
Waste	70
Water and Wastewater	27
Refrigeration	0.1
Energy[3]	83,020
Total Emissions	85,305
1. Total values are from CalEEMod and may not add up due to rounding. 2. Emergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators). 3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. Total MW per year would be 437,991. Total CO_2e in tons per year would be 83,020. The Project does not include natural gas heaters or water heaters.	
Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.	

3-23 cont.

According to Table 5 from the GHG analysis, the emergency generators would generate 2,062 metric tons of carbon dioxide equivalent ($MTCO_{2eq}$) per year. While Table 5 attributes 2,062 $MTCO_2eq$ to emergency generators, this estimate is unsupported. The CalEEMod modeling provided in the IS/MND does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived. As I demonstrated in my own model, the generators will contribute significantly to the total pollutant emissions from the Project and this must be clearly detailed in an EIR for the Project.

2. The Operational Air Quality Analysis Fails To Consider The Direct Impacts Of Cooling The System While In Operation.

3-24

The operational air quality emissions estimate fails to include critical stationary sources required to cool the data center. As stated above, according to the IS/MND the heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations. Figure 3 of the Air Quality Analysis shows that the cooling system will be rated for 550 tons. The CalEEMOD

analysis for operational emissions lists general office building under the refrigeration and air conditioning equipment. The GHG and Air Quality analyses assess the impacts of the Project based on the consumption of 50-MW per hour of energy and does not include a specific analysis of the amount of energy (and resulting pollution emissions) that would be required to maintain the cooling system for the data center. The model used in the CalEEMOD analysis assumed that the energy used to cool the data center would be equivalent to a typical air conditioning system for an office building. A recent paper by Zhu et al (2023) showed that refrigeration systems in Data Centers consume 35% of the energy utilized onsite. Based on the work from Zhu it is clear that the total energy need to maintain the 50 MW of energy required to operate the data center would have to be increased by 17.5 MW to cover the energy required to cool the data center (0.35 * 50 MW = 17.5 MW for cooling) The General Office Building setting in CalEEMOD clearly underestimates that energy consumption rate and resulting GHG and air pollutant emissions from the Project. The City must address this flaw in an EIR of the Project.

3-24 cont.

3. The IS/MND Fails To Model The Diesel Particulate Matter (DPM) Concentration From The Emergency Generators Onsite To The Closest Sensitive Receptor To The Site

According to the HRA prepared for the IS/MND, operational emissions from the Project would result from mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). Toxic air contaminants (TACs) that would be emitted from those sources include benzene, 1,4-butadiene, acrolein, and diesel exhaust.

Diesel exhaust contains nearly 40 toxic substances, including TACs and may pose a serious public health risk for residents in the vicinity of the facility. TACs are airborne substances that are capable of causing short-term (acute) and/or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

3-25

Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death. Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory

tract defense mechanisms; and premature death. Exposure to DPM increases the risk of lung cancer. It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction. DPM is a TAC that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.

This *a priori* assumption regarding the sources of TACs in the HRA ignores a significant source of diesel particulate matter (DPM) emanating from the Project Site, the 14 emergency generators that will be present onsite. The failure to consider the DPM emissions from the generators is a major flaw in the air quality and health risk analyses.[3]

The Health Risk Analysis[4] for the IS/MND states that the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions.

3-25 cont.

Based on the Air Quality Analysis it was assumed that the testing and maintenance of the generators would be limited under the terms of SCAQMD operating permits to be obtained by the Applicant, to operate for a maximum of 4.2 hours each month[5] or approximately 18 minutes per month per generator. Permits from SCAQMD under Rule 1470 normally limit testing of each generator to 50 hours per year (in this case testing could be assumed to take up to 700 hours per year (14 generators * 50 hours per year)). 700 hours per year of diesel emergency generator operation would result in a significant air quality and health risk impacts from exposure to TAC emissions to nearby sensitive receptors.

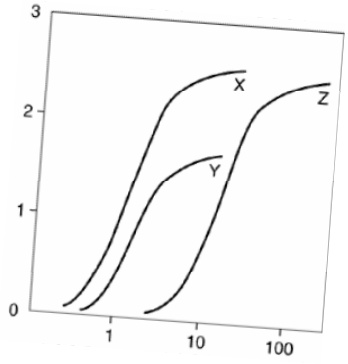
If the City is proposing to limit the total testing of generators to 50 hours per year combined for all generators it must enter into a binding agreement with SCAQMD to ensure compliance with that requirement and include such limitations as a binding mitigation measure. The MND's assumptions regarding diesel emissions from generators and the resulting conclusions regarding health risk are not supported by substantial evidence. The City must re-analyze the Project impacts and present them in an EIR for the Project Site.

[3] ibid
[4] Appendix B to IS/MND pg 12
[5] Appendix A-1 to IS/MND pg 21

Conclusion

The facts identified and referenced in this comment letter lead me to conclude that the Project could result in significant unmitigated impacts if the air quality, GHG and health risk analyses are not corrected. 3-26

Sincerely,



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James J. J. Clark, Ph.D.

Principal Toxicologist

Toxicology/Exposure Assessment Modeling

Risk Assessment/Analysis/Dispersion Modeling

Education:

Ph.D., Environmental Health Science, University of California, 1995

M.S., Environmental Health Science, University of California, 1993

B.S., Biophysical and Biochemical Sciences, University of Houston, 1987

Professional Experience:

Dr. Clark is a well recognized toxicologist, air modeler, and health scientist. He has 20 years of experience in researching the effects of environmental contaminants on human health including environmental fate and transport modeling (SCREEN3, AEROMOD, ISCST3, Johnson-Ettinger Vapor Intrusion Modeling); exposure assessment modeling (partitioning of contaminants in the environment as well as PBPK modeling); conducting and managing human health risk assessments for regulatory compliance and risk-based clean-up levels; and toxicological and medical literature research.

Significant projects performed by Dr. Clark include the following:

LITIGATION SUPPORT

Case: James Harold Caygle, et al, v. Drummond Company, Inc. Circuit Court for the Tenth Judicial Circuit, Jefferson County, Alabama. Civil Action. CV-2009

Client: Environmental Litgation Group, Birmingham, Alabama

Dr. Clark performed an air quality assessment of emissions from a coke factory located in Tarrant, Alabama. The assessment reviewed include a comprehensive review of air quality standards, measured concentrations of pollutants from factory, an inspection of the facility and detailed assessment of the impacts on the community. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Rose Roper V. Nissan North America, et al. Superior Court of the State Of California for the County Of Los Angeles – Central Civil West. Civil Action. NC041739

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to multiple chemicals, including benzene, who later developed a respiratory distress. A review of the individual's medical and occupational history was performed to prepare an exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to respiratory irritants. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: O'Neil V. Sherwin Williams, et al. United States District Court Central District of California

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to petroleum distillates who later developed a bladder cancer. A review of the individual's medical and occupational history was performed to prepare a quantitative exposure assessment. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Summary judgment for defendants.

Case: Moore V., Shell Oil Company, et al. Superior Court of the State Of California for the County Of Los Angeles

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to chemicals while benzene who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a quantitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Raymond Saltonstall V. Fuller O'Brien, KILZ, and Zinsser, et al. United States District Court Central District of California

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to benzene who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a quantitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Richard Boyer and Elizabeth Boyer, husband and wife, V. DESCO Corporation, et al. Circuit Court of Brooke County, West Virginia. Civil Action Number 04-C-7G.

Client: Frankovitch, Anetakis, Colantonio & Simon, Morgantown, West Virginia.

Dr. Clark performed a toxicological assessment of a family exposed to chlorinated solvents released from the defendant's facility into local drinking water supplies. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to chlorinated solvents. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: JoAnne R. Cook, V. DESCO Corporation, et al. Circuit Court of Brooke County, West Virginia. Civil Action Number 04-C-9R

Client: Frankovitch, Anetakis, Colantonio & Simon, Morgantown, West Virginia.

Dr. Clark performed a toxicological assessment of an individual exposed to chlorinated solvents released from the defendant's facility into local drinking water supplies. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to chlorinated solvents. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Patrick Allen And Susan Allen, husband and wife, and Andrew Allen, a minor, V. DESCO Corporation, et al. Circuit Court of Brooke County, West Virginia. Civil Action Number 04-C-W

Client: Frankovitch, Anetakis, Colantonio & Simon, Morgantown, West Virginia.

Dr. Clark performed a toxicological assessment of a family exposed to chlorinated solvents released from the defendant's facility into local drinking water supplies. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to chlorinated solvents. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Michael Fahey, Susan Fahey V. Atlantic Richfield Company, et al. United States District Court Central District of California Civil Action Number CV-06 7109 JCL.

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to refined petroleum hydrocarbons who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Constance Acevedo, et al., V. California Spray-Chemical Company, et al., Superior Court of the State Of California, County Of Santa Cruz. Case No. CV 146344

Dr. Clark performed a comprehensive exposure assessment of community members exposed to toxic metals from a former lead arsenate manufacturing facility. The former manufacturing site had undergone a DTSC mandated removal action/remediation for the presence of the toxic metals at the site. Opinions were presented regarding the elevated levels of arsenic and lead (in attic dust and soils) found throughout the community and the potential for harm to the plaintiffs in question.

Case Result: Settlement in favor of defendant.

Case: Michael Nawrocki V. The Coastal Corporation, Kurk Fuel Company, Pautler Oil Service, State of New York Supreme Court, County of Erie, Index Number I2001-11247

Client: Richard G. Berger Attorney At Law, Buffalo, New York

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to refined petroleum hydrocarbons who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the

known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Judgement in favor of defendant.

SELECTED AIR MODELING RESEARCH/PROJECTS

Client – Confidential

Dr. Clark performed a comprehensive evaluation of criteria pollutants, air toxins, and particulate matter emissions from a carbon black production facility to determine the impacts on the surrounding communities. The results of the dispersion model will be used to estimate acute and chronic exposure concentrations to multiple contaminants and will be incorporated into a comprehensive risk evaluation.

Client – Confidential

Dr. Clark performed a comprehensive evaluation of air toxins and particulate matter emissions from a railroad tie manufacturing facility to determine the impacts on the surrounding communities. The results of the dispersion model have been used to estimate acute and chronic exposure concentrations to multiple contaminants and have been incorporated into a comprehensive risk evaluation.

Client – Los Angeles Alliance for a New Economy (LAANE), Los Angeles, California

Dr. Clark is advising the LAANE on air quality issues related to current flight operations at the Los Angeles International Airport (LAX) operated by the Los Angeles World Airport (LAWA) Authority. He is working with the LAANE and LAX staff to develop a comprehensive strategy for meeting local community concerns over emissions from flight operations and to engage federal agencies on the issue of local impacts of community airports.

Client – City of Santa Monica, Santa Monica, California

Dr. Clark is advising the City of Santa Monica on air quality issues related to current flight operations at the facility. He is working with the City staff to develop a comprehensive strategy for meeting local community concerns over emissions from flight operations and to engage federal agencies on the issue of local impacts of community airports.

Client: Omnitrans, San Bernardino, California

Dr. Clark managed a public health survey of three communities near transit fueling facilities in San Bernardino and Montclair California in compliance with California Senate Bill 1927. The survey included an epidemiological survey of the effected communities, emission surveys of local businesses, dispersion modeling to determine potential emission concentrations within the communities, and a comprehensive risk assessment of each community. The results of the study were presented to the Governor as mandated by Senate Bill 1927.

Client: Confidential, San Francisco, California

Summarized cancer types associated with exposure to metals and smoking. Researched the specific types of cancers associated with exposure to metals and smoking. Provided causation analysis of the association between cancer types and exposure for use by non-public health professionals.

Client: Confidential, Minneapolis, Minnesota

Prepared human health risk assessment of workers exposed to VOCs from neighboring petroleum storage/transport facility. Reviewed the systems in place for distribution of petroleum hydrocarbons to identify chemicals of concern (COCs), prepared comprehensive toxicological summaries of COCs, and quantified potential risks from carcinogens and non-carcinogens to receptors at or adjacent to site. This evaluation was used in the support of litigation.

Client – United Kingdom Environmental Agency

Dr. Clark is part of team that performed comprehensive evaluation of soil vapor intrusion of VOCs from former landfill adjacent residences for the United Kingdom's Environment

Agency. The evaluation included collection of liquid and soil vapor samples at site, modeling of vapor migration using the Johnson Ettinger Vapor Intrusion model, and calculation of site-specific health based vapor thresholds for chlorinated solvents, aromatic hydrocarbons, and semi-volatile organic compounds. The evaluation also included a detailed evaluation of the use, chemical characteristics, fate and transport, and toxicology of chemicals of concern (COC). The results of the evaluation have been used as a briefing tool for public health professionals.

EMERGING/PERSISTENT CONTAMINANT RESEARCH/PROJECTS

Client: Ameren Services, St. Louis, Missouri

Managed the preparation of a comprehensive human health risk assessment of workers and residents at or near an NPL site in Missouri. The former operations at the Property included the servicing and repair of electrical transformers, which resulted in soils and groundwater beneath the Property and adjacent land becoming impacted with PCB and chlorinated solvent compounds. The results were submitted to U.S. EPA for evaluation and will be used in the final ROD.

Client: City of Santa Clarita, Santa Clarita, California

Dr. Clark is managing the oversight of the characterization, remediation and development activities of a former 1,000 acre munitions manufacturing facility for the City of Santa Clarita. The site is impacted with a number of contaminants including perchlorate, unexploded ordinance, and volatile organic compounds (VOCs). The site is currently under a number of regulatory consent orders, including an Immanent and Substantial Endangerment Order. Dr. Clark is assisting the impacted municipality with the development of remediation strategies, interaction with the responsible parties and stakeholders, as well as interfacing with the regulatory agency responsible for oversight of the site cleanup.

Client: Confidential, Los Angeles, California

Prepared comprehensive evaluation of perchlorate in environment. Dr. Clark evaluated the production, use, chemical characteristics, fate and transport, toxicology, and remediation of perchlorate. Perchlorates form the basis of solid rocket fuels and have recently been detected in water supplies in the United States. The results of this research

were presented to the USEPA, National GroundWater, and ultimately published in a recent book entitled *Perchlorate in the Environment.*

Client – Confidential, Los Angeles, California

Dr. Clark is performing a comprehensive review of the potential for pharmaceuticals and their by-products to impact groundwater and surface water supplies. This evaluation will include a review if available data on the history of pharmaceutical production in the United States; the chemical characteristics of various pharmaceuticals; environmental fate and transport; uptake by xenobiotics; the potential effects of pharmaceuticals on water treatment systems; and the potential threat to public health. The results of the evaluation may be used as a briefing tool for non-public health professionals.

PUBLIC HEALTH/TOXICOLOGY

Client: Brayton Purcell, Novato, California

Dr. Clark performed a toxicological assessment of residents exposed to methyl-tertiary butyl ether (MTBE) from leaking underground storage tanks (LUSTs) adjacent to the subject property. The symptomology of residents and guests of the subject property were evaluated against the known outcomes in published literature to exposure to MTBE. The study found that residents had been exposed to MTBE in their drinking water; that concentrations of MTBE detected at the site were above regulatory guidelines; and, that the symptoms and outcomes expressed by residents and guests were consistent with symptoms and outcomes documented in published literature.

Client: Confidential, San Francisco, California

Identified and analyzed fifty years of epidemiological literature on workplace exposures to heavy metals. This research resulted in a summary of the types of cancer and non-cancer diseases associated with occupational exposure to chromium as well as the mortality and morbidity rates.

Client: Confidential, San Francisco, California

Summarized major public health research in United States. Identified major public health research efforts within United States over last twenty years. Results were used as a briefing tool for non-public health professionals.

Client: Confidential, San Francisco, California

Quantified the potential multi-pathway dose received by humans from a pesticide applied indoors. Part of team that developed exposure model and evaluated exposure concentrations in a comprehensive report on the plausible range of doses received by a specific person. This evaluation was used in the support of litigation.

Client: Covanta Energy, Westwood, California

Evaluated health risk from metals in biosolids applied as soil amendment on agricultural lands. The biosolids were created at a forest waste cogeneration facility using 96% whole tree wood chips and 4 percent green waste. Mass loading calculations were used to estimate Cr(VI) concentrations in agricultural soils based on a maximum loading rate of 40 tons of biomass per acre of agricultural soil. The results of the study were used by the Regulatory agency to determine that the application of biosolids did not constitute a health risk to workers applying the biosolids or to residences near the agricultural lands.

Client – United Kingdom Environmental Agency

Oversaw a comprehensive toxicological evaluation of methyl-*tertiary* butyl ether (M*t*BE) for the United Kingdom's Environment Agency. The evaluation included available data on the production, use, chemical characteristics, fate and transport, toxicology, and remediation of M*t*BE. The results of the evaluation have been used as a briefing tool for public health professionals.

Client – Confidential, Los Angeles, California

Prepared comprehensive evaluation of *tertiary* butyl alcohol (TBA) in municipal drinking water system. TBA is the primary breakdown product of M*t*BE, and is suspected to be the primary cause of M*t*BE toxicity. This evaluation will include available information on the production, use, chemical characteristics, fate and transport in the environment, absorption, distribution, routes of detoxification, metabolites, carcinogenic potential, and remediation of TBA. The results of the evaluation were used as a briefing tool for non-public health professionals.

Client – Confidential, Los Angeles, California

Prepared comprehensive evaluation of methyl *tertiary* butyl ether (MTBE) in municipal drinking water system. MTBE is a chemical added to gasoline to increase the octane

rating and to meet Federally mandated emission criteria. The evaluation included available data on the production, use, chemical characteristics, fate and transport, toxicology, and remediation of MTBE. The results of the evaluation have been were used as a briefing tool for non-public health professionals.

Client – Ministry of Environment, Lands & Parks, British Columbia

Dr. Clark assisted in the development of water quality guidelines for methyl tertiary-butyl ether (MTBE) to protect water uses in British Columbia (BC). The water uses to be considered includes freshwater and marine life, wildlife, industrial, and agricultural (e.g., irrigation and livestock watering) water uses. Guidelines from other jurisdictions for the protection of drinking water, recreation and aesthetics were to be identified.

Client: Confidential, Los Angeles, California

Prepared physiologically based pharmacokinetic (PBPK) assessment of lead risk of receptors at middle school built over former industrial facility. This evaluation is being used to determine cleanup goals and will be basis for regulatory closure of site.

Client: Kaiser Venture Incorporated, Fontana, California

Prepared PBPK assessment of lead risk of receptors at a 1,100-acre former steel mill. This evaluation was used as the basis for granting closure of the site by lead regulatory agency.

RISK ASSESSMENTS/REMEDIAL INVESTIGATIONS

Client: Confidential, Atlanta, Georgia

Researched potential exposure and health risks to community members potentially exposed to creosote, polycyclic aromatic hydrocarbons, pentachlorophenol, and dioxin compounds used at a former wood treatment facility. Prepared a comprehensive toxicological summary of the chemicals of concern, including the chemical characteristics, absorption, distribution, and carcinogenic potential. Prepared risk characterization of the carcinogenic and non-carcinogenic chemicals based on the exposure assessment to quantify the potential risk to members of the surrounding community. This evaluation was used to help settle class-action tort.

Client: Confidential, Escondido, California

Prepared comprehensive Preliminary Endangerment Assessment (PEA) of dense non-aqueous liquid phase hydrocarbon (chlorinated solvents) contamination at a former printed circuit board manufacturing facility. This evaluation was used for litigation support and may be used as the basis for reaching closure of the site with the lead regulatory agency.

Client: Confidential, San Francisco, California

Summarized epidemiological evidence for connective tissue and autoimmune diseases for product liability litigation. Identified epidemiological research efforts on the health effects of medical prostheses. This research was used in a meta-analysis of the health effects and as a briefing tool for non-public health professionals.

Client: Confidential, Bogotá, Columbia

Prepared comprehensive evaluation of the potential health risks associated with the redevelopment of a 13.7 hectares plastic manufacturing facility in Bogotá, Colombia The risk assessment was used as the basis for the remedial goals and closure of the site.

Client: Confidential, Los Angeles, California

Prepared comprehensive human health risk assessment of students, staff, and residents potentially exposed to heavy metals (principally cadmium) and VOCs from soil and soil vapor at 12-acre former crude oilfield and municipal landfill. The site is currently used as a middle school housing approximately 3,000 children. The evaluation determined that the site was safe for the current and future uses and was used as the basis for regulatory closure of site.

Client: Confidential, Los Angeles, California

Managed remedial investigation (RI) of heavy metals and volatile organic chemicals (VOCs) for a 15-acre former manufacturing facility. The RI investigation of the site included over 800 different sampling locations and the collection of soil, soil gas, and groundwater samples. The site is currently used as a year round school housing approximately 3,000 children. The Remedial Investigation was performed in a manner

that did not interrupt school activities and met the time restrictions placed on the project by the overseeing regulatory agency. The RI Report identified the off-site source of metals that impacted groundwater beneath the site and the sources of VOCs in soil gas and groundwater. The RI included a numerical model of vapor intrusion into the buildings at the site from the vadose zone to determine exposure concentrations and an air dispersion model of VOCs from the proposed soil vapor treatment system. The Feasibility Study for the Site is currently being drafted and may be used as the basis for granting closure of the site by DTSC.

Client: Confidential, Los Angeles, California

Prepared comprehensive human health risk assessment of students, staff, and residents potentially exposed to heavy metals (principally lead), VOCs, SVOCs, and PCBs from soil, soil vapor, and groundwater at 15-acre former manufacturing facility. The site is currently used as a year round school housing approximately 3,000 children. The evaluation determined that the site was safe for the current and future uses and will be basis for regulatory closure of site.

Client: Confidential, Los Angeles, California

Prepared comprehensive evaluation of VOC vapor intrusion into classrooms of middle school that was former 15-acre industrial facility. Using the Johnson-Ettinger Vapor Intrusion model, the evaluation determined acceptable soil gas concentrations at the site that did not pose health threat to students, staff, and residents. This evaluation is being used to determine cleanup goals and will be basis for regulatory closure of site.

Client –Dominguez Energy, Carson, California

Prepared comprehensive evaluation of the potential health risks associated with the redevelopment of 6-acre portion of a 500-acre oil and natural gas production facility in Carson, California. The risk assessment was used as the basis for closure of the site.

Kaiser Ventures Incorporated, Fontana, California

Prepared health risk assessment of semi-volatile organic chemicals and metals for a fifty-year old wastewater treatment facility used at a 1,100-acre former steel mill. This evaluation was used as the basis for granting closure of the site by lead regulatory agency.

ANR Freight - Los Angeles, California

Prepared a comprehensive Preliminary Endangerment Assessment (PEA) of petroleum hydrocarbon and metal contamination of a former freight depot. This evaluation was as the basis for reaching closure of the site with lead regulatory agency.

Kaiser Ventures Incorporated, Fontana, California

Prepared comprehensive health risk assessment of semi-volatile organic chemicals and metals for 23-acre parcel of a 1,100-acre former steel mill. The health risk assessment was used to determine clean up goals and as the basis for granting closure of the site by lead regulatory agency. Air dispersion modeling using ISCST3 was performed to determine downwind exposure point concentrations at sensitive receptors within a 1 kilometer radius of the site. The results of the health risk assessment were presented at a public meeting sponsored by the Department of Toxic Substances Control (DTSC) in the community potentially affected by the site.

Unocal Corporation - Los Angeles, California

Prepared comprehensive assessment of petroleum hydrocarbons and metals for a former petroleum service station located next to sensitive population center (elementary school). The assessment used a probabilistic approach to estimate risks to the community and was used as the basis for granting closure of the site by lead regulatory agency.

Client: Confidential, Los Angeles, California

Managed oversight of remedial investigation most contaminated heavy metal site in California. Lead concentrations in soil excess of 68,000,000 parts per billion (ppb) have been measured at the site. This State Superfund Site was a former hard chrome plating operation that operated for approximately 40-years.

Client: Confidential, San Francisco, California

Coordinator of regional monitoring program to determine background concentrations of metals in air. Acted as liaison with SCAQMD and CARB to perform co-location sampling and comparison of accepted regulatory method with ASTM methodology.

Client: Confidential, San Francisco, California

Analyzed historical air monitoring data for South Coast Air Basin in Southern California and potential health risks related to ambient concentrations of carcinogenic metals and volatile organic compounds. Identified and reviewed the available literature and calculated risks from toxins in South Coast Air Basin.

IT Corporation, North Carolina

Prepared comprehensive evaluation of potential exposure of workers to air-borne VOCs at hazardous waste storage facility under SUPERFUND cleanup decree. Assessment used in developing health based clean-up levels.

Professional Associations

American Public Health Association (APHA)
Association for Environmental Health and Sciences (AEHS)
American Chemical Society (ACS)
California Redevelopment Association (CRA)
International Society of Environmental Forensics (ISEF)
Society of Environmental Toxicology and Chemistry (SETAC)

Publications and Presentations:

Books and Book Chapters

Sullivan, P., **J.J. J. Clark,** F.J. Agardy, and P.E. Rosenfeld. (2007). *Synthetic Toxins In The Food, Water and Air of American Cities*. Elsevier, Inc. Burlington, MA.

Sullivan, P. and **J.J. J. Clark**. 2006. *Choosing Safer Foods, A Guide To Minimizing Synthetic Chemicals In Your Diet*. Elsevier, Inc. Burlington, MA.

Sullivan, P., Agardy, F.J., and **J.J.J. Clark**. 2005. *The Environmental Science of Drinking Water*. Elsevier, Inc. Burlington, MA.

Sullivan, P.J., Agardy, F.J., **Clark, J.J.J.** 2002. *America's Threatened Drinking Water: Hazards and Solutions*. Trafford Publishing, Victoria B.C.

Clark, J.J.J. 2001. "TBA: Chemical Properties, Production & Use, Fate and Transport, Toxicology, Detection in Groundwater, and Regulatory Standards" in *Oxygenates in the Environment.* Art Diaz, Ed.. Oxford University Press: New York.

Clark, J.J.J. 2000. "Toxicology of Perchlorate" in *Perchlorate in the Environment.* Edward Urbansky, Ed. Kluwer/Plenum: New York.

Clark, J.J.J. 1995. Probabilistic Forecasting of Volatile Organic Compound Concentrations At The Soil Surface From Contaminated Groundwater. UMI.

Baker, J.; **Clark, J.J.J.**; Stanford, J.T. 1994. Ex Situ Remediation of Diesel Contaminated Railroad Sand by Soil Washing. Principles and Practices for Diesel Contaminated Soils, Volume III. P.T. Kostecki, E.J. Calabrese, and C.P.L. Barkan, eds. Amherst Scientific Publishers, Amherst, MA. pp 89-96.

Journal and Proceeding Articles

Tam L. K.., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008) A Statistical Analysis Of Attic Dust And Blood Lipid Concentrations Of Tetrachloro-p-Dibenzodioxin (TCDD) Toxicity Equialency Quotients (TEQ) In Two Populations Near Wood Treatment Facilities. Organohalogen Compounds, Volume 70 (2008) page 002254.

Tam L. K.., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008) Methods For Collect Samples For Assessing Dioxins And Other Environmental Contaminants In Attic Dust: A Review. Organohalogen Compounds, Volume 70 (2008) page 000527

Hensley A.R., Scott, A., Rosenfeld P.E., **Clark, J.J.J.** (2007). "Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility." *Environmental Research.* 105:194-199.

Rosenfeld, P.E., **Clark, J. J.,** Hensley, A.R., and Suffet, I.H. 2007. "The Use Of An Odor Wheel Classification For The Evaluation of Human Health Risk Criteria For Compost Facilities" Water Science & Technology. 55(5): 345-357.

Hensley A.R., Scott, A., Rosenfeld P.E., **Clark, J.J.J.** 2006. "Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility." The 26th International Symposium on Halogenated Persistent Organic Pollutants – DIOXIN2006, August 21 – 25, 2006. Radisson SAS Scandinavia Hotel in Oslo Norway.

Rosenfeld, P.E., **Clark, J. J.** and Suffet, I.H. 2005. "The Value Of An Odor Quality Classification Scheme For Compost Facility Evaluations" The U.S. Composting Council's 13th Annual Conference January 23 - 26, 2005, Crowne Plaza Riverwalk, San Antonio, TX.

Rosenfeld, P.E., **Clark, J. J.** and Suffet, I.H. 2004. "The Value Of An Odor Quality Classification Scheme For Urban Odor" WEFTEC 2004. 77th Annual Technical Exhibition & Conference October 2 - 6, 2004, Ernest N. Morial Convention Center, New Orleans, Louisiana.

Clark, J.J.J. 2003. "Manufacturing, Use, Regulation, and Occurrence of a Known Endocrine Disrupting Chemical (EDC), 2,4-Dichlorophnoxyacetic Acid (2,4-D) in California Drinking Water Supplies." National Groundwater Association Southwest Focus Conference: Water Supply and Emerging Contaminants. Minneapolis, MN. March 20, 2003.

Rosenfeld, P. and **J.J.J. Clark**. 2003. "Understanding Historical Use, Chemical Properties, Toxicity, and Regulatory Guidance" National Groundwater Association Southwest Focus Conference: Water Supply and Emerging Contaminants. Phoenix, AZ. February 21, 2003.

Clark, J.J.J., Brown A. 1999. Perchlorate Contamination: Fate in the Environment and Treatment Options. In Situ and On-Site Bioremediation, Fifth International Symposium. San Diego, CA, April, 1999.

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Browne, T., **Clark, J.J.J.** 1998. Treatment Options For Perchlorate In Drinking Water. Proceedings From the Groundwater Resource Association Seventh Annual Meeting, Walnut Creek, CA, October 23, 1998.

Clark, J.J.J., Brown, A., Rodriguez, R. 1998. The Public Health Implications of MtBE and Perchlorate in Water: Risk Management Decisions for Water Purveyors. Proceedings of the National Ground Water Association, Anaheim, CA, June 3-4, 1998.

Clark J.J.J., Brown, A., Ulrey, A. 1997. Impacts of Perchlorate On Drinking Water In The Western United States. U.S. EPA Symposium on Biological and Chemical Reduction of Chlorate and Perchlorate, Cincinnati, OH, December 5, 1997.

Clark, J.J.J.; Corbett, G.E.; Kerger, B.D.; Finley, B.L.; Paustenbach, D.J. 1996. Dermal Uptake of Hexavalent Chromium In Human Volunteers: Measures of Systemic Uptake From Immersion in Water At 22 PPM. Toxicologist. 30(1):14.

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Ozone Exposures in Residents of Los Angeles County. American Review of Respiratory Disease. 141(4):A70.

Tierney, D.F. and **J.J.J. Clark.** (1990). Lung Polyamine Content Can Be Increased By Spermidine Infusions Into Hyperoxic Rats. American Review of Respiratory Disease. 139(4):A41.

EXHIBIT B

WILSON IHRIG
ACOUSTICS, NOISE & VIBRATION

CALIFORNIA
WASHINGTON
NEW YORK

WI #24-001.61

December 2, 2024

Richard M. Franco, Esquire
Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 1000
South San Francisco, California 94080

SUBJECT: 1977 Saturn Data Center Project Mitigated Negative Declaration, Comments on the Noise and Vibration Analysis

Dear Mr. Franco,

Per your request, I have reviewed the subject matter documents for the 1977 Saturn Data Center Project (Project) Mitigated Negative Declaration (MND) in Monterey Park, California. The MND includes a Noise and Vibration Analysis Memorandum as Appendix J (Noise Memo). The project would demolish existing structures and construct a one story building.

Wilson Ihrig, Acoustical Consultants, has practiced exclusively in the field of acoustics since 1966. During our 58 years of operation, we have prepared hundreds of noise studies for Environmental Impact Reports and Statements. We have one of the largest technical laboratories in the acoustical consulting industry. We also utilize industry-standard acoustical programs such as Roadway Construction Noise Model (RCNM), SoundPLAN, and CADNA. In short, we are well qualified to prepare environmental noise studies and review studies prepared by others.

3-28

Adverse Effects of Noise[1]

Noise-Induced Hearing Loss. If a person is repeatedly exposed to loud noises, he or she may experience noise-induced hearing impairment or loss. In the United States, both the Occupational Health and Safety Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH) promote standards and regulations to protect the hearing of people exposed to high levels of industrial noise.

3-29

Speech Interference. Another common problem associated with noise is speech interference. In addition to the obvious issues that may arise from misunderstandings, speech interference also leads to problems with concentration fatigue, irritation, decreased working capacity, and automatic stress reactions. For complete speech intelligibility, the sound level of the speech should be 15 to 18 dBA higher than the background noise. Typical indoor speech levels are 45 to 50 dBA at 1 meter, so any

[1] More information on these and other adverse effects of noise may be found in *Guidelines for Community Noise*, eds B Berglund, T Lindvall, and D Schwela, World Health Organization, Geneva, Switzerland, 1999. (https://www.who.int/docstore/peh/noise/Comnoise-1.pdf)

noise above 30 dBA begins to interfere with speech intelligibility. The common reaction to higher background noise levels is to raise one's voice. If this is required persistently for long periods of time, stress reactions and irritation will likely result.

Sleep Disturbance. Noise can disturb sleep by making it more difficult to fall asleep, by waking someone after they are asleep, or by altering their sleep stage, e.g., reducing the amount of rapid eye movement (REM) sleep. Noise exposure for people who are sleeping has also been linked to increased blood pressure, increased heart rate, increase in body movements, and other physiological effects. Not surprisingly, people whose sleep is disturbed by noise often experience secondary effects such as increased fatigue, depressed mood, and decreased work performance.

Cardiovascular and Physiological Effects. Human's bodily reactions to noise are rooted in the "fight or flight" response that evolved when many noises signaled imminent danger. These include increased blood pressure, elevated heart rate, and vasoconstriction. Prolonged exposure to acute noises can result in permanent effects such as hypertension and heart disease.

Impaired Cognitive Performance. Studies have established that noise exposure impairs people's abilities to perform complex tasks (tasks that require attention to detail or analytical processes), and it makes reading, paying attention, solving problems, and memorizing more difficult. Therefore, there are standards for classroom background noise levels, which is why offices and libraries are designed to provide quiet work environments. One societal change brought about by the COVID-19 pandemic is that many people now routinely work and learn from home, and this has given rise to more noise complaints from loud daytime activities such as construction work.

3-29 cont.

Errors and Omissions

The MND and Noise Memo contain several errors and omits several items. Several of these items are explored in more detail following this list:

1. The MND does not identify the noise metrics used for the existing noise data. The Noise Memo describes several different metrics, and it not clear which ones are being used to present the existing noise in Table 4.13-2. In order to use this data to adjust the City's noise ordinance for the measured noise level, this should be the **L_{50}, or median noise** level, however Table 4.13-6 references these values as L_{eq}, and the construction noise analysis uses L_{eq}. L_{50} and L_{eq} are not the same metric; the L_{eq} can be very similar to L_{50}, but it is often several decibels higher. Using the proper median value would result in significant impacts.

2. For the purposes of CEQA, the MND must provide an analysis of potentially significant impacts. Therefore, the existing noise in Table 4.13-2 must show the range of the median noise level (L_{50}) derived on an hourly basis during daytime and nighttime periods, and the minimum values must be used to evaluate potentially significant impacts.

3-30

3. The noise analysis neglects to take into account the tonal penalty that the City applies to noise equipment (such as chillers and generators). This is an error, and the noise limits shown in Table 4.13-6 must reflect a lower noise limit reduced by 5 dBA. As described below, using the correct noise limit would result in significant noise impacts.

3-31

4. The Noise Memo does not provide evidence to document the source of the Project's rooftop equipment noise emission levels. The MND states that 23 rooftop chillers and 14 emergency

3-32

generators will be utilized (p. 10). The Noise Memo does not identify the source of the reference sound power levels used in its analysis for HVAC rooftop equipment and it lacks sound power data for the generators. The failure to identify the HVAC and generator sound power data makes it impossible to evaluate the Noise Memo's conclusions regarding operational noise impacts. The MND's conclusions that the project will not cause significant noise impact is therefore not supported by substantial evidence. 3-32 cont.

5. The construction noise analysis erroneously relies on FTA guidance criteria without taking into account the existing noise environment. The FTA guidance states, "Project construction noise criteria should account for the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land use." 3-33

For the purposes of CEQA, the closest distances must be used to identify potentially significant noise impacts.

Item #3 Mechanical Equipment Noise Levels Would Be Significant

Table 4.13-6 contains two errors: 1) the Ambient noise level referenced must be the median noise level, L50, not the Leq, 2) the noise limit must be lowered by 5 dBA as noted above. Furthermore, for the purposes of CEQA and an MND analysis, the ambient median noise levels referenced should be reflective of the lowest values in the daytime and nighttime periods.

As shown, with these errors, the mechanical equipment noise would exceed the noise limits during the nighttime hours at the residences to the west, and at the northeastern residences the noise limits would be exceeded during the daytime and nighttime hours. See Figure 1. Since the L50 is less than the Leq, the actual quiet range of the median levels should be even lower than shown in the MND Table 4.13-6, which could result in significant noise impacts for daytime hours. 3-34

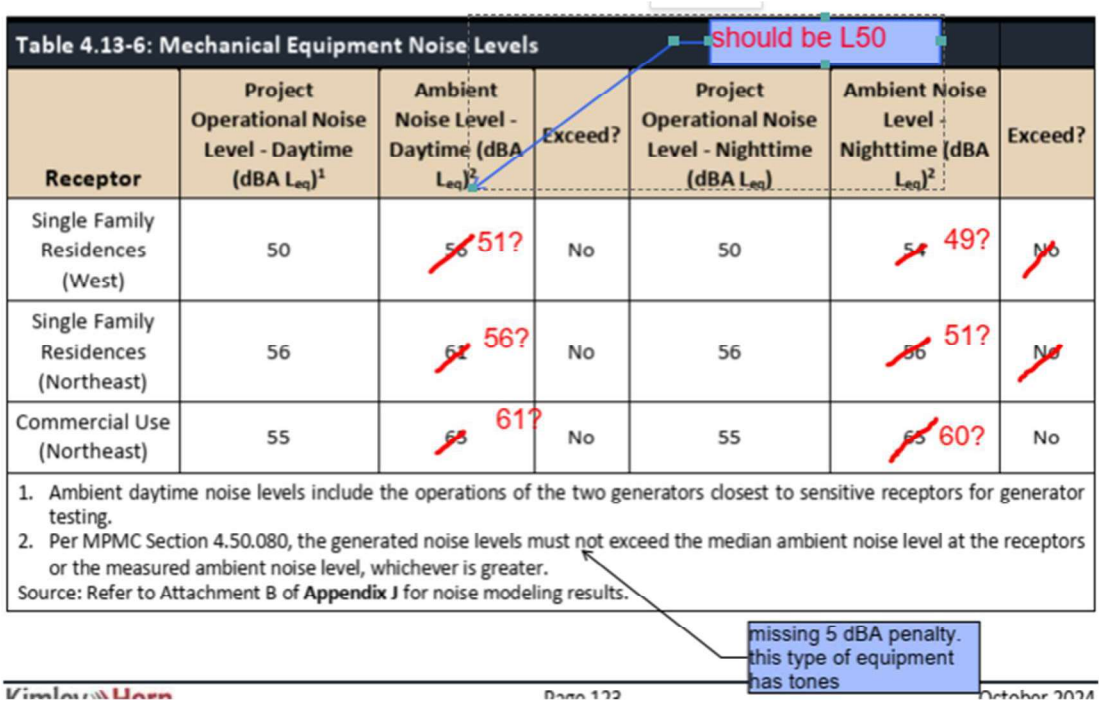


Table 4.13-6: Mechanical Equipment Noise Levels

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA L_{eq})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA L_{eq})[2]	Exceed?
Single Family Residences (West)	50	~~56~~ 51?	No	50	~~54~~ 49?	~~No~~
Single Family Residences (Northeast)	56	~~61~~ 56?	No	56	~~56~~ 51?	~~No~~
Commercial Use (Northeast)	55	~~65~~ 61?	No	55	~~65~~ 60?	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

Figure 1 Markup of Table 4.13-6 from MND – MND Omits Generator Noise

Item #4 Generator Mechanical Equipment Noise Levels Would Be Significant

The results Table 4.13-6 cannot be verified since the source power levels for the chillers and RTUs are not provided in the Noise Memo. Furthermore, the noise from generators was not evaluated citing an "emergency" exemption. However, given the challenges with the California power grid and wildfire in recent years, a power outage could occur at the Project site that would not be considered a local "emergency". Therefore, for purposes of CEQA the noise from 12 simultaneously operating generators must be included. The sound from the generators could be the same or higher than the chillers and RTUs, and the combined operation of all mechanical equipment could be 3 dBA or more than shown in Table 4.13-6 (replicated above in Figure 1). Generators can be provided with sound reducing enclosures, and these must be included as mitigation.

3-35

Item #5 Construction Noise Impacts Would Be Significant

If the ambient L_{eq} are what is shown in Table 4.13-2, based on the discussions above, the ambient noise levels at residential areas ranges from 55 to 60 dBA, and the FTA 80 dBA noise threshold for residential shown in Table 4.13-5 would be 20 to 25 dBA higher than the ambient. This would be experienced as noise that is more than four times the existing environment, and it would be a significant impact. Allowing construction noise to exceed the ambient by more than 10 dBA would interfere with speech at neighboring properties. For purposes of CEQA and the MND, the construction analysis must also consider the construction noise from activities near the property line; the noise from these activities would be higher than those shown in Table 4.13-5 which were calculated at distances from the "main activity center". The Noise Memo provides that Sensitive Receptors in single family residences are 65 feet west of the Project site (Table 3). But, based on review of the MND's Figure 2-2 Local Vicinity Map, it is clear that the Project site directly abuts the residence at 2204 Iris Way, and may be as close as 20 feet from the construction zone on the Project site. Construction noise closer to the property line will result in significant noise impacts to nearby sensitive receptors, which will be more severe than analyzed in the MND. These significant impacts would require mitigation, such as sound walls and a construction noise plan. It is possible that some of these potentially significant impacts could not be mitigated below the level of significance, in which case an EIR must be provided.

3-36

Conclusions

The noise analysis for MND contains substantial omissions and errors. Correcting these issues would identify that Project would generate additional significant noise impacts and warrant an Environmental Impact Report (EIR) that includes mitigation measures to manage the anticipated impacts and full disclosure of any impacts that would remain significant.

3-37

Please feel free to contact me with any questions on this information.

Very truly yours,

WILSON IHRIG

Deborah Jue
Signer ID: IDIQFOL113...

Deborah A. Jue, INCE-USA
Principal

WILSON IHRIG
ACOUSTICS, NOISE & VIBRATION

DEBORAH JUE

Principal

Since joining Wilson Ihrig in 1990, Ms. Jue has been involved in with many projects from environmental assessments and entitlements, through design development, construction documents and construction administration support. As an acoustical consultant, she has provided noise measurement, analysis and recommendations to control noise and vibration both at the interior of the project and at the neighboring properties. She has authored many reports concerning compliance with the requirements of California Noise Insulation Standards, Title 24, local Noise Elements, environmental assessments and Federal noise criteria, and is well aware of the additional design and construction technique requirements to achieve industry standards. Ms. Jue has authored or provided input for many environmental documents and technical studies in accordance with NEPA and California's CEQA regulations, most of them related to surface transportation, and she gives presentations to public officials when necessary to explain construction noise problems, noise mitigation goals, and noise control methods. She can develop construction noise and vibration criteria to address vibration damage potential to nearby buildings and sensitive structures, and vibration annoyance or disruption potential for occupants of nearby buildings.

Education

- M.S. in Mechanical Engineering, University of California, Berkeley, 1998
- B.S. in General Engineering: Acoustics, Stanford University, 1988

Professional Associations (Member)

- American Society of Mechanical Engineers
- Acoustical Society of America
- National Council of Acoustical Consultants
- Institute of Noise Control Engineering
- WTS
- Transportation Research Board, AEP80 Standing Committee Member (2021-2024)

Research and Published Papers

- ACRP Report 175, ACRP 07-14, *Improving Intelligibility of Airport Terminal Public Address Systems*
- NCHRP 25-25, *Current Practices to Address Construction Vibration and Potential Effects to Historic Buildings Adjacent to Transportation Projects*
- *Transportation Research Record*, V. 2502, "Considerations to Establish Ground-Borne Noise Criteria to Define Mitigation for Noise-Sensitive Spaces"

Relevant Experience

- California High Speed Rail Caltrain Corridor EIR/EIS, San Francisco to San Jose
- UC Berkeley Northgate Hall A/V Renovations, Berkeley
- MacArthur Station, *long-term construction noise and vibration monitoring*, Oakland
- Safeway @ Claremont & College, *HVAC noise and construction noise monitoring*, Oakland
- ACTC I-80/Ashby, *interchange traffic noise analysis*, Berkeley and Emeryville
- ACTC I-680 Express Lanes, *traffic noise analysis*, Contra Costa County, CA
- Chase Arena, *construction noise and vibration monitoring*, San Francisco

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
Gabe Tiffany, Acting Director

December 2, 2024

VIA EMAIL

City of Monterey Park
Beth Chow, AICP, Planning Manager
320 West Newmark Avenue
Monterey Park, CA 91754
Email: bchow@montereypark.ca.gov

Dear Ms. Chow:

MITIGATED NEGATIVE DECLARATION (MND)
1977 SATURN DATA CENTER PROJECT
SCH: NO. 2024101397

The Department of Conservation's Geologic Energy Management Division (Division) has reviewed the above-referenced project for impacts with Division jurisdictional authority. The Division supervises the drilling, maintenance, and plugging and abandonment of oil, gas, and geothermal wells in California. The Division offers the following comments for your consideration. 4-1

The project area is in Los Angeles County and lies outside any designated oil field. However, based on the Division's online "Well Finder" application, an abandoned well, the "Monterey Park" 1 (API #03720192), is located within the footprint of the proposed new 1-story data center building. The Division's Construction Site Well Review Program should be contacted to review the status of this well. Division information can be found at: www.conservation.ca.gov. Individual well records are also available on the Division's web site, or by emailing CalGEMSouthern@conservation.ca.gov. 4-2

The scope and content of information that is germane to the Division's responsibility are contained in Section 3000 et seq. of the Public Resources Code, and administrative regulations under Title 14, Division 2, Chapters 2, 3 and 4 of the California Code of Regulations.

If any wells, including any plugged, abandoned or unrecorded wells, are damaged or uncovered during excavation or grading, remedial plugging operations may be required. If such damage or discovery occurs, the Division's district office must be contacted to obtain information on the requirements and approval to perform remedial operations. 4-3

The possibility for future problems from oil and gas wells that have been plugged and abandoned, or reabandoned, to the Division's current specifications are remote. However, the Division recommends that a diligent effort be made to avoid building over any plugged and abandoned well.

4-3 cont.

Questions regarding the Division's Construction Site Well Review Program can be addressed to the local Division's office in Long Beach by emailing CalGEMSouthern@conservation.ca.gov or by calling (562) 637-4400.

Sincerely,

Curtis M. Welty, PG
Associate Oil and Gas Engineer

cc: Governor's Office of Planning and Research, State Clearinghouse Unit
Email: state.clearinghouse@opr.ca.gov

Office of Legislative and Regulatory Affairs
Email: OLRA@conservation.ca.gov

Jan Perez, CalGEM CEQA Unit
Email: Jan.Perez@conservation.ca.gov

Environmental CEQA File

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL:
bchow@montereypark.ca.gov
Beth Chow, AICP, Planning Manager
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

December 3, 2024

Notice of Availability of a Draft Initial Study/Mitigated Negative Declaration for the 1977 Saturn Data Center Project (Proposed Project) (SCH No. 2024101397)

South Coast Air Quality Management District (South Coast AQMD) staff appreciate the opportunity to review the above-mentioned document. The City of Monterey Park is the California Environmental Quality Act (CEQA) Lead Agency for the Proposed Project. To provide context, South Coast AQMD staff has provided a brief summary of the project information and prepared the following comments which are organized by topic of concern. 5-1

Summary of Proposed Project Information in the MND

Based on the Draft Initial Study/Mitigated Negative Declaration (IS/MND), the Proposed Project consists of demolishing an existing site and constructing a new 218,400 square-foot data center with a new ancillary equipment yard, new electrical substation, parking, and landscaping. The ancillary equipment yard would be approximately 75,000 square feet and located adjacent to the data center's north side. The Proposed Project would include 14 new emergency diesel generators/engines to provide backup power in the event of an emergency. The Proposed Project would also include a new 24,000 square-foot electrical substation to provide electricity to the data center.[1] Based on a review of aerial photographs, South Coast AQMD staff found that the nearest sensitive receptor (e.g., residential development) is located 65 feet west of the Proposed Project.[2] Construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.[3] The site of the Proposed Project encompasses 15.8 acres and is located at 1977 Saturn Street.[4] 5-2

South Coast AQMD Comments

Recommend Revisions to the CEQA Regional and Localized Operational Air Quality Impacts Analysis 5-3

According to the Draft IS/MND, the Proposed Project includes 14 new emergency diesel engines, each with a capacity of four megawatts (MW) which is equivalent to approximately 5,364

[1] IS/MND, Page 11.
[2] *Ibid*, Page 46.
[3] *Ibid*, Page 21.
[4] *Ibid*, Page 11.

horsepower (hp), to be located on the north side of the site. The operational emissions, both regional and localized, have been evaluated and calculated using the California Emissions Estimator Model (CalEEMod), as detailed in Appendix A-1: *Air Quality Analysis Memorandum*. The Lead Agency concludes that the Proposed Project's operational emissions are less than the South Coast AQMD air quality significance thresholds for both regional and localized emissions.

However, the emissions calculations do not include operational emissions from the 14 new 5,364 hp emergency diesel engines, which would require air permits from South Coast AQMD. The omission of these operational emissions from the calculations is a major flaw in the analysis because the conclusion of less than significant air quality impacts is relying on underestimated emissions from all criteria pollutants. This is especially concerning considering the Proposed Project's proximity to residential neighborhoods. 5-3 cont.

To ensure a comprehensive analysis of the Proposed Project's regional and localized air quality impacts on the surrounding area, it is recommended that the Lead Agency:

- Include the calculated emissions from the 14 new 5,364 hp emergency diesel engines. Permits for emergency engines are typically limited to up to 50 hours per year for maintenance and testing and no more than 200 hours per year of total operation (this includes emergency use). Therefore, the CEQA document should calculate the emissions from the operation of all 14 emergency engines for 200 hours per year or if a lower number of hours of operation is used, South Coast AQMD staff would have to include a condition in the permit limiting the hours of operation to what was assumed in the CEQA document. Please also note that depending on the engine tier, the Proposed Project might trigger Title V requirements, as described later. 5-4
- Re-run CalEEMod to incorporate these emissions and reassess the total operational emissions.
- Utilize an appropriate air quality dispersion model, such as AERMOD, to evaluate localized air quality impacts to the 1-hour NOx federal and state ambient air quality standards (AAQS) from the operation of all 14 new 5,364 hp emergency diesel engines. Since the engines are not restricted to when they will be operated for maintenance and testing, the CEQA document should analyze the impacts from all 14 new 5,364 hp emergency diesel engines concurrently operating during a one-hour duration and compare the results to the AAQS. 5-5

These updated calculations, along with their associated impact analyses, should be discussed and included in a revised CEQA document to provide a transparent and complete assessment of the Proposed Project's air quality impacts. 5-6

Recommend Revisions to Greenhouse Gas Analysis

According to Section 4.8, *Greenhouse Gas Emissions*, the Draft IS/MND concluded a less than significant impact on greenhouse gases (GHG). However, Table 4.8-3 – *Operational Greenhouse Gas Emissions Opening Year* indicates that the total GHG emissions from the Proposed Project would be 85,309 MTCO2e per year, which significantly exceeds South Coast AQMD's air quality significance threshold for GHGs emissions of 10,000 MTCO2e per year. As such, the GHG emission impacts of the Proposed Project should be concluded as significant. If the Proposed 5-7

Project results in significant environmental impacts that cannot be mitigated to a "less than significant" level through feasible mitigation measures, a more comprehensive environmental review, such as an Environmental Impact Report (EIR), will be required. The EIR must also include an analysis of alternative project options that could potentially reduce the environmental impacts. The Lead Agency is recommended to address this issue and revise the CEQA document accordingly.

5-7 cont.

Health Risk Assessment (HRA) during Project Operation

Similarly, the Draft IS/MND for the Proposed Project does not include a comprehensive assessment of the health risks associated with operating 14 new 5,364 hp emergency diesel engines. This omission of a health risk analysis from the calculations is another major flaw in the analysis because the majority of toxic air contaminants (TACs) emissions, primarily as diesel particulate matter (DPM) which is an air toxic and a carcinogen, will be emitted by these 5,364 hp engines. Additionally, the site of the Proposed Project is adjacent to multiple residential neighborhoods, with the nearest sensitive receptor located within 65 feet north of the Proposed Project site. As a result, the potential cancer risk associated with these 14 new 5,364 hp emergency diesel engines from the Proposed Project remains unknown and undisclosed.[5]

Based on the project description for the 14 new 5,364 hp emergency diesel engines, South Coast AQMD staff conducted a preliminary evaluation to estimate the potential cancer risk (CR). Using the Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files for South Coast AQMD permit applications and CEQA analyses[6], the estimated CR from one new 5,364 hp emergency diesel engine could be as high as 134 in one million, which significantly exceeds the South Coast AQMD CR threshold of 10 in one million.[7]

5-8

This calculation is based on the following assumptions:

- The diesel generator is equipped with a U.S. EPA-certified Tier 2 non-road diesel engine.[8]
- Particulate matter (PM) emission rate of 0.15 grams per brake horsepower-hour (g/bhp-hr) for diesel engines rated at ≥560 kilowatts (kW).
- Emergency diesel engine capacity: 4-MW (equivalent to 5,364 hp)
- Operation: up to 200 hours per year.
- Distance to the nearest sensitive receptor: 65 feet.

When the CR is estimated for all 14 new 5,364 hp emergency diesel engines, the total CR will be 1,876 in one million, far exceeding South Coast AQMD's air quality significance threshold of 10 in one million for TAC impacts. This substantial cancer risk highlights the potential to create significant adverse impacts from the 14 new 5,364 hp emergency diesel engines to the surrounding community, with the nearest residential receptors bearing the largest burden of that exposure.

[5] South Coast AQMD's guidance for performing a mobile source health risk assessment is available at: https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis

[6] South Coast AQMD's Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files. https://www.aqmd.gov/assets/aermet/AERMET_files_And_HRA_Tool.html

[7] South Coast AQMD Air Quality Significance Thresholds. https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf

[8] EPA Emission Standards for Nonroad Engines and Vehicles. https://www.epa.gov/emission-standards-reference-guide/epa-emission-standards-nonroad-engines-and-vehicles

However, if the Proposed Project utilizes Tier 4 Final engines in lieu of Tier 2 engines, the PM emission rate would decrease by about an order of magnitude to 0.02 g/bhp-hr, reducing the total CR to approximately 17.9 per one million. Even if Tier 4 Final engines are utilized, the total CR would remain significant because it would exceed the South Coast AQMD CR threshold of 10 in one million, but the CR impacts would occur at a lesser extent than if Tier 2 engines are utilized. This demonstrates the importance of adopting advanced, cleaner engine technologies during the design phase to reduce air quality impacts and protect public health, especially those of the residents who are located 65 feet away.

Therefore, the Lead Agency is strongly recommended to conduct an operational phase HRA that evaluates the impact of the 14 new 5,364 hp emergency diesel engines. This assessment is critical for determining the potential cancer risks to offsite sensitive receptors and workers and for comparing these risks to South Coast AQMD's Air Quality Significance Thresholds for TACs. The analysis should also disclose the potential chronic health risks associated with the Proposed Project's operation for residents and workers outside the Proposed Project's boundary in the revised CEQA document.

5-8 cont.

Title V Permit Requirements

Title V is a federal program designed to standardize air quality permits and the permitting process for major sources of emissions across the country. Title V requirements are implemented by the South Coast AQMD through its Regulation XXX – Title V Permits.[11] Title V only applies to major sources, which the U.S. EPA defines as facilities that emit or have the potential to emit (PTE) any criteria pollutant or hazardous air pollutant (HAP) at levels equal to or greater than the Major Source Thresholds (MST) found in Table 2 of South Coast AQMD's Rule 3001 – *Applicability*. For the South Coast Air Basin, which is where the Proposed Project is located, the MST is 10 tons per year for NOx.[9]

The U.S. EPA nonroad Tier 2 diesel engine emission limit for NOx + (Non-Methane Hydrocarbon) NMHC is 4.8 g/bhp-hr. Typically, NMHC accounts for 5% of this total (0.24 g/bhp-hr), leaving NOx emissions at 4.56 g/bhp-hr. Assuming NOx emissions are 4.56 g/bhp-hr and each 5,364 hp emergency diesel engine would be permitted to operate up to 50 hours per year for maintenance and testing, the 14 new emergency engines would emit 19 tons of NOx per year, which exceeds the MST. Therefore, the Proposed Project/facility would require an initial Title V permit application and be subject to Title V as well as South Coast AQMD Rule 317.1 – Clean Air Act Nonattainment Fees for 8-Hour Ozone Standards .[13] As part of the Title V permitting requirements, the facility will be required to install equipment that meets the Lowest Achievable Emissions Rate (LAER) at the time the permit is issued, which is currently a Tier 4 Final engine.

5-9

Therefore, the Lead Agency is recommended to revise the CEQA document to include a discussion of the Title V applicability requirements or apply additional feasible mitigation measures to ensure that the NOx emissions remain less than the MST.

[9] South Coast AQMD. Rule 3001 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xxx/rule-3001-applicability.pdf

Use of South Coast AQMD's Mass Rate Localized Significance Threshold (LST) Look-Up Table to Analyze the Proposed Project's Localized Air Quality Impact is not Consistent with Guidance for the LST Methodology

Based on the Project Description in MND, the Proposed Project covers approximately 15.8 acres.[10] The Lead Agency uses South Coast AQMD's Mass Rate LST Look-up Table for five acres as a screening tool to determine if the Proposed Project's operational daily emissions of NOx, CO, PM10 and PM2.5 could result in a significant impact to local air quality.[11] However, South Coast AQMD staff developed the LST methodology specifically for proposed projects that are less than or equal to five acres.[12] For projects exceeding five acres in size or projects that fall into specific categories outlined in Table 3-2 of the LST methodology, the Lead Agency is recommended to conduct project-specific dispersion modeling to accurately assess localized air quality impacts. Since the Proposed Project site is larger than five acres in size, includes numerous large combustion sources, and may potentially be subject to Title V requirements, the LST lookup tables are not applicable. Therefore, the Lead Agency is recommended to: 1) perform project-specific air dispersion modeling for the Proposed Project's operational phase emissions to determine localized air quality impacts; and 2) include the results in the revised CEQA document. 5-10

South Coast AQMD Air Permits and Role as a Responsible Agency

Since implementation of the Proposed Project would require the use of new stationary sources, including but not limited to emergency generators, air permits from South Coast AQMD will be required. The revised CEQA document should include a discussion about the South Coast AQMD rules that may potentially apply to the Proposed Project. In addition to Regulation XXX and Rule 317.1, those rules may include, for example, Rule 201 – Permit to Construct,[13] Rule 203 – Permit to Operate,[14] Rule 401 – Visible Emissions,[15] Rule 402 – Nuisance,[16] Rule 403 – Fugitive Dust,[17] Rule 1110.2 – Emissions from Gaseous and Liquid Fueled Engines,[18] Rule 1166 – VOC Contaminated Soil Excavation,[19] Regulation XIII – New Source Review,[20] Rule 1401 – Air 5-11

[10] IS/MND. Page 54.
[11] *Ibid.* Page 55.
[12] South Coast AQMD. Final Localized Significance Threshold Methodology available at https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf
[13] South Coast AQMD. Rule 201 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-201.pdf
[14] South Coast AQMD. Rule 203 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-203.pdf
[15] South Coast AQMD. Rule 401 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-401.pdf
[16] South Coast AQMD. Rule 402 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf
[17] South Coast AQMD. Rule 403 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403
[18] South Coast AQMD. Rule 1110.2 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1110_2.pdf
[19] South Coast AQMD. Rule 1166 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1166.pdf
[20] South Coast AQMD. Regulation XIII available at https://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/regulation-xiii

Toxics,[21] Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants,[22] Rule 1470 – Requirements for Stationary Diesel Fueled Internal Combustion and Other Compression Ignition Engines,[23] Rule 1472 – Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines, and etc.[30] It is important to note that when air permits from South Coast AQMD are required, the role of South Coast AQMD would change from a Commenting Agency to a Responsible Agency under CEQA. In addition, if South Coast AQMD is a Responsible Agency, per CEQA Guidelines Section 15086, the Lead Agency is required to consult with South Coast AQMD.

5-11 cont.

CEQA Guidelines Section 15096 sets forth specific procedures for a Responsible Agency, including making a decision on the adequacy of the CEQA document for use as part of the process for conducting a review of the Proposed Project and issuing discretionary approvals. Moreover, it is important to note that if a Responsible Agency determines that a CEQA document is not adequate to rely upon for its discretionary approvals, the Responsible Agency must take further actions listed in CEQA Guideline Section 15096(e), which could have the effect of delaying the implementation of the Proposed Project. In its role as CEQA Responsible Agency, the South Coast AQMD is obligated to ensure that the CEQA document prepared for this Proposed Project contains a sufficient project description and analysis to be relied upon in order to issue any discretionary approvals that may be needed for air permits. South Coast AQMD staff is concerned that the project description and analysis in its current form in the MND is inadequate to be relied upon for this purpose.

5-12

For these reasons, the Final CEQA document should be revised to include a discussion about any and all new stationary and portable equipment requiring South Coast AQMD air permits, provide the evaluation of their air quality and greenhouse gas impacts, and identify South Coast AQMD as a Responsible Agency for the Proposed Project as this information will be relied upon as the basis for the permit conditions and emission limits for the air permit(s). Please contact South Coast AQMD's Engineering and Permitting staff at (909) 396-3385 for questions regarding what types of equipment would require air permits. For more general information on permits, please visit South Coast AQMD's webpage at https://www.aqmd.gov/home/permits.

5-13

Conclusion

Staff recommends that the Lead Agency revise the CEQA analysis to address the aforementioned comments by including emissions from the 14 new emergency engines and estimating the health risks to provide the necessary evidence to support the conclusions reached. If the requested information and analysis are not included in the Revised or Final MND or other type of CEQA document, the Lead Agency should provide reasons for not doing so. Pursuant to California Public Resources Code Section 21092.5(b) and CEQA Guidelines Section 15074, prior to approving the Proposed Project, the Lead Agency shall consider the MND for adoption together with any comments received during the public review process and notify each public agency when any

5-14

[21] South Coast AQMD. Rule 1401 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf

[22] South Coast AQMD. Rule 1466 available https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1466.pdf

[23] South Coast AQMD. Rule 1470 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1470.pdf

public hearings are scheduled. Please provide South Coast AQMD with written responses to all comments contained herein prior to the adoption of the Final MND. When responding to issues raised in the comments, detailed reasons supported by substantial evidence in the record to explain why specific comments and suggestions are not accepted must be provided. In addition, if the Lead Agency decides to adopt the Final MND, please provide South Coast AQMD with a notice of any scheduled public hearing(s). 5-14 cont.

Thank you for the opportunity to provide comments. South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact me at swang1@aqmd.gov or Sahar Ghadimi, Air Quality Specialist, at sghadimi@aqmd.gov should you have any questions. 5-15

Sincerely,

Sam Wang

Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation

BR: JW: SW:SG
ORC241106-01
Control Number

Appendix B

Supplemental Technical Analysis

Kimley»Horn

Kimley»Horn

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Heidi Rous and Sophia La Herran Kimley-Horn and Associates, Inc.
Date:	October 27, 2025
Subject:	1977 Saturn Data Center Project – Supplemental Technical Analysis

1.0 PURPOSE

The purpose of this Supplemental Technical Analysis is to supplement the administrative record for the Initial Study/Mitigated Negative Declaration (IS/MND) for the 1977 Saturn Data Center Project (Project) that was published on October 31, 2024 by the City of Monterey Park (City).

Based on requests from the City to enhance the design of the Project, and in response to comments on the IS/MND from agencies and the public, the Applicant updated certain elements of the Project design and adjusted certain operational characteristics to be responsive to the Lead Agency and public input. Accordingly, the analysis contained in this Supplemental Technical Analysis supersedes, where applicable, and supplements the analysis contained in the IS/MND. As demonstrated in this Supplemental Technical Analysis, the adjustments in the Project do not result in new significant impacts. In addition, it should be noted that the adjustments result mainly in a less intensive project in several instances, including, but not limited to, less energy demand, improved emissions control technology, less water consumption, and improved aesthetic value.

With respect to the technical modeling data included herein, this Supplemental Technical Analysis was prepared in accordance with the regulatory requirements of the South Coast Air Quality Management District (SCAQMD or South Coast AQMD) and guidance documents from the Office of Environmental Health Hazard Assessment (OEHHA) for analysis of air quality impacts and potential health risks. In addition, this Supplemental Technical Analysis supplements the IS/MND analysis regarding greenhouse gas (GHG) emissions, energy demand, and noise generation consistent with applicable CEQA requirements, applicable thresholds of significance, and applicable regulatory guidance. Overall, this supplemental information adds to the body of substantial evidence supporting the analysis and conclusions in the IS/MND.

Technical data is included as **Attachments A through F** below.

2.0 PROJECT DESIGN ADJUSTMENTS

In response to guidance from the Lead Agency, and comments received during the public review period for the IS/MND, the Applicant updated the architectural design of the Project and adjusted certain operational characteristics.

The adjustments to the Project, which are relevant to quantitative technical analysis, are included in **Table 1: Project Design Adjustments**.

Table 1: Project Design Adjustments

Project Design Adjustments		
Project Design	**Previous**	**Current**
Earthwork (cubic yards of import)[1]	-	196,275
Earthwork (cubic yards of export)	65,000	-
Energy (annual kWh/year)[2]	438,014,593	433,620,000
Water use (gallons/year)[3]	12,056,315	10,978,835
Building (square feet)[4]	218,400	247,480
Facility Power Demand (MW)[5]	49.9	49.5
Number of Generators[6]	14	24
Generator Capacity (MW)	4.0	2.75

1. Increased import to support new building design.
2. Reduced energy load for smaller data halls.
3. Reduced water usage due to efficient technology, closed-loop system, and improved landscaped plan.
4. Increased square footage to accommodate new design. Approximately 13,264 square feet of new design is architectural features and unoccupied.
5. Reduced power demand for smaller data halls.
6. Improved generator technology to Tier 4 equipment; reduced size, and increased number, of emergency generators per market availability and South Coast AQMD certified generator list.

2.1 Emergency Generator Operating Assumptions for Technical Analysis

Table 2: Emergency Generator Operating Assumptions provides the generator operating assumptions for the following analyses included in this document. This modeling is provided in response to certain public comments on the IS/MND and demonstrates that emission levels from the emergency generators remain less than significant.

Table 2: Emergency Generator Operating Assumptions

Analysis Scenario	Number of Generators	Generator Rating (MW)	Hours of Operation
Criteria Pollutants, regional[1]	N/A	2.75	13/day

Analysis Scenario	Number of Generators	Generator Rating (MW)	Hours of Operation
Criteria Pollutants, localized[1]			
1-hour	1+		1/day
8-hour	2+		8/day
24-hour	4-24		13/day
Potential to Emit (PTE)[2]	24	2.75	50/year
Greenhouse Gas Emissions[1]			
Health Risk (Toxic Air Contaminants Emissions)[3]			
NO_X National Ambient Air Quality Standard (NAAQS) Analysis[4]	24		200/year

1. Assumes hours of maintenance and testing limited to no more than 13 hours per day from all generators. South Coast AQMD permits typically limit each generator to no more than 4.2 hours per calendar month. Routine testing must be performed during the day so that the operator can view the exhaust.
2. South Coast AQMD Rule 1470 (c)(2)(C)(i) limits engine operation for maintenance and testing to 50 hours per year. Also pursuant to South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
3. The analysis assumes up to 50 hours per year of generator use for testing and maintenance, which reflects applicable regulatory limits and industry practice.
4. In accordance with U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*. The hours of operations assumption for NO_z NAAQS analysis only.

Per industry standard and applicable modeling protocol, the Project appropriately applied different operational assumptions for different types of emissions analyses, consistent with applicable guidance. For CEQA purposes, the Project's criteria pollutant emissions were conservatively estimated assuming no more than 13 hours per day of non-emergency testing and maintenance across all generators, which reflects reasonable Standard Operating Procedure (SOP) for the Project. While South Coast AQMD's and CARB's regulatory framework limits annual testing and maintenance to 50 hours per generator, the CEQA analysis applied the more conservative daily cap of 13 hours per day across all units to ensure that potential localized and cumulative criteria pollutant impacts were fully disclosed, and to appropriately compare impacts to South Coast AQMD CEQA criteria pollutant thresholds, which are based on maximum daily emissions rather than annual permitted emissions.

For the purpose of determining the Project's Potential To Emit (PTE), emissions were calculated assuming 50 hours per year per generator, which reflects the legally enforceable non-emergency testing and maintenance limit under the CARB Airborne Toxic Control Measure (ATCM) for Stationary Diesel Engines (California Code of Regulations, Title 17, §93115) and South Coast AQMD Rule 1470 (c)(2)(C)(i). For comparison with CEQA thresholds, emissions of Toxic Air Contaminants (TAC), such as diesel particulate matter (DPM), were calculated assuming 50 hours of annual operation for testing and maintenance per generator, which reflects the California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) for Stationary

Diesel Engines (California Code of Regulations, Title 17, §93115) and South Coast AQMD Rule 1470 parameters; and applicable OEHHA guidance.

By contrast, for the 1-hour NO_2 NAAQS analysis, emissions were modeled assuming up to 200 hours of annual operation per generator. This approach follows U.S. EPA and South Coast AQMD guidance, including the 1995 EPA *Seitz Memorandum* and U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*. Localized impacts were modeled in accordance with **Table 2: Emergency Generator Operating Assumptions**, depending on the averaging period of each pollutant studied.

2.2 Potential to Emit

To support the data center's maximum load demand of 49.5 MW the Project would install approximately 24 back-up generators, each at 2.75 MW and certified to meet U.S. EPA Tier 4 emission standards. The maximum facility power demand could be met with 18 generators. An additional 6 generators will be installed to provide redundancy, if needed, for maintenance periods or equipment failure. For the purposes of this memorandum, however, the analysis assumes all 24 generators operating at full rated load, even though testing and maintenance are typically performed at partial loads (80 to 90 percent load). This approach provides a highly conservative basis for evaluating potential emissions.

Table 3: Project Potential to Emit lists the potential to emit (PTE) assuming 18 plus 6 redundant engines certified to U.S. EPA Tier 4 emissions standards operating at 50 hours per year, as required by South Coast AQMD Rule 1470 (c)(2)(C)(i), which limits engine operation for maintenance and testing to 50 hours per year. As shown in **Table 3**, the Project PTE would not exceed, and is well below, Title V thresholds.

Table 3: Project Potential to Emit

Scenario	Criteria Pollutant Emissions (tons per year)							
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$	HAPs	Single HAP
50 hours per year per generator								
Project PTE [1,2]	0.68	2.44	4.90	0.03	0.11	0.11	<0.10	<0.10
Title V Threshold	100	100	100	100	100	100	25	10
Exceed Title V Threshold?	***No***	***No***	***No***	***No***	***No***	***No***	***No***	***No***

1. PTE assumed the installation of 18 plus 6 redundant Tier 4 2.75 MW generators operating at 50 hours per year, and South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
2. The generators would include a selective catalytic reduction (SCR) system, using catalyst and reductant (injected urea) to reduce the level of air pollutants.

Refer to **Attachment A: Potential to Emit Calculations** for model outputs.

3.0 AIR QUALITY AND GREENHOUSE GAS ANALYSIS

3.1 Methodology

As discussed above, in response to public comments and guidance from the City, the Applicant improved the Project design and modified certain operational characteristics. Accordingly, this Supplemental Technical Analysis has updated CalEEMod modeling to analyze the project adjustments, and included certain elements as requested by commenting agencies. **Table 4: CalEEMod Input Changes** presents a comparison between the CalEEMod inputs used in the IS/MND and the updated inputs applied in this analysis.

Table 4: CalEEMod Input Changes

CalEEMod Input Changes		
Inputs	**Previous**	**Current**
Earthwork (cubic yards of import)	-	196,275
Earthwork (cubic yards of export)	65,000	-
Energy (annual kWh/year)	438,014,593	433,620,000
Water use (gallons/year)	12,056,315	10,978,835
Building (square feet)	218,400	247,480

3.2 Air Quality Construction Emissions

As noted above, the Project design has advanced, and CalEEMod was updated to incorporate the refined Project square footages and grading quantities to ensure that construction-related emissions estimates reflect the revised design. **Table 5: Project Construction Emissions** summarizes the construction emissions attributable to the Project. As shown in **Table 5**, construction criteria pollutant emissions would remain below the applicable thresholds, and construction impacts on short-term regional air quality would remain less than significant, as identified in the IS/MND.

Table 5: Project Construction Emissions

Calendar Year	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
2025	5.76	97.33	68.64	0.33	20.30	8.86
2026	3.70	74.33	54.92	0.31	15.44	5.58
2027	39.45	7.74	15.87	0.02	2.16	0.66
2027 (Off-Site Improvements)	3.88	26.73	27.05	0.10	0.99	0.91
SCAQMD Threshold	75	100	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the CalEEMod version 2022.1, as recommended by the South Coast AQMD. Worst-case seasonal maximum daily emissions are reported.

Calendar Year	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.						

3.3 Air Quality Operational Emissions

As noted above, CalEEMod was updated to incorporate the refined Project design, and respond to certain public comments. The Project would include approximately 18 plus 6 redundant Tier 4 generators, rated at 2.75 MW each, to provide emergency power if needed. The analysis assumes up to 50 hours per year of generator use for testing and maintenance consistent with applicable regulatory limits and industry practice. **Table 6: Project Operational Emissions** summarizes the operational emissions attributable to the Project.

Table 6: Project Operational Emissions

Source	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
Area	8.44	0.10	11.80	<0.01	0.02	0.02
Energy[2]	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.18	0.16	1.88	<0.01	0.46	0.12
Emergency Generators[3]	14.80	52.85	105.69	0.58	2.33	2.33
Total	**23.42**	**53.11**	**119.38**	**0.58**	**2.78**	**2.44**
SCAQMD Threshold	55	55	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.22, as recommended by South Coast Air Quality Management District (SCAQMD). Worst-case seasonal maximum daily emissions are reported.
2. Criteria pollutant emissions from energy sources are calculated in CalEEMod from only natural gas use. The Project would not use natural gas.
3. Calculations were performed in spreadsheet calculations. The modeling assumed no more than13 hours of testing and maintenance run time in any one day for all generators.

Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.

As noted above, the Project will implement a SOP that limits testing and maintenance across all 18 plus 6 redundant generators to no more than 13 hours per day. Testing and maintenance activities generally include regularly scheduled start-ups, and run-time checks to ensure the generators remain in proper working condition. These activities typically involve operating each generator under load for a short period of time (e.g., 30–60 minutes) on a monthly or quarterly basis, inspecting fuel, oil, and cooling systems, and verifying that emissions controls are functioning as designed. These procedures are carried out under controlled conditions. As shown in **Table 6**, the Project's regional operational emissions would not exceed applicable South Coast AQMD thresholds, and operational impacts on long-term regional air quality would remain less than significant, as identified in the IS/MND.

3.4 Greenhouse Gas Construction Emissions

Table 7: Construction Greenhouse Gas Emissions summarizes the annual GHG emissions generated by construction of the Project. GHG emissions related to construction were quantified and disclosed in this report, and the IS/MND for informational purposes only, because the Lead Agency exercised its discretion to determine GHG impact conclusions based on compliance with the City's Climate Action Plan (CAP). The CAP is a qualified local GHG reduction plan under CEQA, which can be used to determine the significance of GHG emissions from a Project.

Table 7: Construction Greenhouse Gas Emissions

Year	$MTCO_2e$ per year
Construction (2025)	1,050
Construction (2026)	515
Construction (2027)	258
Total	1,823
Amortized Over 30 Years	61
Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.	

3.5 Greenhouse Gas Operational Emissions

Table 8: Operational Greenhouse Gas Emissions summarizes the annual GHG emissions generated by operations of the Project reflecting the updated design. The Project during peak load conditions would have a demand of 49.5 MW, which will under normal conditions be supplied by SCE. However, as discussed above, diesel fuel will be combusted on site to perform monthly testing and maintenance. Consistent with CEQA and South Coast AQMD's requirement to evaluate reasonably foreseeable operating conditions, the analysis assumes up to 50 hours per year of generator use for testing and maintenance. GHG emissions associated with the proposed emergency generators are summarized in **Table 8: Operational Greenhouse Gas Emissions**.

Table 8: Operational Greenhouse Gas Emissions

Emissions Source	$MTCO_2e$ per Year[1]
Amortized Construction Emissions	61
Area Source	6
Emergency Generators [1,2]	1,616
Mobile	80
Waste	78
Water and Wastewater	12

Emissions Source	MTCO$_2$e per Year[1]
Refrigeration	0.1
Energy[3]	75,181
Total Emissions[4]	77,034

1. Emergency backup generator emissions calculated assuming 50 hours per year per generator (18 plus 6 redundant generators).
2. Annual GHG emissions were reduced compared to the previous design because the Project generators changed from twelve 4 MW units without selective catalytic reduction (SCR) to 18 plus 6 redundant 2.75 MW Tier 4 units equipped with SCR. Although the total number of units increased, the smaller generator size and the incorporation of improved emissions controls resulted in lower overall annual GHG emissions.
3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. The Project does not include natural gas heaters or water heaters.
4. Represents a conservative estimate of maximum potential emissions. No quantitative credit for existing land use or regulatory compliance reductions that could occur over time. GHG emissions reduced from initial design in IS/MND..

Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.

4.0 DISPERSION MODELING METHODOLOGY

4.1 Input Data

As recommended by the South Coast AQMD, the Supplemental Technical Analysis utilizes an appropriate air quality dispersion model (i.e. AERMOD) to evaluate localized air quality impacts to the 1-hour NO_X federal and State ambient air quality standards (AAQS) from the operation of the emergency generators.

The air dispersion modeling for the operational risk assessment was performed using U.S. EPA AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. The modeling and analysis were prepared in accordance with the South Coast AQMD Modeling Guidance for AERMOD.[1]

1. **Meteorological Data** – AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, atmospheric stability, and mixing height. The latest 5-year meteorological data set for the Pico Rivera Monitoring Station was obtained from the South Coast AQMD. Surface and upper air meteorological data from this station was selected as being the most representative for meteorology based on proximity to the Project site, as well as terrain, surrounding land uses, and surface characteristics.

[1] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/modeling-guidance. Accessed October 8, 2025.

2. **Source Data** – The Project includes enclosed emergency generators to provide emergency power, if needed. The generators are located adjacent to the northern wall of the building. There would be 18 plus 6 redundant Tier 4 emergency diesel engines. See **Figure 1** for more detail. Each gen-set is currently designed to have a unique 24-inch diameter, vertical exhaust stack that will be routed to the roof of the building. The emissions from each generator were modeled as a single point source.

   Health Risk Analysis: For the purpose of modeling long-term health risk impacts, this analysis assumed each of the 18 plus 6 redundant Tier 4 emergency diesel engines would operate for 50 hours per year, refer to **Table 2**. The average annual emission rates for each point source were derived from manufacturer-provided engine specifications and calculated following South Coast AQMD guidance. All 18 plus 6 redundant engines were modeled as individual point sources. Refer to **Appendix C** for detailed calculations.

   Localized Impact Analysis: For the purposes of the operational localized impact analysis, emission rates were developed to reflect the averaging times of the applicable AAQS. For the 1-hour NO_X and CO standards and the 8-hour CO standard, the analysis assumed that three engines could operate concurrently at peak hourly emission rates for up to 13 hours per day, consistent with the Project's SOP. Accordingly, three point sources were modeled to represent this operational scenario. For the 24-hour PM10 and PM2.5 standards, the analysis assumed all 18 plus 6 redundant engines could operate concurrently at peak hourly emission rates for up to 13 hours per day, also consistent with the SOP. In this case, 24 point sources were modeled to evaluate localized particulate matter impacts. Refer to **Attachment D: LST and NAAQS Modeling Data** for detailed calculations.

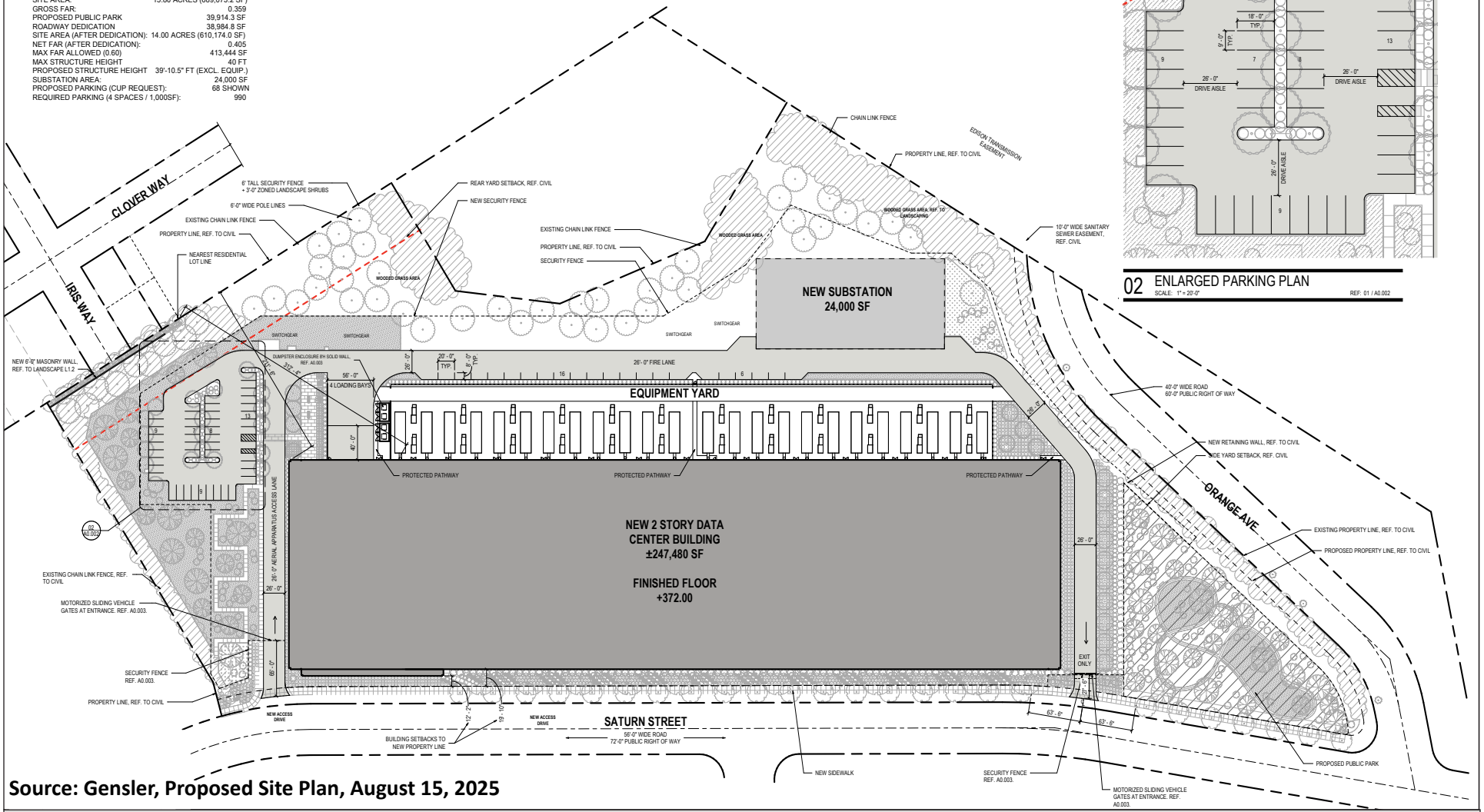
   NAAQS Analysis: For the purposes of modeling long-term impacts, this analysis assumed each of the 18 plus 6 redundant engines would run for 200 hours per year. For this scenario, all 18 plus 6 redundant engines were modeled as individual point sources. Refer to **Attachment D: LST and NAAQS Modeling Data** for detailed calculations.

3. **Receptor Locations** – A plant boundary cartesian grid was used to define the receptor network at the property fence-line and beyond the facility boundary. Due to the size of the project site, receptors were modeled with a maximum of 40-meter grid spacing. The receiver grid extended 1,000 feet in every direction from the project site boundary. All receptor locations are represented in the Universal Transverse Mercator (UTM) projections, Zone 11, North American Datum 1983.

4. **Terrain Elevations** – As recommended by the South Coast AQMD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.

METRICS:

STORIES:	2
TOTAL BUILDING AREA:	247,480 SF
WHITE FLOOR AREA:	108,400 SF
DATA HALLS:	6
DATA HALL AREA:	18,866 SF
TOTAL POWER:	49.5 MW
CRITICAL POWER	33 MW
POWER DENSITY:	304.42 WATTS PER SF
POWER DENSITY PER DATA HALL:	5.5 MW
CAB COUNT: (HAC)	2,064 RACKS
KW PER CAB:	16 KW
GENERATORS (2.75MW):	24 (4:3)
TOTAL COOLING LOAD	10,460 TONS
TOTAL CHILLERS (525 TONS EACH):	24 (4:3)
SITE AREA:	15.80 ACRES (689,073.2 SF)
GROSS FAR:	0.359
PROPOSED PUBLIC PARK	39,914.3 SF
ROADWAY DEDICATION	38,984.8 SF
SITE AREA (AFTER DEDICATION):	14.00 ACRES (610,174.0 SF)
NET FAR (AFTER DEDICATION):	0.405
MAX FAR ALLOWED (0.60)	413,444 SF
MAX STRUCTURE HEIGHT	40 FT
PROPOSED STRUCTURE HEIGHT	39'-10.5" FT (EXCL. EQUIP.)
SUBSTATION AREA:	24,000 SF
PROPOSED PARKING (CUP REQUEST):	68 SHOWN
REQUIRED PARKING (4 SPACES / 1,000SF):	990



02 ENLARGED PARKING PLAN
SCALE: 1" = 20'-0" REF: 01 / A0.002

Source: Gensler, Proposed Site Plan, August 15, 2025

FIGURE 1: ADJUSTED SITE PLAN

1977 Saturn Data Center Project

NOT TO SCALE

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5. **Building Downwash** – The potential effect for building downwash was evaluated via the "Good Engineering Practice (GEP)" stack height analysis and was based on the scaled site plan developed for the site (see **Figure 1**). The proposed building was digitized using the site plan (sheet A2.0) with a height of 12 meters (42 feet including building parapet). The building profile input program (BPIP) was incorporated into AERMOD, to account for potential downwash effects.

5.0 HEALTH RISK ANALYSIS

5.1 Carcinogenic Risk

As requested by the South Coast AQMD, this Supplemental Technical Analysis conducted an operational Health Risk Assessment (HRA) that evaluates the potential impact of the emergency generators together with other project operations. This information supplements the IS/MND's analysis of the potential cancer risks and compares these risks to the South Coast AQMD air quality significance thresholds for TACs. It should also be noted that, although South Coast AQMD's Rule 1401 generally requires a health risk assessment (HRA) for new or modified toxic air contaminant sources, the rule includes an exemption for emergency standby internal combustion engines. Specifically, Rule 1401(k)(3)(C) provides that emergency engines meeting CARB certification requirements and limited to less than 50 hours per year of non-emergency use are presumed to comply with the Rule's cancer risk and hazard index limits. Nonetheless, the City as the Lead Agency has supplemented the IS/MND will additional HRA analysis. The Project is anticipated to utilize 18 (plus 6 for redundancy) Cummins Inc. QSK78 engines, which are certified to meet U.S. EPA Tier 4 Final emission standards. The generators selected for this Project are currently listed on the South Coast AQMD Certified ICE-Emergency Generators List (as of *May 23, 2025*). Emergency generator emission rates were calculated using the manufacturers' specifications (e.g., brake-horsepower, fuel consumption, exhaust parameters). See **Attachment C: Health Risk Data** for more details.

Table 9: Carcinogenic Risk Assessment shows the health risk for the following scenarios: construction, operation, and combined construction and operation of the Project. Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester. The analysis conservatively calculates risk based on exposure to construction concentrations during the 2 years of the exposure duration and overlapping operational concentrations for the entire exposure duration of 30 years.

The pollutant concentrations modeled in AERMOD represent the exposure levels outdoors. The analysis conservatively does not include indoor exposure adjustments for residents. However, the typical person spends the majority of time indoors rather than remaining outdoors in the same location for 24 hours a day.[2] Therefore, the AERMOD outdoor pollutant concentrations are not necessarily representative of actual exposures and tend to overestimate exposure. The

[2] U.S. Environmental Protection Agency, Exposure Factors Handbook: 2011 Edition EPA/600/R-090/052F, September 2011.

nearest residential receptors would be located approximately 330 feet east from exhaust stacks on the generators. The risk calculations are based on the pollutant concentration at the worst-case location and conservatively assume: no cleaner technology or lower emissions in future years, and 95th percentile breathing rates. **Table 9** shows the cancer risk associated with construction and operation of the Project would be below the applicable significance threshold for all receptors.

Table 9: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential Receptors	3.41	10	No
Worker Receptor	0.16	10	No
Operations			
Residential Receptors	5.67	10	No
Worker Receptor	1.90	10	No
Combined Construction + Operation			
Residential Receptors	6.35	10	No
Worker Receptor	2.06	10	No
1. The reported cancer risk is at the closest maximally exposed individual receptor (MEIR) to the Project site.			
Source: Refer to **Attachment C: Health Risk Data**.			

As shown in **Table 9**, the construction risk at residential and worker receptors would be 3.41 in one million and 0.16 in one million, respectively. Additionally, the operational cancer risk at residential and worker receptors would be 5.67 and 1.90 in one million, respectively. Further, the combined construction and operational cancer risk[3] at residential and worker receptors would be 6.35 and 2.06 in one million, respectively. As such, the maximum construction, operational, and combined construction and operational cancer risk would not exceed South Coast AQMD's 10 in one million threshold.

5.2 Non-Carcinogenic Hazard

In response to South Coast AQMD's recommendation, this Supplemental Technical Analysis includes an evaluation of potential TAC exposure during both construction and operation of the Project. Consistent with South Coast AQMD Rule 1401 and CEQA guidance, the applicable significance threshold for chronic non-cancer risk is a hazard index (HI) greater than 1.0. Chronic non-cancer impacts are calculated by dividing the annual average concentration by the Reference Exposure Level (REL) for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated and is designed to protect sensitive

[3] Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester. As such, the combined construction and operations scenario includes the recommended residential exposure during of 30 years in sequential order.

individuals within the population. According to OEHHA, the chronic REL DPM is 5, with the target organ being the respiratory system.[4]

Chronic non-carcinogenic impacts are shown in **Table 10: Chronic Hazard Assessment**. A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. It should be noted that there is no acute REL for DPM and acute health risk cannot be calculated. The highest maximum chronic hazard index associated with DPM emissions from Project construction would be 0.004 and 0.003 at the residential and worker receptors, respectively. Additionally, the highest maximum chronic hazard index associated with DPM emissions from Project operations would be 0.002 at the residential receptors and 0.001 at the worker receptors. Therefore, construction and operational non-carcinogenic hazards would not exceed the applicable South Coast AQMD threshold of 1.0.

Table 10: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m^3)[1]	Chronic Hazard
Construction		
Residential Receptors	0.021	0.004
Worker Receptors	0.016	0.003
Operation		
Residential Receptors	0.009	0.002
Worker Receptors	0.006	0.001
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**
1. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).		
Source: Refer to **Attachment C: Health Risk Data**.		

6.0 AAQS ANALYSIS

6.1 Background of Air Quality Standards

For the purposes of establishing background concentrations of criteria pollutants, this analysis relied on South Coast AQMD monitoring data, which were collected during the years 2021, 2022, and 2023 at CARB/South Coast AQMD monitoring stations. Background values were selected from the monitoring station with the closest proximity to the Project site, the Pico Rivera Monitoring Station.

[4] California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. Accessed October 8, 2025.

6.2 Localized Significance Analysis

Construction

As requested by South Coast AQMD, and to reflect the updated design requested by the Lead Agency, CalEEMod was updated to incorporate construction and operation emissions and ensure that impacts remained less than significant as set forth in the IS/MND. **Table 11: Localized Significance of Construction Emissions**, shows the results of localized emissions during construction activity. This table represents the worst-case scenario and are based on peak earthwork volumes anticipated. As shown in **Table 11,** localized Project construction emissions would not exceed South Coast AQMD thresholds and impacts would remain less than significant, as identified in the IS/MND.

Table 11: Localized Significance of Construction Emissions

Source/Activity	Emissions (pounds per day)[1]			
	NO_X	CO	PM10	PM2.5
Construction Emissions				
Phase 1 - Demolition (2025)	22.2	19.9	3.9	1.3
Phase 1 – Site Preparation (2025)	31.6	30.2	6.5	3.9
Phase 1 – Grading (2025)	16.3	17.9	2.6	1.6
Phase 1 – Grading (2026)	14.9	17.4	2.5	1.5
Phase 1 – Building Construction and Utilities (2026)	9.8	13.0	0.4	0.4
Phase 1 Paving (2026)	7.1	9.9	0.3	0.2
Phase 2 – Interior Construction (2026)	5.3	6.8	0.2	0.2
Phase 2 – Interior Construction (2027)	5.0	6.8	0.2	0.2
Phase 2 – Architectural coating (2027)	0.8	1.1	<0.1	<0.1
Maximum Daily Emissions	*31.6*	*30.2*	*6.5*	*3.9*
SCAQMD Localized Screening Threshold (2.5 acres of disturbance at 25 meters)	131	1,162	8	6
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

1. Maximum emissions may not add up exactly due rounding in the modeling calculations. Detailed emissions calculations are provided in **Attachment D: LST and NAAQS Modeling Data**.
2. South Coast AQMD Rule 403 Fugitive Dust applied for construction emissions. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; water all haul roads three times daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the South Coast AQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment.

Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data**.

Operations

This analysis presents the results of the localized dispersion modeling conducted for the Project. The Project's IS/MND used South Coast AQMD's *Mass Rate Localized Significance Threshold (LST) Look-Up Table* to analyze LST impacts. Table 4.3-9 of the IS/MND shows that the Project's

operational emissions would not exceed applicable South Coast AQMD lookup-table LSTs for a five-acre site. Because the emissions generated by the Project are less than those permitted for a smaller site, it is reasonable to assume that the Project would not generate significant localized air quality impacts even though the Project site is 15.8 acres. However, in the interest of even more precise analysis, and to respond to a request by South Coast AQMD, this analysis has been prepared to supplement the LST results based on project-specific dispersion modeling.

The Project's localized operational pollutant concentrations are shown in **Table 12: Localized Operational Emissions**. **Table 12** shows the maximum pollutant concentrations in the Project area from peak day operational activity. These concentrations are the maximum levels and all other modeled locations in the study area would experience lower concentrations (i.e., less of an impact). As shown in **Table 12**, the worst-case unmitigated conditions are well below the applicable thresholds and would not exceed the South Coast AQMD's ambient air quality standards.

Table 12: Localized Operational Emissions

Pollutant	Averaging Time	Maximum Modeled Concentration	Background Concentration (µg/m³) [1]	Total Ground Level Concentration (µg/m³)	Threshold (µg/m³) [2]	Threshold Exceeded?
NO_2 [3]	1-hour	61.34	101.05	162.39	339	No
CO	1-hour	216.24	2,176.66	2,392.89	23,000	No
	8-hour	89.13	1,718.41	1,807.54	10,000	No
PM_{10} [4]	24-hour	0.45	--	0.45	2.5	No
$PM_{2.5}$ [4]	24-hour	0.44	--	0.44	2.5	No

1. Background concentrations are from the Pico-Rivera Monitoring Station (4144 San Gabriel River Pkwy. Pico Rivera, CA 90660, AQS# 060371602).
2. Ambient air quality thresholds are from South Coast AQMD Rule 1303 and Rule 403. All thresholds are shown in micrograms per cubic meter (µg/m³) for comparison to modeled concentrations.
3. NO_2 concentrations were calculated per Tier 2 ARM2 ratios in U.S. EPA's 40 CFR Part 51 Appendix W, § 4.2.3.4. Conversion of NO_X to NO_2 use U.S. EPA minimum and maximum default values NO_2/NO_X of 0.5 and 0.9, respectively.
4. The thresholds for PM10 and PM2.5 are incremental thresholds; therefore, the incremental concentration without background is compared to the threshold.

Source: Refer to **Attachment D: LST and NAAQS Modeling Data.**

6.3 AAQS Modeling Analysis

South Coast AQMD Rule 1303 is part of the District's New Source Review (NSR) permitting program and establishes allowable emissions screening thresholds for new or modified stationary sources of air pollution. For smaller combustion sources (less than or equal to 40 million BTU per hour), the rule provides screening thresholds for NO_X, CO, and PM10. South Coast AQMD does not require modeling for VOC and SO_X. These thresholds are used to determine whether a project's emissions are low enough to be considered insignificant, or if more detailed analysis and potential mitigation are required. As shown in **Table 13**, the Project would not exceed the allowable screening thresholds for CO and PM10 and therefore no further

analysis is required for these pollutants. However, Project emissions would exceed the allowable screening threshold for NO_X, and thus additional analysis is provided herein.

Table 13: Allowable Emissions for Combustion Sources less than or equal to 40 Million BTUs per hour

Scenario	NO_x	CO	PM10
Facility- Wide Emissions (lb/hr)	4.07	8.13	0.18
Screening Threshold (lb/hr)[1]	*1.31*	*72.1*	*7.9*
Exceed Threshold?	**Yes**	**No**	**No**

1. The proposed engines have a heat input capacity of 36.86 million BTUs per hour; therefore, values listed for units greater than 30 but less than 40 million BTUs per hour on Table A-1 from Rule 1303 were utilized.

Source: South Coast AQMD, Rule 1303, https://www.aqmd.gov/docs/default-source/rule-book/reg-xiii/rule-1303-requirements.pdf. Accessed October 8, 2025.
Refer to **Attachment D: LST and NAAQS Modeling Data**.

As requested by South Coast AQMD, dispersion modeling was performed using the South Coast AQMD-preferred model, AERMOD, including building downwash considerations. Emissions were calculated using project-specific emission data and factors described above. The maximum off-site concentrations of NO_2 from Project operations were added to the appropriate historical background concentrations and compared to the applicable AAQS. Consistent with South Coast AQMD Rule 1303(b)(1) and the South Coast AQMD CEQA Air Quality Handbook, if an AAQS is not exceeded, the project is judged to not cause or contribute substantively to an AAQS violation for that pollutant. If a source's maximum impacts are below the applicable significant impact thresholds, the project is judged to not cause or contribute significantly to an AAQS violation or cause an increment violation. As shown in **Table 14: Maximum Off-Site Concentrations from Operations**, maximum emissions from the Project are well below the applicable thresholds and will not cause, or contribute to, a violation of an applicable NO_2 NAAQS or CAAQS.

Table 14: Maximum Off-Site Concentrations from Operations

Pollutant	Averaging Time	Maximum Modeled Concentration ($\mu g/m^3$)	Background Concentration[1] ($\mu g/m^3$)	Total Ground Level Concentration ($\mu g/m^3$)	SCAQMD Threshold ($\mu g/m^3$)[2]	Threshold Exceeded?[3]
NO_2[4]	1-hour	18.40	101.05	119.45	339 (state)	No
	1-hour[5]	15.55	121.38	136.93	188 (federal)	No
	Annual	2.60	31.99	34.59	57 (state)	No
	Annual	2.60	31.99	34.59	100 (federal)	No

1. Background concentrations are from the Pico Rivera Monitoring Station is located at 4144 San Gabriel River Parkway, Los Angeles. https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year.
2. All thresholds are shown in micrograms per cubic meter ($\mu g/m^3$) for comparison to modeled concentrations.
3. Exceedances of the thresholds are indicated in bold.
4. NO_2 concentrations were calculated per Tier 1 conversion in U.S. EPA's 40 CFR Part 51 Appendix W, Section 4.2.3.4.
5. This comparison is to the federal NAAQS, which is a 98th percentile threshold. The background concentration is the average of the 8th highest daily maximum 1-hour concentration.

Source: Refer to **Attachment D: LST and NAAQS Modeling Data**

7.0 ENERGY ANALYSIS

The analysis below was performed to supplement the IS/MND and reflect adjustments in the design of the Project, as requested by the Lead Agency. Quantifications of construction energy are provided for the adjusted Project below; see **Table 15: Energy Use During Construction**.

Table 15: Energy Use During Construction

Source	Project Construction Usage	Los Angeles County Annual Energy Consumption	Percentage of Countywide Consumption
Electricity Use		**GWh**	
Water Consumption[1]	0.08	68,485	<0.001%
Diesel Use		**Gallons**	
On-Road Construction Trips[2]	35,122	4,129,527,647	0.001%
Off-Road Construction Equipment[3,4]	107,751		0.003%
Construction Diesel Total	142,873		0.004%
Gasoline		**Gallons**	
On-Road Construction Trips[2]	15,211	4,129,744,580	<0.001%

1. Construction water use based on acres disturbed per day per construction sequencing and estimated water use per acre. Water use includes the energy required to convey water to and from the Project Site.
2. On-road mobile source fuel use based on vehicle miles traveled (VMT) from CalEEMod and fleet-average fuel consumption in gallons per mile from EMFAC2021 in Los Angeles County.
3. Off-road mobile source fuel usage based on a fuel usage rate of 0.05 gallons of diesel per horsepower (hp)-hour from USEPA.

Source: Refer to the energy calculations in **Attachment E: Energy Calculations**.

As noted above, the Project design has advanced, and the energy use and diesel use associated with the back-up generators was recalculated to account for the smaller 18 plus 6 redundant Tier 4 generators. Annual Energy use during Project operation is shown in **Table 16: Annual Energy Consumption During Operations**.

Table 16: Annual Energy Consumption During Operations

Source	Project Operational Usage	Los Angeles County Annual Energy Consumption	Percentage Increase Countywide
Electricity Use		**GWh**	
Building Energy[1]	433.62	68,485	0.633%
Water Conveyance	0.06		<0.001%
Diesel Use		**Gallons/Year**	
Emergency Generators[3]	226,800	535,939,687	0.042%

1. Electricity and natural gas usage are based on Project-specific estimates and CalEEMod defaults. The Project during peak load conditions would have a demand of 49.5 MW. The analysis assumes 24/7 operations (8,760 hours per year).
2. The Project is not anticipated to use natural gas.
3. Assumed 18 plus 6 redundant emergency generators each used up to 50 hours per year for testing and maintenance with a 189 gallon per hour fuel flow.

Source: Refer to the energy calculations in **Attachment E: Energy Calculations**.

8.0 NOISE ASSESSMENT

8.1 Methodology

As discussed above, in response to public comments and guidance from the City, the Applicant improved the Project design and modified certain operational characteristics. Accordingly, this Supplemental Technical Analysis has updated noise modeling to analyze the Project adjustments, and included certain elements as requested by commenting agencies. The analysis and conclusions in this Supplemental Technical Analysis for potential noise impacts supplements, and where applicable supersedes, the analysis provided in Section 4.13 of the IS/MND and related Appendix J: Noise and Vibration Analysis Memorandum.

8.2 Operational Noise Analysis

Mechanical Equipment

The noise sources associated with the Project include the operation of the following mechanical equipment: chillers, rooftop mechanical equipment (rooftop units, or RTUs), emergency generators, and substation transformers. A description of this equipment and associated reference noise levels is provided below:

- Chillers: located on the rooftop in the central portion of the data center building. This equipment operates to provide cooling for the servers and related electronic equipment in the building. The rooftop chillers were modeled as point sources in SoundPLAN using sound emission spectrum data from the equipment manufacturer and would be surrounded by a 16-foot-high absorptive noise barrier; see **Attachment F: Noise Data** for modeling information.

- Rooftop Mechanical Equipment (RTUs): RTUs are located on the northern portion of the data center building rooftop and provide support in cooling the data center building. The RTUs were modeled as point sources in SoundPLAN using sound emission spectrum data from the equipment manufacturer; see **Attachment F** for modeling information.

- Emergency Generators: This equipment would be on standby to provide emergency backup power for data center operation in the event of a power failure. Individual generators will also be tested for short durations throughout the year to ensure proper operation, if needed. A total of 24 generators would be located at ground level on the northern façade of the data center building. A total of three (3) emergency generators were modeled as point sources in SoundPLAN to represent periodic testing at various locations throughout the generator yard. Each generator would be equipped with a sound-rated all-weather enclosure capable of achieving an outdoor sound level of 65.3 dBA at 7 meters. It should be noted that the Monterey Park Municipal Code (MPMC) Section 4.50.050 states that emergency generators used during a power outage or other emergency are exempt from the City's noise ordinance; therefore, noise levels

associated with the operation of all 24 generators running simultaneously are excluded from the SoundPLAN modeling. The noise from periodic generator testing, however, was included in modeling to provide a conservative noise analysis. See **Attachment F** for more modeling information.

- Substation Transformers: the Project would include a new substation located in the northeastern portion of the site. Based on site plans, the substation could include up to four 66 kV power transformers that would each generate noise levels up to approximately 75 dBA at one meter.[5] The transformers were modeled as point sources in the central portion of the proposed substation area. See **Attachment F** for more modeling information

SoundPLAN Modeling Results

To evaluate the propagation of sound each of the stationary noise sources discussed above were modeled in SoundPLAN to determine the mechanical equipment sound levels associated with the refined Project. SoundPLAN allows computer simulations of noise situations, and creates noise contour maps using reference noise levels, topography, point and area noise sources, mobile noise sources, and intervening walls and structures. Utilizing the reference noise level data described above, as well as the proposed building locations/heights and acoustically relevant buildings in the surrounding area, SoundPLAN was used to calculate composite noise levels (i.e., the combined noise levels from all mechanical equipment) at the nearest sensitive receptors surrounding the Project Site. The modeled noise levels are provided in **Table 17: Mechanical Equipment Noise Levels**, and the modeled noise contours are provided in **Attachment F**.

Table 17: Mechanical Equipment Noise Levels

Receptor No.[1]	Land Use	Highest Modeled Noise Level (dBA L_{50})	Daytime Noise Standard (dBA L_{50})[2]	Exceeds Standard?	Nighttime Noise Standard (dBA L_{50})[2]	Exceeds Standard?
1	Residential (northeast)	52.0	61	No	56	No
12	Residential (west)	48.6	56	No	54	No

1. **See Attachment F** for modeled receptor locations. The nearest residential receptors with the highest modeled noise levels are provided for reporting purposes. All other residential receptors would experience lower noise levels than those shown.
2. The measured ambient noise levels exceed the MPMC noise standards. Therefore, the measured ambient noise level becomes the noise standard in accordance with MPMC Section 4.50.080(a). See the noise measurement data and established noise standards from the *Exterior Noise and Exterior Façade Acoustical Analysis* (Veneklasen Associates, 2024), and *1977 Saturn Data Center Project Noise and Vibration Analysis* (Kimley-Horn, September 3, 2024).

Source: See **Attachment F** for complete noise modeling data and results.

[5] National Electrical Manufactures Association, *Transformers, Regulators, and Reactors TR 1-2013*, 2019.

As indicated in **Table 17**, Project-generated noise levels at the nearest residential receptors would reach up to 52.0 dBA and 48.6 dBA, respectively, and would not exceed the City's established noise standards. Similarly, the level of noise generated by the Project is less than the ambient levels of noise in the existing environmental based on the daytime and nighttime noise measurements taken at locations around the Project Site and the modeled composite operational noise levels associated with the Project. It should also be noted that the MPMC does not contain a noise measurement methodology, or quantitative decibel-based criteria, that determines a level of significance for noise level increases. Nonetheless, the increase in the level of noise that will result from the Project would not exceed the City's noise level standards. In addition, noise from the Project would not result in substantial noise increases and is expected to be barely perceptible and negligible based on industry standard noise characteristics and acoustical factors. The Project would not generate 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. Therefore, operational noise impacts would remain less than significant, as identified in the IS/MND.

Kimley»Horn

Attachment A: Potential to Emit Calculations

Building Base Elevation	369	ft	
Generator Base Elevation	369	ft	
Stack Height	47	ft	5 ft above building parapet
Gas Exit Temp	902	F	
Stack Inside Diameter	0.61	m	
Gas Exit Velocity	20233	CFM	

Equipment Information			
# Engines	Engine Model	Engine Tier	KW
24	Cummins Inc. QSK78	Tier IV	2750

Emissions from Generators

Equipment Information			
# Engines	Engine Model	Engine Tier	KW
24	QSK78	Tier IV	2750

Emission Factor (Controlled)								
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$	HAPs	Single HAP
g/hp-hr	0.140	0.500	1.000	0.006	0.022	0.022	1.72E-03	8.95E-04
g/kw-hr	0.188	0.671	1.341	0.007	0.030	0.030	2.31E-03	1.20E-03
lb/kw-hr	0.00041	0.00148	0.00296	0.00002	0.00007	0.00007	5.09E-06	2.65E-06
lb/hr	1.13821	4.06505	8.13010	0.04472	0.17886	0.17886	1.40E-02	7.28E-03

Emissions factors for tier 4 engines : https://dieselnet.com/standards/us/nonroad.php

Operation Schedule for PTE Calculation		
Total Hours/year	Number of Engines	Total KW-hrs
50	24	3,300,000
	Total	3,300,000

Criteria Pollutant Emission Calculations								
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$	HAPs	Single HAP
Annual Testing (50 Hours) Emissions Per Unit (lbs/yr)	56.911	203.253	406.505	2.236	8.943	8.943	0.699	0.364
Annual Testing (50 hours) Emissions Facility-Wide (lbs/yr	1365.857	4878.062	9756.124	53.659	214.635	214.635	0.336	0.175
Facility Wide PTE (tpy)	0.683	2.439	4.878	0.027	0.107	0.107	1.68E-04	8.73E-05
Title V Threshold	10	10	10	10	10	10	25	10
Exceed Thredhold?	No	No	No	No	No	No	No	No

Emissions from Generators (Based on worst peak demand)

Equipment Information		
# Engines	Engine Tier	KW
24	Tier IV	2750

Emission Factor (Controlled)						
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
g/hp-hr	0.140	0.500	1.000	0.006	0.022	0.022
g/kw-hr	0.188	0.671	1.341	0.007	0.030	0.030
lb/kw-hr	0.00041	0.00148	0.00296	0.00002	0.00007	0.00007
lb/hr	1.13821	4.06505	8.13010	0.04472	0.17886	0.17886

Emissions factors for tier 4 engines : https://dieselnet.com/standards/us/nonroad.php

Operation Schedule for PTE Calculation		
Permitted Hours Per Month Per Generator	Number of Engines	Allowable Testing hours per day
4.2	24	13

* SCAQMD will limit maintenance to no more than 4.2 hours per month

Criteria Pollutant Emission Calculations						
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Testing Emissions 13 hours total per day	14.80	52.85	105.69	0.58	2.33	2.33
Operational Emissions (Other Source CalEEMod)	8.6	0.3	13.6	0.0	0.5	0.1
Total Project Daily Emissions	23.42	53.11	119.30	0.58	2.79	2.46
SCAQMD Threshold	55	55	550	150	150	55
Exceed Thredhold?	No	No	No	No	No	No

Kimley»Horn

Attachment B: AQ and GHG Modeling Data

Saturn Data Center Project - Construction Only Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Construction Only
Construction Start Date	9/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	247	1000sqft	5.68	247,480	113,291	0.00	—	—
Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—

General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy to substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	39.7	39.4	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.12	5.76	97.3	68.6	0.33	2.58	17.7	20.3	2.41	6.45	8.86	—	47,326	47,326	2.46	6.35	2.43	49,220
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.45	7.35	13.0	11.5	0.04	0.35	2.27	2.62	0.32	0.70	1.03	—	6,095	6,095	0.32	0.78	5.04	6,341
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.36	1.34	2.37	2.10	0.01	0.06	0.41	0.48	0.06	0.13	0.19	—	1,009	1,009	0.05	0.13	0.83	1,050

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.23	2.52	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
2026	1.74	1.43	11.7	19.3	0.03	0.40	1.52	1.91	0.36	0.37	0.73	—	4,962	4,962	0.20	0.26	7.73	5,051
2027	39.7	39.4	7.74	15.9	0.02	0.19	1.97	2.17	0.18	0.48	0.66	—	4,057	4,057	0.17	0.25	8.58	4,146
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	9.12	5.76	97.3	68.6	0.33	2.58	17.7	20.3	2.41	6.45	8.86	—	47,326	47,326	2.46	6.14	2.37	49,220
2026	6.45	3.69	74.3	54.9	0.32	1.54	13.9	15.4	1.44	4.14	5.58	—	45,999	45,999	2.44	6.35	2.43	47,955
2027	1.16	0.95	6.93	11.9	0.02	0.18	1.52	1.69	0.16	0.37	0.53	—	3,402	3,402	0.11	0.24	0.19	3,476
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.24	0.80	13.0	9.11	0.04	0.35	2.27	2.62	0.32	0.70	1.03	—	6,095	6,095	0.32	0.78	5.04	6,341
2026	1.09	0.89	7.22	11.5	0.02	0.24	1.02	1.26	0.21	0.25	0.46	—	3,054	3,054	0.13	0.18	2.28	3,113
2027	7.45	7.35	3.05	5.56	0.01	0.08	0.70	0.78	0.07	0.17	0.24	—	1,523	1,523	0.05	0.10	1.39	1,555
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.23	0.15	2.37	1.66	0.01	0.06	0.41	0.48	0.06	0.13	0.19	—	1,009	1,009	0.05	0.13	0.83	1,050
2026	0.20	0.16	1.32	2.10	< 0.005	0.04	0.19	0.23	0.04	0.05	0.08	—	506	506	0.02	0.03	0.38	515
2027	1.36	1.34	0.56	1.01	< 0.005	0.01	0.13	0.14	0.01	0.03	0.04	—	252	252	0.01	0.02	0.23	258

3. Construction Emissions Details

3.1. Phase 1 Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demoliti on	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demoliti on	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.34	0.29	2.68	2.40	< 0.005	0.11	—	0.11	0.10	—	0.10	—	413	413	0.02	< 0.005	—	414
Demoliti on	—	—	—	—	—	—	0.35	0.35	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.06	0.05	0.49	0.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	68.4	68.4	< 0.005	< 0.005	—	68.6
Demoliti on	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.76	210
Vendor	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	0.00
Hauling	0.30	0.06	4.77	1.85	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,886	3,886	0.21	0.61	9.02	4,082
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	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	0.00
Hauling	0.30	0.06	4.96	1.87	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,887	3,887	0.21	0.61	0.23	4,075
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.0	24.0	< 0.005	< 0.005	0.04	24.4
Vendor	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	0.00
Hauling	0.04	0.01	0.60	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	469	469	0.03	0.07	0.47	492
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.98	3.98	< 0.005	< 0.005	0.01	4.04
Vendor	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	0.00
Hauling	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.6	77.6	< 0.005	0.01	0.08	81.4

3.3. Phase 1 Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.08	1.98	< 0.005	0.09	—	0.09	0.08	—	0.08	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.34	0.34	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.38	0.36	< 0.005	0.02	—	0.02	0.02	—	0.02	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	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	0.00
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	0.03	15.5
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.57
Vendor	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	0.00
Hauling	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	0.00

3.5. Phase 1 Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.85	1.85	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.20	1.88	2.07	< 0.005	0.08	—	0.08	0.08	—	0.08	—	342	342	0.01	< 0.005	—	343
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.34	0.38	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.6	56.6	< 0.005	< 0.005	—	56.8
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	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	0.00
Hauling	2.95	0.57	49.3	18.6	0.26	0.49	10.3	10.8	0.49	2.83	3.32	—	38,645	38,645	2.10	6.06	2.32	40,506
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	23.0	23.0	< 0.005	< 0.005	0.04	23.3
Vendor	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	0.00
Hauling	0.34	0.07	5.75	2.14	0.03	0.06	1.18	1.24	0.06	0.32	0.38	—	4,461	4,461	0.24	0.70	4.47	4,680
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.81	3.81	< 0.005	< 0.005	0.01	3.86
Vendor	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	0.00
Hauling	0.06	0.01	1.05	0.39	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	739	739	0.04	0.12	0.74	775

3.7. Phase 1 Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	1.65	15.0	17.4	0.03	0.65	—	0.65	0.59	—	0.59	—	2,960	2,960	0.12	0.02	—	2,970

Dust From Material Movement	—	—	—	—	—	—	1.85	1.85	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.79	5.79	< 0.005	< 0.005	—	5.81
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.96	0.96	< 0.005	< 0.005	—	0.96
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.07	0.83	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	0.01	0.01	0.02	195

Vendor	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	0.00
Hauling	2.69	0.57	47.5	18.1	0.26	0.49	10.3	10.8	0.49	2.83	3.32	—	37,946	37,946	2.10	6.06	2.21	39,806
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.39
Vendor	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	0.00
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.2	74.2	< 0.005	0.01	0.07	77.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	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	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9

3.9. Phase 1 Building Construction and Utilities (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405

Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.45	4.10	5.40	0.01	0.16	—	0.16	0.15	—	0.15	—	998	998	0.04	0.01	—	1,002
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03	—	165	165	0.01	< 0.005	—	166
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.34	5.61	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,177	1,177	0.05	0.04	3.98	1,194
Vendor	0.10	0.04	1.53	0.74	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,387	1,387	0.06	0.20	3.75	1,451
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.38	4.79	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,116	1,116	0.05	0.04	0.10	1,129
Vendor	0.10	0.04	1.60	0.76	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,388	1,388	0.06	0.20	0.10	1,448
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.17	2.09	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	472	472	0.02	0.02	0.72	478
Vendor	0.04	0.02	0.67	0.31	< 0.005	0.01	0.16	0.17	< 0.005	0.04	0.05	—	578	578	0.02	0.08	0.67	604

Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	78.1	78.1	< 0.005	< 0.005	0.12	79.1
Vendor	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	95.7	95.7	< 0.005	0.01	0.11	99.9
Hauling	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	0.00

3.11. Phase 2 Interior Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.26	1.62	< 0.005	0.05	—	0.05	0.04	—	0.04	—	226	226	0.01	< 0.005	—	227

Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.4	37.4	< 0.005	< 0.005	—	37.5
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.34	5.61	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,177	1,177	0.05	0.04	3.98	1,194
Vendor	0.10	0.04	1.53	0.74	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,387	1,387	0.06	0.20	3.75	1,451
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.38	4.79	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,116	1,116	0.05	0.04	0.10	1,129
Vendor	0.10	0.04	1.60	0.76	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,388	1,388	0.06	0.20	0.10	1,448
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.20	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	270	270	0.01	0.01	0.41	274
Vendor	0.02	0.01	0.38	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	331	331	0.01	0.05	0.39	346
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.8	44.8	< 0.005	< 0.005	0.07	45.4
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	54.8	54.8	< 0.005	0.01	0.06	57.3
Hauling	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	0.00

3.13. Phase 2 Interior Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.09	2.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	393	393	0.02	< 0.005	—	394
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.38	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	65.0	65.0	< 0.005	< 0.005	—	65.2

Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35	0.31	0.30	5.22	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,154	1,154	0.05	0.04	3.60	1,172
Vendor	0.09	0.04	1.46	0.70	0.01	0.01	0.38	0.39	0.01	0.11	0.12	—	1,360	1,360	0.06	0.19	3.55	1,421
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35	0.30	0.37	4.42	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,095	1,095	0.02	0.04	0.09	1,107
Vendor	0.09	0.04	1.52	0.71	0.01	0.01	0.38	0.39	0.01	0.11	0.12	—	1,361	1,361	0.06	0.19	0.09	1,419
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.16	1.93	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	461	461	0.01	0.02	0.64	467
Vendor	0.04	0.02	0.64	0.29	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.05	—	565	565	0.02	0.08	0.64	589
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.3	76.3	< 0.005	< 0.005	0.11	77.3
Vendor	0.01	< 0.005	0.12	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	93.5	93.5	< 0.005	0.01	0.11	97.5
Hauling	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	0.00

3.15. Phase 1 Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.08	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.57	< 0.005	0.02	—	0.02	0.02	—	0.02	—	86.9	86.9	< 0.005	< 0.005	—	87.2
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.97	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	0.01	0.01	0.69	206

Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	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	0.00
Hauling	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	0.00

3.17. Phase 2 Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	38.3	38.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	—	24.2
Architectural Coatings	6.92	6.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Architectural Coatings	1.26	1.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	0.12	2.09	0.00	0.00	0.45	0.45	0.00	0.11	0.11	—	462	462	0.02	0.02	1.44	469
Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	80.3	80.3	< 0.005	< 0.005	0.11	81.4
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.02	13.5
Vendor	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	0.00
Hauling	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1 Demolition	Demolition	9/1/2025	10/30/2025	5.00	44.0	—
Phase 1 Site Preparation	Site Preparation	10/31/2025	12/3/2025	5.00	24.0	—
Phase 1 Grading	Grading	11/3/2025	1/1/2026	5.00	44.0	—
Phase 1 Building Construction and Utilities	Building Construction	1/1/2026	8/1/2026	5.00	152	—

Phase 2 Interior Construction	Building Construction	9/1/2026	7/31/2027	5.00	239	—
Phase 1 Paving	Paving	8/2/2026	8/31/2026	5.00	21.0	—
Phase 2 Architectural Coating	Architectural Coating	6/1/2027	8/31/2027	5.00	66.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Phase 1 Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Phase 1 Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Phase 1 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Phase 1 Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Phase 1 Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 1 Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Phase 1 Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Phase 1 Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 1 Building Construction and Utilities	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Phase 1 Building Construction and Utilities	Cranes	Diesel	Average	1.00	7.00	367	0.29
Phase 1 Building Construction and Utilities	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20

Phase 1 Building Construction and Utilities	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 1 Building Construction and Utilities	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 2 Interior Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 2 Interior Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Phase 1 Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Phase 1 Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Phase 1 Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Phase 2 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 Demolition	—	—	—	—
Phase 1 Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Demolition	Vendor	—	10.2	HHDT,MHDT
Phase 1 Demolition	Hauling	56.1	20.0	HHDT
Phase 1 Demolition	Onsite truck	—	—	HHDT
Phase 1 Site Preparation	—	—	—	—
Phase 1 Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Phase 1 Site Preparation	Vendor	—	10.2	HHDT,MHDT

Phase 1 Site Preparation	Hauling	0.00	20.0	HHDT
Phase 1 Site Preparation	Onsite truck	—	—	HHDT
Phase 1 Building Construction and Utilities	—	—	—	—
Phase 1 Building Construction and Utilities	Worker	86.9	18.5	LDA,LDT1,LDT2
Phase 1 Building Construction and Utilities	Vendor	44.5	10.2	HHDT,MHDT
Phase 1 Building Construction and Utilities	Hauling	0.00	20.0	HHDT
Phase 1 Building Construction and Utilities	Onsite truck	—	—	HHDT
Phase 2 Interior Construction	—	—	—	—
Phase 2 Interior Construction	Worker	86.9	18.5	LDA,LDT1,LDT2
Phase 2 Interior Construction	Vendor	44.5	10.2	HHDT,MHDT
Phase 2 Interior Construction	Hauling	0.00	20.0	HHDT
Phase 2 Interior Construction	Onsite truck	—	—	HHDT
Phase 1 Paving	—	—	—	—
Phase 1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Paving	Vendor	—	10.2	HHDT,MHDT
Phase 1 Paving	Hauling	0.00	20.0	HHDT
Phase 1 Paving	Onsite truck	—	—	HHDT
Phase 1 Grading	—	—	—	—
Phase 1 Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Grading	Vendor	—	10.2	HHDT,MHDT
Phase 1 Grading	Hauling	558	20.0	HHDT
Phase 1 Grading	Onsite truck	—	—	HHDT
Phase 2 Architectural Coating	—	—	—	—
Phase 2 Architectural Coating	Worker	34.7	18.5	LDA,LDT1,LDT2
Phase 2 Architectural Coating	Vendor	—	10.2	HHDT,MHDT

Phase 2 Architectural Coating	Hauling	0.00	20.0	HHDT
Phase 2 Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 2 Architectural Coating	0.00	0.00	407,220	135,740	1,600

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 1 Demolition	0.00	0.00	0.00	9,871	—
Phase 1 Site Preparation	0.00	0.00	36.0	0.00	—
Phase 1 Grading	196,275	—	20.0	0.00	—
Phase 1 Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Parking Lot	0.61	100%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2
Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—
Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941

Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Square footage according to project description.
Construction: Construction Phases	Changes according to client's project construction schedule
Construction: Off-Road Equipment	anticipated construction equipment based on assumptions

Saturn Data Center Project - Operations Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	247	1000sqft	5.68	247,480	113,291	0.00	—	—
Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—

General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.81	8.63	0.26	13.7	0.01	0.02	0.45	0.48	0.02	0.12	0.13	153	376,607	376,760	54.6	4.82	2.17	379,564
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.71	6.68	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	153	376,538	376,691	54.6	4.82	0.70	379,494
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.14	8.01	0.24	9.84	0.01	0.02	0.45	0.47	0.01	0.11	0.13	153	376,577	376,730	54.6	4.82	1.31	379,533
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	1.46	0.04	1.80	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	25.3	62,347	62,372	9.04	0.80	0.22	62,836

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Area	8.60	8.44	0.10	11.8	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.6	48.6	< 0.005	< 0.005	—	48.7
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	376,015	376,015	39.3	4.76	—	378,415
Water	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Waste	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	8.81	8.63	0.26	13.7	0.01	0.02	0.45	0.48	0.02	0.12	0.13	153	376,607	376,760	54.6	4.82	2.17	379,564
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Area	6.50	6.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	376,015	376,015	39.3	4.76	—	378,415
Water	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Waste	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	6.71	6.68	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	153	376,538	376,691	54.6	4.82	0.70	379,494
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.76	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	476	476	0.02	0.02	0.65	483
Area	7.94	7.83	0.07	8.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	33.3	33.3	< 0.005	< 0.005	—	33.4
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	376,015	376,015	39.3	4.76	—	378,415
Water	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Waste	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	8.14	8.01	0.24	9.84	0.01	0.02	0.45	0.47	0.01	0.11	0.13	153	376,577	376,730	54.6	4.82	1.31	379,533
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Area	1.45	1.43	0.01	1.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.51	5.51	< 0.005	< 0.005	—	5.53
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	62,254	62,254	6.50	0.79	—	62,651
Water	—	—	—	—	—	—	—	—	—	—	—	2.79	8.75	11.5	0.29	0.01	—	20.8
Waste	—	—	—	—	—	—	—	—	—	—	—	22.5	0.00	22.5	2.25	0.00	—	78.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11
Total	1.49	1.46	0.04	1.80	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	25.3	62,347	62,372	9.04	0.80	0.22	62,836

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Parking Lot	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	0.00
Total	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477

Parking Lot	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	0.00
Total	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Parking Lot	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	0.00
Total	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	62,254	62,254	6.50	0.79	—	62,651
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	62,254	62,254	6.50	0.79	—	62,651

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	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
Parking Lot	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
Total	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	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
Parking Lot	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
Total	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	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
Parking Lot	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
Total	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

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	5.81	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.10	1.94	0.10	11.8	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.6	48.6	< 0.005	< 0.005	—	48.7
Total	8.60	8.44	0.10	11.8	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.6	48.6	< 0.005	< 0.005	—	48.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	5.81	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	6.50	6.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.06	1.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.26	0.24	0.01	1.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.51	5.51	< 0.005	< 0.005	—	5.53
Total	1.45	1.43	0.01	1.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.51	5.51	< 0.005	< 0.005	—	5.53

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.79	8.75	11.5	0.29	0.01	—	20.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.79	8.75	11.5	0.29	0.01	—	20.8

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	22.5	0.00	22.5	2.25	0.00	—	78.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	22.5	0.00	22.5	2.25	0.00	—	78.8

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	407,220	135,740	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	434,320,800	316	0.0330	0.0040	0.00
Parking Lot	0.00	316	0.0330	0.0040	0.00
General Office Building	0.00	316	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	7,744,570	218,065
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	230	—
Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2
Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00

Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—
Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286

Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0

Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.
Characteristics: Utility Information	Per RPS CO2 intensity

Kimley»Horn

Attachment C: Health Risk Data

CONSTRUCTION

			Days	Vendor	Hauling	Vendor	Hauling						Construction Duration (day
	2025												
Demo	9/1/2025	10/30/2025	44	0	56	0	2464	Phase I					
Site Prep	10/31/2025	12/3/2025	24	0	0	0	0	2025	2026	2027	Total	# Mons	
Grading	11/3/2025	12/31/2025	43	0	557	0	23951	88	261	173	522	23	1.9166667
	2026												
Grading	1/1/2026	1/1/2025	1	0	557	0	557						
Building Phase I	1/1/2026	8/1/2026	152	40	0	6080	0						
Paving	8/2/2026	8/31/2026	21	0	0	0	0						
Building Phase II	9/1/2026	12/31/2026	88	40	0	3520	0						
	2027												
Building Phase II	1/1/2027	7/31/2027	151	40	0	6040	0						
Arch Coating	6/1/2027	8/31/2027	66	0	0	0	0						

On-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	2.02E-02
2025	Site Prep	1.64E-02
2025	Grading	3.90E-02
	Total 2025	7.55E-02
2026	Grading	6.60E-04
2026	Building Phase I	2.88E-02
2026	Paving	3.36E-03
2026	Building Phase II	8.48E-03
	Total 2026	4.13E-02
2027	Building Phase II	1.26E-02
2027	Arch Coating	6.29E-04
	Total 2027	1.32E-02

Off-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	1.09E-03
2025	Site Prep	0.00E+00
2025	Grading	2.26E-01
	Total 2025	2.27E-01
2026	Grading	3.66E-03
2026	Building Phase I	1.36E-03
2026	Paving	0.00E+00
2026	Building Phase II	7.79E-04
	Total 2026	5.80E-03
2027	Building Phase II	6.76E-04
2027	Arch Coating	0.00E+00
	Total 2027	6.76E-04

Construction

Group: ONSITE PM10 Exhaust Onsite

Year	Unmitigated Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
2025	7.55E-02	2.70E-02	7.58E-03	1
2026	4.13E-02	4.98E-03		
2027	1.32E-02	1.59E-03		

Group: OFFSITE

	Trips		Miles		Weighted
Year	Vendor	Hauling	Vendor	Hauling	Trip length
2025	0	26415	10.2	20	20.00
2026	9600	0	10.2	20	10.20
2027	6040	0	10.2	20	10.20

PM2.5 Exhaust Off-Site

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2025	0.2273	8.14E-02	4.07E-03	7.23E-04
2026	5.80E-03	6.99E-04	6.86E-05	
2027	6.76E-04	8.16E-05	8.00E-06	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
Saturn Street	40	1197	0.74	7.23E-04	5.38E-04

OPERATIONS
Group: Generator

Generators	# of Generators	Emission factor (tons/yr)	Emission factor (g/sec)	AERMOD Unitized Rate (g/s)
50 hours/year	24	1.646694	1.97E-03	0.0417

Risk Summary

Residential Exposure

Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Residences North	396951.15 397238.26	3767226.98 3767331.08	396951.15, 3767226.98	294	0.020609899	3.407E-06	3.406999844	1.00E-05	LTS

Operations (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Operational Risk	Risk Per Million	Threhold	
Residences North	397238.26	3767371.08	397238.26, 3767371.08	432	0.009377259	5.66706E-06	5.667063028	1.00E-05	LTS

Worker Exposure

Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Worker West	397131.15	3767046.98	397131.15, 3767046.98	184	0.015601617	1.62214E-07	0.162214073	1.00E-05	LTS

Operations (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Operational Risk	Risk Per Million	Threhold	
Worker West	396958.26	3767091.08	396958.26, 3767091.08	251	0.006137891	1.90073E-06	1.900732916	1.00E-05	LTS
On-Site Park	397360.82	3767189.11	397360.82, 3767189.11	572	0.003445309	1.06692E-06	1.066915674	1.00E-05	LTS

Table XX: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1, 2]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential	3.41	10	No
Worker	0.16	10	No
Operations			
Residential	5.67	10	No
Worker	1.90	10	No
Combined Construction + Operations			
Unmitigated Residential	6.35	10	No
Unmitigated Worker	2.06	10	No

Table XX: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m³)[1, 2]	Chronic Hazard [1]
Construction		
Residential	0.0206	0.0041
Worker	0.0156	0.0031
Operations		
Residential	0.0094	0.0019
Worker	0.0061	0.0012
SCAQMD Threshold	*N/A*	*1*
Threshold Exceeded?	N/A	No

[1] Refer to Appendix A. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.

[2] The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

REL (DPM): 5

Hazard Index = Ci/RELi

Risk Parameters

Phase I Construction/Operations Only (Start 3rd Tri)

Age	BR/BW	ASF	FAH	Constructi ED	Operations ED
3rd Tri	361	10	0.85	0.25	0.25
0<2	1090	10	0.85	0.750	2.000
2<9	631	3	0.72	1	7
9<16	572	3	0.72	0	7
16<30	261	1	0.73	0	13.75
*Breathing rates are 95th percentile for 3rd to 2 and 80th percentile				2	30

CONSTRUCTION RISK (UNMITIGATED)

CONSTRUCTION RISK (UNMITIGATED)

Unmitigated	
Onsite	Offsite
7.58E-03	5.38E-04

					Concentration (AVERAGE CO		Concentration (AVERAGE CONC) [ug/m^3]			Residential Dose					Risk by Age Group					
									Unmitigated											
	Discrete Re	X	Y	X, Y	Onsite	Offsite	Onsite	Offsite	Total	3rd Tri	0<2	2<9	9<16	16<30	3rd Tri	0<2	2<9	9<16	16<30	Total Risk
1	UCART1	396456.2	3766686.98	396456.15, 3766686.98	0.05501	0.08924	4.17E-04	4.80E-05	4.65E-04	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.7E-08
2	UCART1	396501.2	3766686.98	396501.15, 3766686.98	0.06037	0.10603	4.57E-04	5.70E-05	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
3	UCART1	396546.2	3766686.98	396546.15, 3766686.98	0.06619	0.12777	5.01E-04	6.87E-05	5.70E-04	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	7.8E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
4	UCART1	396591.2	3766686.98	396591.15, 3766686.98	0.07245	0.15627	5.49E-04	8.40E-05	6.33E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	7.8E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
5	UCART1	396636.2	3766686.98	396636.15, 3766686.98	0.07906	0.19416	5.99E-04	1.04E-04	7.03E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
6	UCART1	396681.2	3766686.98	396681.15, 3766686.98	0.08587	0.24505	6.51E-04	1.32E-04	7.82E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
7	UCART1	396726.2	3766686.98	396726.15, 3766686.98	0.09276	0.31541	7.03E-04	1.70E-04	8.72E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
8	UCART1	396771.2	3766686.98	396771.15, 3766686.98	0.09928	0.41222	7.52E-04	2.22E-04	9.74E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
9	UCART1	396816.2	3766686.98	396816.15, 3766686.98	0.10552	0.55758	7.99E-04	3.00E-04	1.10E-03	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
10	UCART1	396861.2	3766686.98	396861.15, 3766686.98	0.11069	0.78173	8.39E-04	4.20E-04	1.26E-03	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
11	UCART1	396456.2	3766731.98	396456.15, 3766731.98	0.05761	0.09264	4.36E-04	4.98E-05	4.86E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	6.0E-08	1.4E-08	0.0E+00	0.0E+00	8.0E-08
12	UCART1	396501.2	3766731.98	396501.15, 3766731.98	0.0637	0.11128	4.83E-04	5.98E-05	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	9.0E-08
13	UCART1	396546.2	3766731.98	396546.15, 3766731.98	0.07059	0.13645	5.35E-04	7.34E-05	6.08E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
14	UCART1	396591.2	3766731.98	396591.15, 3766731.98	0.07823	0.17107	5.93E-04	9.20E-05	6.85E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	9.3E-09	8.4E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
15	UCART1	396636.2	3766731.98	396636.15, 3766731.98	0.08675	0.22063	6.57E-04	1.19E-04	7.76E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
16	UCART1	396681.2	3766731.98	396681.15, 3766731.98	0.09569	0.29201	7.25E-04	1.57E-04	8.82E-04	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
17	UCART1	396726.2	3766731.98	396726.15, 3766731.98	0.10486	0.39962	7.94E-04	2.15E-04	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
18	UCART1	396771.2	3766731.98	396771.15, 3766731.98	0.11394	0.57015	8.63E-04	3.07E-04	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
19	UCART1	396816.2	3766731.98	396816.15, 3766731.98	0.12267	0.85716	9.29E-04	4.61E-04	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
20	UCART1	396861.2	3766731.98	396861.15, 3766731.98	0.13048	1.44671	9.88E-04	7.78E-04	1.77E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
21	UCART1	396906.2	3766731.98	396906.15, 3766731.98	0.137	3.20436	1.04E-03	1.72E-03	2.76E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	3.4E-07	7.9E-08	0.0E+00	0.0E+00	4.6E-07
22	UCART1	396951.2	3766731.98	396951.15, 3766731.98	0.14201	4.17088	1.08E-03	2.24E-03	3.32E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.5E-08	0.0E+00	0.0E+00	5.5E-07
23	UCART1	396996.2	3766731.98	396996.15, 3766731.98	0.14526	2.63365	1.10E-03	1.42E-03	2.52E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
24	UCART1	397041.2	3766731.98	397041.15, 3766731.98	0.14666	0.80651	1.11E-03	4.34E-04	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
25	UCART1	396456.2	3766776.98	396456.15, 3766776.98	0.06028	0.09534	4.57E-04	5.13E-05	5.08E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.4E-08	0.0E+00	0.0E+00	8.4E-08
26	UCART1	396501.2	3766776.98	396501.15, 3766776.98	0.0671	0.11543	5.08E-04	6.21E-05	5.70E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
27	UCART1	396546.2	3766776.98	396546.15, 3766776.98	0.07498	0.14313	5.68E-04	7.70E-05	6.45E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
28	UCART1	396591.2	3766776.98	396591.15, 3766776.98	0.08416	0.18334	6.38E-04	9.86E-05	7.36E-04	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
29	UCART1	396636.2	3766776.98	396636.15, 3766776.98	0.09472	0.24381	7.18E-04	1.31E-04	8.49E-04	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	1.2E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
30	UCART1	396681.2	3766776.98	396681.15, 3766776.98	0.1061	0.33236	8.04E-04	1.79E-04	9.82E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
31	UCART1	396726.2	3766776.98	396726.15, 3766776.98	0.11822	0.48752	8.96E-04	2.62E-04	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
32	UCART1	396771.2	3766776.98	396771.15, 3766776.98	0.13088	0.76107	9.92E-04	4.09E-04	1.40E-03	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
33	UCART1	396816.2	3766776.98	396816.15, 3766776.98	0.14343	1.4068	1.09E-03	7.56E-04	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.0E-07
34	UCART1	396861.2	3766776.98	396861.15, 3766776.98	0.15531	3.13349	1.18E-03	1.68E-03	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	3.5E-07	8.2E-08	0.0E+00	0.0E+00	4.7E-07
35	UCART1	396906.2	3766776.98	396906.15, 3766776.98	0.16581	5.18096	1.26E-03	2.79E-03	4.04E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	5.0E-07	1.2E-07	0.0E+00	0.0E+00	6.7E-07
36	UCART1	396951.2	3766776.98	396951.15, 3766776.98	0.1743	6.0444	1.32E-03	3.25E-03	4.57E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.6E-07
37	UCART1	396996.2	3766776.98	396996.15, 3766776.98	0.18029	2.03026	1.37E-03	1.09E-03	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.1E-07
38	UCART1	397041.2	3766776.98	397041.15, 3766776.98	0.1835	0.92034	1.39E-03	4.95E-04	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
39	UCART1	397086.2	3766776.98	397086.15, 3766776.98	0.18386	0.55179	1.39E-03	2.97E-04	1.69E-03	5.8E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
40	UCART1	397131.2	3766776.98	397131.15, 3766776.98	0.18149	0.3945	1.37E-03	2.12E-04	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	2.0E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
41	UCART1	396456.2	3766821.98	396456.15, 3766821.98	0.06271	0.09674	4.75E-04	5.20E-05	5.27E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
42	UCART1	396501.2	3766821.98	396501.15, 3766821.98	0.07038	0.11793	5.33E-04	6.34E-05	5.97E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	7.3E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
43	UCART1	396546.2	3766821.98	396546.15, 3766821.98	0.07941	0.14759	6.02E-04	7.94E-05	6.81E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.3E-09	8.4E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
44	UCART1	396591.2	3766821.98	396591.15, 3766821.98	0.09	0.19109	6.82E-04	1.03E-04	7.85E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
45	UCART1	396636.2	3766821.98	396636.15, 3766821.98	0.10271	0.26043	7.78E-04	1.40E-04	9.18E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
46	UCART1	396681.2	3766821.98	396681.15, 3766821.98	0.11723	0.37064	8.88E-04	1.99E-04	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
47	UCART1	396726.2	3766821.98	396726.15, 3766821.98	0.13318	0.58869	1.01E-03	3.17E-04	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
48	UCART1	396771.2	3766821.98	396771.15, 3766821.98	0.15049	1.09689	1.14E-03	5.90E-04	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.4E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.9E-07
49	UCART1	396816.2	3766821.98	396816.15, 3766821.98	0.16867	2.66798	1.28E-03	1.43E-03	2.71E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	3.3E-07	7.7E-08	0.0E+00	0.0E+00	4.5E-07
50	UCART1	396861.2	3766821.98	396861.15, 3766821.98	0.18675	7.40739	1.41E-03	3.98E-03	5.40E-03	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
51	UCART1	396906.2	3766821.98	396906.15, 3766821.98	0.20359	7.62596	1.54E-03	4.10E-03	5.64E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	7.0E-07	1.6E-07	0.0E+00	0.0E+00	9.3E-07
52	UCART1	396951.2	3766821.98	396951.15, 3766821.98	0.218	2.94291	1.65E-03	1.58E-03	3.23E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.3E-07
53	UCART1	396996.2	3766821.98	396996.15, 3766821.98	0.22887	1.5906	1.73E-03	8.55E-04	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
54	UCART1	397041.2	3766821.98	397041.15, 3766821.98	0.23542	0.94414	1.78E-03	5.08E-04	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
55	UCART1	397086.2	3766821.98	397086.15, 3766821.98	0.23732	0.6301	1.80E-03	3.39E-04	2.14E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.1E-08	0.0E+00	0.0E+00	3.5E-07
56	UCART1	397131.2	3766821.98	397131.15, 3766821.98	0.2347	0.46468	1.78E-03	2.50E-04	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
57	UCART1	397176.2	3766821.98	397176.15, 3766821.98	0.22785	0.37374	1.73E-03	2.01E-04	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
58	UCART1	397221.2	3766821.98	397221.15, 3766821.98	0.21756	0.31651	1.65E-03	1.70E-04	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
59	UCART1	396456.2	3766866.98	396456.15, 3766866.98	0.06493	0.09694	4.92E-04	5.21E-05	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.6E-08	0.0E+00	0.0E+00	9.0E-08
60	UCART1	396501.2	3766866.98	396501.15, 3766866.98	0.07351	0.11862	5.57E-04	6.38E-05	6.21E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.4E-09	7.6E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
61	UCART1	396546.2	3766866.98	396546.15, 3766866.98	0.08372	0.1492	6.34E-04	8.02E-05	7.14E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
62	UCART1	396591.2	3766866.98	396591.15, 3766866.98	0.09585	0.19411	7.26E-04	1.04E-04	8.31E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
63	UCART1	396636.2	3766866.98	396636.15, 3766866.98	0.11071	0.26638	8.39E-04	1.43E-04	9.82E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
64	UCART1	396681.2	3766866.98	396681.15, 3766866.98	0.12858	0.39389	9.74E-04	2.12E-04	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
65	UCART1	396726.2	3766866.98	396726.15, 3766866.98	0.14946	0.65319	1.13E-03	3.51E-04	1.48E-03	5.1E-07	1.6E-06	9.0E-07	8.1E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.5E-07
66	UCART1	396771.2	3766866.98	396771.15, 3766866.98	0.17314	1.35986	1.31E-03	7.31E-04	2.04E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
67	UCART1	396816.2	3766866.98	396816.15, 3766866.98	0.19931	5.52483	1.51E-03	2.97E-03	4.48E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.4E-07
68	UCART1	396861.2	3766866.98	396861.15, 3766866.98	0.22695	10.6468	1.72E-03	5.72E-03	7.44E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	9.2E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
69	UCART1	396906.2	3766866.98	396906.15, 3766866.98	0.25436	3.92677	1.93E-03	2.11E-03	4.04E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	5.0E-07	1.2E-07	0.0E+00	0.0E+00	6.7E-07
70	UCART1	396951.2	3766866.98	396951.15, 3766866.98	0.27911	2.24237	2.11E-03	1.21E-03	3.32E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.5E-08	0.0E+00	0.0E+00	5.5E-07
71	UCART1	396996.2	3766866.98	396996.15, 3766866.98	0.29892	1.44482	2.26E-03	7.77E-04	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	3.7E-07	8.7E-08	0.0E+00	0.0E+00	5.0E-07
72	UCART1	397041.2	3766866.98	397041.15, 3766866.98	0.31173	0.98867	2.36E-03	5.32E-04	2.89E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.9E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
73	UCART1	397086.2	3766866.98	397086.15, 3766866.98	0.31667	0.71363	2.40E-03	3.84E-04	2.78E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.4E-07	7.9E-08	0.0E+00	0.0E+00	4.6E-07
74	UCART1	397131.2	3766866.98	397131.15, 3766866.98	0.31362	0.54738	2.38E-03	2.94E-04	2.67E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.6E-08	0.0E+00	0.0E+00	4.4E-07
75	UCART1	397176.2	3766866.98	397176.15, 3766866.98	0.30344	0.44907	2.30E-03	2.41E-04	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
76	UCART1	397221.2	3766866.98	397221.15, 3766866.98	0.28761	0.3847	2.18E-03	2.07E-04	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.2E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	3.9E-07
77	UCART1	397266.2	3766866.98	397266.15, 3766866.98	0.26776	0.33966	2.03E-03	1.83E-04	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.7E-07
78	UCART1	397311.2	3766866.98	397311.15, 3766866.98	0.24547	0.30635	1.86E-03	1.65E-04	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.3E-07
79	UCART1	397356.2	3766866.98	397356.15, 3766866.98	0.22202	0.28046	1.68E-03	1.51E-04	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
80	UCART1	396456.2	3766911.98	396456.15, 3766911.98	0.06681	0.09597	5.06E-04	5.16E-05	5.58E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.2E-08
81	UCART1	396501.2	3766911.98	396501.15, 3766911.98	0.07618	0.11734	5.77E-04	6.31E-05	6.40E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
82	UCART1	396546.2	3766911.98	396546.15, 3766911.98	0.08751	0.14744	6.63E-04	7.93E-05	7.42E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
83	UCART1	396591.2	3766911.98	396591.15, 3766911.98	0.10135	0.19172	7.68E-04	1.03E-04	8.71E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
84	UCART1	396636.2	3766911.98	396636.15, 3766911.98	0.11883	0.26286	9.00E-04	1.41E-04	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
85	UCART1	396681.2	3766911.98	396681.15, 3766911.98	0.14056	0.38715	1.06E-03	2.08E-04	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
86	UCART1	396726.2	3766911.98	396726.15, 3766911.98	0.16698	0.63618	1.27E-03	3.42E-04	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
87	UCART1	396771.2	3766911.98	396771.15, 3766911.98	0.19883	1.28292	1.51E-03	6.90E-04	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.6E-07
88	UCART1	396816.2	3766911.98	396816.15, 3766911.98	0.23635	4.1105	1.79E-03	2.21E-03	4.00E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	4.9E-07	1.1E-07	0.0E+00	0.0E+00	6.6E-07
89	UCART1	396861.2	3766911.98	396861.15, 3766911.98	0.27878	6.55377	2.11E-03	3.52E-03	5.64E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	6.9E-07	1.6E-07	0.0E+00	0.0E+00	9.3E-07
90	UCART1	396906.2	3766911.98	396906.15, 3766911.98	0.32403	4.86842	2.45E-03	2.62E-03	5.07E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	6.2E-07	1.4E-07	0.0E+00	0.0E+00	8.4E-07
91	UCART1	396951.2	3766911.98	396951.15, 3766911.98	0.36801	2.48396	2.79E-03	1.34E-03	4.12E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	5.1E-07	1.2E-07	0.0E+00	0.0E+00	6.8E-07
92	UCART1	396996.2	3766911.98	396996.15, 3766911.98	0.40529	1.59448	3.07E-03	8.57E-04	3.93E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.5E-07
93	UCART1	397041.2	3766911.98	397041.15, 3766911.98	0.43061	1.12979	3.26E-03	6.07E-04	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
94	UCART1	397086.2	3766911.98	397086.15, 3766911.98	0.44113	0.83331	3.34E-03	4.48E-04	3.79E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
95	UCART1	397131.2	3766911.98	397131.15, 3766911.98	0.43486	0.65961	3.29E-03	3.55E-04	3.65E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	5.0E-08	4.5E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07
96	UCART1	397176.2	3766911.98	397176.15, 3766911.98	0.42015	0.56244	3.18E-03	3.02E-04	3.49E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	4.3E-07	9.9E-08	0.0E+00	0.0E+00	5.8E-07
97	UCART1	397221.2	3766911.98	397221.15, 3766911.98	0.393	0.4825	2.98E-03	2.59E-04	3.24E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.4E-07
98	UCART1	397266.2	3766911.98	397266.15, 3766911.98	0.36149	0.42855	2.74E-03	2.30E-04	2.97E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.7E-07	8.5E-08	0.0E+00	0.0E+00	4.9E-07
99	UCART1	397311.2	3766911.98	397311.15, 3766911.98	0.32687	0.38868	2.48E-03	2.09E-04	2.69E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.7E-08	3.3E-07	7.7E-08	0.0E+00	0.0E+00	4.4E-07
100	UCART1	397356.2	3766911.98	397356.15, 3766911.98	0.2903	0.35474	2.20E-03	1.91E-04	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.3E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	4.0E-07
101	UCART1	396456.2	3766956.98	396456.15, 3766956.98	0.06833	0.09398	5.18E-04	5.05E-05	5.68E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
102	UCART1	396501.2	3766956.98	396501.15, 3766956.98	0.07841	0.11446	5.94E-04	6.15E-05	6.56E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
103	UCART1	396546.2	3766956.98	396546.15, 3766956.98	0.09086	0.14314	6.88E-04	7.70E-05	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
104	UCART1	396591.2	3766956.98	396591.15, 3766956.98	0.1063	0.18483	8.05E-04	9.94E-05	9.05E-04	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
105	UCART1	396636.2	3766956.98	396636.15, 3766956.98	0.1264	0.25033	9.58E-04	1.35E-04	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
106	UCART1	396681.2	3766956.98	396681.15, 3766956.98	0.15189	0.35971	1.15E-03	1.93E-04	1.34E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
107	UCART1	396726.2	3766956.98	396726.15, 3766956.98	0.1849	0.56488	1.40E-03	3.04E-04	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
108	UCART1	396771.2	3766956.98	396771.15, 3766956.98	0.22701	1.01258	1.72E-03	5.44E-04	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.7E-07
109	UCART1	396816.2	3766956.98	396816.15, 3766956.98	0.2803	2.20728	2.12E-03	1.19E-03	3.31E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.4E-08	0.0E+00	0.0E+00	5.5E-07
110	UCART1	396861.2	3766956.98	396861.15, 3766956.98	0.34615	6.36412	2.62E-03	3.42E-03	6.04E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	7.4E-07	1.7E-07	0.0E+00	0.0E+00	1.0E-06
111	UCART1	396906.2	3766956.98	396906.15, 3766956.98	0.42248	6.26881	3.20E-03	3.37E-03	6.57E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	8.9E-08	8.1E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
112	UCART1	396951.2	3766956.98	396951.15, 3766956.98	0.50522	4.46037	3.83E-03	2.40E-03	6.23E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
113	UCART1	396996.2	3766956.98	396996.15, 3766956.98	0.58063	2.24788	4.40E-03	1.21E-03	5.61E-03	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	6.9E-07	1.6E-07	0.0E+00	0.0E+00	9.3E-07
114	UCART1	397041.2	3766956.98	397041.15, 3766956.98	0.63342	1.44819	4.80E-03	7.79E-04	5.58E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	6.9E-07	1.6E-07	0.0E+00	0.0E+00	9.2E-07
115	UCART1	397086.2	3766956.98	397086.15, 3766956.98	0.65291	1.08086	4.95E-03	5.81E-04	5.53E-03	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	6.8E-07	1.6E-07	0.0E+00	0.0E+00	9.1E-07
116	UCART1	397131.2	3766956.98	397131.15, 3766956.98	0.63174	0.86029	4.79E-03	4.63E-04	5.25E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	6.5E-07	1.5E-07	0.0E+00	0.0E+00	8.7E-07
117	UCART1	397176.2	3766956.98	397176.15, 3766956.98	0.60358	0.73624	4.57E-03	3.96E-04	4.97E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.2E-07
118	UCART1	397221.2	3766956.98	397221.15, 3766956.98	0.56049	0.64396	4.25E-03	3.46E-04	4.59E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.7E-07	1.3E-07	0.0E+00	0.0E+00	7.6E-07
119	UCART1	397266.2	3766956.98	397266.15, 3766956.98	0.5096	0.57522	3.86E-03	3.09E-04	4.17E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	5.1E-07	1.2E-07	0.0E+00	0.0E+00	6.9E-07
120	UCART1	397311.2	3766956.98	397311.15, 3766956.98	0.45226	0.51861	3.43E-03	2.79E-04	3.71E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
121	UCART1	397356.2	3766956.98	397356.15, 3766956.98	0.37506	0.44928	2.84E-03	2.42E-04	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07

122	UCART1	397401.2	3766956.98	397401.15, 3766956.98	0.33215	0.42853	2.52E-03	2.30E-04	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
123	UCART1	397446.2	3766956.98	397446.15, 3766956.98	0.28229	0.40252	2.14E-03	2.16E-04	2.35E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
124	UCART1	397491.2	3766956.98	397491.15, 3766956.98	0.23537	0.37687	1.78E-03	2.03E-04	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.4E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
125	UCART1	397536.2	3766956.98	397536.15, 3766956.98	0.19564	0.35264	1.48E-03	1.90E-04	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
126	UCART1	397581.2	3766956.98	397581.15, 3766956.98	0.16303	0.32987	1.24E-03	1.77E-04	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
127	UCART1	397626.2	3766956.98	397626.15, 3766956.98	0.13666	0.30478	1.04E-03	1.64E-04	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
128	UCART1	397671.2	3766956.98	397671.15, 3766956.98	0.11552	0.27324	8.75E-04	1.47E-04	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
129	UCART1	397716.2	3766956.98	397716.15, 3766956.98	0.09823	0.23303	7.44E-04	1.25E-04	8.69E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
130	UCART1	397761.2	3766956.98	397761.15, 3766956.98	0.08286	0.18521	6.28E-04	9.96E-05	7.27E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
131	UCART1	397806.2	3766956.98	397806.15, 3766956.98	0.07171	0.14932	5.43E-04	8.03E-05	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
132	UCART1	397851.2	3766956.98	397851.15, 3766956.98	0.06272	0.12061	4.75E-04	6.48E-05	5.40E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	7.3E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
133	UCART1	397896.2	3766956.98	397896.15, 3766956.98	0.05573	0.09934	4.22E-04	5.34E-05	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
134	UCART1	397941.2	3766956.98	397941.15, 3766956.98	0.04927	0.08188	3.73E-04	4.40E-05	4.17E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
135	UCART1	396456.2	3767001.98	396456.15, 3767001.98	0.06943	0.09114	5.26E-04	4.90E-05	5.75E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
136	UCART1	396501.2	3767001.98	396501.15, 3767001.98	0.08006	0.11031	6.07E-04	5.93E-05	6.66E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	8.2E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
137	UCART1	396546.2	3767001.98	396546.15, 3767001.98	0.09346	0.13679	7.08E-04	7.35E-05	7.82E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
138	UCART1	396591.2	3767001.98	396591.15, 3767001.98	0.11041	0.17475	8.36E-04	9.40E-05	9.30E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.7E-08	0.0E+00	0.0E+00	1.5E-07
139	UCART1	396636.2	3767001.98	396636.15, 3767001.98	0.13265	0.23199	1.00E-03	1.25E-04	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
140	UCART1	396681.2	3767001.98	396681.15, 3767001.98	0.16221	0.32361	1.23E-03	1.74E-04	1.40E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
141	UCART1	396726.2	3767001.98	396726.15, 3767001.98	0.20188	0.48114	1.53E-03	2.59E-04	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	3.0E-07
142	UCART1	396771.2	3767001.98	396771.15, 3767001.98	0.25612	0.77725	1.94E-03	4.18E-04	2.36E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
143	UCART1	396816.2	3767001.98	396816.15, 3767001.98	0.33049	1.38081	2.50E-03	7.42E-04	3.25E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	4.0E-07	9.3E-08	0.0E+00	0.0E+00	5.4E-07
144	UCART1	396861.2	3767001.98	396861.15, 3767001.98	0.43217	2.71443	3.27E-03	1.46E-03	4.73E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	5.8E-07	1.4E-07	0.0E+00	0.0E+00	7.8E-07
145	UCART1	396906.2	3767001.98	396906.15, 3767001.98	0.56674	6.57229	4.29E-03	3.53E-03	7.83E-03	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	1.1E-07	9.6E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
146	UCART1	396951.2	3767001.98	396951.15, 3767001.98	0.73407	6.29333	5.56E-03	3.38E-03	8.94E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
147	UCART1	396996.2	3767001.98	396996.15, 3767001.98	0.91072	4.60497	6.90E-03	2.48E-03	9.38E-03	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.5E-06
148	UCART1	397041.2	3767001.98	397041.15, 3767001.98	1.03393	2.34619	7.83E-03	1.26E-03	9.09E-03	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
149	UCART1	397086.2	3767001.98	397086.15, 3767001.98	1.06115	1.66701	8.04E-03	8.96E-04	8.94E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.5E-06
150	UCART1	397131.2	3767001.98	397131.15, 3767001.98	1.00902	1.31772	7.64E-03	7.09E-04	8.35E-03	2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	1.0E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
151	UCART1	397176.2	3767001.98	397176.15, 3767001.98	0.94291	1.11367	7.14E-03	5.99E-04	7.74E-03	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.1E-07	9.5E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
152	UCART1	397221.2	3767001.98	397221.15, 3767001.98	0.85736	0.95999	6.50E-03	5.16E-04	7.01E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	9.5E-08	8.6E-07	2.0E-07	0.0E+00	0.0E+00	1.2E-06
153	UCART1	397266.2	3767001.98	397266.15, 3767001.98	0.7617	0.84054	5.77E-03	4.52E-04	6.22E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
154	UCART1	397311.2	3767001.98	397311.15, 3767001.98	0.65688	0.73905	4.98E-03	3.97E-04	5.37E-03	1.9E-06	5.6E-06	3.3E-06	2.9E-06	1.3E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
155	UCART1	397356.2	3767001.98	397356.15, 3767001.98	0.52119	0.62838	3.95E-03	3.38E-04	4.29E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
156	UCART1	397401.2	3767001.98	397401.15, 3767001.98	0.40383	0.55787	3.06E-03	3.00E-04	3.36E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	4.1E-07	9.6E-08	0.0E+00	0.0E+00	5.6E-07
157	UCART1	397446.2	3767001.98	397446.15, 3767001.98	0.37008	0.56512	2.80E-03	3.04E-04	3.11E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.1E-07
158	UCART1	397491.2	3767001.98	397491.15, 3767001.98	0.29822	0.53195	2.26E-03	2.86E-04	2.55E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
159	UCART1	397536.2	3767001.98	397536.15, 3767001.98	0.23848	0.50372	1.81E-03	2.71E-04	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
160	UCART1	397581.2	3767001.98	397581.15, 3767001.98	0.19191	0.48173	1.45E-03	2.59E-04	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
161	UCART1	397626.2	3767001.98	397626.15, 3767001.98	0.15652	0.46313	1.19E-03	2.49E-04	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
162	UCART1	397671.2	3767001.98	397671.15, 3767001.98	0.12902	0.42491	9.77E-04	2.28E-04	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
163	UCART1	397716.2	3767001.98	397716.15, 3767001.98	0.10646	0.33725	8.07E-04	1.81E-04	9.88E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
164	UCART1	397761.2	3767001.98	397761.15, 3767001.98	0.09012	0.25462	6.83E-04	1.37E-04	8.20E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.4E-07
165	UCART1	397806.2	3767001.98	397806.15, 3767001.98	0.07655	0.18739	5.80E-04	1.01E-04	6.81E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.3E-09	8.4E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
166	UCART1	397851.2	3767001.98	397851.15, 3767001.98	0.06596	0.14159	5.00E-04	7.61E-05	5.76E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
167	UCART1	397896.2	3767001.98	397896.15, 3767001.98	0.05801	0.11178	4.39E-04	6.01E-05	5.00E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	6.8E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.3E-08
168	UCART1	397941.2	3767001.98	397941.15, 3767001.98	0.05154	0.09074	3.90E-04	4.88E-05	4.39E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
169	UCART1	396456.2	3767046.98	396456.15, 3767046.98	0.07006	0.08767	5.31E-04	4.71E-05	5.78E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.9E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.6E-08
170	UCART1	396501.2	3767046.98	396501.15, 3767046.98	0.08109	0.10529	6.14E-04	5.66E-05	6.71E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
171	UCART1	396546.2	3767046.98	396546.15, 3767046.98	0.09515	0.12922	7.21E-04	6.95E-05	7.90E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
172	UCART1	396591.2	3767046.98	396591.15, 3767046.98	0.11327	0.16281	8.58E-04	8.75E-05	9.46E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
173	UCART1	396636.2	3767046.98	396636.15, 3767046.98	0.13735	0.21175	1.04E-03	1.14E-04	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
174	UCART1	396681.2	3767046.98	396681.15, 3767046.98	0.17034	0.28633	1.29E-03	1.54E-04	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
175	UCART1	396726.2	3767046.98	396726.15, 3767046.98	0.21658	0.40545	1.64E-03	2.18E-04	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
176	UCART1	396771.2	3767046.98	396771.15, 3767046.98	0.28337	0.60555	2.15E-03	3.26E-04	2.47E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.0E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
177	UCART1	396816.2	3767046.98	396816.15, 3767046.98	0.38342	0.95293	2.90E-03	5.12E-04	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.6E-08	4.2E-07	9.7E-08	0.0E+00	0.0E+00	5.6E-07
178	UCART1	396861.2	3767046.98	396861.15, 3767046.98	0.53745	1.576	4.07E-03	8.47E-04	4.92E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.1E-07
179	UCART1	396906.2	3767046.98	396906.15, 3767046.98	0.7824	2.79435	5.93E-03	1.50E-03	7.43E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	9.2E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
180	UCART1	396951.2	3767046.98	396951.15, 3767046.98	1.17143	6.26337	8.87E-03	3.37E-03	1.22E-02	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.7E-07	1.5E-06	3.5E-07	0.0E+00	0.0E+00	2.0E-06
181	UCART1	396996.2	3767046.98	396996.15, 3767046.98	1.71825	6.46265	1.30E-02	3.47E-03	1.65E-02	5.7E-06	1.7E-05	1.0E-05	9.0E-06	4.1E-06	2.2E-07	2.0E-06	4.7E-07	0.0E+00	0.0E+00	2.7E-06
182	UCART1	397041.2	3767046.98	397041.15, 3767046.98	2.10736	6.1738	1.60E-02	3.32E-03	1.93E-02	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	2.6E-07	2.4E-06	5.5E-07	0.0E+00	0.0E+00	3.2E-06
183	UCART1	397086.2	3767046.98	397086.15, 3767046.98	2.06345	3.85952	1.56E-02	2.08E-03	1.77E-02	6.1E-06	1.9E-05	1.1E-05	9.7E-06	4.4E-06	2.4E-07	2.2E-06	5.1E-07	0.0E+00	0.0E+00	2.9E-06
184	UCART1	397131.2	3767046.98	397131.15, 3767046.98	1.86296	2.76792	1.41E-02	1.49E-03	1.56E-02	5.4E-06	1.6E-05	9.4E-06	8.6E-06	3.9E-06	2.1E-07	1.9E-06	4.5E-07	0.0E+00	0.0E+00	2.6E-06
185	UCART1	397176.2	3767046.98	397176.15, 3767046.98	1.655	2.16402	1.25E-02	1.16E-03	1.37E-02	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.9E-07	1.7E-06	3.9E-07	0.0E+00	0.0E+00	2.3E-06
186	UCART1	397221.2	3767046.98	397221.15, 3767046.98	1.44938	1.74544	1.10E-02	9.38E-04	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
187	UCART1	397266.2	3767046.98	397266.15, 3767046.98	1.24456	1.44102	9.43E-03	7.75E-04	1.02E-02	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.4E-07	1.3E-06	2.9E-07	0.0E+00	0.0E+00	1.7E-06
188	UCART1	397311.2	3767046.98	397311.15, 3767046.98	1.04157	1.20888	7.89E-03	6.50E-04	8.54E-03	3.0E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	1.1E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
189	UCART1	397356.2	3767046.98	397356.15, 3767046.98	0.84305	1.04426	6.39E-03	5.61E-04	6.95E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	8.6E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
190	UCART1	397401.2	3767046.98	397401.15, 3767046.98	0.58297	0.86031	4.42E-03	4.63E-04	4.88E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.6E-08	6.0E-07	1.4E-07	0.0E+00	0.0E+00	8.1E-07
191	UCART1	397446.2	3767046.98	397446.15, 3767046.98	0.48364	0.8543	3.66E-03	4.59E-04	4.12E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	5.1E-07	1.2E-07	0.0E+00	0.0E+00	6.8E-07
192	UCART1	397491.2	3767046.98	397491.15, 3767046.98	0.38524	0.82216	2.92E-03	4.42E-04	3.36E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	4.1E-07	9.6E-08	0.0E+00	0.0E+00	5.6E-07
193	UCART1	397536.2	3767046.98	397536.15, 3767046.98	0.29229	0.78409	2.21E-03	4.22E-04	2.64E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
194	UCART1	397581.2	3767046.98	397581.15, 3767046.98	0.22553	0.77943	1.71E-03	4.19E-04	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.1E-08	0.0E+00	0.0E+00	3.5E-07
195	UCART1	397626.2	3767046.98	397626.15, 3767046.98	0.17832	0.82152	1.35E-03	4.42E-04	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	3.0E-07
196	UCART1	397671.2	3767046.98	397671.15, 3767046.98	0.1436	0.85707	1.09E-03	4.61E-04	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
197	UCART1	397716.2	3767046.98	397716.15, 3767046.98	0.11756	0.63205	8.91E-04	3.40E-04	1.23E-03	4.3E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
198	UCART1	397761.2	3767046.98	397761.15, 3767046.98	0.09681	0.37028	7.33E-04	1.99E-04	9.33E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.7E-08	0.0E+00	0.0E+00	1.5E-07
199	UCART1	397806.2	3767046.98	397806.15, 3767046.98	0.08116	0.23667	6.15E-04	1.27E-04	7.42E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
200	UCART1	397851.2	3767046.98	397851.15, 3767046.98	0.06952	0.16654	5.27E-04	8.95E-05	6.16E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	7.6E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
201	UCART1	397896.2	3767046.98	397896.15, 3767046.98	0.06087	0.1265	4.61E-04	6.80E-05	5.29E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
202	UCART1	397941.2	3767046.98	397941.15, 3767046.98	0.05361	0.09949	4.06E-04	5.35E-05	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
203	UCART1	396456.2	3767091.98	396456.15, 3767091.98	0.07022	0.0838	5.32E-04	4.51E-05	5.77E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
204	UCART1	396501.2	3767091.98	396501.15, 3767091.98	0.0815	0.09975	6.17E-04	5.36E-05	6.71E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
205	UCART1	396546.2	3767091.98	396546.15, 3767091.98	0.09589	0.1211	7.26E-04	6.51E-05	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
206	UCART1	396591.2	3767091.98	396591.15, 3767091.98	0.11483	0.15027	8.70E-04	8.08E-05	9.51E-04	3.3E-07	9.9E-07	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
207	UCART1	396636.2	3767091.98	396636.15, 3767091.98	0.14018	0.19162	1.06E-03	1.03E-04	1.17E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
208	UCART1	396681.2	3767091.98	396681.15, 3767091.98	0.17527	0.25183	1.33E-03	1.35E-04	1.46E-03	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
209	UCART1	396726.2	3767091.98	396726.15, 3767091.98	0.22661	0.34218	1.72E-03	1.84E-04	1.90E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
210	UCART1	396771.2	3767091.98	396771.15, 3767091.98	0.30447	0.48169	2.31E-03	2.59E-04	2.57E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.5E-08	3.2E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
211	UCART1	396816.2	3767091.98	396816.15, 3767091.98	0.43067	0.69964	3.26E-03	3.76E-04	3.64E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.9E-08	4.5E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07
212	UCART1	396861.2	3767091.98	396861.15, 3767091.98	0.65355	1.04213	4.95E-03	5.60E-04	5.51E-03	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	6.8E-07	1.6E-07	0.0E+00	0.0E+00	9.1E-07
213	UCART1	396906.2	3767091.98	396906.15, 3767091.98	1.09351	1.60648	8.28E-03	8.64E-04	9.15E-03	3.2E-06	9.6E-06	5.5E-06	5.0E-06	2.3E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
214	UCART1	396951.2	3767091.98	396951.15, 3767091.98	2.09712	2.67076	1.59E-02	1.44E-03	1.73E-02	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	2.4E-07	2.1E-06	4.9E-07	0.0E+00	0.0E+00	2.9E-06
215	UCART1	397131.2	3767091.98	397131.15, 3767091.98	4.98005	5.84205	3.77E-02	3.14E-03	4.09E-02	1.4E-05	4.3E-05	2.5E-05	2.2E-05	1.0E-05	5.6E-07	5.0E-06	1.2E-06	0.0E+00	0.0E+00	6.8E-06
216	UCART1	397176.2	3767091.98	397176.15, 3767091.98	3.78807	8.67074	2.87E-02	4.66E-03	3.34E-02	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.3E-06	4.5E-07	4.1E-06	9.5E-07	0.0E+00	0.0E+00	5.5E-06
217	UCART1	397221.2	3767091.98	397221.15, 3767091.98	2.99134	5.25285	2.27E-02	2.82E-03	2.55E-02	8.8E-06	2.7E-05	1.5E-05	1.4E-05	6.4E-06	3.5E-07	3.1E-06	7.3E-07	0.0E+00	0.0E+00	4.2E-06
218	UCART1	397266.2	3767091.98	397266.15, 3767091.98	2.39688	3.58789	1.82E-02	1.93E-03	2.01E-02	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.7E-07	2.5E-06	5.7E-07	0.0E+00	0.0E+00	3.3E-06
219	UCART1	397311.2	3767091.98	397311.15, 3767091.98	1.92185	2.65198	1.46E-02	1.43E-03	1.60E-02	5.5E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	2.2E-07	2.0E-06	4.6E-07	0.0E+00	0.0E+00	2.6E-06
220	UCART1	397356.2	3767091.98	397356.15, 3767091.98	1.48557	2.09962	1.13E-02	1.13E-03	1.24E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	1.5E-06	3.5E-07	0.0E+00	0.0E+00	2.0E-06
221	UCART1	397401.2	3767091.98	397401.15, 3767091.98	1.02718	1.7503	7.78E-03	9.41E-04	8.72E-03	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.4E-06
222	UCART1	397446.2	3767091.98	397446.15, 3767091.98	0.70094	1.59691	5.31E-03	8.59E-04	6.17E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	8.4E-08	7.6E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
223	UCART1	397491.2	3767091.98	397491.15, 3767091.98	0.46351	1.45215	3.51E-03	7.81E-04	4.29E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
224	UCART1	397536.2	3767091.98	397536.15, 3767091.98	0.33439	1.38995	2.53E-03	7.47E-04	3.28E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	4.0E-07	9.4E-08	0.0E+00	0.0E+00	5.4E-07
225	UCART1	397581.2	3767091.98	397581.15, 3767091.98	0.24257	1.36119	1.84E-03	7.32E-04	2.57E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.5E-08	3.2E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
226	UCART1	397626.2	3767091.98	397626.15, 3767091.98	0.19999	1.81478	1.52E-03	9.76E-04	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.1E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
227	UCART1	397671.2	3767091.98	397671.15, 3767091.98	0.15897	3.70017	1.20E-03	1.99E-03	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	3.9E-07	9.1E-08	0.0E+00	0.0E+00	5.3E-07
228	UCART1	397716.2	3767091.98	397716.15, 3767091.98	0.12854	1.77614	9.74E-04	9.55E-04	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
229	UCART1	397761.2	3767091.98	397761.15, 3767091.98	0.10471	0.56333	7.93E-04	3.03E-04	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
230	UCART1	397806.2	3767091.98	397806.15, 3767091.98	0.08579	0.29492	6.50E-04	1.59E-04	8.08E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.3E-07
231	UCART1	397851.2	3767091.98	397851.15, 3767091.98	0.07361	0.19602	5.58E-04	1.05E-04	6.63E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	8.2E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
232	UCART1	397896.2	3767091.98	397896.15, 3767091.98	0.0643	0.14351	4.87E-04	7.72E-05	5.64E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.3E-08
233	UCART1	397941.2	3767091.98	397941.15, 3767091.98	0.05584	0.10899	4.23E-04	5.86E-05	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	8.0E-08
234	UCART1	396456.2	3767136.98	396456.15, 3767136.98	0.06995	0.07929	5.30E-04	4.26E-05	5.73E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
235	UCART1	396501.2	3767136.98	396501.15, 3767136.98	0.08119	0.09405	6.15E-04	5.06E-05	6.66E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	8.2E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
236	UCART1	396546.2	3767136.98	396546.15, 3767136.98	0.0957	0.11246	7.25E-04	6.05E-05	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
237	UCART1	396591.2	3767136.98	396591.15, 3767136.98	0.1148	0.13732	8.70E-04	7.38E-05	9.44E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
238	UCART1	396636.2	3767136.98	396636.15, 3767136.98	0.14073	0.17084	1.07E-03	9.19E-05	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
239	UCART1	396681.2	3767136.98	396681.15, 3767136.98	0.17684	0.22135	1.34E-03	1.19E-04	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
240	UCART1	396726.2	3767136.98	396726.15, 3767136.98	0.23031	0.29067	1.74E-03	1.56E-04	1.90E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
241	UCART1	396771.2	3767136.98	396771.15, 3767136.98	0.31476	0.39048	2.38E-03	2.10E-04	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
242	UCART1	396816.2	3767136.98	396816.15, 3767136.98	0.45952	0.53401	3.48E-03	2.87E-04	3.77E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.2E-07
243	UCART1	396861.2	3767136.98	396861.15, 3767136.98	0.74705	0.7404	5.66E-03	3.98E-04	6.06E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	7.5E-07	1.7E-07	0.0E+00	0.0E+00	1.0E-06
244	UCART1	396906.2	3767136.98	396906.15, 3767136.98	1.4874	1.04849	1.13E-02	5.64E-04	1.18E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
245	UCART1	397311.2	3767136.98	397311.15, 3767136.98	4.98819	5.53061	3.78E-02	2.97E-03	4.08E-02	1.4E-05	4.3E-05	2.5E-05	2.2E-05	1.0E-05	5.5E-07	5.0E-06	1.2E-06	0.0E+00	0.0E+00	6.7E-06
246	UCART1	397356.2	3767136.98	397356.15, 3767136.98	3.50386	8.30687	2.65E-02	4.47E-03	3.10E-02	1.1E-05	3.2E-05	1.9E-05	1.7E-05	7.8E-06	4.2E-07	3.8E-06	8.8E-07	0.0E+00	0.0E+00	5.1E-06
247	UCART1	397401.2	3767136.98	397401.15, 3767136.98	2.28387	6.21825	1.73E-02	3.34E-03	2.06E-02	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.8E-07	2.5E-06	5.9E-07	0.0E+00	0.0E+00	3.4E-06
248	UCART1	397446.2	3767136.98	397446.15, 3767136.98	1.19627	5.21928	9.06E-03	2.81E-03	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
249	UCART1	397491.2	3767136.98	397491.15, 3767136.98	0.59833	3.9073	4.53E-03	2.10E-03	6.63E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	9.0E-08	8.2E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
250	UCART1	397536.2	3767136.98	397536.15, 3767136.98	0.39267	3.48975	2.97E-03	1.88E-03	4.85E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	6.0E-07	1.4E-07	0.0E+00	0.0E+00	8.0E-07
251	UCART1	397581.2	3767136.98	397581.15, 3767136.98	0.2727	3.19842	2.07E-03	1.72E-03	3.79E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.1E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
252	UCART1	397626.2	3767136.98	397626.15, 3767136.98	0.21904	4.93413	1.66E-03	2.65E-03	4.31E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
253	UCART1	397671.2	3767136.98	397671.15, 3767136.98	0.17415	2.76081	1.32E-03	1.48E-03	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.5E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07

CONSTRUCTION RISK (UNMITIGATED)

254	UCART1	397716.2	3767136.98	397716.15, 3767136.98	0.13882	2.45294	1.05E-03	1.32E-03	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	3.9E-07
255	UCART1	397761.2	3767136.98	397761.15, 3767136.98	0.11364	0.76616	8.61E-04	4.12E-04	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
256	UCART1	397806.2	3767136.98	397806.15, 3767136.98	0.09326	0.373	7.07E-04	2.01E-04	9.07E-04	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
257	UCART1	397851.2	3767136.98	397851.15, 3767136.98	0.07822	0.2289	5.93E-04	1.23E-04	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
258	UCART1	397896.2	3767136.98	397896.15, 3767136.98	0.06791	0.16234	5.14E-04	8.73E-05	6.02E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
259	UCART1	397941.2	3767136.98	397941.15, 3767136.98	0.05542	0.11378	4.20E-04	6.12E-05	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	8.0E-08
260	UCART1	396456.2	3767181.98	396456.15, 3767181.98	0.06918	0.07427	5.24E-04	3.99E-05	5.64E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.3E-08
261	UCART1	396501.2	3767181.98	396501.15, 3767181.98	0.08027	0.08702	6.08E-04	4.68E-05	6.55E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
262	UCART1	396546.2	3767181.98	396546.15, 3767181.98	0.09454	0.10205	7.16E-04	5.49E-05	7.71E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	9.5E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
263	UCART1	396591.2	3767181.98	396591.15, 3767181.98	0.11335	0.12255	8.59E-04	6.59E-05	9.25E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
264	UCART1	396636.2	3767181.98	396636.15, 3767181.98	0.13893	0.15248	1.05E-03	8.20E-05	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
265	UCART1	396681.2	3767181.98	396681.15, 3767181.98	0.17493	0.19059	1.33E-03	1.02E-04	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
266	UCART1	396726.2	3767181.98	396726.15, 3767181.98	0.22761	0.24875	1.72E-03	1.34E-04	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
267	UCART1	396771.2	3767181.98	396771.15, 3767181.98	0.31135	0.32264	2.36E-03	1.73E-04	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
268	UCART1	396816.2	3767181.98	396816.15, 3767181.98	0.45781	0.42113	3.47E-03	2.26E-04	3.69E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
269	UCART1	396861.2	3767181.98	396861.15, 3767181.98	0.75789	0.54899	5.74E-03	2.95E-04	6.04E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	7.4E-07	1.7E-07	0.0E+00	0.0E+00	1.0E-06
270	UCART1	396906.2	3767181.98	396906.15, 3767181.98	1.59541	0.71345	1.21E-02	3.84E-04	1.25E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	1.5E-06	3.6E-07	0.0E+00	0.0E+00	2.1E-06
271	UCART1	397446.2	3767181.98	397446.15, 3767181.98	2.09367	6.72519	1.59E-02	3.62E-03	1.95E-02	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.6E-07	2.4E-06	5.6E-07	0.0E+00	0.0E+00	3.2E-06
272	UCART1	397491.2	3767181.98	397491.15, 3767181.98	0.8282	7.61297	6.27E-03	4.09E-03	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	1.3E-06	3.0E-07	0.0E+00	0.0E+00	1.7E-06
273	UCART1	397536.2	3767181.98	397536.15, 3767181.98	0.49554	5.51289	3.75E-03	2.96E-03	6.72E-03	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	9.1E-08	8.3E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
274	UCART1	397581.2	3767181.98	397581.15, 3767181.98	0.33596	5.2993	2.55E-03	2.85E-03	5.39E-03	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
275	UCART1	397626.2	3767181.98	397626.15, 3767181.98	0.24738	5.0002	1.87E-03	2.69E-03	4.56E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.5E-07
276	UCART1	397671.2	3767181.98	397671.15, 3767181.98	0.18838	4.50181	1.43E-03	2.42E-03	3.85E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
277	UCART1	397716.2	3767181.98	397716.15, 3767181.98	0.14891	1.73003	1.13E-03	9.30E-04	2.06E-03	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.8E-08	2.5E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
278	UCART1	397761.2	3767181.98	397761.15, 3767181.98	0.12145	0.78057	9.20E-04	4.20E-04	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
279	UCART1	397806.2	3767181.98	397806.15, 3767181.98	0.1005	0.42209	7.61E-04	2.27E-04	9.88E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
280	UCART1	397851.2	3767181.98	397851.15, 3767181.98	0.0845	0.26338	6.40E-04	1.42E-04	7.82E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
281	UCART1	397896.2	3767181.98	397896.15, 3767181.98	0.07174	0.18067	5.43E-04	9.71E-05	6.41E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
282	UCART1	397941.2	3767181.98	397941.15, 3767181.98	0.05824	0.12572	4.41E-04	6.76E-05	5.09E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.4E-08
283	UCART1	396456.2	3767226.98	396456.15, 3767226.98	0.068	0.06925	5.15E-04	3.72E-05	5.52E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
284	UCART1	396501.2	3767226.98	396501.15, 3767226.98	0.07876	0.07976	5.97E-04	4.29E-05	6.40E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
285	UCART1	396546.2	3767226.98	396546.15, 3767226.98	0.09255	0.09327	7.01E-04	5.01E-05	7.51E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	9.3E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
286	UCART1	396591.2	3767226.98	396591.15, 3767226.98	0.11065	0.1108	8.38E-04	5.96E-05	8.98E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
287	UCART1	396636.2	3767226.98	396636.15, 3767226.98	0.13516	0.13476	1.02E-03	7.25E-05	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
288	UCART1	396681.2	3767226.98	396681.15, 3767226.98	0.16934	0.16473	1.28E-03	8.86E-05	1.37E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.9E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.3E-07
289	UCART1	396726.2	3767226.98	396726.15, 3767226.98	0.2194	0.21338	1.66E-03	1.15E-04	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
290	UCART1	396771.2	3767226.98	396771.15, 3767226.98	0.29643	0.27028	2.25E-03	1.45E-04	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.3E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	4.0E-07
291	UCART1	396816.2	3767226.98	396816.15, 3767226.98	0.42721	0.34211	3.24E-03	1.84E-04	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	4.2E-07	9.8E-08	0.0E+00	0.0E+00	5.7E-07
292	UCART1	396861.2	3767226.98	396861.15, 3767226.98	0.6778	0.42664	5.13E-03	2.29E-04	5.36E-03	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
293	UCART1	396906.2	3767226.98	396906.15, 3767226.98	1.22951	0.53376	9.31E-03	2.87E-04	9.60E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.6E-06
294	UCART1	396951.2	3767226.98	396951.15, 3767226.98	2.67472	0.64502	2.03E-02	3.47E-04	2.06E-02	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.8E-07	2.5E-06	5.9E-07	0.0E+00	0.0E+00	3.4E-06
295	UCART1	397446.2	3767226.98	397446.15, 3767226.98	1.82602	2.3982	1.38E-02	1.29E-03	1.51E-02	5.2E-06	1.6E-05	9.2E-06	8.3E-06	3.8E-06	2.1E-07	1.9E-06	4.3E-07	0.0E+00	0.0E+00	2.5E-06
296	UCART1	397491.2	3767226.98	397491.15, 3767226.98	0.86578	2.72028	6.56E-03	1.46E-03	8.02E-03	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	1.1E-07	9.9E-07	2.3E-07	0.0E+00	0.0E+00	1.3E-06
297	UCART1	397536.2	3767226.98	397536.15, 3767226.98	0.54041	3.15075	4.09E-03	1.69E-03	5.79E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.9E-08	7.1E-07	1.7E-07	0.0E+00	0.0E+00	9.6E-07
298	UCART1	397581.2	3767226.98	397581.15, 3767226.98	0.37134	3.13556	2.81E-03	1.69E-03	4.50E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.4E-07
299	UCART1	397626.2	3767226.98	397626.15, 3767226.98	0.26765	2.79956	2.03E-03	1.51E-03	3.53E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.8E-07
300	UCART1	397671.2	3767226.98	397671.15, 3767226.98	0.20095	2.02892	1.52E-03	1.09E-03	2.61E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.3E-07
301	UCART1	397716.2	3767226.98	397716.15, 3767226.98	0.15746	1.20468	1.19E-03	6.48E-04	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.0E-07
302	UCART1	397761.2	3767226.98	397761.15, 3767226.98	0.12841	0.69598	9.73E-04	3.74E-04	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
303	UCART1	397806.2	3767226.98	397806.15, 3767226.98	0.10658	0.42426	8.07E-04	2.28E-04	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
304	UCART1	397851.2	3767226.98	397851.15, 3767226.98	0.08911	0.27801	6.75E-04	1.49E-04	8.25E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
305	UCART1	397896.2	3767226.98	397896.15, 3767226.98	0.07581	0.19513	5.74E-04	1.05E-04	6.79E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.4E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
306	UCART1	397941.2	3767226.98	397941.15, 3767226.98	0.06477	0.14355	4.91E-04	7.72E-05	5.68E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
307	UCART1	396456.2	3767271.98	396456.15, 3767271.98	0.06358	0.06077	4.82E-04	3.27E-05	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
308	UCART1	396501.2	3767271.98	396501.15, 3767271.98	0.0728	0.06941	5.52E-04	3.73E-05	5.89E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	7.3E-08	1.7E-08	0.0E+00	0.0E+00	9.7E-08
309	UCART1	396546.2	3767271.98	396546.15, 3767271.98	0.0847	0.08036	6.42E-04	4.32E-05	6.85E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	9.3E-09	8.4E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
310	UCART1	396591.2	3767271.98	396591.15, 3767271.98	0.10316	0.09678	7.82E-04	5.20E-05	8.34E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
311	UCART1	396636.2	3767271.98	396636.15, 3767271.98	0.12545	0.11575	9.50E-04	6.22E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.6E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
312	UCART1	396681.2	3767271.98	396681.15, 3767271.98	0.15801	0.14175	1.20E-03	7.62E-05	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
313	UCART2	396726.2	3767271.98	396726.15, 3767271.98	0.20539	0.17714	1.56E-03	9.52E-05	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
314	UCART3	396771.2	3767271.98	396771.15, 3767271.98	0.27425	0.22885	2.08E-03	1.23E-04	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.6E-07
315	UCART4	396816.2	3767271.98	396816.15, 3767271.98	0.38219	0.28314	2.90E-03	1.52E-04	3.05E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	3.8E-07	8.7E-08	0.0E+00	0.0E+00	5.0E-07
316	UCART5	396861.2	3767271.98	396861.15, 3767271.98	0.56985	0.34747	4.32E-03	1.87E-04	4.50E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.4E-07
317	UCART6	396906.2	3767271.98	396906.15, 3767271.98	0.83114	0.39726	6.30E-03	2.14E-04	6.51E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.9E-08	8.0E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
318	UCART7	396951.2	3767271.98	396951.15, 3767271.98	1.34625	0.46546	1.02E-02	2.50E-04	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	1.3E-06	3.0E-07	0.0E+00	0.0E+00	1.7E-06
319	UCART8	397311.2	3767271.98	397311.15, 3767271.98	8.5242	1.24966	6.46E-02	6.72E-04	6.52E-02	2.3E-05	6.8E-05	3.9E-05	3.6E-05	1.6E-05	8.9E-07	8.0E-06	1.9E-06	0.0E+00	0.0E+00	1.1E-05
320	UCART9	397356.2	3767271.98	397356.15, 3767271.98	4.93824	1.27693	3.74E-02	6.87E-04	3.81E-02	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.5E-06	5.2E-07	4.7E-06	1.1E-06	0.0E+00	0.0E+00	6.3E-06
321	UCART10	397401.2	3767271.98	397401.15, 3767271.98	2.23463	1.14731	1.69E-02	6.17E-04	1.75E-02	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.4E-07	2.2E-06	5.0E-07	0.0E+00	0.0E+00	2.9E-06
322	UCART11	397446.2	3767271.98	397446.15, 3767271.98	1.30054	1.17832	9.85E-03	6.34E-04	1.05E-02	3.6E-06	1.1E-05	6.3E-06	5.8E-06	2.6E-06	1.4E-07	1.3E-06	3.0E-07	0.0E+00	0.0E+00	1.7E-06
323	UCART12	397491.2	3767271.98	397491.15, 3767271.98	0.81966	1.33406	6.21E-03	7.17E-04	6.93E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	8.5E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
324	UCART13	397536.2	3767271.98	397536.15, 3767271.98	0.52703	1.44234	3.99E-03	7.76E-04	4.77E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	7.9E-07
325	UCART14	397581.2	3767271.98	397581.15, 3767271.98	0.35119	1.42069	2.66E-03	7.64E-04	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	4.2E-07	9.8E-08	0.0E+00	0.0E+00	5.7E-07
326	UCART15	397626.2	3767271.98	397626.15, 3767271.98	0.25987	1.37275	1.97E-03	7.38E-04	2.71E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	3.3E-07	7.7E-08	0.0E+00	0.0E+00	4.5E-07
327	UCART16	397671.2	3767271.98	397671.15, 3767271.98	0.21104	1.18998	1.60E-03	6.40E-04	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.0E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
328	UCART17	397716.2	3767271.98	397716.15, 3767271.98	0.16564	0.8615	1.25E-03	4.63E-04	1.72E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
329	UCART18	397761.2	3767271.98	397761.15, 3767271.98	0.13555	0.58729	1.03E-03	3.16E-04	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
330	UCART19	397806.2	3767271.98	397806.15, 3767271.98	0.11262	0.39911	8.53E-04	2.15E-04	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.8E-07
331	UCART20	397851.2	3767271.98	397851.15, 3767271.98	0.09392	0.27835	7.12E-04	1.50E-04	8.61E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
332	UCART21	397896.2	3767271.98	397896.15, 3767271.98	0.07922	0.20115	6.00E-04	1.08E-04	7.08E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
333	UCART22	397941.2	3767271.98	397941.15, 3767271.98	0.06789	0.15118	5.14E-04	8.13E-05	5.96E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	7.3E-08	1.7E-08	0.0E+00	0.0E+00	9.8E-08
334	UCART23	396456.2	3767316.98	396456.15, 3767316.98	0.05715	0.05383	4.33E-04	2.89E-05	4.62E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
335	UCART24	396501.2	3767316.98	396501.15, 3767316.98	0.06346	0.05964	4.81E-04	3.21E-05	5.13E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
336	UCART25	396546.2	3767316.98	396546.15, 3767316.98	0.07092	0.06649	5.37E-04	3.58E-05	5.73E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
337	UCART26	396591.2	3767316.98	396591.15, 3767316.98	0.08331	0.07734	6.31E-04	4.16E-05	6.73E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
338	UCART27	396636.2	3767316.98	396636.15, 3767316.98	0.10333	0.09384	7.83E-04	5.05E-05	8.33E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
339	UCART28	396681.2	3767316.98	396681.15, 3767316.98	0.13496	0.11796	1.02E-03	6.34E-05	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
340	UCART29	396726.2	3767316.98	396726.15, 3767316.98	0.1755	0.14568	1.33E-03	7.83E-05	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
341	UCART30	396771.2	3767316.98	396771.15, 3767316.98	0.24882	0.1951	1.89E-03	1.05E-04	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
342	UCART31	396816.2	3767316.98	396816.15, 3767316.98	0.33521	0.23758	2.54E-03	1.28E-04	2.67E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.6E-08	0.0E+00	0.0E+00	4.4E-07
343	UCART32	396861.2	3767316.98	396861.15, 3767316.98	0.47183	0.28121	3.57E-03	1.51E-04	3.73E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.1E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.2E-07
344	UCART33	396906.2	3767316.98	396906.15, 3767316.98	0.59787	0.30862	4.53E-03	1.66E-04	4.70E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	5.8E-07	1.3E-07	0.0E+00	0.0E+00	7.8E-07
345	UCART34	396951.2	3767316.98	396951.15, 3767316.98	0.88534	0.36122	6.71E-03	1.94E-04	6.90E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	8.5E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
346	UCART35	396996.2	3767316.98	396996.15, 3767316.98	1.28691	0.41491	9.75E-03	2.23E-04	9.97E-03	3.5E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.4E-07	1.2E-06	2.8E-07	0.0E+00	0.0E+00	1.6E-06
347	UCART36	397311.2	3767316.98	397311.15, 3767316.98	3.87266	0.83862	2.93E-02	4.51E-04	2.98E-02	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	4.1E-07	3.7E-06	8.5E-07	0.0E+00	0.0E+00	4.9E-06
348	UCART37	397356.2	3767316.98	397356.15, 3767316.98	2.50867	0.81042	1.90E-02	4.36E-04	1.94E-02	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.6E-07	2.4E-06	5.5E-07	0.0E+00	0.0E+00	3.2E-06
349	UCART38	397401.2	3767316.98	397401.15, 3767316.98	1.50154	0.74296	1.14E-02	3.99E-04	1.18E-02	4.1E-06	1.2E-05	7.1E-06	6.5E-06	2.9E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	1.9E-06
350	UCART39	397446.2	3767316.98	397446.15, 3767316.98	1.01477	0.7543	7.69E-03	4.06E-04	8.09E-03	2.8E-06	8.5E-06	4.9E-06	4.4E-06	2.0E-06	1.1E-07	1.0E-06	2.3E-07	0.0E+00	0.0E+00	1.3E-06
351	UCART40	397491.2	3767316.98	397491.15, 3767316.98	0.69356	0.78635	5.25E-03	4.23E-04	5.68E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	7.0E-07	1.6E-07	0.0E+00	0.0E+00	9.4E-07
352	UCART41	397536.2	3767316.98	397536.15, 3767316.98	0.47155	0.79645	3.57E-03	4.28E-04	4.00E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	4.9E-07	1.1E-07	0.0E+00	0.0E+00	6.6E-07
353	UCART42	397581.2	3767316.98	397581.15, 3767316.98	0.33221	0.78747	2.52E-03	4.23E-04	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.6E-07	8.4E-08	0.0E+00	0.0E+00	4.9E-07
354	UCART43	397626.2	3767316.98	397626.15, 3767316.98	0.24649	0.75882	1.87E-03	4.08E-04	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
355	UCART44	397671.2	3767316.98	397671.15, 3767316.98	0.20907	0.76914	1.58E-03	4.14E-04	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
356	UCART45	397716.2	3767316.98	397716.15, 3767316.98	0.17254	0.64052	1.31E-03	3.44E-04	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
357	UCART46	397761.2	3767316.98	397761.15, 3767316.98	0.13974	0.48453	1.06E-03	2.61E-04	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
358	UCART47	397806.2	3767316.98	397806.15, 3767316.98	0.11342	0.3545	8.59E-04	1.91E-04	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
359	UCART48	397851.2	3767316.98	397851.15, 3767316.98	0.0969	0.2648	7.34E-04	1.42E-04	8.76E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
360	UCART49	397896.2	3767316.98	397896.15, 3767316.98	0.08142	0.19865	6.17E-04	1.07E-04	7.24E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.8E-09	8.9E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
361	UCART50	397941.2	3767316.98	397941.15, 3767316.98	0.07063	0.15397	5.35E-04	8.28E-05	6.18E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	7.6E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
362	UCART51	396456.2	3767361.98	396456.15, 3767361.98	0.05641	0.05205	4.27E-04	2.80E-05	4.55E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
363	UCART52	396501.2	3767361.98	396501.15, 3767361.98	0.05951	0.05502	4.51E-04	2.96E-05	4.80E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
364	UCART53	396546.2	3767361.98	396546.15, 3767361.98	0.06621	0.06098	5.02E-04	3.28E-05	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
365	UCART54	396591.2	3767361.98	396591.15, 3767361.98	0.07836	0.07112	5.94E-04	3.82E-05	6.32E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	7.8E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
366	UCART55	396636.2	3767361.98	396636.15, 3767361.98	0.09502	0.08432	7.20E-04	4.53E-05	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
367	UCART56	396681.2	3767361.98	396681.15, 3767361.98	0.1247	0.10578	9.45E-04	5.69E-05	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
368	UCART57	396726.2	3767361.98	396726.15, 3767361.98	0.16718	0.13292	1.27E-03	7.15E-05	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
369	UCART58	396771.2	3767361.98	396771.15, 3767361.98	0.22302	0.16596	1.69E-03	8.92E-05	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
370	UCART59	396816.2	3767361.98	396816.15, 3767361.98	0.29187	0.20211	2.21E-03	1.09E-04	2.32E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.2E-08	2.9E-07	6.6E-08	0.0E+00	0.0E+00	3.8E-07
371	UCART60	396861.2	3767361.98	396861.15, 3767361.98	0.39294	0.23725	2.98E-03	1.28E-04	3.10E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.1E-07
372	UCART61	396906.2	3767361.98	396906.15, 3767361.98	0.49197	0.25998	3.73E-03	1.40E-04	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
373	UCART62	396951.2	3767361.98	396951.15, 3767361.98	0.63674	0.28902	4.82E-03	1.55E-04	4.98E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.2E-07
374	UCART63	396996.2	3767361.98	396996.15, 3767361.98	0.88766	0.33348	6.72E-03	1.79E-04	6.90E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	8.5E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
375	UCART64	397041.2	3767361.98	397041.15, 3767361.98	1.13111	0.3696	8.57E-03	1.99E-04	8.77E-03	3.0E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.4E-06
376	UCART65	397086.2	3767361.98	397086.15, 3767361.98	1.32221	0.39358	1.00E-02	2.12E-04	1.02E-02	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.4E-07	1.3E-06	2.9E-07	0.0E+00	0.0E+00	1.7E-06
377	UCART66	397131.2	3767361.98	397131.15, 3767361.98	1.74112	0.44127	1.32E-02	2.37E-04	1.34E-02	4.6E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	1.8E-07	1.7E-06	3.8E-07	0.0E+00	0.0E+00	2.2E-06
378	UCART67	397176.2	3767361.98	397176.15, 3767361.98	2.23516	0.4775	1.69E-02	2.57E-04	1.72E-02	6.0E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	2.3E-07	2.1E-06	4.9E-07	0.0E+00	0.0E+00	2.8E-06
379	UCART68	397221.2	3767361.98	397221.15, 3767361.98	2.7519	0.53201	2.08E-02	2.86E-04	2.11E-02	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.3E-06	2.9E-07	2.6E-06	6.0E-07	0.0E+00	0.0E+00	3.5E-06
380	UCART69	397266.2	3767361.98	397266.15, 3767361.98	2.78403	0.57907	2.11E-02	3.11E-04	2.14E-02	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	2.9E-07	2.6E-06	6.1E-07	0.0E+00	0.0E+00	3.5E-06
381	UCART70	397311.2	3767361.98	397311.15, 3767361.98	2.16712	0.57935	1.64E-02	3.12E-04	1.67E-02	5.8E-06	1.7E-05	1.0E-05	9.2E-06	4.2E-06	2.3E-07	2.1E-06	4.8E-07	0.0E+00	0.0E+00	2.8E-06
382	UCART71	397356.2	3767361.98	397356.15, 3767361.98	1.69754	0.59111	1.29E-02	3.18E-04	1.32E-02	4.6E-06	1.4E-05	8.0E-06	7.2E-06	3.3E-06	1.8E-07	1.6E-06	3.8E-07	0.0E+00	0.0E+00	2.2E-06
383	UCART72	397401.2	3767361.98	397401.15, 3767361.98	1.15377	0.55252	8.74E-03	2.97E-04	9.04E-03	3.1E-06	9.4E-06	5.5E-06	5.0E-06	2.3E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
384	UCART73	397446.2	3767361.98	397446.15, 3767361.98	0.8791	0.57475	6.66E-03	3.09E-04	6.97E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	9.5E-08	8.6E-07	2.0E-07	0.0E+00	0.0E+00	1.2E-06
385	UCART74	397491.2	3767361.98	397491.15, 3767361.98	0.64286	0.58789	4.87E-03	3.16E-04	5.19E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.1E-08	6.4E-07	1.5E-07	0.0E+00	0.0E+00	8.6E-07

386	UCART75	397536.2	3767361.98	397536.15, 3767361.98	0.4668	0.59318	3.54E-03	3.19E-04	3.86E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
387	UCART76	397581.2	3767361.98	397581.15, 3767361.98	0.3429	0.58486	2.60E-03	3.14E-04	2.91E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
388	UCART77	397626.2	3767361.98	397626.15, 3767361.98	0.25711	0.55593	1.95E-03	2.99E-04	2.25E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
389	UCART78	397671.2	3767361.98	397671.15, 3767361.98	0.20065	0.5127	1.52E-03	2.76E-04	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	3.0E-07
390	UCART79	397716.2	3767361.98	397716.15, 3767361.98	0.17169	0.47838	1.30E-03	2.57E-04	1.56E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
391	UCART80	397761.2	3767361.98	397761.15, 3767361.98	0.14141	0.39358	1.07E-03	2.12E-04	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
392	UCART81	397806.2	3767361.98	397806.15, 3767361.98	0.11295	0.30178	8.56E-04	1.62E-04	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
393	UCART82	397851.2	3767361.98	397851.15, 3767361.98	0.09748	0.24102	7.38E-04	1.30E-04	8.68E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
394	UCART83	397896.2	3767361.98	397896.15, 3767361.98	0.08309	0.18941	6.29E-04	1.02E-04	7.31E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
395	UCART84	397941.2	3767361.98	397941.15, 3767361.98	0.07081	0.14924	5.36E-04	8.02E-05	6.17E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	7.6E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
396	UCART85	396456.2	3767406.98	396456.15, 3767406.98	0.05314	0.04843	4.03E-04	2.60E-05	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
397	UCART86	396501.2	3767406.98	396501.15, 3767406.98	0.05701	0.0519	4.32E-04	2.79E-05	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
398	UCART87	396546.2	3767406.98	396546.15, 3767406.98	0.06313	0.05716	4.78E-04	3.07E-05	5.09E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.4E-08
399	UCART88	396591.2	3767406.98	396591.15, 3767406.98	0.07481	0.06651	5.67E-04	3.58E-05	6.03E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
400	UCART89	396636.2	3767406.98	396636.15, 3767406.98	0.09492	0.08142	7.19E-04	4.38E-05	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
401	UCART90	396681.2	3767406.98	396681.15, 3767406.98	0.12191	0.09966	9.24E-04	5.36E-05	9.77E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
402	UCART91	396726.2	3767406.98	396726.15, 3767406.98	0.15593	0.12052	1.18E-03	6.48E-05	1.25E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
403	UCART92	396771.2	3767406.98	396771.15, 3767406.98	0.19843	0.14451	1.50E-03	7.77E-05	1.58E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.1E-08	1.9E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
404	UCART93	396816.2	3767406.98	396816.15, 3767406.98	0.2541	0.17344	1.93E-03	9.33E-05	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.7E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.3E-07
405	UCART94	396861.2	3767406.98	396861.15, 3767406.98	0.33004	0.20123	2.50E-03	1.08E-04	2.61E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
406	UCART95	396906.2	3767406.98	396906.15, 3767406.98	0.40772	0.22131	3.09E-03	1.19E-04	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.3E-07
407	UCART96	396951.2	3767406.98	396951.15, 3767406.98	0.50657	0.24405	3.84E-03	1.31E-04	3.97E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	4.9E-07	1.1E-07	0.0E+00	0.0E+00	6.6E-07
408	UCART97	396996.2	3767406.98	396996.15, 3767406.98	0.63096	0.2675	4.78E-03	1.44E-04	4.92E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.1E-07
409	UCART98	397041.2	3767406.98	397041.15, 3767406.98	0.75419	0.2872	5.71E-03	1.54E-04	5.87E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	7.2E-07	1.7E-07	0.0E+00	0.0E+00	9.7E-07
410	UCART99	397086.2	3767406.98	397086.15, 3767406.98	0.8967	0.30914	6.79E-03	1.66E-04	6.96E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	9.5E-08	8.6E-07	2.0E-07	0.0E+00	0.0E+00	1.2E-06
411	UCART100	397131.2	3767406.98	397131.15, 3767406.98	1.11692	0.3412	8.46E-03	1.83E-04	8.64E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.4E-06
412	UCART101	397176.2	3767406.98	397176.15, 3767406.98	1.39538	0.37648	1.06E-02	2.02E-04	1.08E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.5E-07	1.3E-06	3.1E-07	0.0E+00	0.0E+00	1.8E-06
413	UCART102	397221.2	3767406.98	397221.15, 3767406.98	1.63196	0.41189	1.24E-02	2.21E-04	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.7E-07	1.6E-06	3.6E-07	0.0E+00	0.0E+00	2.1E-06
414	UCART103	397266.2	3767406.98	397266.15, 3767406.98	1.69517	0.44356	1.28E-02	2.38E-04	1.31E-02	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.8E-07	1.6E-06	3.7E-07	0.0E+00	0.0E+00	2.2E-06
415	UCART104	397311.2	3767406.98	397311.15, 3767406.98	1.53817	0.4618	1.17E-02	2.48E-04	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
416	UCART105	397356.2	3767406.98	397356.15, 3767406.98	1.27746	0.46801	9.68E-03	2.52E-04	9.93E-03	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.4E-07	1.2E-06	2.8E-07	0.0E+00	0.0E+00	1.6E-06
417	UCART106	397401.2	3767406.98	397401.15, 3767406.98	0.96088	0.44969	7.28E-03	2.42E-04	7.52E-03	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	1.0E-07	9.3E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
418	UCART107	397446.2	3767406.98	397446.15, 3767406.98	0.74947	0.45328	5.68E-03	2.44E-04	5.92E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	8.1E-08	7.3E-07	1.7E-07	0.0E+00	0.0E+00	9.8E-07
419	UCART108	397491.2	3767406.98	397491.15, 3767406.98	0.57417	0.45599	4.35E-03	2.45E-04	4.59E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.7E-07	1.3E-07	0.0E+00	0.0E+00	7.6E-07
420	UCART109	397536.2	3767406.98	397536.15, 3767406.98	0.43868	0.45705	3.32E-03	2.46E-04	3.57E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
421	UCART110	397581.2	3767406.98	397581.15, 3767406.98	0.33701	0.45166	2.55E-03	2.43E-04	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.4E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
422	UCART111	397626.2	3767406.98	397626.15, 3767406.98	0.26134	0.43369	1.98E-03	2.33E-04	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.7E-07
423	UCART112	397671.2	3767406.98	397671.15, 3767406.98	0.20429	0.39774	1.55E-03	2.14E-04	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
424	UCART113	397716.2	3767406.98	397716.15, 3767406.98	0.16429	0.35407	1.24E-03	1.90E-04	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
425	UCART114	397761.2	3767406.98	397761.15, 3767406.98	0.14408	0.3248	1.09E-03	1.75E-04	1.27E-03	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
426	UCART115	396456.2	3767451.98	396456.15, 3767451.98	0.04956	0.04482	3.75E-04	2.41E-05	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
427	UCART116	396501.2	3767451.98	396501.15, 3767451.98	0.05346	0.04822	4.05E-04	2.59E-05	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
428	UCART117	396546.2	3767451.98	396546.15, 3767451.98	0.06048	0.05397	4.58E-04	2.90E-05	4.87E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	6.0E-08	1.4E-08	0.0E+00	0.0E+00	8.1E-08
429	UCART118	396591.2	3767451.98	396591.15, 3767451.98	0.07077	0.06199	5.36E-04	3.33E-05	5.69E-04	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
430	UCART119	396636.2	3767451.98	396636.15, 3767451.98	0.08822	0.07457	6.68E-04	4.01E-05	7.08E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
431	UCART120	396681.2	3767451.98	396681.15, 3767451.98	0.11078	0.0896	8.39E-04	4.82E-05	8.87E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
432	UCART121	396726.2	3767451.98	396726.15, 3767451.98	0.13797	0.10591	1.05E-03	5.69E-05	1.10E-03	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
433	UCART122	396771.2	3767451.98	396771.15, 3767451.98	0.17654	0.12707	1.34E-03	6.83E-05	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
434	UCART123	396816.2	3767451.98	396816.15, 3767451.98	0.22193	0.15035	1.68E-03	8.08E-05	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
435	UCART124	396861.2	3767451.98	396861.15, 3767451.98	0.2776	0.1703	2.10E-03	9.16E-05	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.6E-07
436	UCART125	396906.2	3767451.98	396906.15, 3767451.98	0.33942	0.1897	2.57E-03	1.02E-04	2.67E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.6E-08	0.0E+00	0.0E+00	4.4E-07
437	UCART126	396951.2	3767451.98	396951.15, 3767451.98	0.40861	0.20763	3.10E-03	1.12E-04	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	4.0E-07	9.1E-08	0.0E+00	0.0E+00	5.3E-07
438	UCART127	396996.2	3767451.98	396996.15, 3767451.98	0.49151	0.22507	3.72E-03	1.21E-04	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
439	UCART128	397041.2	3767451.98	397041.15, 3767451.98	0.57898	0.24085	4.39E-03	1.29E-04	4.52E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.5E-07
440	UCART129	397086.2	3767451.98	397086.15, 3767451.98	0.68506	0.25941	5.19E-03	1.39E-04	5.33E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.8E-07
441	UCART130	397131.2	3767451.98	397131.15, 3767451.98	0.81213	0.28033	6.15E-03	1.51E-04	6.30E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	7.8E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
442	UCART131	397176.2	3767451.98	397176.15, 3767451.98	0.96027	0.30426	7.27E-03	1.64E-04	7.44E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	9.2E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
443	UCART132	397221.2	3767451.98	397221.15, 3767451.98	1.10705	0.33275	8.39E-03	1.79E-04	8.57E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	1.1E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
444	UCART133	397266.2	3767451.98	397266.15, 3767451.98	1.15689	0.35499	8.76E-03	1.91E-04	8.96E-03	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
445	UCART134	397311.2	3767451.98	397311.15, 3767451.98	1.11184	0.37312	8.42E-03	2.01E-04	8.62E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.4E-06
446	UCART135	397356.2	3767451.98	397356.15, 3767451.98	0.97528	0.37906	7.39E-03	2.04E-04	7.59E-03	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	1.0E-07	9.4E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
447	UCART136	397401.2	3767451.98	397401.15, 3767451.98	0.78728	0.36971	5.96E-03	1.99E-04	6.16E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	8.4E-08	7.6E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
448	UCART137	397446.2	3767451.98	397446.15, 3767451.98	0.63613	0.36832	4.82E-03	1.98E-04	5.02E-03	1.7E-06	5.2E-06	3.0E-06	2.8E-06	1.3E-06	6.8E-08	6.2E-07	1.4E-07	0.0E+00	0.0E+00	8.3E-07
449	UCART138	397491.2	3767451.98	397491.15, 3767451.98	0.50985	0.36916	3.86E-03	1.98E-04	4.06E-03	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	5.5E-08	5.0E-07	1.2E-07	0.0E+00	0.0E+00	6.7E-07
450	UCART139	397536.2	3767451.98	397536.15, 3767451.98	0.40491	0.36762	3.07E-03	1.98E-04	3.27E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.4E-08	4.0E-07	9.3E-08	0.0E+00	0.0E+00	5.4E-07
451	UCART140	397581.2	3767451.98	397581.15, 3767451.98	0.32272	0.36319	2.44E-03	1.95E-04	2.64E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.3E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
452	UCART141	397626.2	3767451.98	397626.15, 3767451.98	0.25678	0.34893	1.95E-03	1.88E-04	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.1E-08	0.0E+00	0.0E+00	3.5E-07
453	UCART142	397671.2	3767451.98	397671.15, 3767451.98	0.20585	0.3252	1.56E-03	1.75E-04	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.4E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.9E-07
454	UCART143	397716.2	3767451.98	397716.15, 3767451.98	0.16693	0.29331	1.26E-03	1.58E-04	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
455	UCART144	397761.2	3767451.98	397761.15, 3767451.98	0.13885	0.26	1.05E-03	1.40E-04	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
456	UCART145	396456.2	3767496.98	396456.15, 3767496.98	0.04644	0.04177	3.52E-04	2.25E-05	3.74E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
457	UCART146	396501.2	3767496.98	396501.15, 3767496.98	0.0508	0.04542	3.85E-04	2.44E-05	4.09E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	5.0E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
458	UCART147	396546.2	3767496.98	396546.15, 3767496.98	0.05767	0.0509	4.37E-04	2.74E-05	4.64E-04	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.7E-08
459	UCART148	396591.2	3767496.98	396591.15, 3767496.98	0.06807	0.05873	5.16E-04	3.16E-05	5.47E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.6E-08	0.0E+00	0.0E+00	9.0E-08
460	UCART149	396636.2	3767496.98	396636.15, 3767496.98	0.0803	0.06747	6.08E-04	3.63E-05	6.45E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
461	UCART150	396681.2	3767496.98	396681.15, 3767496.98	0.09388	0.07666	7.11E-04	4.12E-05	7.52E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	9.3E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
462	UCART151	396726.2	3767496.98	396726.15, 3767496.98	0.11507	0.08975	8.72E-04	4.83E-05	9.20E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.3E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
463	UCART152	396771.2	3767496.98	396771.15, 3767496.98	0.15591	0.11192	1.18E-03	6.02E-05	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.1E-07
464	UCART153	396816.2	3767496.98	396816.15, 3767496.98	0.19478	0.13213	1.48E-03	7.10E-05	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
465	UCART154	396861.2	3767496.98	396861.15, 3767496.98	0.23913	0.14927	1.81E-03	8.03E-05	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
466	UCART155	396906.2	3767496.98	396906.15, 3767496.98	0.28601	0.16443	2.17E-03	8.84E-05	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
467	UCART156	396951.2	3767496.98	396951.15, 3767496.98	0.33684	0.17894	2.55E-03	9.62E-05	2.65E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.6E-08	3.3E-07	7.6E-08	0.0E+00	0.0E+00	4.4E-07
468	UCART157	396996.2	3767496.98	396996.15, 3767496.98	0.40022	0.19422	3.03E-03	1.04E-04	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.3E-08	3.9E-07	8.9E-08	0.0E+00	0.0E+00	5.2E-07
469	UCART158	397041.2	3767496.98	397041.15, 3767496.98	0.46179	0.2063	3.50E-03	1.11E-04	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07
470	UCART159	397086.2	3767496.98	397086.15, 3767496.98	0.53215	0.21947	4.03E-03	1.18E-04	4.15E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	5.1E-07	1.2E-07	0.0E+00	0.0E+00	6.9E-07
471	UCART160	397131.2	3767496.98	397131.15, 3767496.98	0.61974	0.23619	4.70E-03	1.27E-04	4.82E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.6E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	8.0E-07
472	UCART161	397176.2	3767496.98	397176.15, 3767496.98	0.716	0.25505	5.42E-03	1.37E-04	5.56E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	6.9E-07	1.6E-07	0.0E+00	0.0E+00	9.2E-07
473	UCART162	397221.2	3767496.98	397221.15, 3767496.98	0.80068	0.2747	6.07E-03	1.48E-04	6.21E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.4E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
474	UCART163	397266.2	3767496.98	397266.15, 3767496.98	0.84446	0.29286	6.40E-03	1.57E-04	6.55E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	8.9E-08	8.1E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
475	UCART164	397311.2	3767496.98	397311.15, 3767496.98	0.82765	0.30606	6.27E-03	1.65E-04	6.43E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.8E-08	7.9E-07	1.8E-07	0.0E+00	0.0E+00	1.1E-06
476	UCART165	397356.2	3767496.98	397356.15, 3767496.98	0.76838	0.3168	5.82E-03	1.70E-04	5.99E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.1E-08	7.4E-07	1.7E-07	0.0E+00	0.0E+00	9.9E-07
477	UCART166	397401.2	3767496.98	397401.15, 3767496.98	0.65734	0.31387	4.98E-03	1.69E-04	5.15E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	6.3E-07	1.5E-07	0.0E+00	0.0E+00	8.5E-07
478	UCART167	397446.2	3767496.98	397446.15, 3767496.98	0.54797	0.31054	4.15E-03	1.67E-04	4.32E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
479	UCART168	397491.2	3767496.98	397491.15, 3767496.98	0.44746	0.30547	3.39E-03	1.64E-04	3.55E-03	1.2E-06	3.7E-06	2.2E-06	1.9E-06	8.9E-07	4.8E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
480	UCART169	397536.2	3767496.98	397536.15, 3767496.98	0.36706	0.30292	2.78E-03	1.63E-04	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.6E-07	8.4E-08	0.0E+00	0.0E+00	4.9E-07
481	UCART170	397581.2	3767496.98	397581.15, 3767496.98	0.30188	0.29925	2.29E-03	1.61E-04	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
482	UCART171	397626.2	3767496.98	397626.15, 3767496.98	0.24666	0.28853	1.87E-03	1.55E-04	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.3E-07
483	UCART172	397671.2	3767496.98	397671.15, 3767496.98	0.20225	0.27165	1.53E-03	1.46E-04	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
484	UCART173	397716.2	3767496.98	397716.15, 3767496.98	0.16691	0.24905	1.26E-03	1.34E-04	1.40E-03	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
485	UCART174	397761.2	3767496.98	397761.15, 3767496.98	0.14112	0.22622	1.07E-03	1.22E-04	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
486	UCART175	396456.2	3767541.98	396456.15, 3767541.98	0.04548	0.04047	3.45E-04	2.18E-05	3.66E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
487	UCART176	396501.2	3767541.98	396501.15, 3767541.98	0.04936	0.04367	3.74E-04	2.35E-05	3.97E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
488	UCART177	396546.2	3767541.98	396546.15, 3767541.98	0.05476	0.04794	4.15E-04	2.58E-05	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
489	UCART178	396591.2	3767541.98	396591.15, 3767541.98	0.06253	0.05378	4.74E-04	2.89E-05	5.03E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.3E-08
490	UCART179	396636.2	3767541.98	396636.15, 3767541.98	0.06998	0.05923	5.30E-04	3.18E-05	5.62E-04	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.3E-08
491	UCART180	396681.2	3767541.98	396681.15, 3767541.98	0.08044	0.06642	6.09E-04	3.57E-05	6.45E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
492	UCART181	396726.2	3767541.98	396726.15, 3767541.98	0.10118	0.07925	7.67E-04	4.26E-05	8.09E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.3E-07
493	UCART182	396771.2	3767541.98	396771.15, 3767541.98	0.14286	0.10269	1.08E-03	5.52E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
494	UCART183	396816.2	3767541.98	396816.15, 3767541.98	0.17163	0.11673	1.30E-03	6.28E-05	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	1.9E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.3E-07
495	UCART184	396861.2	3767541.98	396861.15, 3767541.98	0.20089	0.12787	1.52E-03	6.88E-05	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	2.0E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
496	UCART185	396906.2	3767541.98	396906.15, 3767541.98	0.24515	0.14454	1.86E-03	7.77E-05	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
497	UCART186	396951.2	3767541.98	396951.15, 3767541.98	0.28535	0.15711	2.16E-03	8.45E-05	2.25E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
498	UCART187	396996.2	3767541.98	396996.15, 3767541.98	0.33493	0.17048	2.54E-03	9.17E-05	2.63E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.3E-07
499	UCART188	397041.2	3767541.98	397041.15, 3767541.98	0.37541	0.17851	2.84E-03	9.60E-05	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.6E-07	8.4E-08	0.0E+00	0.0E+00	4.9E-07
500	UCART189	397086.2	3767541.98	397086.15, 3767541.98	0.43369	0.19144	3.29E-03	1.03E-04	3.39E-03	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	4.2E-07	9.7E-08	0.0E+00	0.0E+00	5.6E-07
501	UCART190	397131.2	3767541.98	397131.15, 3767541.98	0.48843	0.20249	3.70E-03	1.09E-04	3.81E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
502	UCART191	397176.2	3767541.98	397176.15, 3767541.98	0.54722	0.21535	4.15E-03	1.16E-04	4.26E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.2E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
503	UCART192	397221.2	3767541.98	397221.15, 3767541.98	0.6053	0.23085	4.59E-03	1.24E-04	4.71E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	5.8E-07	1.3E-07	0.0E+00	0.0E+00	7.8E-07
504	UCART193	397266.2	3767541.98	397266.15, 3767541.98	0.63908	0.24507	4.84E-03	1.32E-04	4.97E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.2E-07
505	UCART194	397311.2	3767541.98	397311.15, 3767541.98	0.64026	0.25716	4.85E-03	1.38E-04	4.99E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.2E-07
506	UCART195	397356.2	3767541.98	397356.15, 3767541.98	0.60782	0.26556	4.60E-03	1.43E-04	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	5.8E-07	1.4E-07	0.0E+00	0.0E+00	7.8E-07
507	UCART196	397401.2	3767541.98	397401.15, 3767541.98	0.54985	0.26958	4.17E-03	1.45E-04	4.31E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
508	UCART197	397446.2	3767541.98	397446.15, 3767541.98	0.45605	0.2577	3.45E-03	1.39E-04	3.59E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
509	UCART198	397491.2	3767541.98	397491.15, 3767541.98	0.38848	0.25599	2.94E-03	1.38E-04	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
510	UCART199	397536.2	3767541.98	397536.15, 3767541.98	0.32837	0.25387	2.49E-03	1.36E-04	2.62E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.3E-07
511	UCART200	397581.2	3767541.98	397581.15, 3767541.98	0.27779	0.25124	2.10E-03	1.35E-04	2.24E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.0E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
512	UCART201	397626.2	3767541.98	397626.15, 3767541.98	0.23236	0.24295	1.76E-03	1.31E-04	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
513	UCART202	397671.2	3767541.98	397671.15, 3767541.98	0.19333	0.22908	1.46E-03	1.23E-04	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	2.0E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
514	UCART203	397716.2	3767541.98	397716.15, 3767541.98	0.16214	0.21237	1.23E-03	1.14E-04	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
515	UCART204	397761.2	3767541.98	397761.15, 3767541.98	0.13909	0.19616	1.05E-03	1.05E-04	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
516	UCART205	396456.2	3767586.98	396456.15, 3767586.98	0.04323	0.03832	3.28E-04	2.06E-05	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	4.3E-08	9.9E-09	0.0E+00	0.0E+00	5.8E-08
517	UCART206	396501.2	3767586.98	396501.15, 3767586.98	0.04679	0.04121	3.54E-04	2.22E-05	3.77E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08

518	UCART207	396546.2	3767586.98	396546.15, 3767586.98	0.05136	0.04479	3.89E-04	2.41E-05	4.13E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
519	UCART208	396591.2	3767586.98	396591.15, 3767586.98	0.05742	0.04934	4.35E-04	2.65E-05	4.62E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
520	UCART209	396636.2	3767586.98	396636.15, 3767586.98	0.06525	0.05493	4.94E-04	2.95E-05	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
521	UCART210	396681.2	3767586.98	396681.15, 3767586.98	0.07612	0.06218	5.77E-04	3.34E-05	6.10E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
522	UCART211	396726.2	3767586.98	396726.15, 3767586.98	0.10403	0.07877	7.88E-04	4.24E-05	8.30E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
523	UCART212	396771.2	3767586.98	396771.15, 3767586.98	0.12848	0.09241	9.73E-04	4.97E-05	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
524	UCART213	396816.2	3767586.98	396816.15, 3767586.98	0.1477	0.10126	1.12E-03	5.44E-05	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
525	UCART214	396861.2	3767586.98	396861.15, 3767586.98	0.17076	0.11137	1.29E-03	5.99E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.2E-07
526	UCART215	396906.2	3767586.98	396906.15, 3767586.98	0.20362	0.12444	1.54E-03	6.69E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
527	UCART216	396951.2	3767586.98	396951.15, 3767586.98	0.23103	0.13332	1.75E-03	7.17E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
528	UCART217	396996.2	3767586.98	396996.15, 3767586.98	0.27574	0.14748	2.09E-03	7.93E-05	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
529	UCART218	397041.2	3767586.98	397041.15, 3767586.98	0.3154	0.15782	2.39E-03	8.49E-05	2.47E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.0E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
530	UCART219	397086.2	3767586.98	397086.15, 3767586.98	0.35613	0.16749	2.70E-03	9.01E-05	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.4E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
531	UCART220	397131.2	3767586.98	397131.15, 3767586.98	0.39601	0.17646	3.00E-03	9.49E-05	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
532	UCART221	397176.2	3767586.98	397176.15, 3767586.98	0.43507	0.1858	3.30E-03	9.99E-05	3.40E-03	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	4.2E-07	9.7E-08	0.0E+00	0.0E+00	5.6E-07
533	UCART222	397221.2	3767586.98	397221.15, 3767586.98	0.46804	0.19524	3.55E-03	1.05E-04	3.65E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	5.0E-08	4.5E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07
534	UCART223	397266.2	3767586.98	397266.15, 3767586.98	0.49591	0.20703	3.76E-03	1.11E-04	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
535	UCART224	397311.2	3767586.98	397311.15, 3767586.98	0.4985	0.21543	3.78E-03	1.16E-04	3.89E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
536	UCART225	397356.2	3767586.98	397356.15, 3767586.98	0.48549	0.22388	3.68E-03	1.20E-04	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
537	UCART226	397401.2	3767586.98	397401.15, 3767586.98	0.44998	0.22763	3.41E-03	1.22E-04	3.53E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.8E-07
538	UCART227	397446.2	3767586.98	397446.15, 3767586.98	0.38422	0.21844	2.91E-03	1.17E-04	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	3.7E-07	8.6E-08	0.0E+00	0.0E+00	5.0E-07
539	UCART228	397491.2	3767586.98	397491.15, 3767586.98	0.33866	0.2188	2.57E-03	1.18E-04	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.7E-08	0.0E+00	0.0E+00	4.4E-07
540	UCART229	397536.2	3767586.98	397536.15, 3767586.98	0.29323	0.21693	2.22E-03	1.17E-04	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
541	UCART230	397581.2	3767586.98	397581.15, 3767586.98	0.25253	0.21384	1.91E-03	1.15E-04	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
542	UCART231	397626.2	3767586.98	397626.15, 3767586.98	0.21591	0.20763	1.64E-03	1.12E-04	1.75E-03	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
543	UCART232	397671.2	3767586.98	397671.15, 3767586.98	0.18229	0.19622	1.38E-03	1.06E-04	1.49E-03	5.1E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.5E-07
544	UCART233	397716.2	3767586.98	397716.15, 3767586.98	0.15546	0.18377	1.18E-03	9.88E-05	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
545	UCART234	397761.2	3767586.98	397761.15, 3767586.98	0.13427	0.1707	1.02E-03	9.18E-05	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
546	UCART235	396456.2	3767631.98	396456.15, 3767631.98	0.03951	0.03517	2.99E-04	1.89E-05	3.18E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.3E-09	3.9E-08	9.1E-09	0.0E+00	0.0E+00	5.3E-08
547	UCART236	396501.2	3767631.98	396501.15, 3767631.98	0.04349	0.03832	3.29E-04	2.06E-05	3.50E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	4.3E-08	1.0E-08	0.0E+00	0.0E+00	5.8E-08
548	UCART237	396546.2	3767631.98	396546.15, 3767631.98	0.04836	0.04204	3.66E-04	2.26E-05	3.89E-04	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.7E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
549	UCART238	396591.2	3767631.98	396591.15, 3767631.98	0.05446	0.04652	4.13E-04	2.50E-05	4.38E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.2E-08	0.0E+00	0.0E+00	7.2E-08
550	UCART239	396636.2	3767631.98	396636.15, 3767631.98	0.06254	0.05213	4.74E-04	2.80E-05	5.02E-04	1.7E-07	5.2E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.3E-08
551	UCART240	396681.2	3767631.98	396681.15, 3767631.98	0.07843	0.0623	5.94E-04	3.35E-05	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
552	UCART241	396726.2	3767631.98	396726.15, 3767631.98	0.09928	0.07453	7.52E-04	4.01E-05	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
553	UCART242	396771.2	3767631.98	396771.15, 3767631.98	0.11331	0.08204	8.58E-04	4.41E-05	9.03E-04	3.1E-07	9.4E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
554	UCART243	396816.2	3767631.98	396816.15, 3767631.98	0.12299	0.08686	9.32E-04	4.67E-05	9.78E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
555	UCART244	396861.2	3767631.98	396861.15, 3767631.98	0.14478	0.097	1.10E-03	5.22E-05	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
556	UCART245	396906.2	3767631.98	396906.15, 3767631.98	0.16915	0.10711	1.28E-03	5.76E-05	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
557	UCART246	396951.2	3767631.98	396951.15, 3767631.98	0.19048	0.11453	1.44E-03	6.16E-05	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.0E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
558	UCART247	396996.2	3767631.98	396996.15, 3767631.98	0.2225	0.12539	1.69E-03	6.74E-05	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
559	UCART248	397041.2	3767631.98	397041.15, 3767631.98	0.2579	0.13634	1.95E-03	7.33E-05	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
560	UCART249	397086.2	3767631.98	397086.15, 3767631.98	0.29203	0.14582	2.21E-03	7.84E-05	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
561	UCART250	397131.2	3767631.98	397131.15, 3767631.98	0.32471	0.1544	2.46E-03	8.30E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
562	UCART251	397176.2	3767631.98	397176.15, 3767631.98	0.34732	0.15971	2.63E-03	8.59E-05	2.72E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	3.3E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
563	UCART252	397221.2	3767631.98	397221.15, 3767631.98	0.37024	0.16674	2.80E-03	8.97E-05	2.89E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.9E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
564	UCART253	397266.2	3767631.98	397266.15, 3767631.98	0.39157	0.17597	2.97E-03	9.46E-05	3.06E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.7E-08	0.0E+00	0.0E+00	5.1E-07
565	UCART254	397311.2	3767631.98	397311.15, 3767631.98	0.39898	0.18377	3.02E-03	9.88E-05	3.12E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.2E-07
566	UCART255	397356.2	3767631.98	397356.15, 3767631.98	0.39304	0.19048	2.98E-03	1.02E-04	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
567	UCART256	397401.2	3767631.98	397401.15, 3767631.98	0.37229	0.19444	2.82E-03	1.05E-04	2.92E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
568	UCART257	397446.2	3767631.98	397446.15, 3767631.98	0.3294	0.1894	2.50E-03	1.02E-04	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
569	UCART258	397491.2	3767631.98	397491.15, 3767631.98	0.2947	0.18876	2.23E-03	1.01E-04	2.33E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
570	UCART259	397536.2	3767631.98	397536.15, 3767631.98	0.25998	0.18692	1.97E-03	1.01E-04	2.07E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.5E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
571	UCART260	397581.2	3767631.98	397581.15, 3767631.98	0.22755	0.18388	1.72E-03	9.89E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
572	UCART261	397626.2	3767631.98	397626.15, 3767631.98	0.19827	0.17916	1.50E-03	9.63E-05	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
573	UCART262	397671.2	3767631.98	397671.15, 3767631.98	0.17096	0.17097	1.30E-03	9.19E-05	1.39E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
574	UCART263	397716.2	3767631.98	397716.15, 3767631.98	0.14795	0.16136	1.12E-03	8.68E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
575	UCART264	397761.2	3767631.98	397761.15, 3767631.98	0.129	0.15088	9.77E-04	8.11E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
576	UCART265	396456.2	3767676.98	396456.15, 3767676.98	0.03733	0.0332	2.83E-04	1.79E-05	3.01E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	3.7E-08	8.6E-09	0.0E+00	0.0E+00	5.0E-08
577	UCART266	396501.2	3767676.98	396501.15, 3767676.98	0.0412	0.03622	3.12E-04	1.95E-05	3.32E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	4.1E-08	9.5E-09	0.0E+00	0.0E+00	5.5E-08
578	UCART267	396546.2	3767676.98	396546.15, 3767676.98	0.04609	0.03989	3.49E-04	2.14E-05	3.71E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.0E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.1E-08
579	UCART268	396591.2	3767676.98	396591.15, 3767676.98	0.0517	0.04395	3.92E-04	2.36E-05	4.15E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
580	UCART269	396636.2	3767676.98	396636.15, 3767676.98	0.06161	0.05063	4.67E-04	2.72E-05	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.2E-08
581	UCART270	396681.2	3767676.98	396681.15, 3767676.98	0.07815	0.0609	5.92E-04	3.27E-05	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
582	UCART271	396726.2	3767676.98	396726.15, 3767676.98	0.08978	0.06772	6.80E-04	3.64E-05	7.17E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
583	UCART272	396771.2	3767676.98	396771.15, 3767676.98	0.09888	0.0728	7.49E-04	3.91E-05	7.88E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
584	UCART273	396816.2	3767676.98	396816.15, 3767676.98	0.10613	0.07638	8.04E-04	4.11E-05	8.45E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
585	UCART274	396861.2	3767676.98	396861.15, 3767676.98	0.11974	0.08289	9.07E-04	4.46E-05	9.52E-04	3.3E-07	9.9E-07	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
586	UCART275	396906.2	3767676.98	396906.15, 3767676.98	0.13098	0.08746	9.92E-04	4.70E-05	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
587	UCART276	396951.2	3767676.98	396951.15, 3767676.98	0.15244	0.09619	1.15E-03	5.17E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
588	UCART277	396996.2	3767676.98	396996.15, 3767676.98	0.17937	0.10635	1.36E-03	5.72E-05	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
589	UCART278	397041.2	3767676.98	397041.15, 3767676.98	0.20991	0.11703	1.59E-03	6.29E-05	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
590	UCART279	397086.2	3767676.98	397086.15, 3767676.98	0.2407	0.127	1.82E-03	6.83E-05	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
591	UCART280	397131.2	3767676.98	397131.15, 3767676.98	0.27024	0.13613	2.05E-03	7.32E-05	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
592	UCART281	397176.2	3767676.98	397176.15, 3767676.98	0.28799	0.14077	2.18E-03	7.57E-05	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
593	UCART282	397221.2	3767676.98	397221.15, 3767676.98	0.30227	0.14521	2.29E-03	7.81E-05	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	3.9E-07
594	UCART283	397266.2	3767676.98	397266.15, 3767676.98	0.31263	0.15002	2.37E-03	8.07E-05	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
595	UCART284	397311.2	3767676.98	397311.15, 3767676.98	0.3242	0.15806	2.46E-03	8.50E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
596	UCART285	397356.2	3767676.98	397356.15, 3767676.98	0.32402	0.16434	2.45E-03	8.84E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
597	UCART286	397401.2	3767676.98	397401.15, 3767676.98	0.3131	0.16874	2.37E-03	9.07E-05	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.1E-07
598	UCART287	397446.2	3767676.98	397446.15, 3767676.98	0.28342	0.16545	2.15E-03	8.90E-05	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.0E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
599	UCART288	397491.2	3767676.98	397491.15, 3767676.98	0.2536	0.16238	1.92E-03	8.73E-05	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
600	UCART289	397536.2	3767676.98	397536.15, 3767676.98	0.23031	0.1627	1.74E-03	8.75E-05	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
601	UCART290	397581.2	3767676.98	397581.15, 3767676.98	0.20565	0.16077	1.56E-03	8.64E-05	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
602	UCART291	397626.2	3767676.98	397626.15, 3767676.98	0.18173	0.15679	1.38E-03	8.43E-05	1.46E-03	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
603	UCART292	397671.2	3767676.98	397671.15, 3767676.98	0.15973	0.15096	1.21E-03	8.12E-05	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
604	UCART293	397716.2	3767676.98	397716.15, 3767676.98	0.14015	0.14346	1.06E-03	7.71E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.9E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
605	UCART294	397761.2	3767676.98	397761.15, 3767676.98	0.12366	0.13526	9.37E-04	7.27E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07

OPERATIONAL RISK (UNMITIGATED)

OPERATIONAL RISK (UNMITIGATED)

Unmitigated
200 hours
1.97E-03

	Discrete Receptor ID	X	Y	X, Y	Operations Concentration (AVERAGE C	Concentration (AVERAGE CONC) [ug/m^3]		Residential Dose					Risk by Age Group					
					Generators	Generators	Unmitigated Total	3rd Tri	0<2	2<9	9<16	16<30	3rd Tri	0<2	2<9	9<16	16<30	Total Risk
1	UCART1	396558.26	3766771.08	396558.26, 3766771.08	0.37381	7.38E-04	7.38E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	8.5E-09	2.1E-07	1.1E-07	9.6E-08	2.9E-08	4.5E-07
2	UCART1	396598.26	3766771.08	396598.26, 3766771.08	0.45613	9.00E-04	9.00E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.3E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.4E-07
3	UCART1	396638.26	3766771.08	396638.26, 3766771.08	0.57471	1.13E-03	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
4	UCART1	396678.26	3766771.08	396678.26, 3766771.08	0.70039	1.38E-03	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
5	UCART1	396718.26	3766771.08	396718.26, 3766771.08	0.84771	1.67E-03	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
6	UCART1	396758.26	3766771.08	396758.26, 3766771.08	0.97286	1.92E-03	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
7	UCART1	396798.26	3766771.08	396798.26, 3766771.08	1.01496	2.00E-03	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	7.9E-08	1.2E-06
8	UCART1	396838.26	3766771.08	396838.26, 3766771.08	1.06081	2.09E-03	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.3E-08	1.3E-06
9	UCART1	396878.26	3766771.08	396878.26, 3766771.08	1.05727	2.09E-03	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.2E-08	1.3E-06
10	UCART1	396918.26	3766771.08	396918.26, 3766771.08	0.99795	1.97E-03	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
11	UCART1	396958.26	3766771.08	396958.26, 3766771.08	0.88966	1.76E-03	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.0E-08	4.9E-07	2.5E-07	2.3E-07	6.9E-08	1.1E-06
12	UCART1	396998.26	3766771.08	396998.26, 3766771.08	0.73838	1.46E-03	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.8E-07
13	UCART1	397038.26	3766771.08	397038.26, 3766771.08	0.57771	1.14E-03	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
14	UCART1	397078.26	3766771.08	397078.26, 3766771.08	0.43484	8.58E-04	8.58E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
15	UCART1	397118.26	3766771.08	397118.26, 3766771.08	0.32516	6.42E-04	6.42E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.2E-08	8.4E-08	2.5E-08	3.9E-07
16	UCART1	397158.26	3766771.08	397158.26, 3766771.08	0.24764	4.89E-04	4.89E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.6E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
17	UCART1	397198.26	3766771.08	397198.26, 3766771.08	0.20363	4.02E-04	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	1.1E-07	5.8E-08	5.2E-08	1.6E-08	2.4E-07
18	UCART1	397238.26	3766771.08	397238.26, 3766771.08	0.18505	3.65E-04	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.3E-08	4.8E-08	1.4E-08	2.2E-07
19	UCART1	397278.26	3766771.08	397278.26, 3766771.08	0.18079	3.57E-04	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	1.0E-07	5.1E-08	4.7E-08	1.4E-08	2.2E-07
20	UCART1	397318.26	3766771.08	397318.26, 3766771.08	0.1835	3.62E-04	3.62E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
21	UCART1	397358.26	3766771.08	397358.26, 3766771.08	0.18464	3.64E-04	3.64E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
22	UCART1	397398.26	3766771.08	397398.26, 3766771.08	0.18314	3.61E-04	3.61E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
23	UCART1	397438.26	3766771.08	397438.26, 3766771.08	0.17768	3.51E-04	3.51E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	9.8E-08	5.0E-08	4.6E-08	1.4E-08	2.1E-07
24	UCART1	397478.26	3766771.08	397478.26, 3766771.08	0.16951	3.35E-04	3.35E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	9.3E-08	4.8E-08	4.4E-08	1.3E-08	2.0E-07
25	UCART1	397518.26	3766771.08	397518.26, 3766771.08	0.15989	3.16E-04	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	8.8E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
26	UCART1	397558.26	3766771.08	397558.26, 3766771.08	0.1518	3.00E-04	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
27	UCART1	397598.26	3766771.08	397598.26, 3766771.08	0.14916	2.94E-04	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
28	UCART1	397638.26	3766771.08	397638.26, 3766771.08	0.13768	2.72E-04	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
29	UCART1	397678.26	3766771.08	397678.26, 3766771.08	0.12613	2.49E-04	2.49E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	7.0E-08	3.6E-08	3.2E-08	9.8E-09	1.5E-07
30	UCART1	397718.26	3766771.08	397718.26, 3766771.08	0.11446	2.26E-04	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.9E-09	1.4E-07
31	UCART1	396558.26	3766811.08	396558.26, 3766811.08	0.366	7.22E-04	7.22E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.4E-08	2.9E-08	4.4E-07
32	UCART1	396598.26	3766811.08	396598.26, 3766811.08	0.44207	8.73E-04	8.73E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	1.3E-07	1.1E-07	3.4E-08	5.3E-07
33	UCART1	396638.26	3766811.08	396638.26, 3766811.08	0.56144	1.11E-03	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.4E-08	6.7E-07
34	UCART1	396678.26	3766811.08	396678.26, 3766811.08	0.72373	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
35	UCART1	396718.26	3766811.08	396718.26, 3766811.08	0.8663	1.71E-03	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.2E-07	6.7E-08	1.0E-06
36	UCART1	396758.26	3766811.08	396758.26, 3766811.08	0.98862	1.95E-03	1.95E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
37	UCART1	396798.26	3766811.08	396798.26, 3766811.08	1.1066	2.18E-03	2.18E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
38	UCART1	396838.26	3766811.08	396838.26, 3766811.08	1.21465	2.40E-03	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.4E-07	3.1E-07	9.5E-08	1.4E-06
39	UCART1	396878.26	3766811.08	396878.26, 3766811.08	1.24693	2.46E-03	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	2.8E-08	6.9E-07	3.5E-07	3.2E-07	9.7E-08	1.5E-06
40	UCART1	396918.26	3766811.08	396918.26, 3766811.08	1.21803	2.40E-03	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.5E-07	3.1E-07	9.5E-08	1.5E-06
41	UCART1	396958.26	3766811.08	396958.26, 3766811.08	1.1105	2.19E-03	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.2E-07	2.9E-07	8.7E-08	1.3E-06
42	UCART1	396998.26	3766811.08	396998.26, 3766811.08	0.94657	1.87E-03	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.2E-07	2.7E-07	2.4E-07	7.4E-08	1.1E-06
43	UCART1	397038.26	3766811.08	397038.26, 3766811.08	0.74506	1.47E-03	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
44	UCART1	397078.26	3766811.08	397078.26, 3766811.08	0.55661	1.10E-03	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
45	UCART1	397118.26	3766811.08	397118.26, 3766811.08	0.40679	8.03E-04	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.2E-07	1.2E-07	1.0E-07	3.2E-08	4.9E-07
46	UCART1	397158.26	3766811.08	397158.26, 3766811.08	0.30374	6.00E-04	6.00E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	1.7E-07	8.6E-08	7.8E-08	2.4E-08	3.6E-07
47	UCART1	397198.26	3766811.08	397198.26, 3766811.08	0.24463	4.83E-04	4.83E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.6E-09	1.3E-07	6.9E-08	6.3E-08	1.9E-08	2.9E-07
48	UCART1	397238.26	3766811.08	397238.26, 3766811.08	0.22013	4.34E-04	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.7E-08	1.7E-08	2.6E-07
49	UCART1	397278.26	3766811.08	397278.26, 3766811.08	0.21232	4.19E-04	4.19E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.5E-08	1.7E-08	2.5E-07
50	UCART1	397318.26	3766811.08	397318.26, 3766811.08	0.21085	4.16E-04	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.4E-08	1.6E-08	2.5E-07
51	UCART1	397358.26	3766811.08	397358.26, 3766811.08	0.21101	4.16E-04	4.16E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.4E-08	1.6E-08	2.5E-07
52	UCART1	397398.26	3766811.08	397398.26, 3766811.08	0.207	4.09E-04	4.09E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
53	UCART1	397438.26	3766811.08	397438.26, 3766811.08	0.19878	3.92E-04	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
54	UCART1	397478.26	3766811.08	397478.26, 3766811.08	0.18804	3.71E-04	3.71E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
55	UCART1	397518.26	3766811.08	397518.26, 3766811.08	0.17634	3.48E-04	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
56	UCART1	397558.26	3766811.08	397558.26, 3766811.08	0.16395	3.24E-04	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	9.0E-08	4.7E-08	4.2E-08	1.3E-08	2.0E-07
57	UCART1	397598.26	3766811.08	397598.26, 3766811.08	0.15468	3.05E-04	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.5E-08	4.4E-08	4.0E-08	1.2E-08	1.8E-07
58	UCART1	397638.26	3766811.08	397638.26, 3766811.08	0.14922	2.95E-04	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
59	UCART1	397678.26	3766811.08	397678.26, 3766811.08	0.13729	2.71E-04	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
60	UCART1	397718.26	3766811.08	397718.26, 3766811.08	0.12443	2.46E-04	2.46E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	6.9E-08	3.5E-08	3.2E-08	9.7E-09	1.5E-07
61	UCART1	396558.26	3766851.08	396558.26, 3766851.08	0.35143	6.94E-04	6.94E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.0E-08	2.7E-08	4.2E-07
62	UCART1	396598.26	3766851.08	396598.26, 3766851.08	0.42458	8.38E-04	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
63	UCART1	396638.26	3766851.08	396638.26, 3766851.08	0.52702	1.04E-03	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
64	UCART1	396678.26	3766851.08	396678.26, 3766851.08	0.67057	1.32E-03	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	8.0E-07
65	UCART1	396718.26	3766851.08	396718.26, 3766851.08	0.83102	1.64E-03	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.4E-07	2.1E-07	6.5E-08	9.9E-07
66	UCART1	396758.26	3766851.08	396758.26, 3766851.08	0.99653	1.97E-03	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
67	UCART1	396798.26	3766851.08	396798.26, 3766851.08	1.17722	2.32E-03	2.32E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.3E-07	3.0E-07	9.2E-08	1.4E-06
68	UCART1	396838.26	3766851.08	396838.26, 3766851.08	1.33376	2.63E-03	2.63E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.4E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
69	UCART1	396878.26	3766851.08	396878.26, 3766851.08	1.44824	2.86E-03	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.3E-08	8.0E-07	4.1E-07	3.7E-07	1.1E-07	1.7E-06
70	UCART1	396918.26	3766851.08	396918.26, 3766851.08	1.46764	2.90E-03	2.90E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.3E-08	8.1E-07	4.2E-07	3.8E-07	1.1E-07	1.8E-06
71	UCART1	396958.26	3766851.08	396958.26, 3766851.08	1.38467	2.73E-03	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.2E-08	7.6E-07	3.9E-07	3.6E-07	1.1E-07	1.7E-06
72	UCART1	396998.26	3766851.08	396998.26, 3766851.08	1.20539	2.38E-03	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.8E-08	6.6E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
73	UCART1	397038.26	3766851.08	397038.26, 3766851.08	0.96726	1.91E-03	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.2E-06
74	UCART1	397078.26	3766851.08	397078.26, 3766851.08	0.72329	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
75	UCART1	397118.26	3766851.08	397118.26, 3766851.08	0.52355	1.03E-03	1.03E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
76	UCART1	397158.26	3766851.08	397158.26, 3766851.08	0.38305	7.56E-04	7.56E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	8.7E-09	2.1E-07	1.1E-07	9.9E-08	3.0E-08	4.6E-07
77	UCART1	397198.26	3766851.08	397198.26, 3766851.08	0.29855	5.89E-04	5.89E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
78	UCART1	397238.26	3766851.08	397238.26, 3766851.08	0.26302	5.19E-04	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.5E-08	6.8E-08	2.0E-08	3.1E-07
79	UCART1	397278.26	3766851.08	397278.26, 3766851.08	0.25352	5.00E-04	5.00E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
80	UCART1	397318.26	3766851.08	397318.26, 3766851.08	0.24834	4.90E-04	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
81	UCART1	397358.26	3766851.08	397358.26, 3766851.08	0.24065	4.75E-04	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
82	UCART1	397398.26	3766851.08	397398.26, 3766851.08	0.23443	4.63E-04	4.63E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	1.3E-07	6.7E-08	6.0E-08	1.8E-08	2.8E-07
83	UCART1	397438.26	3766851.08	397438.26, 3766851.08	0.22287	4.40E-04	4.40E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.7E-07
84	UCART1	397478.26	3766851.08	397478.26, 3766851.08	0.20931	4.13E-04	4.13E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	5.9E-08	5.4E-08	1.6E-08	2.5E-07
85	UCART1	397518.26	3766851.08	397518.26, 3766851.08	0.19489	3.85E-04	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
86	UCART1	397558.26	3766851.08	397558.26, 3766851.08	0.18076	3.57E-04	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	1.0E-07	5.1E-08	4.6E-08	1.4E-08	2.2E-07
87	UCART1	397598.26	3766851.08	397598.26, 3766851.08	0.1668	3.29E-04	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
88	UCART1	397638.26	3766851.08	397638.26, 3766851.08	0.15482	3.06E-04	3.06E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.5E-08	4.4E-08	4.0E-08	1.2E-08	1.8E-07
89	UCART1	397678.26	3766851.08	397678.26, 3766851.08	0.14163	2.80E-04	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	7.8E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
90	UCART1	397718.26	3766851.08	397718.26, 3766851.08	0.13397	2.64E-04	2.64E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.1E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
91	UCART1	396558.26	3766891.08	396558.26, 3766891.08	0.32794	6.47E-04	6.47E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	9.3E-08	8.4E-08	2.6E-08	3.9E-07
92	UCART1	396598.26	3766891.08	396598.26, 3766891.08	0.40202	7.93E-04	7.93E-04	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
93	UCART1	396638.26	3766891.08	396638.26, 3766891.08	0.49669	9.80E-04	9.80E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.9E-08	5.9E-07
94	UCART1	396678.26	3766891.08	396678.26, 3766891.08	0.63269	1.25E-03	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
95	UCART1	396718.26	3766891.08	396718.26, 3766891.08	0.79859	1.58E-03	1.58E-03	5.5E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.8E-08	4.4E-07	2.3E-07	2.1E-07	6.2E-08	9.5E-07
96	UCART1	396758.26	3766891.08	396758.26, 3766891.08	0.98573	1.95E-03	1.95E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
97	UCART1	396798.26	3766891.08	396798.26, 3766891.08	1.20434	2.38E-03	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
98	UCART1	396838.26	3766891.08	396838.26, 3766891.08	1.42241	2.81E-03	2.81E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.0E-07	3.7E-07	1.1E-07	1.7E-06
99	UCART1	396878.26	3766891.08	396878.26, 3766891.08	1.6318	3.22E-03	3.22E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.1E-07	3.7E-08	9.0E-07	4.6E-07	4.2E-07	1.3E-07	1.9E-06
100	UCART1	396918.26	3766891.08	396918.26, 3766891.08	1.70968	3.37E-03	3.37E-03	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.4E-07	3.9E-08	9.4E-07	4.9E-07	4.4E-07	1.3E-07	2.0E-06
101	UCART1	396958.26	3766891.08	396958.26, 3766891.08	1.69496	3.35E-03	3.35E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.3E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
102	UCART1	396998.26	3766891.08	396998.26, 3766891.08	1.52698	3.01E-03	3.01E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.5E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
103	UCART1	397038.26	3766891.08	397038.26, 3766891.08	1.25813	2.48E-03	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	6.9E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
104	UCART1	397078.26	3766891.08	397078.26, 3766891.08	0.97259	1.92E-03	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
105	UCART1	397118.26	3766891.08	397118.26, 3766891.08	0.70129	1.38E-03	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
106	UCART1	397158.26	3766891.08	397158.26, 3766891.08	0.48637	9.60E-04	9.60E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.8E-07
107	UCART1	397198.26	3766891.08	397198.26, 3766891.08	0.37372	7.38E-04	7.38E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	8.5E-09	2.1E-07	1.1E-07	9.6E-08	2.9E-08	4.5E-07
108	UCART1	397238.26	3766891.08	397238.26, 3766891.08	0.32608	6.44E-04	6.44E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.3E-08	8.4E-08	2.5E-08	3.9E-07
109	UCART1	397278.26	3766891.08	397278.26, 3766891.08	0.30491	6.02E-04	6.02E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.8E-08	2.4E-08	3.6E-07
110	UCART1	397318.26	3766891.08	397318.26, 3766891.08	0.29606	5.84E-04	5.84E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
111	UCART1	397358.26	3766891.08	397358.26, 3766891.08	0.28714	5.67E-04	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.6E-09	1.6E-07	8.1E-08	7.4E-08	2.2E-08	3.4E-07
112	UCART1	397398.26	3766891.08	397398.26, 3766891.08	0.26982	5.33E-04	5.33E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.2E-09	1.5E-07	7.7E-08	6.9E-08	2.1E-08	3.2E-07
113	UCART1	397438.26	3766891.08	397438.26, 3766891.08	0.25069	4.95E-04	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.4E-08	2.0E-08	3.0E-07
114	UCART1	397478.26	3766891.08	397478.26, 3766891.08	0.23306	4.60E-04	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	1.3E-07	6.6E-08	6.0E-08	1.8E-08	2.8E-07
115	UCART1	397518.26	3766891.08	397518.26, 3766891.08	0.2155	4.25E-04	4.25E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
116	UCART1	397558.26	3766891.08	397558.26, 3766891.08	0.19872	3.92E-04	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
117	UCART1	397598.26	3766891.08	397598.26, 3766891.08	0.18269	3.61E-04	3.61E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
118	UCART1	397638.26	3766891.08	397638.26, 3766891.08	0.16726	3.30E-04	3.30E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
119	UCART1	397678.26	3766891.08	397678.26, 3766891.08	0.15232	3.01E-04	3.01E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
120	UCART1	397718.26	3766891.08	397718.26, 3766891.08	0.13905	2.74E-04	2.74E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	7.7E-08	3.9E-08	3.6E-08	1.1E-08	1.7E-07
121	UCART1	396558.26	3766931.08	396558.26, 3766931.08	0.30517	6.02E-04	6.02E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.8E-08	2.4E-08	3.6E-07
122	UCART1	396598.26	3766931.08	396598.26, 3766931.08	0.36753	7.25E-04	7.25E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.5E-08	2.9E-08	4.4E-07
123	UCART1	396638.26	3766931.08	396638.26, 3766931.08	0.46525	9.18E-04	9.18E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
124	UCART1	396678.26	3766931.08	396678.26, 3766931.08	0.58162	1.15E-03	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.5E-08	6.9E-07
125	UCART1	396718.26	3766931.08	396718.26, 3766931.08	0.73732	1.46E-03	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.7E-08	8.8E-07
126	UCART1	396758.26	3766931.08	396758.26, 3766931.08	0.94146	1.86E-03	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.1E-08	5.2E-07	2.7E-07	2.4E-07	7.3E-08	1.1E-06
127	UCART1	396798.26	3766931.08	396798.26, 3766931.08	1.1769	2.32E-03	2.32E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.3E-07	3.0E-07	9.2E-08	1.4E-06
128	UCART1	396838.26	3766931.08	396838.26, 3766931.08	1.46098	2.88E-03	2.88E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.3E-08	8.1E-07	4.1E-07	3.8E-07	1.1E-07	1.7E-06
129	UCART1	396878.26	3766931.08	396878.26, 3766931.08	1.72666	3.41E-03	3.41E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.9E-08	9.5E-07	4.9E-07	4.4E-07	1.3E-07	2.1E-06
130	UCART1	396918.26	3766931.08	396918.26, 3766931.08	1.9438	3.84E-03	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
131	UCART1	396958.26	3766931.08	396958.26, 3766931.08	2.02397	3.99E-03	3.99E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.6E-08	1.1E-06	5.7E-07	5.2E-07	1.6E-07	2.4E-06
132	UCART1	396998.26	3766931.08	396998.26, 3766931.08	1.93127	3.81E-03	3.81E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
133	UCART1	397038.26	3766931.08	397038.26, 3766931.08	1.67481	3.31E-03	3.31E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.8E-08	9.2E-07	4.8E-07	4.3E-07	1.3E-07	2.0E-06
134	UCART1	397078.26	3766931.08	397078.26, 3766931.08	1.34168	2.65E-03	2.65E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.1E-08	7.4E-07	3.8E-07	3.5E-07	1.0E-07	1.6E-06
135	UCART1	397118.26	3766931.08	397118.26, 3766931.08	0.9845	1.94E-03	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
136	UCART1	397158.26	3766931.08	397158.26, 3766931.08	0.67268	1.33E-03	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	8.0E-07
137	UCART1	397198.26	3766931.08	397198.26, 3766931.08	0.49418	9.75E-04	9.75E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.9E-08	5.9E-07
138	UCART1	397238.26	3766931.08	397238.26, 3766931.08	0.40756	8.04E-04	8.04E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.2E-07	1.2E-07	1.0E-07	3.2E-08	4.9E-07
139	UCART1	397278.26	3766931.08	397278.26, 3766931.08	0.37127	7.33E-04	7.33E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	8.5E-09	2.0E-07	1.1E-07	9.5E-08	2.9E-08	4.4E-07
140	UCART1	397318.26	3766931.08	397318.26, 3766931.08	0.35346	6.98E-04	6.98E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.1E-09	1.9E-07	1.0E-07	9.1E-08	2.8E-08	4.2E-07
141	UCART1	397358.26	3766931.08	397358.26, 3766931.08	0.34717	6.85E-04	6.85E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.9E-08	8.9E-08	2.7E-08	4.1E-07
142	UCART1	397398.26	3766931.08	397398.26, 3766931.08	0.31943	6.30E-04	6.30E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	1.8E-07	9.1E-08	8.2E-08	2.5E-08	3.8E-07
143	UCART1	397438.26	3766931.08	397438.26, 3766931.08	0.2891	5.71E-04	5.71E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	1.6E-07	8.2E-08	7.4E-08	2.3E-08	3.4E-07
144	UCART1	397478.26	3766931.08	397478.26, 3766931.08	0.25929	5.12E-04	5.12E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
145	UCART1	397518.26	3766931.08	397518.26, 3766931.08	0.2388	4.71E-04	4.71E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.4E-09	1.3E-07	6.8E-08	6.1E-08	1.9E-08	2.8E-07
146	UCART1	397558.26	3766931.08	397558.26, 3766931.08	0.21864	4.32E-04	4.32E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
147	UCART1	397598.26	3766931.08	397598.26, 3766931.08	0.19936	3.93E-04	3.93E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.7E-08	5.1E-08	1.6E-08	2.4E-07
148	UCART1	397638.26	3766931.08	397638.26, 3766931.08	0.18084	3.57E-04	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	1.0E-07	5.1E-08	4.7E-08	1.4E-08	2.2E-07
149	UCART1	397678.26	3766931.08	397678.26, 3766931.08	0.16369	3.23E-04	3.23E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	2.0E-07
150	UCART1	397718.26	3766931.08	397718.26, 3766931.08	0.15133	2.99E-04	2.99E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.3E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
151	UCART1	396558.26	3766971.08	396558.26, 3766971.08	0.28232	5.57E-04	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.4E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
152	UCART1	396598.26	3766971.08	396598.26, 3766971.08	0.338	6.67E-04	6.67E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
153	UCART1	396638.26	3766971.08	396638.26, 3766971.08	0.41977	8.29E-04	8.29E-04	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
154	UCART1	396678.26	3766971.08	396678.26, 3766971.08	0.52326	1.03E-03	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
155	UCART1	396718.26	3766971.08	396718.26, 3766971.08	0.66601	1.31E-03	1.31E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	7.9E-07
156	UCART1	396758.26	3766971.08	396758.26, 3766971.08	0.84694	1.67E-03	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
157	UCART1	396798.26	3766971.08	396798.26, 3766971.08	1.0974	2.17E-03	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.0E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
158	UCART1	396838.26	3766971.08	396838.26, 3766971.08	1.40544	2.77E-03	2.77E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.2E-08	7.7E-07	4.0E-07	3.6E-07	1.1E-07	1.7E-06
159	UCART1	396878.26	3766971.08	396878.26, 3766971.08	1.76955	3.49E-03	3.49E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.7E-07	4.0E-08	9.8E-07	5.0E-07	4.6E-07	1.4E-07	2.1E-06
160	UCART1	396918.26	3766971.08	396918.26, 3766971.08	2.13252	4.21E-03	4.21E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.1E-07	5.5E-07	1.7E-07	2.5E-06
161	UCART1	396958.26	3766971.08	396958.26, 3766971.08	2.39082	4.72E-03	4.72E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	5.5E-08	1.3E-06	6.8E-07	6.1E-07	1.9E-07	2.9E-06
162	UCART1	396998.26	3766971.08	396998.26, 3766971.08	2.44634	4.83E-03	4.83E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.6E-08	1.3E-06	6.9E-07	6.3E-07	1.9E-07	2.9E-06
163	UCART1	397038.26	3766971.08	397038.26, 3766971.08	2.27262	4.49E-03	4.49E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	5.2E-08	1.3E-06	6.4E-07	5.8E-07	1.8E-07	2.7E-06
164	UCART1	397078.26	3766971.08	397078.26, 3766971.08	1.95239	3.85E-03	3.85E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.5E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
165	UCART1	397118.26	3766971.08	397118.26, 3766971.08	1.65564	3.27E-03	3.27E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	9.1E-07	4.7E-07	4.3E-07	1.3E-07	2.0E-06
166	UCART1	397158.26	3766971.08	397158.26, 3766971.08	1.23812	2.44E-03	2.44E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	6.8E-07	3.5E-07	3.2E-07	9.6E-08	1.5E-06
167	UCART1	397198.26	3766971.08	397198.26, 3766971.08	0.76211	1.50E-03	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	1.7E-08	4.2E-07	2.2E-07	2.0E-07	5.9E-08	9.1E-07
168	UCART1	397238.26	3766971.08	397238.26, 3766971.08	0.5498	1.09E-03	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.0E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
169	UCART1	397278.26	3766971.08	397278.26, 3766971.08	0.46474	9.17E-04	9.17E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
170	UCART1	397318.26	3766971.08	397318.26, 3766971.08	0.43512	8.59E-04	8.59E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
171	UCART1	397358.26	3766971.08	397358.26, 3766971.08	0.40651	8.02E-04	8.02E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.2E-07	1.2E-07	1.0E-07	3.2E-08	4.8E-07
172	UCART1	397398.26	3766971.08	397398.26, 3766971.08	0.37536	7.41E-04	7.41E-04	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	2.1E-07	1.1E-07	9.7E-08	2.9E-08	4.5E-07
173	UCART1	397438.26	3766971.08	397438.26, 3766971.08	0.34094	6.73E-04	6.73E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.7E-08	8.8E-08	2.7E-08	4.1E-07
174	UCART1	397478.26	3766971.08	397478.26, 3766971.08	0.30022	5.93E-04	5.93E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.8E-09	1.7E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
175	UCART1	397518.26	3766971.08	397518.26, 3766971.08	0.26674	5.26E-04	5.26E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
176	UCART1	397558.26	3766971.08	397558.26, 3766971.08	0.2393	4.72E-04	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
177	UCART1	397598.26	3766971.08	397598.26, 3766971.08	0.21564	4.26E-04	4.26E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
178	UCART1	397638.26	3766971.08	397638.26, 3766971.08	0.19424	3.83E-04	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07

179	UCART1	397678.26	3766971.08	397678.26, 3766971.08	0.17602	3.47E-04	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
180	UCART1	397718.26	3766971.08	397718.26, 3766971.08	0.16759	3.31E-04	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	9.2E-08	4.8E-08	4.3E-08	1.3E-08	2.0E-07
181	UCART1	396558.26	3767011.08	396558.26, 3767011.08	0.25844	5.10E-04	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
182	UCART1	396598.26	3767011.08	396598.26, 3767011.08	0.30758	6.07E-04	6.07E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.9E-08	2.4E-08	3.7E-07
183	UCART1	396638.26	3767011.08	396638.26, 3767011.08	0.3774	7.45E-04	7.45E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	2.1E-07	1.1E-07	9.7E-08	2.9E-08	4.5E-07
184	UCART1	396678.26	3767011.08	396678.26, 3767011.08	0.46834	9.24E-04	9.24E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.6E-07
185	UCART1	396718.26	3767011.08	396718.26, 3767011.08	0.58417	1.15E-03	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
186	UCART1	396758.26	3767011.08	396758.26, 3767011.08	0.74913	1.48E-03	1.48E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
187	UCART1	396798.26	3767011.08	396798.26, 3767011.08	0.96573	1.91E-03	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.2E-06
188	UCART1	396838.26	3767011.08	396838.26, 3767011.08	1.28273	2.53E-03	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.1E-07	3.6E-07	3.3E-07	1.0E-07	1.5E-06
189	UCART1	396878.26	3767011.08	396878.26, 3767011.08	1.70253	3.36E-03	3.36E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.4E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
190	UCART1	396918.26	3767011.08	396918.26, 3767011.08	2.21545	4.37E-03	4.37E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.6E-06
191	UCART1	396958.26	3767011.08	396958.26, 3767011.08	2.69233	5.31E-03	5.31E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.1E-08	1.5E-06	7.6E-07	6.9E-07	2.1E-07	3.2E-06
192	UCART1	396998.26	3767011.08	396998.26, 3767011.08	3.01863	5.96E-03	5.96E-03	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	6.9E-08	1.7E-06	8.6E-07	7.8E-07	2.4E-07	3.6E-06
193	UCART1	397038.26	3767011.08	397038.26, 3767011.08	3.26792	6.45E-03	6.45E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.5E-08	1.8E-06	9.3E-07	8.4E-07	2.5E-07	3.9E-06
194	UCART1	397078.26	3767011.08	397078.26, 3767011.08	3.46401	6.84E-03	6.84E-03	2.4E-06	7.1E-06	4.1E-06	3.8E-06	1.7E-06	7.9E-08	1.9E-06	9.8E-07	8.9E-07	2.7E-07	4.1E-06
195	UCART1	397118.26	3767011.08	397118.26, 3767011.08	2.7768	5.48E-03	5.48E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	1.5E-06	7.9E-07	7.1E-07	2.2E-07	3.3E-06
196	UCART1	397158.26	3767011.08	397158.26, 3767011.08	1.86098	3.67E-03	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	1.0E-06	5.3E-07	4.8E-07	1.5E-07	2.2E-06
197	UCART1	397198.26	3767011.08	397198.26, 3767011.08	1.17064	2.31E-03	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.3E-07	3.0E-07	9.1E-08	1.4E-06
198	UCART1	397238.26	3767011.08	397238.26, 3767011.08	0.8076	1.59E-03	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.5E-07	2.3E-07	2.1E-07	6.3E-08	9.6E-07
199	UCART1	397278.26	3767011.08	397278.26, 3767011.08	0.62843	1.24E-03	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
200	UCART1	397318.26	3767011.08	397318.26, 3767011.08	0.544	1.07E-03	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.5E-07
201	UCART1	397358.26	3767011.08	397358.26, 3767011.08	0.48534	9.58E-04	9.58E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.2E-07	3.8E-08	5.8E-07
202	UCART1	397398.26	3767011.08	397398.26, 3767011.08	0.42462	8.38E-04	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
203	UCART1	397438.26	3767011.08	397438.26, 3767011.08	0.39268	7.75E-04	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	9.0E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
204	UCART1	397478.26	3767011.08	397478.26, 3767011.08	0.34429	6.80E-04	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
205	UCART1	397518.26	3767011.08	397518.26, 3767011.08	0.30396	6.00E-04	6.00E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	1.7E-07	8.6E-08	7.8E-08	2.4E-08	3.6E-07
206	UCART1	397558.26	3767011.08	397558.26, 3767011.08	0.2692	5.31E-04	5.31E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
207	UCART1	397598.26	3767011.08	397598.26, 3767011.08	0.23954	4.73E-04	4.73E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
208	UCART1	397638.26	3767011.08	397638.26, 3767011.08	0.21463	4.24E-04	4.24E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
209	UCART1	397678.26	3767011.08	397678.26, 3767011.08	0.19818	3.91E-04	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
210	UCART1	397718.26	3767011.08	397718.26, 3767011.08	0.17649	3.48E-04	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
211	UCART1	396558.26	3767051.08	396558.26, 3767051.08	0.24016	4.74E-04	4.74E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
212	UCART1	396598.26	3767051.08	396598.26, 3767051.08	0.28348	5.60E-04	5.60E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
213	UCART1	396638.26	3767051.08	396638.26, 3767051.08	0.33878	6.69E-04	6.69E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
214	UCART1	396678.26	3767051.08	396678.26, 3767051.08	0.414	8.17E-04	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	9.4E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
215	UCART1	396718.26	3767051.08	396718.26, 3767051.08	0.51574	1.02E-03	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.2E-08	2.8E-07	1.5E-07	1.3E-07	4.0E-08	6.2E-07
216	UCART1	396758.26	3767051.08	396758.26, 3767051.08	0.64558	1.27E-03	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.6E-07	1.8E-07	1.7E-07	5.0E-08	7.7E-07
217	UCART1	396798.26	3767051.08	396798.26, 3767051.08	0.82771	1.63E-03	1.63E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.3E-07	2.1E-07	6.4E-08	9.9E-07
218	UCART1	396838.26	3767051.08	396838.26, 3767051.08	1.10255	2.18E-03	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
219	UCART1	396878.26	3767051.08	396878.26, 3767051.08	1.52155	3.00E-03	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
220	UCART1	396918.26	3767051.08	396918.26, 3767051.08	2.16386	4.27E-03	4.27E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.1E-07	5.6E-07	1.7E-07	2.6E-06
221	UCART1	396958.26	3767051.08	396958.26, 3767051.08	2.94009	5.80E-03	5.80E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	8.3E-07	7.6E-07	2.3E-07	3.5E-06
222	UCART1	396998.26	3767051.08	396998.26, 3767051.08	4.1183	8.13E-03	8.13E-03	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	9.4E-08	2.3E-06	1.2E-06	1.1E-06	3.2E-07	4.9E-06
223	UCART1	397038.26	3767051.08	397038.26, 3767051.08	5.15144	1.02E-02	1.02E-02	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.5E-06	1.2E-07	2.8E-06	1.5E-06	1.3E-06	4.0E-07	6.1E-06
224	UCART1	397078.26	3767051.08	397078.26, 3767051.08	4.24246	8.37E-03	8.37E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	9.7E-08	2.3E-06	1.2E-06	1.1E-06	3.3E-07	5.1E-06
225	UCART1	397118.26	3767051.08	397118.26, 3767051.08	3.42623	6.76E-03	6.76E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.8E-08	1.9E-06	9.7E-07	8.8E-07	2.7E-07	4.1E-06
226	UCART1	397158.26	3767051.08	397158.26, 3767051.08	2.37533	4.69E-03	4.69E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.4E-08	1.3E-06	6.7E-07	6.1E-07	1.9E-07	2.8E-06
227	UCART1	397198.26	3767051.08	397198.26, 3767051.08	1.53088	3.02E-03	3.02E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
228	UCART1	397238.26	3767051.08	397238.26, 3767051.08	1.02594	2.02E-03	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.3E-08	5.7E-07	2.9E-07	2.6E-07	8.0E-08	1.2E-06
229	UCART1	397278.26	3767051.08	397278.26, 3767051.08	0.83964	1.66E-03	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	1.9E-08	4.6E-07	2.4E-07	2.2E-07	6.5E-08	1.0E-06
230	UCART1	397318.26	3767051.08	397318.26, 3767051.08	0.7334	1.45E-03	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.7E-07
231	UCART1	397358.26	3767051.08	397358.26, 3767051.08	0.58853	1.16E-03	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
232	UCART1	397398.26	3767051.08	397398.26, 3767051.08	0.49372	9.74E-04	9.74E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
233	UCART1	397438.26	3767051.08	397438.26, 3767051.08	0.43505	8.59E-04	8.59E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
234	UCART1	397478.26	3767051.08	397478.26, 3767051.08	0.39119	7.72E-04	7.72E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.9E-09	2.2E-07	1.1E-07	1.0E-07	3.0E-08	4.7E-07
235	UCART1	397518.26	3767051.08	397518.26, 3767051.08	0.33831	6.68E-04	6.68E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
236	UCART1	397558.26	3767051.08	397558.26, 3767051.08	0.29918	5.91E-04	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
237	UCART1	397598.26	3767051.08	397598.26, 3767051.08	0.262	5.17E-04	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
238	UCART1	397638.26	3767051.08	397638.26, 3767051.08	0.23019	4.54E-04	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.7E-07
239	UCART1	397678.26	3767051.08	397678.26, 3767051.08	0.20675	4.08E-04	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
240	UCART1	397718.26	3767051.08	397718.26, 3767051.08	0.18608	3.67E-04	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	4.2E-09	1.0E-07	5.3E-08	4.8E-08	1.4E-08	2.2E-07
241	UCART1	396558.26	3767091.08	396558.26, 3767091.08	0.22578	4.46E-04	4.46E-04	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	5.2E-09	1.2E-07	6.4E-08	5.8E-08	1.8E-08	2.7E-07
242	UCART1	396598.26	3767091.08	396598.26, 3767091.08	0.26615	5.25E-04	5.25E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.8E-08	2.1E-08	3.2E-07
243	UCART1	396638.26	3767091.08	396638.26, 3767091.08	0.31071	6.13E-04	6.13E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
244	UCART1	396678.26	3767091.08	396678.26, 3767091.08	0.36831	7.27E-04	7.27E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.5E-08	2.9E-08	4.4E-07
245	UCART1	396718.26	3767091.08	396718.26, 3767091.08	0.45079	8.90E-04	8.90E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.5E-08	5.4E-07
246	UCART1	396758.26	3767091.08	396758.26, 3767091.08	0.55754	1.10E-03	1.10E-03	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.7E-07
247	UCART1	396798.26	3767091.08	396798.26, 3767091.08	0.70401	1.39E-03	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
248	UCART1	396838.26	3767091.08	396838.26, 3767091.08	0.91822	1.81E-03	1.81E-03	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	5.1E-07	2.6E-07	2.4E-07	7.2E-08	1.1E-06
249	UCART1	396878.26	3767091.08	396878.26, 3767091.08	1.26162	2.49E-03	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	7.0E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
250	UCART1	396918.26	3767091.08	396918.26, 3767091.08	1.84758	3.65E-03	3.65E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.2E-08	1.0E-06	5.2E-07	4.8E-07	1.4E-07	2.2E-06
251	UCART1	396958.26	3767091.08	396958.26, 3767091.08	3.10977	6.14E-03	6.14E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.1E-08	1.7E-06	8.8E-07	8.0E-07	2.4E-07	3.7E-06
252	UCART1	396998.26	3767091.08	396998.26, 3767091.08	6.03237	1.19E-02	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.4E-07	3.3E-06	1.7E-06	1.6E-06	4.7E-07	7.2E-06
253	UCART1	397078.26	3767091.08	397078.26, 3767091.08	5.42884	1.07E-02	1.07E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-07	3.0E-06	1.5E-06	1.4E-06	4.2E-07	6.5E-06
254	UCART1	397118.26	3767091.08	397118.26, 3767091.08	4.96391	9.80E-03	9.80E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.1E-07	2.7E-06	1.4E-06	1.3E-06	3.9E-07	5.9E-06
255	UCART1	397158.26	3767091.08	397158.26, 3767091.08	3.78998	7.48E-03	7.48E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.6E-08	2.1E-06	1.1E-06	9.7E-07	3.0E-07	4.5E-06
256	UCART1	397198.26	3767091.08	397198.26, 3767091.08	2.40815	4.75E-03	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.5E-08	1.3E-06	6.8E-07	6.2E-07	1.9E-07	2.9E-06
257	UCART1	397238.26	3767091.08	397238.26, 3767091.08	1.49946	2.96E-03	2.96E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.4E-08	8.3E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
258	UCART1	397278.26	3767091.08	397278.26, 3767091.08	1.13377	2.24E-03	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.4E-06
259	UCART1	397318.26	3767091.08	397318.26, 3767091.08	1.03178	2.04E-03	2.04E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	2.9E-07	2.7E-07	8.0E-08	1.2E-06
260	UCART1	397358.26	3767091.08	397358.26, 3767091.08	0.72414	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
261	UCART1	397398.26	3767091.08	397398.26, 3767091.08	0.58016	1.15E-03	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
262	UCART1	397438.26	3767091.08	397438.26, 3767091.08	0.49132	9.70E-04	9.70E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
263	UCART1	397478.26	3767091.08	397478.26, 3767091.08	0.41892	8.27E-04	8.27E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
264	UCART1	397518.26	3767091.08	397518.26, 3767091.08	0.36675	7.24E-04	7.24E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.4E-08	2.9E-08	4.4E-07
265	UCART1	397558.26	3767091.08	397558.26, 3767091.08	0.31839	6.28E-04	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	7.3E-09	1.8E-07	9.0E-08	8.2E-08	2.5E-08	3.8E-07
266	UCART1	397598.26	3767091.08	397598.26, 3767091.08	0.28142	5.55E-04	5.55E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	6.4E-09	1.6E-07	8.0E-08	7.2E-08	2.2E-08	3.4E-07
267	UCART1	397638.26	3767091.08	397638.26, 3767091.08	0.25006	4.94E-04	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.4E-08	1.9E-08	3.0E-07
268	UCART1	397678.26	3767091.08	397678.26, 3767091.08	0.21791	4.30E-04	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
269	UCART1	397718.26	3767091.08	397718.26, 3767091.08	0.19499	3.85E-04	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
270	UCART1	396558.26	3767131.08	396558.26, 3767131.08	0.21793	4.30E-04	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
271	UCART1	396598.26	3767131.08	396598.26, 3767131.08	0.25158	4.97E-04	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.5E-08	2.0E-08	3.0E-07
272	UCART1	396638.26	3767131.08	396638.26, 3767131.08	0.294	5.80E-04	5.80E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	1.6E-07	8.3E-08	7.6E-08	2.3E-08	3.5E-07
273	UCART1	396678.26	3767131.08	396678.26, 3767131.08	0.33635	6.64E-04	6.64E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.7E-09	1.9E-07	9.5E-08	8.7E-08	2.6E-08	4.0E-07
274	UCART1	396718.26	3767131.08	396718.26, 3767131.08	0.39958	7.89E-04	7.89E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
275	UCART1	396758.26	3767131.08	396758.26, 3767131.08	0.48603	9.59E-04	9.59E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.8E-07
276	UCART1	396798.26	3767131.08	396798.26, 3767131.08	0.60578	1.20E-03	1.20E-03	4.1E-07	1.2E-06	7.2E-07	6.6E-07	3.0E-07	1.4E-08	3.3E-07	1.7E-07	1.6E-07	4.7E-08	7.2E-07
277	UCART1	396838.26	3767131.08	396838.26, 3767131.08	0.76741	1.51E-03	1.51E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.8E-08	4.2E-07	2.2E-07	2.0E-07	6.0E-08	9.2E-07
278	UCART1	396878.26	3767131.08	396878.26, 3767131.08	1.02545	2.02E-03	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.3E-08	5.7E-07	2.9E-07	2.6E-07	8.0E-08	1.2E-06
279	UCART1	396918.26	3767131.08	396918.26, 3767131.08	1.41278	2.79E-03	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.0E-07	3.6E-07	1.1E-07	1.7E-06
280	UCART1	396958.26	3767131.08	396958.26, 3767131.08	2.62161	5.17E-03	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.0E-08	1.4E-06	7.4E-07	6.7E-07	2.0E-07	3.1E-06
281	UCART1	397238.26	3767131.08	397238.26, 3767131.08	2.93721	5.80E-03	5.80E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	8.3E-07	7.6E-07	2.3E-07	3.5E-06
282	UCART1	397278.26	3767131.08	397278.26, 3767131.08	1.85629	3.66E-03	3.66E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	1.0E-06	5.3E-07	4.8E-07	1.4E-07	2.2E-06
283	UCART1	397318.26	3767131.08	397318.26, 3767131.08	1.39911	2.76E-03	2.76E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.2E-08	7.7E-07	4.0E-07	3.6E-07	1.1E-07	1.7E-06
284	UCART1	397358.26	3767131.08	397358.26, 3767131.08	0.97126	1.92E-03	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
285	UCART1	397398.26	3767131.08	397398.26, 3767131.08	0.66946	1.32E-03	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	8.0E-07
286	UCART1	397438.26	3767131.08	397438.26, 3767131.08	0.55501	1.10E-03	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
287	UCART1	397478.26	3767131.08	397478.26, 3767131.08	0.46348	9.15E-04	9.15E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
288	UCART1	397518.26	3767131.08	397518.26, 3767131.08	0.39553	7.81E-04	7.81E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	9.0E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
289	UCART1	397558.26	3767131.08	397558.26, 3767131.08	0.34473	6.80E-04	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
290	UCART1	397598.26	3767131.08	397598.26, 3767131.08	0.29922	5.91E-04	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
291	UCART1	397638.26	3767131.08	397638.26, 3767131.08	0.26918	5.31E-04	5.31E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
292	UCART1	397678.26	3767131.08	397678.26, 3767131.08	0.23557	4.65E-04	4.65E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	1.3E-07	6.7E-08	6.1E-08	1.8E-08	2.8E-07
293	UCART1	397718.26	3767131.08	397718.26, 3767131.08	0.20911	4.13E-04	4.13E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	5.9E-08	5.4E-08	1.6E-08	2.5E-07
294	UCART1	396558.26	3767171.08	396558.26, 3767171.08	0.21572	4.26E-04	4.26E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
295	UCART1	396598.26	3767171.08	396598.26, 3767171.08	0.24483	4.83E-04	4.83E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	1.3E-07	6.9E-08	6.3E-08	1.9E-08	2.9E-07
296	UCART1	396638.26	3767171.08	396638.26, 3767171.08	0.27957	5.52E-04	5.52E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	7.9E-08	7.2E-08	2.2E-08	3.3E-07
297	UCART1	396678.26	3767171.08	396678.26, 3767171.08	0.32291	6.37E-04	6.37E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.2E-08	8.3E-08	2.5E-08	3.9E-07
298	UCART1	396718.26	3767171.08	396718.26, 3767171.08	0.36382	7.18E-04	7.18E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.4E-08	2.8E-08	4.3E-07
299	UCART1	396758.26	3767171.08	396758.26, 3767171.08	0.43326	8.55E-04	8.55E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
300	UCART1	396798.26	3767171.08	396798.26, 3767171.08	0.52779	1.04E-03	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
301	UCART1	396838.26	3767171.08	396838.26, 3767171.08	0.66099	1.30E-03	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.2E-08	7.9E-07
302	UCART1	396878.26	3767171.08	396878.26, 3767171.08	0.86174	1.70E-03	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.7E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
303	UCART1	396918.26	3767171.08	396918.26, 3767171.08	1.16718	2.30E-03	2.30E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.4E-07	3.3E-07	3.0E-07	9.1E-08	1.4E-06
304	UCART1	397438.26	3767171.08	397438.26, 3767171.08	0.65618	1.30E-03	1.30E-03	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.1E-08	7.8E-07
305	UCART1	397478.26	3767171.08	397478.26, 3767171.08	0.54478	1.08E-03	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.5E-07
306	UCART1	397518.26	3767171.08	397518.26, 3767171.08	0.46123	9.10E-04	9.10E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
307	UCART1	397558.26	3767171.08	397558.26, 3767171.08	0.39644	7.82E-04	7.82E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	9.0E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
308	UCART1	397598.26	3767171.08	397598.26, 3767171.08	0.34358	6.78E-04	6.78E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.7E-08	8.8E-08	2.7E-08	4.1E-07
309	UCART1	397638.26	3767171.08	397638.26, 3767171.08	0.29946	5.91E-04	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.7E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
310	UCART1	397678.26	3767171.08	397678.26, 3767171.08	0.26099	5.15E-04	5.15E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
311	UCART1	397718.26	3767171.08	397718.26, 3767171.08	0.22886	4.52E-04	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.7E-07
312	UCART1	396558.26	3767211.08	396558.26, 3767211.08	0.21272	4.20E-04	4.20E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.0E-08	5.5E-08	1.7E-08	2.5E-07
313	UCART1	396598.26	3767211.08	396598.26, 3767211.08	0.2426	4.79E-04	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.9E-08	6.2E-08	1.9E-08	2.9E-07
314	UCART1	396638.26	3767211.08	396638.26, 3767211.08	0.27295	5.39E-04	5.39E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	6.2E-09	1.5E-07	7.7E-08	7.0E-08	2.1E-08	3.3E-07
315	UCART1	396678.26	3767211.08	396678.26, 3767211.08	0.31521	6.22E-04	6.22E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	1.7E-07	8.9E-08	8.1E-08	2.5E-08	3.8E-07
316	UCART1	396718.26	3767211.08	396718.26, 3767211.08	0.34717	6.85E-04	6.85E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.9E-08	8.9E-08	2.7E-08	4.1E-07
317	UCART1	396758.26	3767211.08	396758.26, 3767211.08	0.39781	7.85E-04	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
318	UCART1	396798.26	3767211.08	396798.26, 3767211.08	0.47248	9.33E-04	9.33E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.6E-07
319	UCART1	396838.26	3767211.08	396838.26, 3767211.08	0.58952	1.16E-03	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
320	UCART1	396878.26	3767211.08	396878.26, 3767211.08	0.73868	1.46E-03	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.8E-07
321	UCART1	396918.26	3767211.08	396918.26, 3767211.08	0.96113	1.90E-03	1.90E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.1E-06
322	UCART1	396958.26	3767211.08	396958.26, 3767211.08	1.26678	2.50E-03	2.50E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.0E-07	3.6E-07	3.3E-07	9.9E-08	1.5E-06
323	UCART1	397438.26	3767211.08	397438.26, 3767211.08	0.84256	1.66E-03	1.66E-03	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.9E-08	4.6E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
324	UCART1	397478.26	3767211.08	397478.26, 3767211.08	0.67179	1.33E-03	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	8.0E-07
325	UCART1	397518.26	3767211.08	397518.26, 3767211.08	0.56012	1.11E-03	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.4E-08	6.7E-07
326	UCART1	397558.26	3767211.08	397558.26, 3767211.08	0.47394	9.35E-04	9.35E-04	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.7E-07
327	UCART1	397598.26	3767211.08	397598.26, 3767211.08	0.40521	8.00E-04	8.00E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.2E-08	4.8E-07
328	UCART1	397638.26	3767211.08	397638.26, 3767211.08	0.34668	6.84E-04	6.84E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
329	UCART1	397678.26	3767211.08	397678.26, 3767211.08	0.29712	5.86E-04	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
330	UCART1	397718.26	3767211.08	397718.26, 3767211.08	0.25676	5.07E-04	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
331	UCART1	396558.26	3767251.08	396558.26, 3767251.08	0.21361	4.22E-04	4.22E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.5E-07
332	UCART1	396598.26	3767251.08	396598.26, 3767251.08	0.23929	4.72E-04	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
333	UCART1	396638.26	3767251.08	396638.26, 3767251.08	0.27214	5.37E-04	5.37E-04	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	6.2E-09	1.5E-07	7.7E-08	7.0E-08	2.1E-08	3.2E-07
334	UCART1	396678.26	3767251.08	396678.26, 3767251.08	0.30857	6.09E-04	6.09E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.8E-08	7.9E-08	2.4E-08	3.7E-07
335	UCART1	396718.26	3767251.08	396718.26, 3767251.08	0.34873	6.88E-04	6.88E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	9.9E-08	9.0E-08	2.7E-08	4.2E-07
336	UCART1	396758.26	3767251.08	396758.26, 3767251.08	0.38002	7.50E-04	7.50E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.7E-09	2.1E-07	1.1E-07	9.8E-08	3.0E-08	4.5E-07
337	UCART1	396798.26	3767251.08	396798.26, 3767251.08	0.44203	8.72E-04	8.72E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	1.3E-07	1.1E-07	3.4E-08	5.3E-07
338	UCART1	396838.26	3767251.08	396838.26, 3767251.08	0.52907	1.04E-03	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
339	UCART1	396878.26	3767251.08	396878.26, 3767251.08	0.65267	1.29E-03	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.1E-08	7.8E-07
340	UCART1	396918.26	3767251.08	396918.26, 3767251.08	0.8556	1.69E-03	1.69E-03	5.8E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.0E-08	4.7E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
341	UCART1	396958.26	3767251.08	396958.26, 3767251.08	1.03688	2.05E-03	2.05E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	2.9E-07	2.7E-07	8.1E-08	1.2E-06
342	UCART1	396998.26	3767251.08	396998.26, 3767251.08	1.38555	2.73E-03	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.2E-08	7.6E-07	3.9E-07	3.6E-07	1.1E-07	1.7E-06
343	UCART1	397038.26	3767251.08	397038.26, 3767251.08	1.82873	3.61E-03	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.2E-08	1.0E-06	5.2E-07	4.7E-07	1.4E-07	2.2E-06
344	UCART1	397078.26	3767251.08	397078.26, 3767251.08	3.22575	6.37E-03	6.37E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.4E-08	1.8E-06	9.2E-07	8.3E-07	2.5E-07	3.8E-06
345	UCART1	397118.26	3767251.08	397118.26, 3767251.08	7.72014	1.52E-02	1.52E-02	5.3E-06	1.6E-05	9.2E-06	8.4E-06	3.8E-06	1.8E-07	4.3E-06	2.2E-06	2.0E-06	6.0E-07	9.2E-06
346	UCART1	397318.26	3767251.08	397318.26, 3767251.08	3.71949	7.34E-03	7.34E-03	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	8.5E-08	2.0E-06	1.1E-06	9.6E-07	2.9E-07	4.4E-06
347	UCART1	397358.26	3767251.08	397358.26, 3767251.08	2.30326	4.55E-03	4.55E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.3E-08	1.3E-06	6.5E-07	5.9E-07	1.8E-07	2.7E-06
348	UCART1	397398.26	3767251.08	397398.26, 3767251.08	1.58818	3.13E-03	3.13E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.6E-08	8.8E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
349	UCART1	397438.26	3767251.08	397438.26, 3767251.08	1.19197	2.35E-03	2.35E-03	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.4E-07	3.1E-07	9.3E-08	1.4E-06
350	UCART1	397478.26	3767251.08	397478.26, 3767251.08	0.91089	1.80E-03	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	5.0E-07	2.6E-07	2.3E-07	7.1E-08	1.1E-06
351	UCART1	397518.26	3767251.08	397518.26, 3767251.08	0.72663	1.43E-03	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.7E-07
352	UCART1	397558.26	3767251.08	397558.26, 3767251.08	0.59161	1.17E-03	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.3E-08	3.3E-07	1.7E-07	1.5E-07	4.6E-08	7.1E-07
353	UCART1	397598.26	3767251.08	397598.26, 3767251.08	0.49259	9.72E-04	9.72E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
354	UCART1	397638.26	3767251.08	397638.26, 3767251.08	0.41453	8.18E-04	8.18E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.0E-07	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
355	UCART1	397678.26	3767251.08	397678.26, 3767251.08	0.34967	6.90E-04	6.90E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	9.9E-08	9.0E-08	2.7E-08	4.2E-07
356	UCART1	397718.26	3767251.08	397718.26, 3767251.08	0.29655	5.85E-04	5.85E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
357	UCART1	396558.26	3767291.08	396558.26, 3767291.08	0.20686	4.08E-04	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
358	UCART1	396598.26	3767291.08	396598.26, 3767291.08	0.23482	4.63E-04	4.63E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.4E-09	1.3E-07	6.7E-08	6.0E-08	1.8E-08	2.8E-07
359	UCART1	396638.26	3767291.08	396638.26, 3767291.08	0.26726	5.28E-04	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
360	UCART1	396678.26	3767291.08	396678.26, 3767291.08	0.30532	6.03E-04	6.03E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.9E-08	2.4E-08	3.6E-07
361	UCART1	396718.26	3767291.08	396718.26, 3767291.08	0.35262	6.96E-04	6.96E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.1E-08	2.7E-08	4.2E-07
362	UCART1	396758.26	3767291.08	396758.26, 3767291.08	0.36713	7.25E-04	7.25E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.4E-08	2.9E-08	4.4E-07
363	UCART1	396798.26	3767291.08	396798.26, 3767291.08	0.41906	8.27E-04	8.27E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
364	UCART1	396838.26	3767291.08	396838.26, 3767291.08	0.49283	9.73E-04	9.73E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
365	UCART1	396878.26	3767291.08	396878.26, 3767291.08	0.63801	1.26E-03	1.26E-03	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.5E-08	3.5E-07	1.8E-07	1.6E-07	5.0E-08	7.6E-07
366	UCART1	396918.26	3767291.08	396918.26, 3767291.08	0.74731	1.47E-03	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
367	UCART1	396958.26	3767291.08	396958.26, 3767291.08	0.91371	1.80E-03	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	5.0E-07	2.6E-07	2.4E-07	7.1E-08	1.1E-06
368	UCART1	396998.26	3767291.08	396998.26, 3767291.08	1.22548	2.42E-03	2.42E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	6.8E-07	3.5E-07	3.2E-07	9.5E-08	1.5E-06

369	UCART1	397038.26	3767291.08	397038.26, 3767291.08	2.31731	4.57E-03	4.57E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.3E-08	1.3E-06	6.6E-07	6.0E-07	1.8E-07	2.8E-06
370	UCART1	397078.26	3767291.08	397078.26, 3767291.08	3.7133	7.33E-03	7.33E-03	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	8.5E-08	2.0E-06	1.1E-06	9.6E-07	2.9E-07	4.4E-06
371	UCART1	397118.26	3767291.08	397118.26, 3767291.08	4.29258	8.47E-03	8.47E-03	2.9E-06	8.9E-06	5.1E-06	4.6E-06	2.1E-06	9.8E-08	2.4E-06	1.2E-06	1.1E-06	3.3E-07	5.1E-06
372	UCART1	397158.26	3767291.08	397158.26, 3767291.08	7.25732	1.43E-02	1.43E-02	5.0E-06	1.5E-05	8.7E-06	7.9E-06	3.6E-06	1.7E-07	4.0E-06	2.1E-06	1.9E-06	5.7E-07	8.7E-06
373	UCART1	397278.26	3767291.08	397278.26, 3767291.08	5.50076	1.09E-02	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.3E-07	3.0E-06	1.6E-06	1.4E-06	4.3E-07	6.6E-06
374	UCART1	397318.26	3767291.08	397318.26, 3767291.08	4.81857	9.51E-03	9.51E-03	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	1.1E-07	2.7E-06	1.4E-06	1.2E-06	3.8E-07	5.7E-06
375	UCART1	397358.26	3767291.08	397358.26, 3767291.08	2.98005	5.88E-03	5.88E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	6.8E-08	1.6E-06	8.5E-07	7.7E-07	2.3E-07	3.6E-06
376	UCART1	397398.26	3767291.08	397398.26, 3767291.08	2.23957	4.42E-03	4.42E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.4E-07	5.8E-07	1.7E-07	2.7E-06
377	UCART1	397438.26	3767291.08	397438.26, 3767291.08	1.65888	3.27E-03	3.27E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	9.1E-07	4.7E-07	4.3E-07	1.3E-07	2.0E-06
378	UCART1	397478.26	3767291.08	397478.26, 3767291.08	1.24081	2.45E-03	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	6.8E-07	3.5E-07	3.2E-07	9.7E-08	1.5E-06
379	UCART1	397518.26	3767291.08	397518.26, 3767291.08	0.95774	1.89E-03	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.1E-06
380	UCART1	397558.26	3767291.08	397558.26, 3767291.08	0.76951	1.52E-03	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.8E-08	4.2E-07	2.2E-07	2.0E-07	6.0E-08	9.2E-07
381	UCART1	397598.26	3767291.08	397598.26, 3767291.08	0.62507	1.23E-03	1.23E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
382	UCART1	397638.26	3767291.08	397638.26, 3767291.08	0.50694	1.00E-03	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
383	UCART1	397678.26	3767291.08	397678.26, 3767291.08	0.41984	8.29E-04	8.29E-04	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
384	UCART1	397718.26	3767291.08	397718.26, 3767291.08	0.35155	6.94E-04	6.94E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.0E-08	2.7E-08	4.2E-07
385	UCART1	396558.26	3767331.08	396558.26, 3767331.08	0.20322	4.01E-04	4.01E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	1.1E-07	5.8E-08	5.2E-08	1.6E-08	2.4E-07
386	UCART1	396598.26	3767331.08	396598.26, 3767331.08	0.22861	4.51E-04	4.51E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.7E-07
387	UCART1	396638.26	3767331.08	396638.26, 3767331.08	0.25615	5.06E-04	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.8E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
388	UCART1	396678.26	3767331.08	396678.26, 3767331.08	0.29121	5.75E-04	5.75E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.6E-09	1.6E-07	8.3E-08	7.5E-08	2.3E-08	3.5E-07
389	UCART1	396718.26	3767331.08	396718.26, 3767331.08	0.3347	6.61E-04	6.61E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.6E-09	1.8E-07	9.5E-08	8.6E-08	2.6E-08	4.0E-07
390	UCART1	396758.26	3767331.08	396758.26, 3767331.08	0.36825	7.27E-04	7.27E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.5E-08	2.9E-08	4.4E-07
391	UCART1	396798.26	3767331.08	396798.26, 3767331.08	0.40476	7.99E-04	7.99E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.2E-08	4.8E-07
392	UCART1	396838.26	3767331.08	396838.26, 3767331.08	0.46841	9.25E-04	9.25E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.6E-07
393	UCART1	396878.26	3767331.08	396878.26, 3767331.08	0.59483	1.17E-03	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.6E-08	7.1E-07
394	UCART1	396918.26	3767331.08	396918.26, 3767331.08	0.68249	1.35E-03	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.6E-08	3.8E-07	1.9E-07	1.8E-07	5.3E-08	8.1E-07
395	UCART1	396958.26	3767331.08	396958.26, 3767331.08	0.8201	1.62E-03	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.4E-08	9.8E-07
396	UCART1	396998.26	3767331.08	396998.26, 3767331.08	1.0773	2.13E-03	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.5E-08	5.9E-07	3.1E-07	2.8E-07	8.4E-08	1.3E-06
397	UCART1	397038.26	3767331.08	397038.26, 3767331.08	1.78355	3.52E-03	3.52E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.1E-08	9.8E-07	5.1E-07	4.6E-07	1.4E-07	2.1E-06
398	UCART1	397078.26	3767331.08	397078.26, 3767331.08	3.29833	6.51E-03	6.51E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	7.5E-08	1.8E-06	9.4E-07	8.5E-07	2.6E-07	3.9E-06
399	UCART1	397118.26	3767331.08	397118.26, 3767331.08	4.70045	9.28E-03	9.28E-03	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.1E-07	2.6E-06	1.3E-06	1.2E-06	3.7E-07	5.6E-06
400	UCART1	397158.26	3767331.08	397158.26, 3767331.08	5.93876	1.17E-02	1.17E-02	4.1E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.4E-07	3.3E-06	1.7E-06	1.5E-06	4.6E-07	7.1E-06
401	UCART1	397198.26	3767331.08	397198.26, 3767331.08	6.44728	1.27E-02	1.27E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.5E-07	3.6E-06	1.8E-06	1.7E-06	5.0E-07	7.7E-06
402	UCART1	397238.26	3767331.08	397238.26, 3767331.08	6.55521	1.29E-02	1.29E-02	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.5E-07	3.6E-06	1.9E-06	1.7E-06	5.1E-07	7.8E-06
403	UCART1	397278.26	3767331.08	397278.26, 3767331.08	5.89825	1.16E-02	1.16E-02	4.0E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	1.3E-07	3.3E-06	1.7E-06	1.5E-06	4.6E-07	7.0E-06
404	UCART1	397318.26	3767331.08	397318.26, 3767331.08	4.34688	8.58E-03	8.58E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.1E-06	9.9E-08	2.4E-06	1.2E-06	1.1E-06	3.4E-07	5.2E-06
405	UCART1	397358.26	3767331.08	397358.26, 3767331.08	3.43035	6.77E-03	6.77E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.8E-08	1.9E-06	9.7E-07	8.8E-07	2.7E-07	4.1E-06
406	UCART1	397398.26	3767331.08	397398.26, 3767331.08	2.76297	5.45E-03	5.45E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	1.5E-06	7.8E-07	7.1E-07	2.2E-07	3.3E-06
407	UCART1	397438.26	3767331.08	397438.26, 3767331.08	2.08411	4.11E-03	4.11E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.8E-08	1.1E-06	5.9E-07	5.4E-07	1.6E-07	2.5E-06
408	UCART1	397478.26	3767331.08	397478.26, 3767331.08	1.57705	3.11E-03	3.11E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.6E-08	8.7E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
409	UCART1	397518.26	3767331.08	397518.26, 3767331.08	1.22855	2.42E-03	2.42E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	6.8E-07	3.5E-07	3.2E-07	9.6E-08	1.5E-06
410	UCART1	397558.26	3767331.08	397558.26, 3767331.08	0.97886	1.93E-03	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
411	UCART1	397598.26	3767331.08	397598.26, 3767331.08	0.78378	1.55E-03	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
412	UCART1	397638.26	3767331.08	397638.26, 3767331.08	0.63273	1.25E-03	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
413	UCART1	397678.26	3767331.08	397678.26, 3767331.08	0.5092	1.01E-03	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	4.0E-08	6.1E-07
414	UCART1	397718.26	3767331.08	397718.26, 3767331.08	0.4181	8.25E-04	8.25E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
415	UCART1	396558.26	3767371.08	396558.26, 3767371.08	0.19874	3.92E-04	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
416	UCART1	396598.26	3767371.08	396598.26, 3767371.08	0.22061	4.35E-04	4.35E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
417	UCART1	396638.26	3767371.08	396638.26, 3767371.08	0.24751	4.89E-04	4.89E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.6E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
418	UCART1	396678.26	3767371.08	396678.26, 3767371.08	0.28048	5.54E-04	5.54E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	8.0E-08	7.2E-08	2.2E-08	3.3E-07
419	UCART1	396718.26	3767371.08	396718.26, 3767371.08	0.32298	6.37E-04	6.37E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.2E-08	8.3E-08	2.5E-08	3.9E-07
420	UCART1	396758.26	3767371.08	396758.26, 3767371.08	0.35816	7.07E-04	7.07E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.2E-09	2.0E-07	1.0E-07	9.2E-08	2.8E-08	4.3E-07
421	UCART1	396798.26	3767371.08	396798.26, 3767371.08	0.38902	7.68E-04	7.68E-04	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.9E-09	2.1E-07	1.1E-07	1.0E-07	3.0E-08	4.6E-07
422	UCART1	396838.26	3767371.08	396838.26, 3767371.08	0.44311	8.75E-04	8.75E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	1.3E-07	1.1E-07	3.5E-08	5.3E-07
423	UCART1	396878.26	3767371.08	396878.26, 3767371.08	0.54584	1.08E-03	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.3E-08	6.5E-07
424	UCART1	396918.26	3767371.08	396918.26, 3767371.08	0.62957	1.24E-03	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
425	UCART1	396958.26	3767371.08	396958.26, 3767371.08	0.74551	1.47E-03	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
426	UCART1	396998.26	3767371.08	396998.26, 3767371.08	0.96512	1.90E-03	1.90E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.2E-06
427	UCART1	397038.26	3767371.08	397038.26, 3767371.08	1.41244	2.79E-03	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.0E-07	3.6E-07	1.1E-07	1.7E-06
428	UCART1	397078.26	3767371.08	397078.26, 3767371.08	2.35928	4.66E-03	4.66E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.4E-08	1.3E-06	6.7E-07	6.1E-07	1.8E-07	2.8E-06
429	UCART1	397118.26	3767371.08	397118.26, 3767371.08	3.28667	6.49E-03	6.49E-03	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	7.5E-08	1.8E-06	9.3E-07	8.5E-07	2.6E-07	3.9E-06
430	UCART1	397158.26	3767371.08	397158.26, 3767371.08	4.28108	8.45E-03	8.45E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	9.8E-08	2.4E-06	1.2E-06	1.1E-06	3.3E-07	5.1E-06
431	UCART1	397198.26	3767371.08	397198.26, 3767371.08	4.77214	9.42E-03	9.42E-03	3.3E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	1.1E-07	2.6E-06	1.4E-06	1.2E-06	3.7E-07	5.7E-06
432	UCART1	397238.26	3767371.08	397238.26, 3767371.08	4.751	9.38E-03	9.38E-03	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.1E-07	2.6E-06	1.3E-06	1.2E-06	3.7E-07	5.7E-06
433	UCART1	397278.26	3767371.08	397278.26, 3767371.08	4.45102	8.79E-03	8.79E-03	3.0E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	1.0E-07	2.5E-06	1.3E-06	1.1E-06	3.5E-07	5.3E-06
434	UCART1	397318.26	3767371.08	397318.26, 3767371.08	3.99105	7.88E-03	7.88E-03	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	9.1E-08	2.2E-06	1.1E-06	1.0E-06	3.1E-07	4.8E-06
435	UCART1	397358.26	3767371.08	397358.26, 3767371.08	3.39679	6.70E-03	6.70E-03	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	7.7E-08	1.9E-06	9.6E-07	8.7E-07	2.6E-07	4.1E-06
436	UCART1	397398.26	3767371.08	397398.26, 3767371.08	2.90862	5.74E-03	5.74E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.3E-07	7.5E-07	2.3E-07	3.5E-06
437	UCART1	397438.26	3767371.08	397438.26, 3767371.08	2.30259	4.54E-03	4.54E-03	1.6E-06	4.8E-06	2.7E-06	2.5E-06	1.1E-06	5.3E-08	1.3E-06	6.5E-07	5.9E-07	1.8E-07	2.7E-06
438	UCART1	397478.26	3767371.08	397478.26, 3767371.08	1.81774	3.59E-03	3.59E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.1E-08	1.0E-06	5.2E-07	4.7E-07	1.4E-07	2.2E-06
439	UCART1	397518.26	3767371.08	397518.26, 3767371.08	1.44216	2.85E-03	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.3E-08	7.9E-07	4.1E-07	3.7E-07	1.1E-07	1.7E-06
440	UCART1	397558.26	3767371.08	397558.26, 3767371.08	1.16045	2.29E-03	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	6.4E-07	3.3E-07	3.0E-07	9.0E-08	1.4E-06
441	UCART1	397598.26	3767371.08	397598.26, 3767371.08	0.93361	1.84E-03	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	5.1E-07	2.6E-07	2.4E-07	7.3E-08	1.1E-06
442	UCART1	397638.26	3767371.08	397638.26, 3767371.08	0.75711	1.49E-03	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	1.7E-08	4.2E-07	2.1E-07	1.9E-07	5.9E-08	9.0E-07
443	UCART1	397678.26	3767371.08	397678.26, 3767371.08	0.61487	1.21E-03	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.7E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.8E-08	7.3E-07
444	UCART1	397718.26	3767371.08	397718.26, 3767371.08	0.49355	9.74E-04	9.74E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
445	UCART1	396558.26	3767411.08	396558.26, 3767411.08	0.19292	3.81E-04	3.81E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
446	UCART1	396598.26	3767411.08	396598.26, 3767411.08	0.21335	4.21E-04	4.21E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.5E-07
447	UCART1	396638.26	3767411.08	396638.26, 3767411.08	0.23927	4.72E-04	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
448	UCART1	396678.26	3767411.08	396678.26, 3767411.08	0.27194	5.37E-04	5.37E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.2E-09	1.5E-07	7.7E-08	7.0E-08	2.1E-08	3.2E-07
449	UCART1	396718.26	3767411.08	396718.26, 3767411.08	0.31101	6.14E-04	6.14E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
450	UCART1	396758.26	3767411.08	396758.26, 3767411.08	0.34661	6.84E-04	6.84E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
451	UCART1	396798.26	3767411.08	396798.26, 3767411.08	0.37334	7.37E-04	7.37E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	8.5E-09	2.1E-07	1.1E-07	9.6E-08	2.9E-08	4.5E-07
452	UCART1	396838.26	3767411.08	396838.26, 3767411.08	0.42082	8.31E-04	8.31E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
453	UCART1	396878.26	3767411.08	396878.26, 3767411.08	0.50492	9.97E-04	9.97E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
454	UCART1	396918.26	3767411.08	396918.26, 3767411.08	0.57403	1.13E-03	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.8E-07
455	UCART1	396958.26	3767411.08	396958.26, 3767411.08	0.67005	1.32E-03	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	8.0E-07
456	UCART1	396998.26	3767411.08	396998.26, 3767411.08	0.85969	1.70E-03	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.0E-08	4.7E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
457	UCART1	397038.26	3767411.08	397038.26, 3767411.08	1.24886	2.46E-03	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.8E-08	6.9E-07	3.5E-07	3.2E-07	9.7E-08	1.5E-06
458	UCART1	397078.26	3767411.08	397078.26, 3767411.08	1.88382	3.72E-03	3.72E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	4.3E-08	1.0E-06	5.3E-07	4.8E-07	1.5E-07	2.2E-06
459	UCART1	397118.26	3767411.08	397118.26, 3767411.08	2.5213	4.98E-03	4.98E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.8E-08	1.4E-06	7.2E-07	6.5E-07	2.0E-07	3.0E-06
460	UCART1	397158.26	3767411.08	397158.26, 3767411.08	3.07628	6.07E-03	6.07E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	7.0E-08	1.7E-06	8.7E-07	7.9E-07	2.4E-07	3.7E-06
461	UCART1	397198.26	3767411.08	397198.26, 3767411.08	3.46155	6.83E-03	6.83E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.9E-08	1.9E-06	9.8E-07	8.9E-07	2.7E-07	4.1E-06
462	UCART1	397238.26	3767411.08	397238.26, 3767411.08	3.67307	7.25E-03	7.25E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	8.4E-08	2.0E-06	1.0E-06	9.4E-07	2.9E-07	4.4E-06
463	UCART1	397278.26	3767411.08	397278.26, 3767411.08	3.64948	7.20E-03	7.20E-03	2.5E-06	7.5E-06	4.4E-06	4.0E-06	1.8E-06	8.3E-08	2.0E-06	1.0E-06	9.4E-07	2.8E-07	4.4E-06
464	UCART1	397318.26	3767411.08	397318.26, 3767411.08	3.43972	6.79E-03	6.79E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.8E-08	1.9E-06	9.8E-07	8.8E-07	2.7E-07	4.1E-06
465	UCART1	397358.26	3767411.08	397358.26, 3767411.08	3.07728	6.07E-03	6.07E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	7.0E-08	1.7E-06	8.7E-07	7.9E-07	2.4E-07	3.7E-06
466	UCART1	397398.26	3767411.08	397398.26, 3767411.08	2.74365	5.42E-03	5.42E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	1.5E-06	7.8E-07	7.1E-07	2.1E-07	3.3E-06
467	UCART1	397438.26	3767411.08	397438.26, 3767411.08	2.33584	4.61E-03	4.61E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	5.3E-08	1.3E-06	6.6E-07	6.0E-07	1.8E-07	2.8E-06
468	UCART1	397478.26	3767411.08	397478.26, 3767411.08	1.9315	3.81E-03	3.81E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
469	UCART1	397518.26	3767411.08	397518.26, 3767411.08	1.58207	3.12E-03	3.12E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.6E-08	8.7E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
470	UCART1	397558.26	3767411.08	397558.26, 3767411.08	1.29883	2.56E-03	2.56E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.0E-08	7.2E-07	3.7E-07	3.3E-07	1.0E-07	1.5E-06
471	UCART1	397598.26	3767411.08	397598.26, 3767411.08	1.055	2.08E-03	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.2E-08	1.3E-06
472	UCART1	397638.26	3767411.08	397638.26, 3767411.08	0.8622	1.70E-03	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.8E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
473	UCART1	397678.26	3767411.08	397678.26, 3767411.08	0.70879	1.40E-03	1.40E-03	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.5E-07
474	UCART1	397718.26	3767411.08	397718.26, 3767411.08	0.57601	1.14E-03	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
475	UCART1	396558.26	3767451.08	396558.26, 3767451.08	0.18674	3.69E-04	3.69E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
476	UCART1	396598.26	3767451.08	396598.26, 3767451.08	0.20671	4.08E-04	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
477	UCART1	396638.26	3767451.08	396638.26, 3767451.08	0.2306	4.55E-04	4.55E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.8E-07
478	UCART1	396678.26	3767451.08	396678.26, 3767451.08	0.25998	5.13E-04	5.13E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
479	UCART1	396718.26	3767451.08	396718.26, 3767451.08	0.29314	5.79E-04	5.79E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	1.6E-07	8.3E-08	7.5E-08	2.3E-08	3.5E-07
480	UCART1	396758.26	3767451.08	396758.26, 3767451.08	0.3319	6.55E-04	6.55E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	1.8E-07	9.4E-08	8.5E-08	2.6E-08	4.0E-07
481	UCART1	396798.26	3767451.08	396798.26, 3767451.08	0.35205	6.95E-04	6.95E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.1E-08	2.7E-08	4.2E-07
482	UCART1	396838.26	3767451.08	396838.26, 3767451.08	0.3992	7.88E-04	7.88E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
483	UCART1	396878.26	3767451.08	396878.26, 3767451.08	0.46618	9.20E-04	9.20E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.6E-07
484	UCART1	396918.26	3767451.08	396918.26, 3767451.08	0.52311	1.03E-03	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
485	UCART1	396958.26	3767451.08	396958.26, 3767451.08	0.60306	1.19E-03	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	3.3E-07	1.7E-07	1.6E-07	4.7E-08	7.2E-07
486	UCART1	396998.26	3767451.08	396998.26, 3767451.08	0.74951	1.48E-03	1.48E-03	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
487	UCART1	397038.26	3767451.08	397038.26, 3767451.08	1.03373	2.04E-03	2.04E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	2.9E-07	2.7E-07	8.1E-08	1.2E-06
488	UCART1	397078.26	3767451.08	397078.26, 3767451.08	1.46765	2.90E-03	2.90E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.3E-08	8.1E-07	4.2E-07	3.8E-07	1.1E-07	1.8E-06
489	UCART1	397118.26	3767451.08	397118.26, 3767451.08	1.96994	3.89E-03	3.89E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	4.5E-08	1.1E-06	5.6E-07	5.1E-07	1.5E-07	2.3E-06
490	UCART1	397158.26	3767451.08	397158.26, 3767451.08	2.43024	4.80E-03	4.80E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.5E-08	1.3E-06	6.9E-07	6.3E-07	1.9E-07	2.9E-06
491	UCART1	397198.26	3767451.08	397198.26, 3767451.08	2.73845	5.41E-03	5.41E-03	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	6.2E-08	1.5E-06	7.8E-07	7.0E-07	2.1E-07	3.3E-06
492	UCART1	397238.26	3767451.08	397238.26, 3767451.08	2.93878	5.80E-03	5.80E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	8.3E-07	7.6E-07	2.3E-07	3.5E-06
493	UCART1	397278.26	3767451.08	397278.26, 3767451.08	2.9903	5.90E-03	5.90E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	6.8E-08	1.6E-06	8.5E-07	7.7E-07	2.3E-07	3.6E-06
494	UCART1	397318.26	3767451.08	397318.26, 3767451.08	2.89817	5.72E-03	5.72E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.2E-07	7.5E-07	2.3E-07	3.5E-06
495	UCART1	397358.26	3767451.08	397358.26, 3767451.08	2.7183	5.37E-03	5.37E-03	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	7.7E-07	7.0E-07	2.1E-07	3.2E-06
496	UCART1	397398.26	3767451.08	397398.26, 3767451.08	2.49849	4.93E-03	4.93E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.1E-07	6.4E-07	1.9E-07	3.0E-06
497	UCART1	397438.26	3767451.08	397438.26, 3767451.08	2.23416	4.41E-03	4.41E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.7E-06
498	UCART1	397478.26	3767451.08	397478.26, 3767451.08	1.92554	3.80E-03	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
499	UCART1	397518.26	3767451.08	397518.26, 3767451.08	1.63565	3.23E-03	3.23E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	3.7E-08	9.0E-07	4.6E-07	4.2E-07	1.3E-07	2.0E-06
500	UCART1	397558.26	3767451.08	397558.26, 3767451.08	1.37438	2.71E-03	2.71E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.1E-08	7.6E-07	3.9E-07	3.5E-07	1.1E-07	1.6E-06
501	UCART1	397598.26	3767451.08	397598.26, 3767451.08	1.13527	2.24E-03	2.24E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.3E-07	3.2E-07	2.9E-07	8.8E-08	1.4E-06
502	UCART1	397638.26	3767451.08	397638.26, 3767451.08	0.9395	1.85E-03	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	5.2E-07	2.7E-07	2.4E-07	7.3E-08	1.1E-06
503	UCART1	397678.26	3767451.08	397678.26, 3767451.08	0.77927	1.54E-03	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
504	UCART1	397718.26	3767451.08	397718.26, 3767451.08	0.64397	1.27E-03	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.5E-07	1.8E-07	1.7E-07	5.0E-08	7.7E-07
505	UCART1	396558.26	3767491.08	396558.26, 3767491.08	0.18073	3.57E-04	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	1.0E-07	5.1E-08	4.6E-08	1.4E-08	2.2E-07
506	UCART1	396598.26	3767491.08	396598.26, 3767491.08	0.19905	3.93E-04	3.93E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.6E-08	2.4E-07
507	UCART1	396638.26	3767491.08	396638.26, 3767491.08	0.22128	4.37E-04	4.37E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
508	UCART1	396678.26	3767491.08	396678.26, 3767491.08	0.24628	4.86E-04	4.86E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	1.4E-07	7.0E-08	6.3E-08	1.9E-08	2.9E-07
509	UCART1	396718.26	3767491.08	396718.26, 3767491.08	0.27356	5.40E-04	5.40E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	6.2E-09	1.5E-07	7.8E-08	7.0E-08	2.1E-08	3.3E-07
510	UCART1	396758.26	3767491.08	396758.26, 3767491.08	0.30768	6.07E-04	6.07E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.9E-08	2.4E-08	3.7E-07
511	UCART1	396798.26	3767491.08	396798.26, 3767491.08	0.32983	6.51E-04	6.51E-04	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	9.4E-08	8.5E-08	2.6E-08	3.9E-07
512	UCART1	396838.26	3767491.08	396838.26, 3767491.08	0.36829	7.27E-04	7.27E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.5E-08	2.9E-08	4.4E-07
513	UCART1	396878.26	3767491.08	396878.26, 3767491.08	0.4232	8.35E-04	8.35E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
514	UCART1	396918.26	3767491.08	396918.26, 3767491.08	0.47407	9.36E-04	9.36E-04	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.7E-07
515	UCART1	396958.26	3767491.08	396958.26, 3767491.08	0.54375	1.07E-03	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.5E-07
516	UCART1	396998.26	3767491.08	396998.26, 3767491.08	0.6618	1.31E-03	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.2E-08	7.9E-07
517	UCART1	397038.26	3767491.08	397038.26, 3767491.08	0.8733	1.72E-03	1.72E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.2E-07	6.8E-08	1.0E-06
518	UCART1	397078.26	3767491.08	397078.26, 3767491.08	1.21296	2.39E-03	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.4E-07	3.1E-07	9.5E-08	1.4E-06
519	UCART1	397118.26	3767491.08	397118.26, 3767491.08	1.58892	3.14E-03	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.6E-08	8.8E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
520	UCART1	397158.26	3767491.08	397158.26, 3767491.08	1.93823	3.83E-03	3.83E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
521	UCART1	397198.26	3767491.08	397198.26, 3767491.08	2.21503	4.37E-03	4.37E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.6E-06
522	UCART1	397238.26	3767491.08	397238.26, 3767491.08	2.39431	4.73E-03	4.73E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	5.5E-08	1.3E-06	6.8E-07	6.2E-07	1.9E-07	2.9E-06
523	UCART1	397278.26	3767491.08	397278.26, 3767491.08	2.47938	4.89E-03	4.89E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.0E-07	6.4E-07	1.9E-07	3.0E-06
524	UCART1	397318.26	3767491.08	397318.26, 3767491.08	2.45671	4.85E-03	4.85E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	5.6E-08	1.4E-06	7.0E-07	6.3E-07	1.9E-07	2.9E-06
525	UCART1	397358.26	3767491.08	397358.26, 3767491.08	2.35127	4.64E-03	4.64E-03	1.6E-06	4.9E-06	2.8E-06	2.5E-06	1.2E-06	5.4E-08	1.3E-06	6.7E-07	6.0E-07	1.8E-07	2.8E-06
526	UCART1	397398.26	3767491.08	397398.26, 3767491.08	2.21821	4.38E-03	4.38E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.6E-06
527	UCART1	397438.26	3767491.08	397438.26, 3767491.08	2.04896	4.04E-03	4.04E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.7E-08	1.1E-06	5.8E-07	5.3E-07	1.6E-07	2.4E-06
528	UCART1	397478.26	3767491.08	397478.26, 3767491.08	1.83649	3.62E-03	3.62E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.2E-08	1.0E-06	5.2E-07	4.7E-07	1.4E-07	2.2E-06
529	UCART1	397518.26	3767491.08	397518.26, 3767491.08	1.61217	3.18E-03	3.18E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	3.7E-08	8.9E-07	4.6E-07	4.1E-07	1.3E-07	1.9E-06
530	UCART1	397558.26	3767491.08	397558.26, 3767491.08	1.38566	2.73E-03	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.2E-08	7.6E-07	3.9E-07	3.6E-07	1.1E-07	1.7E-06
531	UCART1	397598.26	3767491.08	397598.26, 3767491.08	1.1683	2.31E-03	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.4E-07	3.3E-07	3.0E-07	9.1E-08	1.4E-06
532	UCART1	397638.26	3767491.08	397638.26, 3767491.08	0.98658	1.95E-03	1.95E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
533	UCART1	397678.26	3767491.08	397678.26, 3767491.08	0.82602	1.63E-03	1.63E-03	5.6E-07	1.7E-06	9.9E-07	8.9E-07	4.1E-07	1.9E-08	4.6E-07	2.3E-07	2.1E-07	6.4E-08	9.9E-07
534	UCART1	397718.26	3767491.08	397718.26, 3767491.08	0.69116	1.36E-03	1.36E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	3.8E-07	2.0E-07	1.8E-07	5.4E-08	8.2E-07
535	UCART1	396558.26	3767531.08	396558.26, 3767531.08	0.17522	3.46E-04	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
536	UCART1	396598.26	3767531.08	396598.26, 3767531.08	0.19277	3.80E-04	3.80E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
537	UCART1	396638.26	3767531.08	396638.26, 3767531.08	0.21488	4.24E-04	4.24E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
538	UCART1	396678.26	3767531.08	396678.26, 3767531.08	0.23894	4.72E-04	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.1E-08	1.9E-08	2.9E-07
539	UCART1	396718.26	3767531.08	396718.26, 3767531.08	0.25966	5.13E-04	5.13E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
540	UCART1	396758.26	3767531.08	396758.26, 3767531.08	0.29144	5.75E-04	5.75E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.6E-09	1.6E-07	8.3E-08	7.5E-08	2.3E-08	3.5E-07
541	UCART1	396798.26	3767531.08	396798.26, 3767531.08	0.30914	6.10E-04	6.10E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
542	UCART1	396838.26	3767531.08	396838.26, 3767531.08	0.34442	6.80E-04	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
543	UCART1	396878.26	3767531.08	396878.26, 3767531.08	0.39148	7.73E-04	7.73E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.9E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
544	UCART1	396918.26	3767531.08	396918.26, 3767531.08	0.43453	8.58E-04	8.58E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
545	UCART1	396958.26	3767531.08	396958.26, 3767531.08	0.49498	9.77E-04	9.77E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.9E-08	5.9E-07
546	UCART1	396998.26	3767531.08	396998.26, 3767531.08	0.59392	1.17E-03	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.6E-08	7.1E-07
547	UCART1	397038.26	3767531.08	397038.26, 3767531.08	0.77049	1.52E-03	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.8E-08	4.2E-07	2.2E-07	2.0E-07	6.0E-08	9.2E-07
548	UCART1	397078.26	3767531.08	397078.26, 3767531.08	1.01865	2.01E-03	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	7.9E-08	1.2E-06
549	UCART1	397118.26	3767531.08	397118.26, 3767531.08	1.31628	2.60E-03	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.3E-07	3.7E-07	3.4E-07	1.0E-07	1.6E-06
550	UCART1	397158.26	3767531.08	397158.26, 3767531.08	1.62682	3.21E-03	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.7E-08	9.0E-07	4.6E-07	4.2E-07	1.3E-07	1.9E-06
551	UCART1	397198.26	3767531.08	397198.26, 3767531.08	1.85815	3.67E-03	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	1.0E-06	5.3E-07	4.8E-07	1.4E-07	2.2E-06
552	UCART1	397238.26	3767531.08	397238.26, 3767531.08	2.01415	3.98E-03	3.98E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	9.9E-07	4.6E-08	1.1E-06	5.7E-07	5.2E-07	1.6E-07	2.4E-06
553	UCART1	397278.26	3767531.08	397278.26, 3767531.08	2.09336	4.13E-03	4.13E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.8E-08	1.2E-06	5.9E-07	5.4E-07	1.6E-07	2.5E-06
554	UCART1	397318.26	3767531.08	397318.26, 3767531.08	2.10485	4.15E-03	4.15E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.8E-08	1.2E-06	6.0E-07	5.4E-07	1.6E-07	2.5E-06
555	UCART1	397358.26	3767531.08	397358.26, 3767531.08	2.04813	4.04E-03	4.04E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.7E-08	1.1E-06	5.8E-07	5.3E-07	1.6E-07	2.4E-06
556	UCART1	397398.26	3767531.08	397398.26, 3767531.08	1.94555	3.84E-03	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
557	UCART1	397438.26	3767531.08	397438.26, 3767531.08	1.86584	3.68E-03	3.68E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.3E-08	1.0E-06	5.3E-07	4.8E-07	1.5E-07	2.2E-06
558	UCART1	397478.26	3767531.08	397478.26, 3767531.08	1.72194	3.40E-03	3.40E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.9E-08	9.5E-07	4.9E-07	4.4E-07	1.3E-07	2.1E-06

559	UCART1	397518.26	3767531.08	397518.26, 3767531.08	1.53801	3.04E-03	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.5E-07	4.4E-07	4.0E-07	1.2E-07	1.8E-06
560	UCART1	397558.26	3767531.08	397558.26, 3767531.08	1.34967	2.66E-03	2.66E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.1E-08	7.4E-07	3.8E-07	3.5E-07	1.1E-07	1.6E-06
561	UCART1	397598.26	3767531.08	397598.26, 3767531.08	1.16088	2.29E-03	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	6.4E-07	3.3E-07	3.0E-07	9.0E-08	1.4E-06
562	UCART1	397638.26	3767531.08	397638.26, 3767531.08	0.99835	1.97E-03	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
563	UCART1	397678.26	3767531.08	397678.26, 3767531.08	0.85294	1.68E-03	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
564	UCART1	397718.26	3767531.08	397718.26, 3767531.08	0.72443	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.7E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
565	RCPT_1	397320.82	3767219.11	397320.82, 3767219.11	3.93122	7.76E-03	7.76E-03	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.0E-08	2.2E-06	1.1E-06	1.0E-06	3.1E-07	4.7E-06
566	RCPT_2	397330.82	3767209.11	397330.82, 3767209.11	3.48995	6.89E-03	6.89E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	8.0E-08	1.9E-06	9.9E-07	9.0E-07	2.7E-07	4.2E-06
567	RCPT_3	397340.82	3767189.11	397340.82, 3767189.11	2.55506	5.04E-03	5.04E-03	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.8E-08	1.4E-06	7.3E-07	6.6E-07	2.0E-07	3.0E-06
568	RCPT_4	397340.82	3767199.11	397340.82, 3767199.11	2.87609	5.68E-03	5.68E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.2E-07	7.4E-07	2.2E-07	3.4E-06
569	RCPT_5	397340.82	3767209.11	397340.82, 3767209.11	3.22001	6.36E-03	6.36E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	7.3E-08	1.8E-06	9.1E-07	8.3E-07	2.5E-07	3.8E-06
570	RCPT_6	397350.82	3767189.11	397350.82, 3767189.11	2.24219	4.43E-03	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.4E-07	5.8E-07	1.7E-07	2.7E-06
571	RCPT_7	397350.82	3767199.11	397350.82, 3767199.11	2.48763	4.91E-03	4.91E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.1E-07	6.4E-07	1.9E-07	3.0E-06
572	RCPT_8	397360.82	3767189.11	397360.82, 3767189.11	1.74557	3.45E-03	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.0E-08	9.6E-07	5.0E-07	4.5E-07	1.4E-07	2.1E-06
573	RCPT_9	397360.82	3767199.11	397360.82, 3767199.11	1.92279	3.80E-03	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.4E-08	1.1E-06	5.5E-07	4.9E-07	1.5E-07	2.3E-06
574	RCPT_10	397370.82	3767189.11	397370.82, 3767189.11	1.33031	2.63E-03	2.63E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.3E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
575	RCPT_11	397380.82	3767189.11	397380.82, 3767189.11	1.09269	2.16E-03	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.0E-07	3.1E-07	2.8E-07	8.5E-08	1.3E-06
576		396934.73	3767169.52	396934.73, 3767169.52	1.31978	2.60E-03	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.3E-07	3.7E-07	3.4E-07	1.0E-07	1.6E-06
577		397014.53	3767229.6	397014.53, 3767229.6	1.70843	3.37E-03	3.37E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.4E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
578		397044.1	3767223.97	397044.1, 3767223.97	2.70418	5.34E-03	5.34E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	7.7E-07	7.0E-07	2.1E-07	3.2E-06
579		397113.57	3767239.93	397113.57, 3767239.93	8.78454	1.73E-02	1.73E-02	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	2.0E-07	4.8E-06	2.5E-06	2.3E-06	6.8E-07	1.0E-05
580		397158.63	3767280.29	397158.63, 3767280.29	8.99881	1.78E-02	1.78E-02	6.1E-06	1.9E-05	1.1E-05	9.7E-06	4.4E-06	2.1E-07	5.0E-06	2.6E-06	2.3E-06	7.0E-07	1.1E-05
581		397168.95	3767307.05	397168.95, 3767307.05	6.59628	1.30E-02	1.30E-02	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	1.5E-07	3.6E-06	1.9E-06	1.7E-06	5.1E-07	7.9E-06
582		397244.05	3767296.72	397244.05, 3767296.72	7.79967	1.54E-02	1.54E-02	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.9E-06	1.8E-07	4.3E-06	2.2E-06	2.0E-06	6.1E-07	9.3E-06
583		397260.95	3767278.88	397260.95, 3767278.88	6.84492	1.35E-02	1.35E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.6E-07	3.8E-06	1.9E-06	1.8E-06	5.3E-07	8.2E-06
584		397409.74	3767205.66	397409.74, 3767205.66	0.98343	1.94E-03	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
585		397422.89	3767189.23	397422.89, 3767189.23	0.79025	1.56E-03	1.56E-03	5.4E-07	1.6E-06	9.4E-07	8.6E-07	3.9E-07	1.8E-08	4.4E-07	2.2E-07	2.0E-07	6.2E-08	9.4E-07
586		397426.64	3767180.78	397426.64, 3767180.78	0.73406	1.45E-03	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.8E-07
587		397420.54	3767170.46	397420.54, 3767170.46	0.71731	1.42E-03	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.6E-08	4.0E-07	2.0E-07	1.8E-07	5.6E-08	8.6E-07
588		397318.68	3767160.13	397318.68, 3767160.13	1.96003	3.87E-03	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	4.5E-08	1.1E-06	5.6E-07	5.0E-07	1.5E-07	2.3E-06
589		397022.98	3767083.62	397022.98, 3767083.62	5.74259	1.13E-02	1.13E-02	3.9E-06	1.2E-05	6.9E-06	6.2E-06	2.8E-06	1.3E-07	3.2E-06	1.6E-06	1.5E-06	4.5E-07	6.8E-06

Worker Risk (Unmitigated)

Discrete Receptor ID					Construction	Worker Dose	Worker Risk	
		X	Y	X, Y	Total	Construction	Construction	Total Risk
1	UCART1	396456.15	3766686.98	396456.15, 3766686.98	4.65E-04	3.1E-07	4.8E-09	1.2E-07
2	UCART1	396501.15	3766686.98	396501.15, 3766686.98	5.14E-04	3.4E-07	5.3E-09	1.3E-07
3	UCART1	396546.15	3766686.98	396546.15, 3766686.98	5.70E-04	3.8E-07	5.9E-09	1.5E-07
4	UCART1	396591.15	3766686.98	396591.15, 3766686.98	6.33E-04	4.2E-07	6.6E-09	1.6E-07
5	UCART1	396636.15	3766686.98	396636.15, 3766686.98	7.03E-04	4.7E-07	7.3E-09	1.8E-07
6	UCART1	396681.15	3766686.98	396681.15, 3766686.98	7.82E-04	5.2E-07	8.1E-09	2.0E-07
7	UCART1	396726.15	3766686.98	396726.15, 3766686.98	8.72E-04	5.8E-07	9.1E-09	2.3E-07
8	UCART1	396771.15	3766686.98	396771.15, 3766686.98	9.74E-04	6.4E-07	1.0E-08	2.5E-07
9	UCART1	396816.15	3766686.98	396816.15, 3766686.98	1.10E-03	7.3E-07	1.1E-08	2.9E-07
10	UCART1	396861.15	3766686.98	396861.15, 3766686.98	1.26E-03	8.3E-07	1.3E-08	3.3E-07
11	UCART1	396456.15	3766731.98	396456.15, 3766731.98	4.86E-04	3.2E-07	5.1E-09	1.3E-07
12	UCART1	396501.15	3766731.98	396501.15, 3766731.98	5.42E-04	3.6E-07	5.6E-09	1.4E-07
13	UCART1	396546.15	3766731.98	396546.15, 3766731.98	6.08E-04	4.0E-07	6.3E-09	1.6E-07
14	UCART1	396591.15	3766731.98	396591.15, 3766731.98	6.85E-04	4.5E-07	7.1E-09	1.8E-07
15	UCART1	396636.15	3766731.98	396636.15, 3766731.98	7.76E-04	5.1E-07	8.1E-09	2.0E-07
16	UCART1	396681.15	3766731.98	396681.15, 3766731.98	8.82E-04	5.8E-07	9.2E-09	2.3E-07
17	UCART1	396726.15	3766731.98	396726.15, 3766731.98	1.01E-03	6.7E-07	1.0E-08	2.6E-07
18	UCART1	396771.15	3766731.98	396771.15, 3766731.98	1.17E-03	7.7E-07	1.2E-08	3.0E-07
19	UCART1	396816.15	3766731.98	396816.15, 3766731.98	1.39E-03	9.2E-07	1.4E-08	3.6E-07
20	UCART1	396861.15	3766731.98	396861.15, 3766731.98	1.77E-03	1.2E-06	1.8E-08	4.6E-07
21	UCART1	396906.15	3766731.98	396906.15, 3766731.98	2.76E-03	1.8E-06	2.9E-08	7.2E-07
22	UCART1	396951.15	3766731.98	396951.15, 3766731.98	3.32E-03	2.2E-06	3.5E-08	8.6E-07
23	UCART1	396996.15	3766731.98	396996.15, 3766731.98	2.52E-03	1.7E-06	2.6E-08	6.5E-07
24	UCART1	397041.15	3766731.98	397041.15, 3766731.98	1.54E-03	1.0E-06	1.6E-08	4.0E-07
25	UCART1	396456.15	3766776.98	396456.15, 3766776.98	5.08E-04	3.4E-07	5.3E-09	1.3E-07
26	UCART1	396501.15	3766776.98	396501.15, 3766776.98	5.70E-04	3.8E-07	5.9E-09	1.5E-07
27	UCART1	396546.15	3766776.98	396546.15, 3766776.98	6.45E-04	4.3E-07	6.7E-09	1.7E-07
28	UCART1	396591.15	3766776.98	396591.15, 3766776.98	7.36E-04	4.9E-07	7.7E-09	1.9E-07
29	UCART1	396636.15	3766776.98	396636.15, 3766776.98	8.49E-04	5.6E-07	8.8E-09	2.2E-07
30	UCART1	396681.15	3766776.98	396681.15, 3766776.98	9.82E-04	6.5E-07	1.0E-08	2.6E-07
31	UCART1	396726.15	3766776.98	396726.15, 3766776.98	1.16E-03	7.7E-07	1.2E-08	3.0E-07
32	UCART1	396771.15	3766776.98	396771.15, 3766776.98	1.40E-03	9.3E-07	1.5E-08	3.6E-07
33	UCART1	396816.15	3766776.98	396816.15, 3766776.98	1.84E-03	1.2E-06	1.9E-08	4.8E-07
34	UCART1	396861.15	3766776.98	396861.15, 3766776.98	2.86E-03	1.9E-06	3.0E-08	7.4E-07
35	UCART1	396906.15	3766776.98	396906.15, 3766776.98	4.04E-03	2.7E-06	4.2E-08	1.1E-06
36	UCART1	396951.15	3766776.98	396951.15, 3766776.98	4.57E-03	3.0E-06	4.8E-08	1.2E-06
37	UCART1	396996.15	3766776.98	396996.15, 3766776.98	2.46E-03	1.6E-06	2.6E-08	6.4E-07
38	UCART1	397041.15	3766776.98	397041.15, 3766776.98	1.89E-03	1.2E-06	2.0E-08	4.9E-07
39	UCART1	397086.15	3766776.98	397086.15, 3766776.98	1.69E-03	1.1E-06	1.8E-08	4.4E-07
40	UCART1	397131.15	3766776.98	397131.15, 3766776.98	1.59E-03	1.1E-06	1.7E-08	4.1E-07
41	UCART1	396456.15	3766821.98	396456.15, 3766821.98	5.27E-04	3.5E-07	5.5E-09	1.4E-07
42	UCART1	396501.15	3766821.98	396501.15, 3766821.98	5.97E-04	3.9E-07	6.2E-09	1.6E-07
43	UCART1	396546.15	3766821.98	396546.15, 3766821.98	6.81E-04	4.5E-07	7.1E-09	1.8E-07
44	UCART1	396591.15	3766821.98	396591.15, 3766821.98	7.85E-04	5.2E-07	8.2E-09	2.0E-07
45	UCART1	396636.15	3766821.98	396636.15, 3766821.98	9.18E-04	6.1E-07	9.5E-09	2.4E-07
46	UCART1	396681.15	3766821.98	396681.15, 3766821.98	1.09E-03	7.2E-07	1.1E-08	2.8E-07
47	UCART1	396726.15	3766821.98	396726.15, 3766821.98	1.33E-03	8.8E-07	1.4E-08	3.4E-07
48	UCART1	396771.15	3766821.98	396771.15, 3766821.98	1.73E-03	1.1E-06	1.8E-08	4.5E-07
49	UCART1	396816.15	3766821.98	396816.15, 3766821.98	2.71E-03	1.8E-06	2.8E-08	7.1E-07
50	UCART1	396861.15	3766821.98	396861.15, 3766821.98	5.40E-03	3.6E-06	5.6E-08	1.4E-06
51	UCART1	396906.15	3766821.98	396906.15, 3766821.98	5.64E-03	3.7E-06	5.9E-08	1.5E-06
52	UCART1	396951.15	3766821.98	396951.15, 3766821.98	3.23E-03	2.1E-06	3.4E-08	8.4E-07

53	UCART1	396996.15	3766821.98	396996.15, 3766821.98	2.59E-03	1.7E-06	2.7E-08	6.7E-07
54	UCART1	397041.15	3766821.98	397041.15, 3766821.98	2.29E-03	1.5E-06	2.4E-08	6.0E-07
55	UCART1	397086.15	3766821.98	397086.15, 3766821.98	2.14E-03	1.4E-06	2.2E-08	5.6E-07
56	UCART1	397131.15	3766821.98	397131.15, 3766821.98	2.03E-03	1.3E-06	2.1E-08	5.3E-07
57	UCART1	397176.15	3766821.98	397176.15, 3766821.98	1.93E-03	1.3E-06	2.0E-08	5.0E-07
58	UCART1	397221.15	3766821.98	397221.15, 3766821.98	1.82E-03	1.2E-06	1.9E-08	4.7E-07
59	UCART1	396456.15	3766866.98	396456.15, 3766866.98	5.44E-04	3.6E-07	5.7E-09	1.4E-07
60	UCART1	396501.15	3766866.98	396501.15, 3766866.98	6.21E-04	4.1E-07	6.5E-09	1.6E-07
61	UCART1	396546.15	3766866.98	396546.15, 3766866.98	7.14E-04	4.7E-07	7.4E-09	1.9E-07
62	UCART1	396591.15	3766866.98	396591.15, 3766866.98	8.31E-04	5.5E-07	8.6E-09	2.2E-07
63	UCART1	396636.15	3766866.98	396636.15, 3766866.98	9.82E-04	6.5E-07	1.0E-08	2.6E-07
64	UCART1	396681.15	3766866.98	396681.15, 3766866.98	1.19E-03	7.8E-07	1.2E-08	3.1E-07
65	UCART1	396726.15	3766866.98	396726.15, 3766866.98	1.48E-03	9.8E-07	1.5E-08	3.9E-07
66	UCART1	396771.15	3766866.98	396771.15, 3766866.98	2.04E-03	1.4E-06	2.1E-08	5.3E-07
67	UCART1	396816.15	3766866.98	396816.15, 3766866.98	4.48E-03	3.0E-06	4.7E-08	1.2E-06
68	UCART1	396861.15	3766866.98	396861.15, 3766866.98	7.44E-03	4.9E-06	7.7E-08	1.9E-06
69	UCART1	396906.15	3766866.98	396906.15, 3766866.98	4.04E-03	2.7E-06	4.2E-08	1.0E-06
70	UCART1	396951.15	3766866.98	396951.15, 3766866.98	3.32E-03	2.2E-06	3.5E-08	8.6E-07
71	UCART1	396996.15	3766866.98	396996.15, 3766866.98	3.04E-03	2.0E-06	3.2E-08	7.9E-07
72	UCART1	397041.15	3766866.98	397041.15, 3766866.98	2.89E-03	1.9E-06	3.0E-08	7.5E-07
73	UCART1	397086.15	3766866.98	397086.15, 3766866.98	2.78E-03	1.8E-06	2.9E-08	7.2E-07
74	UCART1	397131.15	3766866.98	397131.15, 3766866.98	2.67E-03	1.8E-06	2.8E-08	6.9E-07
75	UCART1	397176.15	3766866.98	397176.15, 3766866.98	2.54E-03	1.7E-06	2.6E-08	6.6E-07
76	UCART1	397221.15	3766866.98	397221.15, 3766866.98	2.39E-03	1.6E-06	2.5E-08	6.2E-07
77	UCART1	397266.15	3766866.98	397266.15, 3766866.98	2.21E-03	1.5E-06	2.3E-08	5.7E-07
78	UCART1	397311.15	3766866.98	397311.15, 3766866.98	2.02E-03	1.3E-06	2.1E-08	5.3E-07
79	UCART1	397356.15	3766866.98	397356.15, 3766866.98	1.83E-03	1.2E-06	1.9E-08	4.8E-07
80	UCART1	396456.15	3766911.98	396456.15, 3766911.98	5.58E-04	3.7E-07	5.8E-09	1.4E-07
81	UCART1	396501.15	3766911.98	396501.15, 3766911.98	6.40E-04	4.2E-07	6.7E-09	1.7E-07
82	UCART1	396546.15	3766911.98	396546.15, 3766911.98	7.42E-04	4.9E-07	7.7E-09	1.9E-07
83	UCART1	396591.15	3766911.98	396591.15, 3766911.98	8.71E-04	5.8E-07	9.1E-09	2.3E-07
84	UCART1	396636.15	3766911.98	396636.15, 3766911.98	1.04E-03	6.9E-07	1.1E-08	2.7E-07
85	UCART1	396681.15	3766911.98	396681.15, 3766911.98	1.27E-03	8.4E-07	1.3E-08	3.3E-07
86	UCART1	396726.15	3766911.98	396726.15, 3766911.98	1.61E-03	1.1E-06	1.7E-08	4.2E-07
87	UCART1	396771.15	3766911.98	396771.15, 3766911.98	2.20E-03	1.5E-06	2.3E-08	5.7E-07
88	UCART1	396816.15	3766911.98	396816.15, 3766911.98	4.00E-03	2.6E-06	4.2E-08	1.0E-06
89	UCART1	396861.15	3766911.98	396861.15, 3766911.98	5.64E-03	3.7E-06	5.9E-08	1.5E-06
90	UCART1	396906.15	3766911.98	396906.15, 3766911.98	5.07E-03	3.4E-06	5.3E-08	1.3E-06
91	UCART1	396951.15	3766911.98	396951.15, 3766911.98	4.12E-03	2.7E-06	4.3E-08	1.1E-06
92	UCART1	396996.15	3766911.98	396996.15, 3766911.98	3.93E-03	2.6E-06	4.1E-08	1.0E-06
93	UCART1	397041.15	3766911.98	397041.15, 3766911.98	3.87E-03	2.6E-06	4.0E-08	1.0E-06
94	UCART1	397086.15	3766911.98	397086.15, 3766911.98	3.79E-03	2.5E-06	3.9E-08	9.9E-07
95	UCART1	397131.15	3766911.98	397131.15, 3766911.98	3.65E-03	2.4E-06	3.8E-08	9.5E-07
96	UCART1	397176.15	3766911.98	397176.15, 3766911.98	3.49E-03	2.3E-06	3.6E-08	9.1E-07
97	UCART1	397221.15	3766911.98	397221.15, 3766911.98	3.24E-03	2.1E-06	3.4E-08	8.4E-07
98	UCART1	397266.15	3766911.98	397266.15, 3766911.98	2.97E-03	2.0E-06	3.1E-08	7.7E-07
99	UCART1	397311.15	3766911.98	397311.15, 3766911.98	2.69E-03	1.8E-06	2.8E-08	7.0E-07
100	UCART1	397356.15	3766911.98	397356.15, 3766911.98	2.39E-03	1.6E-06	2.5E-08	6.2E-07
101	UCART1	396456.15	3766956.98	396456.15, 3766956.98	5.68E-04	3.8E-07	5.9E-09	1.5E-07
102	UCART1	396501.15	3766956.98	396501.15, 3766956.98	6.56E-04	4.3E-07	6.8E-09	1.7E-07
103	UCART1	396546.15	3766956.98	396546.15, 3766956.98	7.65E-04	5.1E-07	8.0E-09	2.0E-07
104	UCART1	396591.15	3766956.98	396591.15, 3766956.98	9.05E-04	6.0E-07	9.4E-09	2.4E-07
105	UCART1	396636.15	3766956.98	396636.15, 3766956.98	1.09E-03	7.2E-07	1.1E-08	2.8E-07
106	UCART1	396681.15	3766956.98	396681.15, 3766956.98	1.34E-03	8.9E-07	1.4E-08	3.5E-07
107	UCART1	396726.15	3766956.98	396726.15, 3766956.98	1.70E-03	1.1E-06	1.8E-08	4.4E-07
108	UCART1	396771.15	3766956.98	396771.15, 3766956.98	2.26E-03	1.5E-06	2.4E-08	5.9E-07
109	UCART1	396816.15	3766956.98	396816.15, 3766956.98	3.31E-03	2.2E-06	3.4E-08	8.6E-07
110	UCART1	396861.15	3766956.98	396861.15, 3766956.98	6.04E-03	4.0E-06	6.3E-08	1.6E-06
111	UCART1	396906.15	3766956.98	396906.15, 3766956.98	6.57E-03	4.3E-06	6.8E-08	1.7E-06
112	UCART1	396951.15	3766956.98	396951.15, 3766956.98	6.23E-03	4.1E-06	6.5E-08	1.6E-06
113	UCART1	396996.15	3766956.98	396996.15, 3766956.98	5.61E-03	3.7E-06	5.8E-08	1.5E-06
114	UCART1	397041.15	3766956.98	397041.15, 3766956.98	5.58E-03	3.7E-06	5.8E-08	1.4E-06
115	UCART1	397086.15	3766956.98	397086.15, 3766956.98	5.53E-03	3.7E-06	5.7E-08	1.4E-06

116	UCART1	397131.15	3766956.98	397131.15, 3766956.98	5.25E-03	3.5E-06	5.5E-08	1.4E-06
117	UCART1	397176.15	3766956.98	397176.15, 3766956.98	4.97E-03	3.3E-06	5.2E-08	1.3E-06
118	UCART1	397221.15	3766956.98	397221.15, 3766956.98	4.59E-03	3.0E-06	4.8E-08	1.2E-06
119	UCART1	397266.15	3766956.98	397266.15, 3766956.98	4.17E-03	2.8E-06	4.3E-08	1.1E-06
120	UCART1	397311.15	3766956.98	397311.15, 3766956.98	3.71E-03	2.5E-06	3.9E-08	9.6E-07
121	UCART1	397356.15	3766956.98	397356.15, 3766956.98	3.08E-03	2.0E-06	3.2E-08	8.0E-07
122	UCART1	397401.15	3766956.98	397401.15, 3766956.98	2.75E-03	1.8E-06	2.9E-08	7.1E-07
123	UCART1	397446.15	3766956.98	397446.15, 3766956.98	2.35E-03	1.6E-06	2.4E-08	6.1E-07
124	UCART1	397491.15	3766956.98	397491.15, 3766956.98	1.99E-03	1.3E-06	2.1E-08	5.2E-07
125	UCART1	397536.15	3766956.98	397536.15, 3766956.98	1.67E-03	1.1E-06	1.7E-08	4.3E-07
126	UCART1	397581.15	3766956.98	397581.15, 3766956.98	1.41E-03	9.3E-07	1.5E-08	3.7E-07
127	UCART1	397626.15	3766956.98	397626.15, 3766956.98	1.20E-03	7.9E-07	1.2E-08	3.1E-07
128	UCART1	397671.15	3766956.98	397671.15, 3766956.98	1.02E-03	6.8E-07	1.1E-08	2.7E-07
129	UCART1	397716.15	3766956.98	397716.15, 3766956.98	8.69E-04	5.8E-07	9.0E-09	2.3E-07
130	UCART1	397761.15	3766956.98	397761.15, 3766956.98	7.27E-04	4.8E-07	7.6E-09	1.9E-07
131	UCART1	397806.15	3766956.98	397806.15, 3766956.98	6.24E-04	4.1E-07	6.5E-09	1.6E-07
132	UCART1	397851.15	3766956.98	397851.15, 3766956.98	5.40E-04	3.6E-07	5.6E-09	1.4E-07
133	UCART1	397896.15	3766956.98	397896.15, 3766956.98	4.76E-04	3.1E-07	4.9E-09	1.2E-07
134	UCART1	397941.15	3766956.98	397941.15, 3766956.98	4.17E-04	2.8E-07	4.3E-09	1.1E-07
135	UCART1	396456.15	3767001.98	396456.15, 3767001.98	5.75E-04	3.8E-07	6.0E-09	1.5E-07
136	UCART1	396501.15	3767001.98	396501.15, 3767001.98	6.66E-04	4.4E-07	6.9E-09	1.7E-07
137	UCART1	396546.15	3767001.98	396546.15, 3767001.98	7.82E-04	5.2E-07	8.1E-09	2.0E-07
138	UCART1	396591.15	3767001.98	396591.15, 3767001.98	9.30E-04	6.2E-07	9.7E-09	2.4E-07
139	UCART1	396636.15	3767001.98	396636.15, 3767001.98	1.13E-03	7.5E-07	1.2E-08	2.9E-07
140	UCART1	396681.15	3767001.98	396681.15, 3767001.98	1.40E-03	9.3E-07	1.5E-08	3.6E-07
141	UCART1	396726.15	3767001.98	396726.15, 3767001.98	1.79E-03	1.2E-06	1.9E-08	4.6E-07
142	UCART1	396771.15	3767001.98	396771.15, 3767001.98	2.36E-03	1.6E-06	2.5E-08	6.1E-07
143	UCART1	396816.15	3767001.98	396816.15, 3767001.98	3.25E-03	2.1E-06	3.4E-08	8.4E-07
144	UCART1	396861.15	3767001.98	396861.15, 3767001.98	4.73E-03	3.1E-06	4.9E-08	1.2E-06
145	UCART1	396906.15	3767001.98	396906.15, 3767001.98	7.83E-03	5.2E-06	8.1E-08	2.0E-06
146	UCART1	396951.15	3767001.98	396951.15, 3767001.98	8.94E-03	5.9E-06	9.3E-08	2.3E-06
147	UCART1	396996.15	3767001.98	396996.15, 3767001.98	9.38E-03	6.2E-06	9.7E-08	2.4E-06
148	UCART1	397041.15	3767001.98	397041.15, 3767001.98	9.09E-03	6.0E-06	9.5E-08	2.4E-06
149	UCART1	397086.15	3767001.98	397086.15, 3767001.98	8.94E-03	5.9E-06	9.3E-08	2.3E-06
150	UCART1	397131.15	3767001.98	397131.15, 3767001.98	8.35E-03	5.5E-06	8.7E-08	2.2E-06
151	UCART1	397176.15	3767001.98	397176.15, 3767001.98	7.74E-03	5.1E-06	8.0E-08	2.0E-06
152	UCART1	397221.15	3767001.98	397221.15, 3767001.98	7.01E-03	4.6E-06	7.3E-08	1.8E-06
153	UCART1	397266.15	3767001.98	397266.15, 3767001.98	6.22E-03	4.1E-06	6.5E-08	1.6E-06
154	UCART1	397311.15	3767001.98	397311.15, 3767001.98	5.37E-03	3.6E-06	5.6E-08	1.4E-06
155	UCART1	397356.15	3767001.98	397356.15, 3767001.98	4.29E-03	2.8E-06	4.5E-08	1.1E-06
156	UCART1	397401.15	3767001.98	397401.15, 3767001.98	3.36E-03	2.2E-06	3.5E-08	8.7E-07
157	UCART1	397446.15	3767001.98	397446.15, 3767001.98	3.11E-03	2.1E-06	3.2E-08	8.1E-07
158	UCART1	397491.15	3767001.98	397491.15, 3767001.98	2.55E-03	1.7E-06	2.6E-08	6.6E-07
159	UCART1	397536.15	3767001.98	397536.15, 3767001.98	2.08E-03	1.4E-06	2.2E-08	5.4E-07
160	UCART1	397581.15	3767001.98	397581.15, 3767001.98	1.71E-03	1.1E-06	1.8E-08	4.5E-07
161	UCART1	397626.15	3767001.98	397626.15, 3767001.98	1.43E-03	9.5E-07	1.5E-08	3.7E-07
162	UCART1	397671.15	3767001.98	397671.15, 3767001.98	1.21E-03	8.0E-07	1.3E-08	3.1E-07
163	UCART1	397716.15	3767001.98	397716.15, 3767001.98	9.88E-04	6.5E-07	1.0E-08	2.6E-07
164	UCART1	397761.15	3767001.98	397761.15, 3767001.98	8.20E-04	5.4E-07	8.5E-09	2.1E-07
165	UCART1	397806.15	3767001.98	397806.15, 3767001.98	6.81E-04	4.5E-07	7.1E-09	1.8E-07
166	UCART1	397851.15	3767001.98	397851.15, 3767001.98	5.76E-04	3.8E-07	6.0E-09	1.5E-07
167	UCART1	397896.15	3767001.98	397896.15, 3767001.98	5.00E-04	3.3E-07	5.2E-09	1.3E-07
168	UCART1	397941.15	3767001.98	397941.15, 3767001.98	4.39E-04	2.9E-07	4.6E-09	1.1E-07
169	UCART1	396456.15	3767046.98	396456.15, 3767046.98	5.78E-04	3.8E-07	6.0E-09	1.5E-07
170	UCART1	396501.15	3767046.98	396501.15, 3767046.98	6.71E-04	4.4E-07	7.0E-09	1.7E-07
171	UCART1	396546.15	3767046.98	396546.15, 3767046.98	7.90E-04	5.2E-07	8.2E-09	2.1E-07
172	UCART1	396591.15	3767046.98	396591.15, 3767046.98	9.46E-04	6.3E-07	9.8E-09	2.5E-07
173	UCART1	396636.15	3767046.98	396636.15, 3767046.98	1.15E-03	7.6E-07	1.2E-08	3.0E-07
174	UCART1	396681.15	3767046.98	396681.15, 3767046.98	1.44E-03	9.6E-07	1.5E-08	3.8E-07
175	UCART1	396726.15	3767046.98	396726.15, 3767046.98	1.86E-03	1.2E-06	1.9E-08	4.8E-07
176	UCART1	396771.15	3767046.98	396771.15, 3767046.98	2.47E-03	1.6E-06	2.6E-08	6.4E-07
177	UCART1	396816.15	3767046.98	396816.15, 3767046.98	3.42E-03	2.3E-06	3.6E-08	8.9E-07
178	UCART1	396861.15	3767046.98	396861.15, 3767046.98	4.92E-03	3.3E-06	5.1E-08	1.3E-06

179	UCART1	396906.15	3767046.98	396906.15, 3767046.98	7.43E-03	4.9E-06	7.7E-08	1.9E-06
180	UCART1	396951.15	3767046.98	396951.15, 3767046.98	1.22E-02	8.1E-06	1.3E-07	3.2E-06
181	UCART1	396996.15	3767046.98	396996.15, 3767046.98	1.65E-02	1.1E-05	1.7E-07	4.3E-06
182	UCART1	397041.15	3767046.98	397041.15, 3767046.98	1.93E-02	1.3E-05	2.0E-07	5.0E-06
183	UCART1	397086.15	3767046.98	397086.15, 3767046.98	1.77E-02	1.2E-05	1.8E-07	4.6E-06
184	UCART1	397131.15	3767046.98	397131.15, 3767046.98	1.56E-02	1.0E-05	1.6E-07	4.1E-06
185	UCART1	397176.15	3767046.98	397176.15, 3767046.98	1.37E-02	9.1E-06	1.4E-07	3.6E-06
186	UCART1	397221.15	3767046.98	397221.15, 3767046.98	1.19E-02	7.9E-06	1.2E-07	3.1E-06
187	UCART1	397266.15	3767046.98	397266.15, 3767046.98	1.02E-02	6.8E-06	1.1E-07	2.7E-06
188	UCART1	397311.15	3767046.98	397311.15, 3767046.98	8.54E-03	5.7E-06	8.9E-08	2.2E-06
189	UCART1	397356.15	3767046.98	397356.15, 3767046.98	6.95E-03	4.6E-06	7.2E-08	1.8E-06
190	UCART1	397401.15	3767046.98	397401.15, 3767046.98	4.88E-03	3.2E-06	5.1E-08	1.3E-06
191	UCART1	397446.15	3767046.98	397446.15, 3767046.98	4.12E-03	2.7E-06	4.3E-08	1.1E-06
192	UCART1	397491.15	3767046.98	397491.15, 3767046.98	3.36E-03	2.2E-06	3.5E-08	8.7E-07
193	UCART1	397536.15	3767046.98	397536.15, 3767046.98	2.64E-03	1.7E-06	2.7E-08	6.9E-07
194	UCART1	397581.15	3767046.98	397581.15, 3767046.98	2.13E-03	1.4E-06	2.2E-08	5.5E-07
195	UCART1	397626.15	3767046.98	397626.15, 3767046.98	1.79E-03	1.2E-06	1.9E-08	4.7E-07
196	UCART1	397671.15	3767046.98	397671.15, 3767046.98	1.55E-03	1.0E-06	1.6E-08	4.0E-07
197	UCART1	397716.15	3767046.98	397716.15, 3767046.98	1.23E-03	8.1E-07	1.3E-08	3.2E-07
198	UCART1	397761.15	3767046.98	397761.15, 3767046.98	9.33E-04	6.2E-07	9.7E-09	2.4E-07
199	UCART1	397806.15	3767046.98	397806.15, 3767046.98	7.42E-04	4.9E-07	7.7E-09	1.9E-07
200	UCART1	397851.15	3767046.98	397851.15, 3767046.98	6.16E-04	4.1E-07	6.4E-09	1.6E-07
201	UCART1	397896.15	3767046.98	397896.15, 3767046.98	5.29E-04	3.5E-07	5.5E-09	1.4E-07
202	UCART1	397941.15	3767046.98	397941.15, 3767046.98	4.60E-04	3.0E-07	4.8E-09	1.2E-07
203	UCART1	396456.15	3767091.98	396456.15, 3767091.98	5.77E-04	3.8E-07	6.0E-09	1.5E-07
204	UCART1	396501.15	3767091.98	396501.15, 3767091.98	6.71E-04	4.4E-07	7.0E-09	1.7E-07
205	UCART1	396546.15	3767091.98	396546.15, 3767091.98	7.92E-04	5.2E-07	8.2E-09	2.1E-07
206	UCART1	396591.15	3767091.98	396591.15, 3767091.98	9.51E-04	6.3E-07	9.9E-09	2.5E-07
207	UCART1	396636.15	3767091.98	396636.15, 3767091.98	1.17E-03	7.7E-07	1.2E-08	3.0E-07
208	UCART1	396681.15	3767091.98	396681.15, 3767091.98	1.46E-03	9.7E-07	1.5E-08	3.8E-07
209	UCART1	396726.15	3767091.98	396726.15, 3767091.98	1.90E-03	1.3E-06	2.0E-08	4.9E-07
210	UCART1	396771.15	3767091.98	396771.15, 3767091.98	2.57E-03	1.7E-06	2.7E-08	6.7E-07
211	UCART1	396816.15	3767091.98	396816.15, 3767091.98	3.64E-03	2.4E-06	3.8E-08	9.5E-07
212	UCART1	396861.15	3767091.98	396861.15, 3767091.98	5.51E-03	3.6E-06	5.7E-08	1.4E-06
213	UCART1	396906.15	3767091.98	396906.15, 3767091.98	9.15E-03	6.1E-06	9.5E-08	2.4E-06
214	UCART1	396951.15	3767091.98	396951.15, 3767091.98	1.73E-02	1.1E-05	1.8E-07	4.5E-06
215	UCART1	397131.15	3767091.98	397131.15, 3767091.98	4.09E-02	2.7E-05	4.2E-07	1.1E-05
216	UCART1	397176.15	3767091.98	397176.15, 3767091.98	3.34E-02	2.2E-05	3.5E-07	8.7E-06
217	UCART1	397221.15	3767091.98	397221.15, 3767091.98	2.55E-02	1.7E-05	2.6E-07	6.6E-06
218	UCART1	397266.15	3767091.98	397266.15, 3767091.98	2.01E-02	1.3E-05	2.1E-07	5.2E-06
219	UCART1	397311.15	3767091.98	397311.15, 3767091.98	1.60E-02	1.1E-05	1.7E-07	4.2E-06
220	UCART1	397356.15	3767091.98	397356.15, 3767091.98	1.24E-02	8.2E-06	1.3E-07	3.2E-06
221	UCART1	397401.15	3767091.98	397401.15, 3767091.98	8.72E-03	5.8E-06	9.1E-08	2.3E-06
222	UCART1	397446.15	3767091.98	397446.15, 3767091.98	6.17E-03	4.1E-06	6.4E-08	1.6E-06
223	UCART1	397491.15	3767091.98	397491.15, 3767091.98	4.29E-03	2.8E-06	4.5E-08	1.1E-06
224	UCART1	397536.15	3767091.98	397536.15, 3767091.98	3.28E-03	2.2E-06	3.4E-08	8.5E-07
225	UCART1	397581.15	3767091.98	397581.15, 3767091.98	2.57E-03	1.7E-06	2.7E-08	6.7E-07
226	UCART1	397626.15	3767091.98	397626.15, 3767091.98	2.49E-03	1.6E-06	2.6E-08	6.5E-07
227	UCART1	397671.15	3767091.98	397671.15, 3767091.98	3.19E-03	2.1E-06	3.3E-08	8.3E-07
228	UCART1	397716.15	3767091.98	397716.15, 3767091.98	1.93E-03	1.3E-06	2.0E-08	5.0E-07
229	UCART1	397761.15	3767091.98	397761.15, 3767091.98	1.10E-03	7.3E-07	1.1E-08	2.8E-07
230	UCART1	397806.15	3767091.98	397806.15, 3767091.98	8.08E-04	5.3E-07	8.4E-09	2.1E-07
231	UCART1	397851.15	3767091.98	397851.15, 3767091.98	6.63E-04	4.4E-07	6.9E-09	1.7E-07
232	UCART1	397896.15	3767091.98	397896.15, 3767091.98	5.64E-04	3.7E-07	5.9E-09	1.5E-07
233	UCART1	397941.15	3767091.98	397941.15, 3767091.98	4.82E-04	3.2E-07	5.0E-09	1.3E-07
234	UCART1	396456.15	3767136.98	396456.15, 3767136.98	5.73E-04	3.8E-07	6.0E-09	1.5E-07
235	UCART1	396501.15	3767136.98	396501.15, 3767136.98	6.66E-04	4.4E-07	6.9E-09	1.7E-07
236	UCART1	396546.15	3767136.98	396546.15, 3767136.98	7.85E-04	5.2E-07	8.2E-09	2.0E-07
237	UCART1	396591.15	3767136.98	396591.15, 3767136.98	9.44E-04	6.2E-07	9.8E-09	2.5E-07
238	UCART1	396636.15	3767136.98	396636.15, 3767136.98	1.16E-03	7.7E-07	1.2E-08	3.0E-07
239	UCART1	396681.15	3767136.98	396681.15, 3767136.98	1.46E-03	9.7E-07	1.5E-08	3.8E-07
240	UCART1	396726.15	3767136.98	396726.15, 3767136.98	1.90E-03	1.3E-06	2.0E-08	4.9E-07
241	UCART1	396771.15	3767136.98	396771.15, 3767136.98	2.59E-03	1.7E-06	2.7E-08	6.7E-07

242	UCART1	396816.15	3767136.98	396816.15, 3767136.98	3.77E-03	2.5E-06	3.9E-08	9.8E-07
243	UCART1	396861.15	3767136.98	396861.15, 3767136.98	6.06E-03	4.0E-06	6.3E-08	1.6E-06
244	UCART1	396906.15	3767136.98	396906.15, 3767136.98	1.18E-02	7.8E-06	1.2E-07	3.1E-06
245	UCART1	397311.15	3767136.98	397311.15, 3767136.98	4.08E-02	2.7E-05	4.2E-07	1.1E-05
246	UCART1	397356.15	3767136.98	397356.15, 3767136.98	3.10E-02	2.1E-05	3.2E-07	8.1E-06
247	UCART1	397401.15	3767136.98	397401.15, 3767136.98	2.06E-02	1.4E-05	2.1E-07	5.4E-06
248	UCART1	397446.15	3767136.98	397446.15, 3767136.98	1.19E-02	7.9E-06	1.2E-07	3.1E-06
249	UCART1	397491.15	3767136.98	397491.15, 3767136.98	6.63E-03	4.4E-06	6.9E-08	1.7E-06
250	UCART1	397536.15	3767136.98	397536.15, 3767136.98	4.85E-03	3.2E-06	5.0E-08	1.3E-06
251	UCART1	397581.15	3767136.98	397581.15, 3767136.98	3.79E-03	2.5E-06	3.9E-08	9.8E-07
252	UCART1	397626.15	3767136.98	397626.15, 3767136.98	4.31E-03	2.9E-06	4.5E-08	1.1E-06
253	UCART1	397671.15	3767136.98	397671.15, 3767136.98	2.80E-03	1.9E-06	2.9E-08	7.3E-07
254	UCART1	397716.15	3767136.98	397716.15, 3767136.98	2.37E-03	1.6E-06	2.5E-08	6.2E-07
255	UCART1	397761.15	3767136.98	397761.15, 3767136.98	1.27E-03	8.4E-07	1.3E-08	3.3E-07
256	UCART1	397806.15	3767136.98	397806.15, 3767136.98	9.07E-04	6.0E-07	9.4E-09	2.4E-07
257	UCART1	397851.15	3767136.98	397851.15, 3767136.98	7.16E-04	4.7E-07	7.4E-09	1.9E-07
258	UCART1	397896.15	3767136.98	397896.15, 3767136.98	6.02E-04	4.0E-07	6.3E-09	1.6E-07
259	UCART1	397941.15	3767136.98	397941.15, 3767136.98	4.81E-04	3.2E-07	5.0E-09	1.3E-07
260	UCART1	396456.15	3767181.98	396456.15, 3767181.98	5.64E-04	3.7E-07	5.9E-09	1.5E-07
261	UCART1	396501.15	3767181.98	396501.15, 3767181.98	6.55E-04	4.3E-07	6.8E-09	1.7E-07
262	UCART1	396546.15	3767181.98	396546.15, 3767181.98	7.71E-04	5.1E-07	8.0E-09	2.0E-07
263	UCART1	396591.15	3767181.98	396591.15, 3767181.98	9.25E-04	6.1E-07	9.6E-09	2.4E-07
264	UCART1	396636.15	3767181.98	396636.15, 3767181.98	1.13E-03	7.5E-07	1.2E-08	2.9E-07
265	UCART1	396681.15	3767181.98	396681.15, 3767181.98	1.43E-03	9.4E-07	1.5E-08	3.7E-07
266	UCART1	396726.15	3767181.98	396726.15, 3767181.98	1.86E-03	1.2E-06	1.9E-08	4.8E-07
267	UCART1	396771.15	3767181.98	396771.15, 3767181.98	2.53E-03	1.7E-06	2.6E-08	6.6E-07
268	UCART1	396816.15	3767181.98	396816.15, 3767181.98	3.69E-03	2.4E-06	3.8E-08	9.6E-07
269	UCART1	396861.15	3767181.98	396861.15, 3767181.98	6.04E-03	4.0E-06	6.3E-08	1.6E-06
270	UCART1	396906.15	3767181.98	396906.15, 3767181.98	1.25E-02	8.3E-06	1.3E-07	3.2E-06
271	UCART1	397446.15	3767181.98	397446.15, 3767181.98	1.95E-02	1.3E-05	2.0E-07	5.1E-06
272	UCART1	397491.15	3767181.98	397491.15, 3767181.98	1.04E-02	6.9E-06	1.1E-07	2.7E-06
273	UCART1	397536.15	3767181.98	397536.15, 3767181.98	6.72E-03	4.4E-06	7.0E-08	1.7E-06
274	UCART1	397581.15	3767181.98	397581.15, 3767181.98	5.39E-03	3.6E-06	5.6E-08	1.4E-06
275	UCART1	397626.15	3767181.98	397626.15, 3767181.98	4.56E-03	3.0E-06	4.7E-08	1.2E-06
276	UCART1	397671.15	3767181.98	397671.15, 3767181.98	3.85E-03	2.5E-06	4.0E-08	1.0E-06
277	UCART1	397716.15	3767181.98	397716.15, 3767181.98	2.06E-03	1.4E-06	2.1E-08	5.4E-07
278	UCART1	397761.15	3767181.98	397761.15, 3767181.98	1.34E-03	8.9E-07	1.4E-08	3.5E-07
279	UCART1	397806.15	3767181.98	397806.15, 3767181.98	9.88E-04	6.5E-07	1.0E-08	2.6E-07
280	UCART1	397851.15	3767181.98	397851.15, 3767181.98	7.82E-04	5.2E-07	8.1E-09	2.0E-07
281	UCART1	397896.15	3767181.98	397896.15, 3767181.98	6.41E-04	4.2E-07	6.7E-09	1.7E-07
282	UCART1	397941.15	3767181.98	397941.15, 3767181.98	5.09E-04	3.4E-07	5.3E-09	1.3E-07
283	UCART1	396456.15	3767226.98	396456.15, 3767226.98	5.52E-04	3.7E-07	5.7E-09	1.4E-07
284	UCART1	396501.15	3767226.98	396501.15, 3767226.98	6.40E-04	4.2E-07	6.6E-09	1.7E-07
285	UCART1	396546.15	3767226.98	396546.15, 3767226.98	7.51E-04	5.0E-07	7.8E-09	2.0E-07
286	UCART1	396591.15	3767226.98	396591.15, 3767226.98	8.98E-04	5.9E-07	9.3E-09	2.3E-07
287	UCART1	396636.15	3767226.98	396636.15, 3767226.98	1.10E-03	7.3E-07	1.1E-08	2.8E-07
288	UCART1	396681.15	3767226.98	396681.15, 3767226.98	1.37E-03	9.1E-07	1.4E-08	3.6E-07
289	UCART1	396726.15	3767226.98	396726.15, 3767226.98	1.78E-03	1.2E-06	1.8E-08	4.6E-07
290	UCART1	396771.15	3767226.98	396771.15, 3767226.98	2.39E-03	1.6E-06	2.5E-08	6.2E-07
291	UCART1	396816.15	3767226.98	396816.15, 3767226.98	3.42E-03	2.3E-06	3.6E-08	8.9E-07
292	UCART1	396861.15	3767226.98	396861.15, 3767226.98	5.36E-03	3.5E-06	5.6E-08	1.4E-06
293	UCART1	396906.15	3767226.98	396906.15, 3767226.98	9.60E-03	6.4E-06	1.0E-07	2.5E-06
294	UCART1	396951.15	3767226.98	396951.15, 3767226.98	2.06E-02	1.4E-05	2.1E-07	5.4E-06
295	UCART1	397446.15	3767226.98	397446.15, 3767226.98	1.51E-02	1.0E-05	1.6E-07	3.9E-06
296	UCART1	397491.15	3767226.98	397491.15, 3767226.98	8.02E-03	5.3E-06	8.3E-08	2.1E-06
297	UCART1	397536.15	3767226.98	397536.15, 3767226.98	5.79E-03	3.8E-06	6.0E-08	1.5E-06
298	UCART1	397581.15	3767226.98	397581.15, 3767226.98	4.50E-03	3.0E-06	4.7E-08	1.2E-06
299	UCART1	397626.15	3767226.98	397626.15, 3767226.98	3.53E-03	2.3E-06	3.7E-08	9.2E-07
300	UCART1	397671.15	3767226.98	397671.15, 3767226.98	2.61E-03	1.7E-06	2.7E-08	6.8E-07
301	UCART1	397716.15	3767226.98	397716.15, 3767226.98	1.84E-03	1.2E-06	1.9E-08	4.8E-07
302	UCART1	397761.15	3767226.98	397761.15, 3767226.98	1.35E-03	8.9E-07	1.4E-08	3.5E-07
303	UCART1	397806.15	3767226.98	397806.15, 3767226.98	1.04E-03	6.9E-07	1.1E-08	2.7E-07
304	UCART1	397851.15	3767226.98	397851.15, 3767226.98	8.25E-04	5.5E-07	8.6E-09	2.1E-07

305	UCART1	397896.15	3767226.98	397896.15, 3767226.98	6.79E-04	4.5E-07	7.1E-09	1.8E-07
306	UCART1	397941.15	3767226.98	397941.15, 3767226.98	5.68E-04	3.8E-07	5.9E-09	1.5E-07
307	UCART1	396456.15	3767271.98	396456.15, 3767271.98	5.14E-04	3.4E-07	5.3E-09	1.3E-07
308	UCART1	396501.15	3767271.98	396501.15, 3767271.98	5.89E-04	3.9E-07	6.1E-09	1.5E-07
309	UCART1	396546.15	3767271.98	396546.15, 3767271.98	6.85E-04	4.5E-07	7.1E-09	1.8E-07
310	UCART1	396591.15	3767271.98	396591.15, 3767271.98	8.34E-04	5.5E-07	8.7E-09	2.2E-07
311	UCART1	396636.15	3767271.98	396636.15, 3767271.98	1.01E-03	6.7E-07	1.1E-08	2.6E-07
312	UCART1	396681.15	3767271.98	396681.15, 3767271.98	1.27E-03	8.4E-07	1.3E-08	3.3E-07
313	UCART2	396726.15	3767271.98		1.65E-03			
314	UCART3	396771.15	3767271.98		2.20E-03			
315	UCART4	396816.15	3767271.98		3.05E-03			
316	UCART5	396861.15	3767271.98		4.50E-03			
317	UCART6	396906.15	3767271.98		6.51E-03			
318	UCART7	396951.15	3767271.98		1.04E-02			
319	UCART8	397311.15	3767271.98		6.52E-02			
320	UCART9	397356.15	3767271.98		3.81E-02			
321	UCART10	397401.15	3767271.98		1.75E-02			
322	UCART11	397446.15	3767271.98		1.05E-02			
323	UCART12	397491.15	3767271.98		6.93E-03			
324	UCART13	397536.15	3767271.98		4.77E-03			
325	UCART14	397581.15	3767271.98		3.42E-03			
326	UCART15	397626.15	3767271.98		2.71E-03			
327	UCART16	397671.15	3767271.98		2.24E-03			
328	UCART17	397716.15	3767271.98		1.72E-03			
329	UCART18	397761.15	3767271.98		1.34E-03			
330	UCART19	397806.15	3767271.98		1.07E-03			
331	UCART20	397851.15	3767271.98		8.61E-04			
332	UCART21	397896.15	3767271.98		7.08E-04			
333	UCART22	397941.15	3767271.98		5.96E-04			
334	UCART23	396456.15	3767316.98		4.62E-04			
335	UCART24	396501.15	3767316.98		5.13E-04			
336	UCART25	396546.15	3767316.98		5.73E-04			
337	UCART26	396591.15	3767316.98		6.73E-04			
338	UCART27	396636.15	3767316.98		8.33E-04			
339	UCART28	396681.15	3767316.98		1.09E-03			
340	UCART29	396726.15	3767316.98		1.41E-03			
341	UCART30	396771.15	3767316.98		1.99E-03			
342	UCART31	396816.15	3767316.98		2.67E-03			
343	UCART32	396861.15	3767316.98		3.73E-03			
344	UCART33	396906.15	3767316.98		4.70E-03			
345	UCART34	396951.15	3767316.98		6.90E-03			
346	UCART35	396996.15	3767316.98		9.97E-03			
347	UCART36	397311.15	3767316.98		2.98E-02			
348	UCART37	397356.15	3767316.98		1.94E-02			
349	UCART38	397401.15	3767316.98		1.18E-02			
350	UCART39	397446.15	3767316.98		8.09E-03			
351	UCART40	397491.15	3767316.98		5.68E-03			
352	UCART41	397536.15	3767316.98		4.00E-03			
353	UCART42	397581.15	3767316.98		2.94E-03			
354	UCART43	397626.15	3767316.98		2.28E-03			
355	UCART44	397671.15	3767316.98		2.00E-03			
356	UCART45	397716.15	3767316.98		1.65E-03			
357	UCART46	397761.15	3767316.98		1.32E-03			
358	UCART47	397806.15	3767316.98		1.05E-03			
359	UCART48	397851.15	3767316.98		8.76E-04			
360	UCART49	397896.15	3767316.98		7.24E-04			
361	UCART50	397941.15	3767316.98		6.18E-04			
362	UCART51	396456.15	3767361.98		4.55E-04			
363	UCART52	396501.15	3767361.98		4.80E-04			
364	UCART53	396546.15	3767361.98		5.34E-04			
365	UCART54	396591.15	3767361.98		6.32E-04			
366	UCART55	396636.15	3767361.98		7.65E-04			
367	UCART56	396681.15	3767361.98		1.00E-03			

368	UCART57	396726.15	3767361.98	1.34E-03
369	UCART58	396771.15	3767361.98	1.78E-03
370	UCART59	396816.15	3767361.98	2.32E-03
371	UCART60	396861.15	3767361.98	3.10E-03
372	UCART61	396906.15	3767361.98	3.87E-03
373	UCART62	396951.15	3767361.98	4.98E-03
374	UCART63	396996.15	3767361.98	6.90E-03
375	UCART64	397041.15	3767361.98	8.77E-03
376	UCART65	397086.15	3767361.98	1.02E-02
377	UCART66	397131.15	3767361.98	1.34E-02
378	UCART67	397176.15	3767361.98	1.72E-02
379	UCART68	397221.15	3767361.98	2.11E-02
380	UCART69	397266.15	3767361.98	2.14E-02
381	UCART70	397311.15	3767361.98	1.67E-02
382	UCART71	397356.15	3767361.98	1.32E-02
383	UCART72	397401.15	3767361.98	9.04E-03
384	UCART73	397446.15	3767361.98	6.97E-03
385	UCART74	397491.15	3767361.98	5.19E-03
386	UCART75	397536.15	3767361.98	3.86E-03
387	UCART76	397581.15	3767361.98	2.91E-03
388	UCART77	397626.15	3767361.98	2.25E-03
389	UCART78	397671.15	3767361.98	1.80E-03
390	UCART79	397716.15	3767361.98	1.56E-03
391	UCART80	397761.15	3767361.98	1.28E-03
392	UCART81	397806.15	3767361.98	1.02E-03
393	UCART82	397851.15	3767361.98	8.68E-04
394	UCART83	397896.15	3767361.98	7.31E-04
395	UCART84	397941.15	3767361.98	6.17E-04
396	UCART85	396456.15	3767406.98	4.29E-04
397	UCART86	396501.15	3767406.98	4.60E-04
398	UCART87	396546.15	3767406.98	5.09E-04
399	UCART88	396591.15	3767406.98	6.03E-04
400	UCART89	396636.15	3767406.98	7.63E-04
401	UCART90	396681.15	3767406.98	9.77E-04
402	UCART91	396726.15	3767406.98	1.25E-03
403	UCART92	396771.15	3767406.98	1.58E-03
404	UCART93	396816.15	3767406.98	2.02E-03
405	UCART94	396861.15	3767406.98	2.61E-03
406	UCART95	396906.15	3767406.98	3.21E-03
407	UCART96	396951.15	3767406.98	3.97E-03
408	UCART97	396996.15	3767406.98	4.92E-03
409	UCART98	397041.15	3767406.98	5.87E-03
410	UCART99	397086.15	3767406.98	6.96E-03
411	UCART10	397131.15	3767406.98	8.64E-03
412	UCART10	397176.15	3767406.98	1.08E-02
413	UCART10	397221.15	3767406.98	1.26E-02
414	UCART10	397266.15	3767406.98	1.31E-02
415	UCART10	397311.15	3767406.98	1.19E-02
416	UCART10	397356.15	3767406.98	9.93E-03
417	UCART10	397401.15	3767406.98	7.52E-03
418	UCART10	397446.15	3767406.98	5.92E-03
419	UCART10	397491.15	3767406.98	4.59E-03
420	UCART10	397536.15	3767406.98	3.57E-03
421	UCART11	397581.15	3767406.98	2.80E-03
422	UCART11	397626.15	3767406.98	2.21E-03
423	UCART11	397671.15	3767406.98	1.76E-03
424	UCART11	397716.15	3767406.98	1.43E-03
425	UCART11	397761.15	3767406.98	1.27E-03
426	UCART11	396456.15	3767451.98	4.00E-04
427	UCART11	396501.15	3767451.98	4.31E-04
428	UCART11	396546.15	3767451.98	4.87E-04
429	UCART11	396591.15	3767451.98	5.69E-04
430	UCART11	396636.15	3767451.98	7.08E-04

431	UCART12	396681.15	3767451.98	8.87E-04
432	UCART12	396726.15	3767451.98	1.10E-03
433	UCART12	396771.15	3767451.98	1.41E-03
434	UCART12	396816.15	3767451.98	1.76E-03
435	UCART12	396861.15	3767451.98	2.19E-03
436	UCART12	396906.15	3767451.98	2.67E-03
437	UCART12	396951.15	3767451.98	3.21E-03
438	UCART12	396996.15	3767451.98	3.84E-03
439	UCART12	397041.15	3767451.98	4.52E-03
440	UCART12	397086.15	3767451.98	5.33E-03
441	UCART13	397131.15	3767451.98	6.30E-03
442	UCART13	397176.15	3767451.98	7.44E-03
443	UCART13	397221.15	3767451.98	8.57E-03
444	UCART13	397266.15	3767451.98	8.96E-03
445	UCART13	397311.15	3767451.98	8.62E-03
446	UCART13	397356.15	3767451.98	7.59E-03
447	UCART13	397401.15	3767451.98	6.16E-03
448	UCART13	397446.15	3767451.98	5.02E-03
449	UCART13	397491.15	3767451.98	4.06E-03
450	UCART13	397536.15	3767451.98	3.27E-03
451	UCART14	397581.15	3767451.98	2.64E-03
452	UCART14	397626.15	3767451.98	2.13E-03
453	UCART14	397671.15	3767451.98	1.73E-03
454	UCART14	397716.15	3767451.98	1.42E-03
455	UCART14	397761.15	3767451.98	1.19E-03
456	UCART14	396456.15	3767496.98	3.74E-04
457	UCART14	396501.15	3767496.98	4.09E-04
458	UCART14	396546.15	3767496.98	4.64E-04
459	UCART14	396591.15	3767496.98	5.47E-04
460	UCART14	396636.15	3767496.98	6.45E-04
461	UCART15	396681.15	3767496.98	7.52E-04
462	UCART15	396726.15	3767496.98	9.20E-04
463	UCART15	396771.15	3767496.98	1.24E-03
464	UCART15	396816.15	3767496.98	1.55E-03
465	UCART15	396861.15	3767496.98	1.89E-03
466	UCART15	396906.15	3767496.98	2.26E-03
467	UCART15	396951.15	3767496.98	2.65E-03
468	UCART15	396996.15	3767496.98	3.14E-03
469	UCART15	397041.15	3767496.98	3.61E-03
470	UCART15	397086.15	3767496.98	4.15E-03
471	UCART16	397131.15	3767496.98	4.82E-03
472	UCART16	397176.15	3767496.98	5.56E-03
473	UCART16	397221.15	3767496.98	6.21E-03
474	UCART16	397266.15	3767496.98	6.55E-03
475	UCART16	397311.15	3767496.98	6.43E-03
476	UCART16	397356.15	3767496.98	5.99E-03
477	UCART16	397401.15	3767496.98	5.15E-03
478	UCART16	397446.15	3767496.98	4.32E-03
479	UCART16	397491.15	3767496.98	3.55E-03
480	UCART16	397536.15	3767496.98	2.94E-03
481	UCART17	397581.15	3767496.98	2.45E-03
482	UCART17	397626.15	3767496.98	2.02E-03
483	UCART17	397671.15	3767496.98	1.68E-03
484	UCART17	397716.15	3767496.98	1.40E-03
485	UCART17	397761.15	3767496.98	1.19E-03
486	UCART17	396456.15	3767541.98	3.66E-04
487	UCART17	396501.15	3767541.98	3.97E-04
488	UCART17	396546.15	3767541.98	4.41E-04
489	UCART17	396591.15	3767541.98	5.03E-04
490	UCART17	396636.15	3767541.98	5.62E-04
491	UCART18	396681.15	3767541.98	6.45E-04
492	UCART18	396726.15	3767541.98	8.09E-04
493	UCART18	396771.15	3767541.98	1.14E-03

494	UCART18	396816.15	3767541.98	1.36E-03
495	UCART18	396861.15	3767541.98	1.59E-03
496	UCART18	396906.15	3767541.98	1.93E-03
497	UCART18	396951.15	3767541.98	2.25E-03
498	UCART18	396996.15	3767541.98	2.63E-03
499	UCART18	397041.15	3767541.98	2.94E-03
500	UCART18	397086.15	3767541.98	3.39E-03
501	UCART19	397131.15	3767541.98	3.81E-03
502	UCART19	397176.15	3767541.98	4.26E-03
503	UCART19	397221.15	3767541.98	4.71E-03
504	UCART19	397266.15	3767541.98	4.97E-03
505	UCART19	397311.15	3767541.98	4.99E-03
506	UCART19	397356.15	3767541.98	4.75E-03
507	UCART19	397401.15	3767541.98	4.31E-03
508	UCART19	397446.15	3767541.98	3.59E-03
509	UCART19	397491.15	3767541.98	3.08E-03
510	UCART19	397536.15	3767541.98	2.62E-03
511	UCART20	397581.15	3767541.98	2.24E-03
512	UCART20	397626.15	3767541.98	1.89E-03
513	UCART20	397671.15	3767541.98	1.59E-03
514	UCART20	397716.15	3767541.98	1.34E-03
515	UCART20	397761.15	3767541.98	1.16E-03
516	UCART20	396456.15	3767586.98	3.48E-04
517	UCART20	396501.15	3767586.98	3.77E-04
518	UCART20	396546.15	3767586.98	4.13E-04
519	UCART20	396591.15	3767586.98	4.62E-04
520	UCART20	396636.15	3767586.98	5.24E-04
521	UCART21	396681.15	3767586.98	6.10E-04
522	UCART21	396726.15	3767586.98	8.30E-04
523	UCART21	396771.15	3767586.98	1.02E-03
524	UCART21	396816.15	3767586.98	1.17E-03
525	UCART21	396861.15	3767586.98	1.35E-03
526	UCART21	396906.15	3767586.98	1.61E-03
527	UCART21	396951.15	3767586.98	1.82E-03
528	UCART21	396996.15	3767586.98	2.17E-03
529	UCART21	397041.15	3767586.98	2.47E-03
530	UCART21	397086.15	3767586.98	2.79E-03
531	UCART22	397131.15	3767586.98	3.09E-03
532	UCART22	397176.15	3767586.98	3.40E-03
533	UCART22	397221.15	3767586.98	3.65E-03
534	UCART22	397266.15	3767586.98	3.87E-03
535	UCART22	397311.15	3767586.98	3.89E-03
536	UCART22	397356.15	3767586.98	3.80E-03
537	UCART22	397401.15	3767586.98	3.53E-03
538	UCART22	397446.15	3767586.98	3.03E-03
539	UCART22	397491.15	3767586.98	2.68E-03
540	UCART22	397536.15	3767586.98	2.34E-03
541	UCART23	397581.15	3767586.98	2.03E-03
542	UCART23	397626.15	3767586.98	1.75E-03
543	UCART23	397671.15	3767586.98	1.49E-03
544	UCART23	397716.15	3767586.98	1.28E-03
545	UCART23	397761.15	3767586.98	1.11E-03
546	UCART23	396456.15	3767631.98	3.18E-04
547	UCART23	396501.15	3767631.98	3.50E-04
548	UCART23	396546.15	3767631.98	3.89E-04
549	UCART23	396591.15	3767631.98	4.38E-04
550	UCART23	396636.15	3767631.98	5.02E-04
551	UCART24	396681.15	3767631.98	6.28E-04
552	UCART24	396726.15	3767631.98	7.92E-04
553	UCART24	396771.15	3767631.98	9.03E-04
554	UCART24	396816.15	3767631.98	9.78E-04
555	UCART24	396861.15	3767631.98	1.15E-03
556	UCART24	396906.15	3767631.98	1.34E-03

557	UCART24	396951.15	3767631.98	1.50E-03
558	UCART24	396996.15	3767631.98	1.75E-03
559	UCART24	397041.15	3767631.98	2.03E-03
560	UCART24	397086.15	3767631.98	2.29E-03
561	UCART25	397131.15	3767631.98	2.54E-03
562	UCART25	397176.15	3767631.98	2.72E-03
563	UCART25	397221.15	3767631.98	2.89E-03
564	UCART25	397266.15	3767631.98	3.06E-03
565	UCART25	397311.15	3767631.98	3.12E-03
566	UCART25	397356.15	3767631.98	3.08E-03
567	UCART25	397401.15	3767631.98	2.92E-03
568	UCART25	397446.15	3767631.98	2.60E-03
569	UCART25	397491.15	3767631.98	2.33E-03
570	UCART25	397536.15	3767631.98	2.07E-03
571	UCART26	397581.15	3767631.98	1.82E-03
572	UCART26	397626.15	3767631.98	1.60E-03
573	UCART26	397671.15	3767631.98	1.39E-03
574	UCART26	397716.15	3767631.98	1.21E-03
575	UCART26	397761.15	3767631.98	1.06E-03
576	UCART26	396456.15	3767676.98	3.01E-04
577	UCART26	396501.15	3767676.98	3.32E-04
578	UCART26	396546.15	3767676.98	3.71E-04
579	UCART26	396591.15	3767676.98	4.15E-04
580	UCART26	396636.15	3767676.98	4.94E-04
581	UCART27	396681.15	3767676.98	6.25E-04
582	UCART27	396726.15	3767676.98	7.17E-04
583	UCART27	396771.15	3767676.98	7.88E-04
584	UCART27	396816.15	3767676.98	8.45E-04
585	UCART27	396861.15	3767676.98	9.52E-04
586	UCART27	396906.15	3767676.98	1.04E-03
587	UCART27	396951.15	3767676.98	1.21E-03
588	UCART27	396996.15	3767676.98	1.42E-03
589	UCART27	397041.15	3767676.98	1.65E-03
590	UCART27	397086.15	3767676.98	1.89E-03
591	UCART28	397131.15	3767676.98	2.12E-03
592	UCART28	397176.15	3767676.98	2.26E-03
593	UCART28	397221.15	3767676.98	2.37E-03
594	UCART28	397266.15	3767676.98	2.45E-03
595	UCART28	397311.15	3767676.98	2.54E-03
596	UCART28	397356.15	3767676.98	2.54E-03
597	UCART28	397401.15	3767676.98	2.46E-03
598	UCART28	397446.15	3767676.98	2.24E-03
599	UCART28	397491.15	3767676.98	2.01E-03
600	UCART28	397536.15	3767676.98	1.83E-03
601	UCART29	397581.15	3767676.98	1.64E-03
602	UCART29	397626.15	3767676.98	1.46E-03
603	UCART29	397671.15	3767676.98	1.29E-03
604	UCART29	397716.15	3767676.98	1.14E-03
605	UCART29	397761.15	3767676.98	1.01E-03

Worker Risk (Unmitigated)

Operations

250
1.97E-03

Discrete Receptor ID				Concentration [µg/m^3] at 1 g/s	Operations				
	X	Y	X, Y	Generators	Generators	Total	Operations	Operations	Total Risk
1 UCART1	396558.26	3766771.08	396558.26, 3766771.08	0.37381	7.38E-04	7.38E-04	4.8E-07	2.3E-07	2.3E-07
2 UCART1	396598.26	3766771.08	396598.26, 3766771.08	0.45613	9.00E-04	9.00E-04	5.9E-07	2.8E-07	2.8E-07
3 UCART1	396638.26	3766771.08	396638.26, 3766771.08	0.57471	1.13E-03	1.13E-03	7.5E-07	3.5E-07	3.5E-07
4 UCART1	396678.26	3766771.08	396678.26, 3766771.08	0.70039	1.38E-03	1.38E-03	9.1E-07	4.3E-07	4.3E-07
5 UCART1	396718.26	3766771.08	396718.26, 3766771.08	0.84771	1.67E-03	1.67E-03	1.1E-06	5.2E-07	5.2E-07
6 UCART1	396758.26	3766771.08	396758.26, 3766771.08	0.97286	1.92E-03	1.92E-03	1.3E-06	5.9E-07	5.9E-07
7 UCART1	396798.26	3766771.08	396798.26, 3766771.08	1.01496	2.00E-03	2.00E-03	1.3E-06	6.2E-07	6.2E-07
8 UCART1	396838.26	3766771.08	396838.26, 3766771.08	1.06081	2.09E-03	2.09E-03	1.4E-06	6.5E-07	6.5E-07
9 UCART1	396878.26	3766771.08	396878.26, 3766771.08	1.05727	2.09E-03	2.09E-03	1.4E-06	6.5E-07	6.5E-07
10 UCART1	396918.26	3766771.08	396918.26, 3766771.08	0.99795	1.97E-03	1.97E-03	1.3E-06	6.1E-07	6.1E-07
11 UCART1	396958.26	3766771.08	396958.26, 3766771.08	0.88966	1.76E-03	1.76E-03	1.2E-06	5.4E-07	5.4E-07
12 UCART1	396998.26	3766771.08	396998.26, 3766771.08	0.73838	1.46E-03	1.46E-03	9.6E-07	4.5E-07	4.5E-07
13 UCART1	397038.26	3766771.08	397038.26, 3766771.08	0.57771	1.14E-03	1.14E-03	7.5E-07	3.5E-07	3.5E-07
14 UCART1	397078.26	3766771.08	397078.26, 3766771.08	0.43484	8.58E-04	8.58E-04	5.6E-07	2.7E-07	2.7E-07
15 UCART1	397118.26	3766771.08	397118.26, 3766771.08	0.32516	6.42E-04	6.42E-04	4.2E-07	2.0E-07	2.0E-07
16 UCART1	397158.26	3766771.08	397158.26, 3766771.08	0.24764	4.89E-04	4.89E-04	3.2E-07	1.5E-07	1.5E-07
17 UCART1	397198.26	3766771.08	397198.26, 3766771.08	0.20363	4.02E-04	4.02E-04	2.6E-07	1.2E-07	1.2E-07
18 UCART1	397238.26	3766771.08	397238.26, 3766771.08	0.18505	3.65E-04	3.65E-04	2.4E-07	1.1E-07	1.1E-07
19 UCART1	397278.26	3766771.08	397278.26, 3766771.08	0.18079	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
20 UCART1	397318.26	3766771.08	397318.26, 3766771.08	0.1835	3.62E-04	3.62E-04	2.4E-07	1.1E-07	1.1E-07
21 UCART1	397358.26	3766771.08	397358.26, 3766771.08	0.18464	3.64E-04	3.64E-04	2.4E-07	1.1E-07	1.1E-07
22 UCART1	397398.26	3766771.08	397398.26, 3766771.08	0.18314	3.61E-04	3.61E-04	2.4E-07	1.1E-07	1.1E-07
23 UCART1	397438.26	3766771.08	397438.26, 3766771.08	0.17768	3.51E-04	3.51E-04	2.3E-07	1.1E-07	1.1E-07
24 UCART1	397478.26	3766771.08	397478.26, 3766771.08	0.16951	3.35E-04	3.35E-04	2.2E-07	1.0E-07	1.0E-07
25 UCART1	397518.26	3766771.08	397518.26, 3766771.08	0.15989	3.16E-04	3.16E-04	2.1E-07	9.8E-08	9.8E-08
26 UCART1	397558.26	3766771.08	397558.26, 3766771.08	0.1518	3.00E-04	3.00E-04	2.0E-07	9.3E-08	9.3E-08
27 UCART1	397598.26	3766771.08	397598.26, 3766771.08	0.14916	2.94E-04	2.94E-04	1.9E-07	9.1E-08	9.1E-08
28 UCART1	397638.26	3766771.08	397638.26, 3766771.08	0.13768	2.72E-04	2.72E-04	1.8E-07	8.4E-08	8.4E-08
29 UCART1	397678.26	3766771.08	397678.26, 3766771.08	0.12613	2.49E-04	2.49E-04	1.6E-07	7.7E-08	7.7E-08
30 UCART1	397718.26	3766771.08	397718.26, 3766771.08	0.11446	2.26E-04	2.26E-04	1.5E-07	7.0E-08	7.0E-08
31 UCART1	396558.26	3766811.08	396558.26, 3766811.08	0.366	7.22E-04	7.22E-04	4.7E-07	2.2E-07	2.2E-07
32 UCART1	396598.26	3766811.08	396598.26, 3766811.08	0.44207	8.73E-04	8.73E-04	5.7E-07	2.7E-07	2.7E-07
33 UCART1	396638.26	3766811.08	396638.26, 3766811.08	0.56144	1.11E-03	1.11E-03	7.3E-07	3.4E-07	3.4E-07
34 UCART1	396678.26	3766811.08	396678.26, 3766811.08	0.72373	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
35 UCART1	396718.26	3766811.08	396718.26, 3766811.08	0.8663	1.71E-03	1.71E-03	1.1E-06	5.3E-07	5.3E-07
36 UCART1	396758.26	3766811.08	396758.26, 3766811.08	0.98862	1.95E-03	1.95E-03	1.3E-06	6.0E-07	6.0E-07
37 UCART1	396798.26	3766811.08	396798.26, 3766811.08	1.1066	2.18E-03	2.18E-03	1.4E-06	6.8E-07	6.8E-07
38 UCART1	396838.26	3766811.08	396838.26, 3766811.08	1.21465	2.40E-03	2.40E-03	1.6E-06	7.4E-07	7.4E-07
39 UCART1	396878.26	3766811.08	396878.26, 3766811.08	1.24693	2.46E-03	2.46E-03	1.6E-06	7.6E-07	7.6E-07
40 UCART1	396918.26	3766811.08	396918.26, 3766811.08	1.21803	2.40E-03	2.40E-03	1.6E-06	7.4E-07	7.4E-07
41 UCART1	396958.26	3766811.08	396958.26, 3766811.08	1.1105	2.19E-03	2.19E-03	1.4E-06	6.8E-07	6.8E-07
42 UCART1	396998.26	3766811.08	396998.26, 3766811.08	0.94657	1.87E-03	1.87E-03	1.2E-06	5.8E-07	5.8E-07
43 UCART1	397038.26	3766811.08	397038.26, 3766811.08	0.74506	1.47E-03	1.47E-03	9.7E-07	4.6E-07	4.6E-07
44 UCART1	397078.26	3766811.08	397078.26, 3766811.08	0.55661	1.10E-03	1.10E-03	7.2E-07	3.4E-07	3.4E-07
45 UCART1	397118.26	3766811.08	397118.26, 3766811.08	0.40679	8.03E-04	8.03E-04	5.3E-07	2.5E-07	2.5E-07
46 UCART1	397158.26	3766811.08	397158.26, 3766811.08	0.30374	6.00E-04	6.00E-04	3.9E-07	1.9E-07	1.9E-07
47 UCART1	397198.26	3766811.08	397198.26, 3766811.08	0.24463	4.83E-04	4.83E-04	3.2E-07	1.5E-07	1.5E-07
48 UCART1	397238.26	3766811.08	397238.26, 3766811.08	0.22013	4.34E-04	4.34E-04	2.9E-07	1.3E-07	1.3E-07
49 UCART1	397278.26	3766811.08	397278.26, 3766811.08	0.21232	4.19E-04	4.19E-04	2.8E-07	1.3E-07	1.3E-07
50 UCART1	397318.26	3766811.08	397318.26, 3766811.08	0.21085	4.16E-04	4.16E-04	2.7E-07	1.3E-07	1.3E-07
51 UCART1	397358.26	3766811.08	397358.26, 3766811.08	0.21101	4.16E-04	4.16E-04	2.7E-07	1.3E-07	1.3E-07
52 UCART1	397398.26	3766811.08	397398.26, 3766811.08	0.207	4.09E-04	4.09E-04	2.7E-07	1.3E-07	1.3E-07
53 UCART1	397438.26	3766811.08	397438.26, 3766811.08	0.19878	3.92E-04	3.92E-04	2.6E-07	1.2E-07	1.2E-07
54 UCART1	397478.26	3766811.08	397478.26, 3766811.08	0.18804	3.71E-04	3.71E-04	2.4E-07	1.1E-07	1.1E-07
55 UCART1	397518.26	3766811.08	397518.26, 3766811.08	0.17634	3.48E-04	3.48E-04	2.3E-07	1.1E-07	1.1E-07
56 UCART1	397558.26	3766811.08	397558.26, 3766811.08	0.16395	3.24E-04	3.24E-04	2.1E-07	1.0E-07	1.0E-07
57 UCART1	397598.26	3766811.08	397598.26, 3766811.08	0.15468	3.05E-04	3.05E-04	2.0E-07	9.5E-08	9.5E-08
58 UCART1	397638.26	3766811.08	397638.26, 3766811.08	0.14922	2.95E-04	2.95E-04	1.9E-07	9.1E-08	9.1E-08
59 UCART1	397678.26	3766811.08	397678.26, 3766811.08	0.13729	2.71E-04	2.71E-04	1.8E-07	8.4E-08	8.4E-08
60 UCART1	397718.26	3766811.08	397718.26, 3766811.08	0.12443	2.46E-04	2.46E-04	1.6E-07	7.6E-08	7.6E-08
61 UCART1	396558.26	3766851.08	396558.26, 3766851.08	0.35143	6.94E-04	6.94E-04	4.6E-07	2.1E-07	2.1E-07
62 UCART1	396598.26	3766851.08	396598.26, 3766851.08	0.42458	8.38E-04	8.38E-04	5.5E-07	2.6E-07	2.6E-07
63 UCART1	396638.26	3766851.08	396638.26, 3766851.08	0.52702	1.04E-03	1.04E-03	6.8E-07	3.2E-07	3.2E-07
64 UCART1	396678.26	3766851.08	396678.26, 3766851.08	0.67057	1.32E-03	1.32E-03	8.7E-07	4.1E-07	4.1E-07
65 UCART1	396718.26	3766851.08	396718.26, 3766851.08	0.83102	1.64E-03	1.64E-03	1.1E-06	5.1E-07	5.1E-07
66 UCART1	396758.26	3766851.08	396758.26, 3766851.08	0.99653	1.97E-03	1.97E-03	1.3E-06	6.1E-07	6.1E-07

67	UCART1	396798.26	3766851.08	396798.26, 3766851.08	1.17722	2.32E-03	2.32E-03	1.5E-06	7.2E-07	7.2E-07
68	UCART1	396838.26	3766851.08	396838.26, 3766851.08	1.33376	2.63E-03	2.63E-03	1.7E-06	8.2E-07	8.2E-07
69	UCART1	396878.26	3766851.08	396878.26, 3766851.08	1.44824	2.86E-03	2.86E-03	1.9E-06	8.9E-07	8.9E-07
70	UCART1	396918.26	3766851.08	396918.26, 3766851.08	1.46764	2.90E-03	2.90E-03	1.9E-06	9.0E-07	9.0E-07
71	UCART1	396958.26	3766851.08	396958.26, 3766851.08	1.38467	2.73E-03	2.73E-03	1.8E-06	8.5E-07	8.5E-07
72	UCART1	396998.26	3766851.08	396998.26, 3766851.08	1.20539	2.38E-03	2.38E-03	1.6E-06	7.4E-07	7.4E-07
73	UCART1	397038.26	3766851.08	397038.26, 3766851.08	0.96726	1.91E-03	1.91E-03	1.3E-06	5.9E-07	5.9E-07
74	UCART1	397078.26	3766851.08	397078.26, 3766851.08	0.72329	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
75	UCART1	397118.26	3766851.08	397118.26, 3766851.08	0.52355	1.03E-03	1.03E-03	6.8E-07	3.2E-07	3.2E-07
76	UCART1	397158.26	3766851.08	397158.26, 3766851.08	0.38305	7.56E-04	7.56E-04	5.0E-07	2.3E-07	2.3E-07
77	UCART1	397198.26	3766851.08	397198.26, 3766851.08	0.29855	5.89E-04	5.89E-04	3.9E-07	1.8E-07	1.8E-07
78	UCART1	397238.26	3766851.08	397238.26, 3766851.08	0.26302	5.19E-04	5.19E-04	3.4E-07	1.6E-07	1.6E-07
79	UCART1	397278.26	3766851.08	397278.26, 3766851.08	0.25352	5.00E-04	5.00E-04	3.3E-07	1.5E-07	1.5E-07
80	UCART1	397318.26	3766851.08	397318.26, 3766851.08	0.24834	4.90E-04	4.90E-04	3.2E-07	1.5E-07	1.5E-07
81	UCART1	397358.26	3766851.08	397358.26, 3766851.08	0.24065	4.75E-04	4.75E-04	3.1E-07	1.5E-07	1.5E-07
82	UCART1	397398.26	3766851.08	397398.26, 3766851.08	0.23443	4.63E-04	4.63E-04	3.0E-07	1.4E-07	1.4E-07
83	UCART1	397438.26	3766851.08	397438.26, 3766851.08	0.22287	4.40E-04	4.40E-04	2.9E-07	1.4E-07	1.4E-07
84	UCART1	397478.26	3766851.08	397478.26, 3766851.08	0.20931	4.13E-04	4.13E-04	2.7E-07	1.3E-07	1.3E-07
85	UCART1	397518.26	3766851.08	397518.26, 3766851.08	0.19489	3.85E-04	3.85E-04	2.5E-07	1.2E-07	1.2E-07
86	UCART1	397558.26	3766851.08	397558.26, 3766851.08	0.18076	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
87	UCART1	397598.26	3766851.08	397598.26, 3766851.08	0.1668	3.29E-04	3.29E-04	2.2E-07	1.0E-07	1.0E-07
88	UCART1	397638.26	3766851.08	397638.26, 3766851.08	0.15482	3.06E-04	3.06E-04	2.0E-07	9.5E-08	9.5E-08
89	UCART1	397678.26	3766851.08	397678.26, 3766851.08	0.14163	2.80E-04	2.80E-04	1.8E-07	8.7E-08	8.7E-08
90	UCART1	397718.26	3766851.08	397718.26, 3766851.08	0.13397	2.64E-04	2.64E-04	1.7E-07	8.2E-08	8.2E-08
91	UCART1	396558.26	3766891.08	396558.26, 3766891.08	0.32794	6.47E-04	6.47E-04	4.3E-07	2.0E-07	2.0E-07
92	UCART1	396598.26	3766891.08	396598.26, 3766891.08	0.40202	7.93E-04	7.93E-04	5.2E-07	2.5E-07	2.5E-07
93	UCART1	396638.26	3766891.08	396638.26, 3766891.08	0.49669	9.80E-04	9.80E-04	6.4E-07	3.0E-07	3.0E-07
94	UCART1	396678.26	3766891.08	396678.26, 3766891.08	0.63269	1.25E-03	1.25E-03	8.2E-07	3.9E-07	3.9E-07
95	UCART1	396718.26	3766891.08	396718.26, 3766891.08	0.79859	1.58E-03	1.58E-03	1.0E-06	4.9E-07	4.9E-07
96	UCART1	396758.26	3766891.08	396758.26, 3766891.08	0.98573	1.95E-03	1.95E-03	1.3E-06	6.0E-07	6.0E-07
97	UCART1	396798.26	3766891.08	396798.26, 3766891.08	1.20434	2.38E-03	2.38E-03	1.6E-06	7.4E-07	7.4E-07
98	UCART1	396838.26	3766891.08	396838.26, 3766891.08	1.42241	2.81E-03	2.81E-03	1.8E-06	8.7E-07	8.7E-07
99	UCART1	396878.26	3766891.08	396878.26, 3766891.08	1.6318	3.22E-03	3.22E-03	2.1E-06	1.0E-06	1.0E-06
100	UCART1	396918.26	3766891.08	396918.26, 3766891.08	1.70968	3.37E-03	3.37E-03	2.2E-06	1.0E-06	1.0E-06
101	UCART1	396958.26	3766891.08	396958.26, 3766891.08	1.69496	3.35E-03	3.35E-03	2.2E-06	1.0E-06	1.0E-06
102	UCART1	396998.26	3766891.08	396998.26, 3766891.08	1.52698	3.01E-03	3.01E-03	2.0E-06	9.3E-07	9.3E-07
103	UCART1	397038.26	3766891.08	397038.26, 3766891.08	1.25813	2.48E-03	2.48E-03	1.6E-06	7.7E-07	7.7E-07
104	UCART1	397078.26	3766891.08	397078.26, 3766891.08	0.97259	1.92E-03	1.92E-03	1.3E-06	5.9E-07	5.9E-07
105	UCART1	397118.26	3766891.08	397118.26, 3766891.08	0.70129	1.38E-03	1.38E-03	9.1E-07	4.3E-07	4.3E-07
106	UCART1	397158.26	3766891.08	397158.26, 3766891.08	0.48637	9.60E-04	9.60E-04	6.3E-07	3.0E-07	3.0E-07
107	UCART1	397198.26	3766891.08	397198.26, 3766891.08	0.37372	7.38E-04	7.38E-04	4.8E-07	2.3E-07	2.3E-07
108	UCART1	397238.26	3766891.08	397238.26, 3766891.08	0.32608	6.44E-04	6.44E-04	4.2E-07	2.0E-07	2.0E-07
109	UCART1	397278.26	3766891.08	397278.26, 3766891.08	0.30491	6.02E-04	6.02E-04	4.0E-07	1.9E-07	1.9E-07
110	UCART1	397318.26	3766891.08	397318.26, 3766891.08	0.29606	5.84E-04	5.84E-04	3.8E-07	1.8E-07	1.8E-07
111	UCART1	397358.26	3766891.08	397358.26, 3766891.08	0.28714	5.67E-04	5.67E-04	3.7E-07	1.8E-07	1.8E-07
112	UCART1	397398.26	3766891.08	397398.26, 3766891.08	0.26982	5.33E-04	5.33E-04	3.5E-07	1.6E-07	1.6E-07
113	UCART1	397438.26	3766891.08	397438.26, 3766891.08	0.25069	4.95E-04	4.95E-04	3.3E-07	1.5E-07	1.5E-07
114	UCART1	397478.26	3766891.08	397478.26, 3766891.08	0.23306	4.60E-04	4.60E-04	3.0E-07	1.4E-07	1.4E-07
115	UCART1	397518.26	3766891.08	397518.26, 3766891.08	0.2155	4.25E-04	4.25E-04	2.8E-07	1.3E-07	1.3E-07
116	UCART1	397558.26	3766891.08	397558.26, 3766891.08	0.19872	3.92E-04	3.92E-04	2.6E-07	1.2E-07	1.2E-07
117	UCART1	397598.26	3766891.08	397598.26, 3766891.08	0.18269	3.61E-04	3.61E-04	2.4E-07	1.1E-07	1.1E-07
118	UCART1	397638.26	3766891.08	397638.26, 3766891.08	0.16726	3.30E-04	3.30E-04	2.2E-07	1.0E-07	1.0E-07
119	UCART1	397678.26	3766891.08	397678.26, 3766891.08	0.15232	3.01E-04	3.01E-04	2.0E-07	9.3E-08	9.3E-08
120	UCART1	397718.26	3766891.08	397718.26, 3766891.08	0.13905	2.74E-04	2.74E-04	1.8E-07	8.5E-08	8.5E-08
121	UCART1	396558.26	3766931.08	396558.26, 3766931.08	0.30517	6.02E-04	6.02E-04	4.0E-07	1.9E-07	1.9E-07
122	UCART1	396598.26	3766931.08	396598.26, 3766931.08	0.36753	7.25E-04	7.25E-04	4.8E-07	2.2E-07	2.2E-07
123	UCART1	396638.26	3766931.08	396638.26, 3766931.08	0.46525	9.18E-04	9.18E-04	6.0E-07	2.8E-07	2.8E-07
124	UCART1	396678.26	3766931.08	396678.26, 3766931.08	0.58162	1.15E-03	1.15E-03	7.5E-07	3.6E-07	3.6E-07
125	UCART1	396718.26	3766931.08	396718.26, 3766931.08	0.73732	1.46E-03	1.46E-03	9.6E-07	4.5E-07	4.5E-07
126	UCART1	396758.26	3766931.08	396758.26, 3766931.08	0.94146	1.86E-03	1.86E-03	1.2E-06	5.8E-07	5.8E-07
127	UCART1	396798.26	3766931.08	396798.26, 3766931.08	1.1769	2.32E-03	2.32E-03	1.5E-06	7.2E-07	7.2E-07
128	UCART1	396838.26	3766931.08	396838.26, 3766931.08	1.46098	2.88E-03	2.88E-03	1.9E-06	8.9E-07	8.9E-07
129	UCART1	396878.26	3766931.08	396878.26, 3766931.08	1.72666	3.41E-03	3.41E-03	2.2E-06	1.1E-06	1.1E-06
130	UCART1	396918.26	3766931.08	396918.26, 3766931.08	1.9438	3.84E-03	3.84E-03	2.5E-06	1.2E-06	1.2E-06
131	UCART1	396958.26	3766931.08	396958.26, 3766931.08	2.02397	3.99E-03	3.99E-03	2.6E-06	1.2E-06	1.2E-06
132	UCART1	396998.26	3766931.08	396998.26, 3766931.08	1.93127	3.81E-03	3.81E-03	2.5E-06	1.2E-06	1.2E-06
133	UCART1	397038.26	3766931.08	397038.26, 3766931.08	1.67481	3.31E-03	3.31E-03	2.2E-06	1.0E-06	1.0E-06
134	UCART1	397078.26	3766931.08	397078.26, 3766931.08	1.34168	2.65E-03	2.65E-03	1.7E-06	8.2E-07	8.2E-07
135	UCART1	397118.26	3766931.08	397118.26, 3766931.08	0.9845	1.94E-03	1.94E-03	1.3E-06	6.0E-07	6.0E-07
136	UCART1	397158.26	3766931.08	397158.26, 3766931.08	0.67268	1.33E-03	1.33E-03	8.7E-07	4.1E-07	4.1E-07
137	UCART1	397198.26	3766931.08	397198.26, 3766931.08	0.49418	9.75E-04	9.75E-04	6.4E-07	3.0E-07	3.0E-07
138	UCART1	397238.26	3766931.08	397238.26, 3766931.08	0.40756	8.04E-04	8.04E-04	5.3E-07	2.5E-07	2.5E-07
139	UCART1	397278.26	3766931.08	397278.26, 3766931.08	0.37127	7.33E-04	7.33E-04	4.8E-07	2.3E-07	2.3E-07
140	UCART1	397318.26	3766931.08	397318.26, 3766931.08	0.35346	6.98E-04	6.98E-04	4.6E-07	2.2E-07	2.2E-07
141	UCART1	397358.26	3766931.08	397358.26, 3766931.08	0.34717	6.85E-04	6.85E-04	4.5E-07	2.1E-07	2.1E-07

142	UCART1	397398.26	3766931.08	397398.26, 3766931.08	0.31943	6.30E-04	6.30E-04	4.1E-07	2.0E-07	2.0E-07
143	UCART1	397438.26	3766931.08	397438.26, 3766931.08	0.2891	5.71E-04	5.71E-04	3.7E-07	1.8E-07	1.8E-07
144	UCART1	397478.26	3766931.08	397478.26, 3766931.08	0.25929	5.12E-04	5.12E-04	3.4E-07	1.6E-07	1.6E-07
145	UCART1	397518.26	3766931.08	397518.26, 3766931.08	0.2388	4.71E-04	4.71E-04	3.1E-07	1.5E-07	1.5E-07
146	UCART1	397558.26	3766931.08	397558.26, 3766931.08	0.21864	4.32E-04	4.32E-04	2.8E-07	1.3E-07	1.3E-07
147	UCART1	397598.26	3766931.08	397598.26, 3766931.08	0.19936	3.93E-04	3.93E-04	2.6E-07	1.2E-07	1.2E-07
148	UCART1	397638.26	3766931.08	397638.26, 3766931.08	0.18084	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
149	UCART1	397678.26	3766931.08	397678.26, 3766931.08	0.16369	3.23E-04	3.23E-04	2.1E-07	1.0E-07	1.0E-07
150	UCART1	397718.26	3766931.08	397718.26, 3766931.08	0.15133	2.99E-04	2.99E-04	2.0E-07	9.2E-08	9.2E-08
151	UCART1	396558.26	3766971.08	396558.26, 3766971.08	0.28232	5.57E-04	5.57E-04	3.7E-07	1.7E-07	1.7E-07
152	UCART1	396598.26	3766971.08	396598.26, 3766971.08	0.338	6.67E-04	6.67E-04	4.4E-07	2.1E-07	2.1E-07
153	UCART1	396638.26	3766971.08	396638.26, 3766971.08	0.41977	8.29E-04	8.29E-04	5.4E-07	2.6E-07	2.6E-07
154	UCART1	396678.26	3766971.08	396678.26, 3766971.08	0.52326	1.03E-03	1.03E-03	6.8E-07	3.2E-07	3.2E-07
155	UCART1	396718.26	3766971.08	396718.26, 3766971.08	0.66601	1.31E-03	1.31E-03	8.6E-07	4.1E-07	4.1E-07
156	UCART1	396758.26	3766971.08	396758.26, 3766971.08	0.84694	1.67E-03	1.67E-03	1.1E-06	5.2E-07	5.2E-07
157	UCART1	396798.26	3766971.08	396798.26, 3766971.08	1.0974	2.17E-03	2.17E-03	1.4E-06	6.7E-07	6.7E-07
158	UCART1	396838.26	3766971.08	396838.26, 3766971.08	1.40544	2.77E-03	2.77E-03	1.8E-06	8.6E-07	8.6E-07
159	UCART1	396878.26	3766971.08	396878.26, 3766971.08	1.76955	3.49E-03	3.49E-03	2.3E-06	1.1E-06	1.1E-06
160	UCART1	396918.26	3766971.08	396918.26, 3766971.08	2.13252	4.21E-03	4.21E-03	2.8E-06	1.3E-06	1.3E-06
161	UCART1	396958.26	3766971.08	396958.26, 3766971.08	2.39082	4.72E-03	4.72E-03	3.1E-06	1.5E-06	1.5E-06
162	UCART1	396998.26	3766971.08	396998.26, 3766971.08	2.44634	4.83E-03	4.83E-03	3.2E-06	1.5E-06	1.5E-06
163	UCART1	397038.26	3766971.08	397038.26, 3766971.08	2.27262	4.49E-03	4.49E-03	2.9E-06	1.4E-06	1.4E-06
164	UCART1	397078.26	3766971.08	397078.26, 3766971.08	1.95239	3.85E-03	3.85E-03	2.5E-06	1.2E-06	1.2E-06
165	UCART1	397118.26	3766971.08	397118.26, 3766971.08	1.65564	3.27E-03	3.27E-03	2.1E-06	1.0E-06	1.0E-06
166	UCART1	397158.26	3766971.08	397158.26, 3766971.08	1.23812	2.44E-03	2.44E-03	1.6E-06	7.6E-07	7.6E-07
167	UCART1	397198.26	3766971.08	397198.26, 3766971.08	0.76211	1.50E-03	1.50E-03	9.9E-07	4.7E-07	4.7E-07
168	UCART1	397238.26	3766971.08	397238.26, 3766971.08	0.5498	1.09E-03	1.09E-03	7.1E-07	3.4E-07	3.4E-07
169	UCART1	397278.26	3766971.08	397278.26, 3766971.08	0.46474	9.17E-04	9.17E-04	6.0E-07	2.8E-07	2.8E-07
170	UCART1	397318.26	3766971.08	397318.26, 3766971.08	0.43512	8.59E-04	8.59E-04	5.6E-07	2.7E-07	2.7E-07
171	UCART1	397358.26	3766971.08	397358.26, 3766971.08	0.40651	8.02E-04	8.02E-04	5.3E-07	2.5E-07	2.5E-07
172	UCART1	397398.26	3766971.08	397398.26, 3766971.08	0.37536	7.41E-04	7.41E-04	4.9E-07	2.3E-07	2.3E-07
173	UCART1	397438.26	3766971.08	397438.26, 3766971.08	0.34094	6.73E-04	6.73E-04	4.4E-07	2.1E-07	2.1E-07
174	UCART1	397478.26	3766971.08	397478.26, 3766971.08	0.30022	5.93E-04	5.93E-04	3.9E-07	1.8E-07	1.8E-07
175	UCART1	397518.26	3766971.08	397518.26, 3766971.08	0.26674	5.26E-04	5.26E-04	3.5E-07	1.6E-07	1.6E-07
176	UCART1	397558.26	3766971.08	397558.26, 3766971.08	0.2393	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
177	UCART1	397598.26	3766971.08	397598.26, 3766971.08	0.21564	4.26E-04	4.26E-04	2.8E-07	1.3E-07	1.3E-07
178	UCART1	397638.26	3766971.08	397638.26, 3766971.08	0.19424	3.83E-04	3.83E-04	2.5E-07	1.2E-07	1.2E-07
179	UCART1	397678.26	3766971.08	397678.26, 3766971.08	0.17602	3.47E-04	3.47E-04	2.3E-07	1.1E-07	1.1E-07
180	UCART1	397718.26	3766971.08	397718.26, 3766971.08	0.16759	3.31E-04	3.31E-04	2.2E-07	1.0E-07	1.0E-07
181	UCART1	396558.26	3767011.08	396558.26, 3767011.08	0.25844	5.10E-04	5.10E-04	3.4E-07	1.6E-07	1.6E-07
182	UCART1	396598.26	3767011.08	396598.26, 3767011.08	0.30758	6.07E-04	6.07E-04	4.0E-07	1.9E-07	1.9E-07
183	UCART1	396638.26	3767011.08	396638.26, 3767011.08	0.3774	7.45E-04	7.45E-04	4.9E-07	2.3E-07	2.3E-07
184	UCART1	396678.26	3767011.08	396678.26, 3767011.08	0.46834	9.24E-04	9.24E-04	6.1E-07	2.9E-07	2.9E-07
185	UCART1	396718.26	3767011.08	396718.26, 3767011.08	0.58417	1.15E-03	1.15E-03	7.6E-07	3.6E-07	3.6E-07
186	UCART1	396758.26	3767011.08	396758.26, 3767011.08	0.74913	1.48E-03	1.48E-03	9.7E-07	4.6E-07	4.6E-07
187	UCART1	396798.26	3767011.08	396798.26, 3767011.08	0.96573	1.91E-03	1.91E-03	1.3E-06	5.9E-07	5.9E-07
188	UCART1	396838.26	3767011.08	396838.26, 3767011.08	1.28273	2.53E-03	2.53E-03	1.7E-06	7.8E-07	7.8E-07
189	UCART1	396878.26	3767011.08	396878.26, 3767011.08	1.70253	3.36E-03	3.36E-03	2.2E-06	1.0E-06	1.0E-06
190	UCART1	396918.26	3767011.08	396918.26, 3767011.08	2.21545	4.37E-03	4.37E-03	2.9E-06	1.4E-06	1.4E-06
191	UCART1	396958.26	3767011.08	396958.26, 3767011.08	2.69233	5.31E-03	5.31E-03	3.5E-06	1.6E-06	1.6E-06
192	UCART1	396998.26	3767011.08	396998.26, 3767011.08	3.01863	5.96E-03	5.96E-03	3.9E-06	1.8E-06	1.8E-06
193	UCART1	397038.26	3767011.08	397038.26, 3767011.08	3.26792	6.45E-03	6.45E-03	4.2E-06	2.0E-06	2.0E-06
194	UCART1	397078.26	3767011.08	397078.26, 3767011.08	3.46401	6.84E-03	6.84E-03	4.5E-06	2.1E-06	2.1E-06
195	UCART1	397118.26	3767011.08	397118.26, 3767011.08	2.7768	5.48E-03	5.48E-03	3.6E-06	1.7E-06	1.7E-06
196	UCART1	397158.26	3767011.08	397158.26, 3767011.08	1.86098	3.67E-03	3.67E-03	2.4E-06	1.1E-06	1.1E-06
197	UCART1	397198.26	3767011.08	397198.26, 3767011.08	1.17064	2.31E-03	2.31E-03	1.5E-06	7.2E-07	7.2E-07
198	UCART1	397238.26	3767011.08	397238.26, 3767011.08	0.8076	1.59E-03	1.59E-03	1.0E-06	4.9E-07	4.9E-07
199	UCART1	397278.26	3767011.08	397278.26, 3767011.08	0.62843	1.24E-03	1.24E-03	8.1E-07	3.8E-07	3.8E-07
200	UCART1	397318.26	3767011.08	397318.26, 3767011.08	0.544	1.07E-03	1.07E-03	7.1E-07	3.3E-07	3.3E-07
201	UCART1	397358.26	3767011.08	397358.26, 3767011.08	0.48534	9.58E-04	9.58E-04	6.3E-07	3.0E-07	3.0E-07
202	UCART1	397398.26	3767011.08	397398.26, 3767011.08	0.42462	8.38E-04	8.38E-04	5.5E-07	2.6E-07	2.6E-07
203	UCART1	397438.26	3767011.08	397438.26, 3767011.08	0.39268	7.75E-04	7.75E-04	5.1E-07	2.4E-07	2.4E-07
204	UCART1	397478.26	3767011.08	397478.26, 3767011.08	0.34429	6.80E-04	6.80E-04	4.5E-07	2.1E-07	2.1E-07
205	UCART1	397518.26	3767011.08	397518.26, 3767011.08	0.30396	6.00E-04	6.00E-04	3.9E-07	1.9E-07	1.9E-07
206	UCART1	397558.26	3767011.08	397558.26, 3767011.08	0.2692	5.31E-04	5.31E-04	3.5E-07	1.6E-07	1.6E-07
207	UCART1	397598.26	3767011.08	397598.26, 3767011.08	0.23954	4.73E-04	4.73E-04	3.1E-07	1.5E-07	1.5E-07
208	UCART1	397638.26	3767011.08	397638.26, 3767011.08	0.21463	4.24E-04	4.24E-04	2.8E-07	1.3E-07	1.3E-07
209	UCART1	397678.26	3767011.08	397678.26, 3767011.08	0.19818	3.91E-04	3.91E-04	2.6E-07	1.2E-07	1.2E-07
210	UCART1	397718.26	3767011.08	397718.26, 3767011.08	0.17649	3.48E-04	3.48E-04	2.3E-07	1.1E-07	1.1E-07
211	UCART1	396558.26	3767051.08	396558.26, 3767051.08	0.24016	4.74E-04	4.74E-04	3.1E-07	1.5E-07	1.5E-07
212	UCART1	396598.26	3767051.08	396598.26, 3767051.08	0.28348	5.60E-04	5.60E-04	3.7E-07	1.7E-07	1.7E-07
213	UCART1	396638.26	3767051.08	396638.26, 3767051.08	0.33878	6.69E-04	6.69E-04	4.4E-07	2.1E-07	2.1E-07
214	UCART1	396678.26	3767051.08	396678.26, 3767051.08	0.414	8.17E-04	8.17E-04	5.4E-07	2.5E-07	2.5E-07
215	UCART1	396718.26	3767051.08	396718.26, 3767051.08	0.51574	1.02E-03	1.02E-03	6.7E-07	3.2E-07	3.2E-07
216	UCART1	396758.26	3767051.08	396758.26, 3767051.08	0.64558	1.27E-03	1.27E-03	8.4E-07	3.9E-07	3.9E-07

217	UCART1	396798.26	3767051.08	396798.26, 3767051.08	0.82771	1.63E-03	1.63E-03	1.1E-06	5.1E-07	5.1E-07
218	UCART1	396838.26	3767051.08	396838.26, 3767051.08	1.10255	2.18E-03	2.18E-03	1.4E-06	6.7E-07	6.7E-07
219	UCART1	396878.26	3767051.08	396878.26, 3767051.08	1.52155	3.00E-03	3.00E-03	2.0E-06	9.3E-07	9.3E-07
220	UCART1	396918.26	3767051.08	396918.26, 3767051.08	2.16386	4.27E-03	4.27E-03	2.8E-06	1.3E-06	1.3E-06
221	UCART1	396958.26	3767051.08	396958.26, 3767051.08	2.94009	5.80E-03	5.80E-03	3.8E-06	1.8E-06	1.8E-06
222	UCART1	396998.26	3767051.08	396998.26, 3767051.08	4.1183	8.13E-03	8.13E-03	5.3E-06	2.5E-06	2.5E-06
223	UCART1	397038.26	3767051.08	397038.26, 3767051.08	5.15144	1.02E-02	1.02E-02	6.7E-06	3.1E-06	3.1E-06
224	UCART1	397078.26	3767051.08	397078.26, 3767051.08	4.24246	8.37E-03	8.37E-03	5.5E-06	2.6E-06	2.6E-06
225	UCART1	397118.26	3767051.08	397118.26, 3767051.08	3.42623	6.76E-03	6.76E-03	4.4E-06	2.1E-06	2.1E-06
226	UCART1	397158.26	3767051.08	397158.26, 3767051.08	2.37533	4.69E-03	4.69E-03	3.1E-06	1.5E-06	1.5E-06
227	UCART1	397198.26	3767051.08	397198.26, 3767051.08	1.53088	3.02E-03	3.02E-03	2.0E-06	9.4E-07	9.4E-07
228	UCART1	397238.26	3767051.08	397238.26, 3767051.08	1.02594	2.02E-03	2.02E-03	1.3E-06	6.3E-07	6.3E-07
229	UCART1	397278.26	3767051.08	397278.26, 3767051.08	0.83964	1.66E-03	1.66E-03	1.1E-06	5.1E-07	5.1E-07
230	UCART1	397318.26	3767051.08	397318.26, 3767051.08	0.7334	1.45E-03	1.45E-03	9.5E-07	4.5E-07	4.5E-07
231	UCART1	397358.26	3767051.08	397358.26, 3767051.08	0.58853	1.16E-03	1.16E-03	7.6E-07	3.6E-07	3.6E-07
232	UCART1	397398.26	3767051.08	397398.26, 3767051.08	0.49372	9.74E-04	9.74E-04	6.4E-07	3.0E-07	3.0E-07
233	UCART1	397438.26	3767051.08	397438.26, 3767051.08	0.43505	8.59E-04	8.59E-04	5.6E-07	2.7E-07	2.7E-07
234	UCART1	397478.26	3767051.08	397478.26, 3767051.08	0.39119	7.72E-04	7.72E-04	5.1E-07	2.4E-07	2.4E-07
235	UCART1	397518.26	3767051.08	397518.26, 3767051.08	0.33831	6.68E-04	6.68E-04	4.4E-07	2.1E-07	2.1E-07
236	UCART1	397558.26	3767051.08	397558.26, 3767051.08	0.29918	5.91E-04	5.91E-04	3.9E-07	1.8E-07	1.8E-07
237	UCART1	397598.26	3767051.08	397598.26, 3767051.08	0.262	5.17E-04	5.17E-04	3.4E-07	1.6E-07	1.6E-07
238	UCART1	397638.26	3767051.08	397638.26, 3767051.08	0.23019	4.54E-04	4.54E-04	3.0E-07	1.4E-07	1.4E-07
239	UCART1	397678.26	3767051.08	397678.26, 3767051.08	0.20675	4.08E-04	4.08E-04	2.7E-07	1.3E-07	1.3E-07
240	UCART1	397718.26	3767051.08	397718.26, 3767051.08	0.18608	3.67E-04	3.67E-04	2.4E-07	1.1E-07	1.1E-07
241	UCART1	396558.26	3767091.08	396558.26, 3767091.08	0.22578	4.46E-04	4.46E-04	2.9E-07	1.4E-07	1.4E-07
242	UCART1	396598.26	3767091.08	396598.26, 3767091.08	0.26615	5.25E-04	5.25E-04	3.5E-07	1.6E-07	1.6E-07
243	UCART1	396638.26	3767091.08	396638.26, 3767091.08	0.31071	6.13E-04	6.13E-04	4.0E-07	1.9E-07	1.9E-07
244	UCART1	396678.26	3767091.08	396678.26, 3767091.08	0.36831	7.27E-04	7.27E-04	4.8E-07	2.3E-07	2.3E-07
245	UCART1	396718.26	3767091.08	396718.26, 3767091.08	0.45079	8.90E-04	8.90E-04	5.8E-07	2.8E-07	2.8E-07
246	UCART1	396758.26	3767091.08	396758.26, 3767091.08	0.55754	1.10E-03	1.10E-03	7.2E-07	3.4E-07	3.4E-07
247	UCART1	396798.26	3767091.08	396798.26, 3767091.08	0.70401	1.39E-03	1.39E-03	9.1E-07	4.3E-07	4.3E-07
248	UCART1	396838.26	3767091.08	396838.26, 3767091.08	0.91822	1.81E-03	1.81E-03	1.2E-06	5.6E-07	5.6E-07
249	UCART1	396878.26	3767091.08	396878.26, 3767091.08	1.26162	2.49E-03	2.49E-03	1.6E-06	7.7E-07	7.7E-07
250	UCART1	396918.26	3767091.08	396918.26, 3767091.08	1.84758	3.65E-03	3.65E-03	2.4E-06	1.1E-06	1.1E-06
251	UCART1	396958.26	3767091.08	396958.26, 3767091.08	3.10977	6.14E-03	6.14E-03	4.0E-06	1.9E-06	1.9E-06
252	UCART1	396998.26	3767091.08	396998.26, 3767091.08	6.03237	1.19E-02	1.19E-02	7.8E-06	3.7E-06	3.7E-06
253	UCART1	397078.26	3767091.08	397078.26, 3767091.08	5.42884	1.07E-02	1.07E-02	7.0E-06	3.3E-06	3.3E-06
254	UCART1	397118.26	3767091.08	397118.26, 3767091.08	4.96391	9.80E-03	9.80E-03	6.4E-06	3.0E-06	3.0E-06
255	UCART1	397158.26	3767091.08	397158.26, 3767091.08	3.78998	7.48E-03	7.48E-03	4.9E-06	2.3E-06	2.3E-06
256	UCART1	397198.26	3767091.08	397198.26, 3767091.08	2.40815	4.75E-03	4.75E-03	3.1E-06	1.5E-06	1.5E-06
257	UCART1	397238.26	3767091.08	397238.26, 3767091.08	1.49946	2.96E-03	2.96E-03	1.9E-06	9.2E-07	9.2E-07
258	UCART1	397278.26	3767091.08	397278.26, 3767091.08	1.13377	2.24E-03	2.24E-03	1.5E-06	6.9E-07	6.9E-07
259	UCART1	397318.26	3767091.08	397318.26, 3767091.08	1.03178	2.04E-03	2.04E-03	1.3E-06	6.3E-07	6.3E-07
260	UCART1	397358.26	3767091.08	397358.26, 3767091.08	0.72414	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
261	UCART1	397398.26	3767091.08	397398.26, 3767091.08	0.58016	1.15E-03	1.15E-03	7.5E-07	3.5E-07	3.5E-07
262	UCART1	397438.26	3767091.08	397438.26, 3767091.08	0.49132	9.70E-04	9.70E-04	6.4E-07	3.0E-07	3.0E-07
263	UCART1	397478.26	3767091.08	397478.26, 3767091.08	0.41892	8.27E-04	8.27E-04	5.4E-07	2.6E-07	2.6E-07
264	UCART1	397518.26	3767091.08	397518.26, 3767091.08	0.36675	7.24E-04	7.24E-04	4.8E-07	2.2E-07	2.2E-07
265	UCART1	397558.26	3767091.08	397558.26, 3767091.08	0.31839	6.28E-04	6.28E-04	4.1E-07	1.9E-07	1.9E-07
266	UCART1	397598.26	3767091.08	397598.26, 3767091.08	0.28142	5.55E-04	5.55E-04	3.6E-07	1.7E-07	1.7E-07
267	UCART1	397638.26	3767091.08	397638.26, 3767091.08	0.25006	4.94E-04	4.94E-04	3.2E-07	1.5E-07	1.5E-07
268	UCART1	397678.26	3767091.08	397678.26, 3767091.08	0.21791	4.30E-04	4.30E-04	2.8E-07	1.3E-07	1.3E-07
269	UCART1	397718.26	3767091.08	397718.26, 3767091.08	0.19499	3.85E-04	3.85E-04	2.5E-07	1.2E-07	1.2E-07
270	UCART1	396558.26	3767131.08	396558.26, 3767131.08	0.21793	4.30E-04	4.30E-04	2.8E-07	1.3E-07	1.3E-07
271	UCART1	396598.26	3767131.08	396598.26, 3767131.08	0.25158	4.97E-04	4.97E-04	3.3E-07	1.5E-07	1.5E-07
272	UCART1	396638.26	3767131.08	396638.26, 3767131.08	0.294	5.80E-04	5.80E-04	3.8E-07	1.8E-07	1.8E-07
273	UCART1	396678.26	3767131.08	396678.26, 3767131.08	0.33635	6.64E-04	6.64E-04	4.4E-07	2.1E-07	2.1E-07
274	UCART1	396718.26	3767131.08	396718.26, 3767131.08	0.39958	7.89E-04	7.89E-04	5.2E-07	2.4E-07	2.4E-07
275	UCART1	396758.26	3767131.08	396758.26, 3767131.08	0.48603	9.59E-04	9.59E-04	6.3E-07	3.0E-07	3.0E-07
276	UCART1	396798.26	3767131.08	396798.26, 3767131.08	0.60578	1.20E-03	1.20E-03	7.9E-07	3.7E-07	3.7E-07
277	UCART1	396838.26	3767131.08	396838.26, 3767131.08	0.76741	1.51E-03	1.51E-03	9.9E-07	4.7E-07	4.7E-07
278	UCART1	396878.26	3767131.08	396878.26, 3767131.08	1.02545	2.02E-03	2.02E-03	1.3E-06	6.3E-07	6.3E-07
279	UCART1	396918.26	3767131.08	396918.26, 3767131.08	1.41278	2.79E-03	2.79E-03	1.8E-06	8.6E-07	8.6E-07
280	UCART1	396958.26	3767131.08	396958.26, 3767131.08	2.62161	5.17E-03	5.17E-03	3.4E-06	1.6E-06	1.6E-06
281	UCART1	397238.26	3767131.08	397238.26, 3767131.08	2.93721	5.80E-03	5.80E-03	3.8E-06	1.8E-06	1.8E-06
282	UCART1	397278.26	3767131.08	397278.26, 3767131.08	1.85629	3.66E-03	3.66E-03	2.4E-06	1.1E-06	1.1E-06
283	UCART1	397318.26	3767131.08	397318.26, 3767131.08	1.39911	2.76E-03	2.76E-03	1.8E-06	8.6E-07	8.6E-07
284	UCART1	397358.26	3767131.08	397358.26, 3767131.08	0.97126	1.92E-03	1.92E-03	1.3E-06	5.9E-07	5.9E-07
285	UCART1	397398.26	3767131.08	397398.26, 3767131.08	0.66946	1.32E-03	1.32E-03	8.7E-07	4.1E-07	4.1E-07
286	UCART1	397438.26	3767131.08	397438.26, 3767131.08	0.55501	1.10E-03	1.10E-03	7.2E-07	3.4E-07	3.4E-07
287	UCART1	397478.26	3767131.08	397478.26, 3767131.08	0.46348	9.15E-04	9.15E-04	6.0E-07	2.8E-07	2.8E-07
288	UCART1	397518.26	3767131.08	397518.26, 3767131.08	0.39553	7.81E-04	7.81E-04	5.1E-07	2.4E-07	2.4E-07
289	UCART1	397558.26	3767131.08	397558.26, 3767131.08	0.34473	6.80E-04	6.80E-04	4.5E-07	2.1E-07	2.1E-07
290	UCART1	397598.26	3767131.08	397598.26, 3767131.08	0.29922	5.91E-04	5.91E-04	3.9E-07	1.8E-07	1.8E-07
291	UCART1	397638.26	3767131.08	397638.26, 3767131.08	0.26918	5.31E-04	5.31E-04	3.5E-07	1.6E-07	1.6E-07

292	UCART1	397678.26	3767131.08	397678.26, 3767131.08	0.23557	4.65E-04	4.65E-04	3.1E-07	1.4E-07	1.4E-07
293	UCART1	397718.26	3767131.08	397718.26, 3767131.08	0.20911	4.13E-04	4.13E-04	2.7E-07	1.3E-07	1.3E-07
294	UCART1	396558.26	3767171.08	396558.26, 3767171.08	0.21572	4.26E-04	4.26E-04	2.8E-07	1.3E-07	1.3E-07
295	UCART1	396598.26	3767171.08	396598.26, 3767171.08	0.24483	4.83E-04	4.83E-04	3.2E-07	1.5E-07	1.5E-07
296	UCART1	396638.26	3767171.08	396638.26, 3767171.08	0.27957	5.52E-04	5.52E-04	3.6E-07	1.7E-07	1.7E-07
297	UCART1	396678.26	3767171.08	396678.26, 3767171.08	0.32291	6.37E-04	6.37E-04	4.2E-07	2.0E-07	2.0E-07
298	UCART1	396718.26	3767171.08	396718.26, 3767171.08	0.36382	7.18E-04	7.18E-04	4.7E-07	2.2E-07	2.2E-07
299	UCART1	396758.26	3767171.08	396758.26, 3767171.08	0.43326	8.55E-04	8.55E-04	5.6E-07	2.6E-07	2.6E-07
300	UCART1	396798.26	3767171.08	396798.26, 3767171.08	0.52779	1.04E-03	1.04E-03	6.8E-07	3.2E-07	3.2E-07
301	UCART1	396838.26	3767171.08	396838.26, 3767171.08	0.66099	1.30E-03	1.30E-03	8.6E-07	4.0E-07	4.0E-07
302	UCART1	396878.26	3767171.08	396878.26, 3767171.08	0.86174	1.70E-03	1.70E-03	1.1E-06	5.3E-07	5.3E-07
303	UCART1	396918.26	3767171.08	396918.26, 3767171.08	1.16718	2.30E-03	2.30E-03	1.5E-06	7.1E-07	7.1E-07
304	UCART1	397438.26	3767171.08	397438.26, 3767171.08	0.65618	1.30E-03	1.30E-03	8.5E-07	4.0E-07	4.0E-07
305	UCART1	397478.26	3767171.08	397478.26, 3767171.08	0.54478	1.08E-03	1.08E-03	7.1E-07	3.3E-07	3.3E-07
306	UCART1	397518.26	3767171.08	397518.26, 3767171.08	0.46123	9.10E-04	9.10E-04	6.0E-07	2.8E-07	2.8E-07
307	UCART1	397558.26	3767171.08	397558.26, 3767171.08	0.39644	7.82E-04	7.82E-04	5.1E-07	2.4E-07	2.4E-07
308	UCART1	397598.26	3767171.08	397598.26, 3767171.08	0.34358	6.78E-04	6.78E-04	4.5E-07	2.1E-07	2.1E-07
309	UCART1	397638.26	3767171.08	397638.26, 3767171.08	0.29946	5.91E-04	5.91E-04	3.9E-07	1.8E-07	1.8E-07
310	UCART1	397678.26	3767171.08	397678.26, 3767171.08	0.26099	5.15E-04	5.15E-04	3.4E-07	1.6E-07	1.6E-07
311	UCART1	397718.26	3767171.08	397718.26, 3767171.08	0.22886	4.52E-04	4.52E-04	3.0E-07	1.4E-07	1.4E-07
312	UCART1	396558.26	3767211.08	396558.26, 3767211.08	0.21272	4.20E-04	4.20E-04	2.8E-07	1.3E-07	1.3E-07
313	UCART2	396598.26	3767211.08	396598.26, 3767211.08	0.2426	4.79E-04	4.79E-04	3.1E-07	1.5E-07	1.5E-07
314	UCART3	396638.26	3767211.08	396638.26, 3767211.08	0.27295	5.39E-04	5.39E-04	3.5E-07	1.7E-07	1.7E-07
315	UCART4	396678.26	3767211.08	396678.26, 3767211.08	0.31521	6.22E-04	6.22E-04	4.1E-07	1.9E-07	1.9E-07
316	UCART5	396718.26	3767211.08	396718.26, 3767211.08	0.34717	6.85E-04	6.85E-04	4.5E-07	2.1E-07	2.1E-07
317	UCART6	396758.26	3767211.08	396758.26, 3767211.08	0.39781	7.85E-04	7.85E-04	5.2E-07	2.4E-07	2.4E-07
318	UCART7	396798.26	3767211.08	396798.26, 3767211.08	0.47248	9.33E-04	9.33E-04	6.1E-07	2.9E-07	2.9E-07
319	UCART8	396838.26	3767211.08	396838.26, 3767211.08	0.58952	1.16E-03	1.16E-03	7.6E-07	3.6E-07	3.6E-07
320	UCART9	396878.26	3767211.08	396878.26, 3767211.08	0.73868	1.46E-03	1.46E-03	9.6E-07	4.5E-07	4.5E-07
321	UCART10	396918.26	3767211.08	396918.26, 3767211.08	0.96113	1.90E-03	1.90E-03	1.2E-06	5.9E-07	5.9E-07
322	UCART11	396958.26	3767211.08	396958.26, 3767211.08	1.26678	2.50E-03	2.50E-03	1.6E-06	7.7E-07	7.7E-07
323	UCART12	397438.26	3767211.08	397438.26, 3767211.08	0.84256	1.66E-03	1.66E-03	1.1E-06	5.1E-07	5.1E-07
324	UCART13	397478.26	3767211.08	397478.26, 3767211.08	0.67179	1.33E-03	1.33E-03	8.7E-07	4.1E-07	4.1E-07
325	UCART14	397518.26	3767211.08	397518.26, 3767211.08	0.56012	1.11E-03	1.11E-03	7.3E-07	3.4E-07	3.4E-07
326	UCART15	397558.26	3767211.08	397558.26, 3767211.08	0.47394	9.35E-04	9.35E-04	6.1E-07	2.9E-07	2.9E-07
327	UCART16	397598.26	3767211.08	397598.26, 3767211.08	0.40521	8.00E-04	8.00E-04	5.3E-07	2.5E-07	2.5E-07
328	UCART17	397638.26	3767211.08	397638.26, 3767211.08	0.34668	6.84E-04	6.84E-04	4.5E-07	2.1E-07	2.1E-07
329	UCART18	397678.26	3767211.08	397678.26, 3767211.08	0.29712	5.86E-04	5.86E-04	3.9E-07	1.8E-07	1.8E-07
330	UCART19	397718.26	3767211.08	397718.26, 3767211.08	0.25676	5.07E-04	5.07E-04	3.3E-07	1.6E-07	1.6E-07
331	UCART20	396558.26	3767251.08	396558.26, 3767251.08	0.21361	4.22E-04	4.22E-04	2.8E-07	1.3E-07	1.3E-07
332	UCART21	396598.26	3767251.08	396598.26, 3767251.08	0.23929	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
333	UCART22	396638.26	3767251.08	396638.26, 3767251.08	0.27214	5.37E-04	5.37E-04	3.5E-07	1.7E-07	1.7E-07
334	UCART23	396678.26	3767251.08	396678.26, 3767251.08	0.30857	6.09E-04	6.09E-04	4.0E-07	1.9E-07	1.9E-07
335	UCART24	396718.26	3767251.08	396718.26, 3767251.08	0.34873	6.88E-04	6.88E-04	4.5E-07	2.1E-07	2.1E-07
336	UCART25	396758.26	3767251.08	396758.26, 3767251.08	0.38002	7.50E-04	7.50E-04	4.9E-07	2.3E-07	2.3E-07
337	UCART26	396798.26	3767251.08	396798.26, 3767251.08	0.44203	8.72E-04	8.72E-04	5.7E-07	2.7E-07	2.7E-07
338	UCART27	396838.26	3767251.08	396838.26, 3767251.08	0.52907	1.04E-03	1.04E-03	6.9E-07	3.2E-07	3.2E-07
339	UCART28	396878.26	3767251.08	396878.26, 3767251.08	0.65267	1.29E-03	1.29E-03	8.5E-07	4.0E-07	4.0E-07
340	UCART29	396918.26	3767251.08	396918.26, 3767251.08	0.8556	1.69E-03	1.69E-03	1.1E-06	5.2E-07	5.2E-07
341	UCART30	396958.26	3767251.08	396958.26, 3767251.08	1.03688	2.05E-03	2.05E-03	1.3E-06	6.3E-07	6.3E-07
342	UCART31	396998.26	3767251.08	396998.26, 3767251.08	1.38555	2.73E-03	2.73E-03	1.8E-06	8.5E-07	8.5E-07
343	UCART32	397038.26	3767251.08	397038.26, 3767251.08	1.82873	3.61E-03	3.61E-03	2.4E-06	1.1E-06	1.1E-06
344	UCART33	397078.26	3767251.08	397078.26, 3767251.08	3.22575	6.37E-03	6.37E-03	4.2E-06	2.0E-06	2.0E-06
345	UCART34	397118.26	3767251.08	397118.26, 3767251.08	7.72014	1.52E-02	1.52E-02	1.0E-05	4.7E-06	4.7E-06
346	UCART35	397318.26	3767251.08	397318.26, 3767251.08	3.71949	7.34E-03	7.34E-03	4.8E-06	2.3E-06	2.3E-06
347	UCART36	397358.26	3767251.08	397358.26, 3767251.08	2.30326	4.55E-03	4.55E-03	3.0E-06	1.4E-06	1.4E-06
348	UCART37	397398.26	3767251.08	397398.26, 3767251.08	1.58818	3.13E-03	3.13E-03	2.1E-06	9.7E-07	9.7E-07
349	UCART38	397438.26	3767251.08	397438.26, 3767251.08	1.19197	2.35E-03	2.35E-03	1.5E-06	7.3E-07	7.3E-07
350	UCART39	397478.26	3767251.08	397478.26, 3767251.08	0.91089	1.80E-03	1.80E-03	1.2E-06	5.6E-07	5.6E-07
351	UCART40	397518.26	3767251.08	397518.26, 3767251.08	0.72663	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
352	UCART41	397558.26	3767251.08	397558.26, 3767251.08	0.59161	1.17E-03	1.17E-03	7.7E-07	3.6E-07	3.6E-07
353	UCART42	397598.26	3767251.08	397598.26, 3767251.08	0.49259	9.72E-04	9.72E-04	6.4E-07	3.0E-07	3.0E-07
354	UCART43	397638.26	3767251.08	397638.26, 3767251.08	0.41453	8.18E-04	8.18E-04	5.4E-07	2.5E-07	2.5E-07
355	UCART44	397678.26	3767251.08	397678.26, 3767251.08	0.34967	6.90E-04	6.90E-04	4.5E-07	2.1E-07	2.1E-07
356	UCART45	397718.26	3767251.08	397718.26, 3767251.08	0.29655	5.85E-04	5.85E-04	3.8E-07	1.8E-07	1.8E-07
357	UCART46	396558.26	3767291.08	396558.26, 3767291.08	0.20686	4.08E-04	4.08E-04	2.7E-07	1.3E-07	1.3E-07
358	UCART47	396598.26	3767291.08	396598.26, 3767291.08	0.23482	4.63E-04	4.63E-04	3.0E-07	1.4E-07	1.4E-07
359	UCART48	396638.26	3767291.08	396638.26, 3767291.08	0.26726	5.28E-04	5.28E-04	3.5E-07	1.6E-07	1.6E-07
360	UCART49	396678.26	3767291.08	396678.26, 3767291.08	0.30532	6.03E-04	6.03E-04	4.0E-07	1.9E-07	1.9E-07
361	UCART50	396718.26	3767291.08	396718.26, 3767291.08	0.35262	6.96E-04	6.96E-04	4.6E-07	2.2E-07	2.2E-07
362	UCART51	396758.26	3767291.08	396758.26, 3767291.08	0.36713	7.25E-04	7.25E-04	4.8E-07	2.2E-07	2.2E-07
363	UCART52	396798.26	3767291.08	396798.26, 3767291.08	0.41906	8.27E-04	8.27E-04	5.4E-07	2.6E-07	2.6E-07
364	UCART53	396838.26	3767291.08	396838.26, 3767291.08	0.49283	9.73E-04	9.73E-04	6.4E-07	3.0E-07	3.0E-07
365	UCART54	396878.26	3767291.08	396878.26, 3767291.08	0.63801	1.26E-03	1.26E-03	8.3E-07	3.9E-07	3.9E-07
366	UCART55	396918.26	3767291.08	396918.26, 3767291.08	0.74731	1.47E-03	1.47E-03	9.7E-07	4.6E-07	4.6E-07

367	UCART56	396958.26	3767291.08	396958.26, 3767291.08	0.91371	1.80E-03	1.80E-03	1.2E-06	5.6E-07	5.6E-07
368	UCART57	396998.26	3767291.08	396998.26, 3767291.08	1.22548	2.42E-03	2.42E-03	1.6E-06	7.5E-07	7.5E-07
369	UCART58	397038.26	3767291.08	397038.26, 3767291.08	2.31731	4.57E-03	4.57E-03	3.0E-06	1.4E-06	1.4E-06
370	UCART59	397078.26	3767291.08	397078.26, 3767291.08	3.7133	7.33E-03	7.33E-03	4.8E-06	2.3E-06	2.3E-06
371	UCART60	397118.26	3767291.08	397118.26, 3767291.08	4.29258	8.47E-03	8.47E-03	5.6E-06	2.6E-06	2.6E-06
372	UCART61	397158.26	3767291.08	397158.26, 3767291.08	7.25732	1.43E-02	1.43E-02	9.4E-06	4.4E-06	4.4E-06
373	UCART62	397278.26	3767291.08	397278.26, 3767291.08	5.50076	1.09E-02	1.09E-02	7.1E-06	3.4E-06	3.4E-06
374	UCART63	397318.26	3767291.08	397318.26, 3767291.08	4.81857	9.51E-03	9.51E-03	6.2E-06	2.9E-06	2.9E-06
375	UCART64	397358.26	3767291.08	397358.26, 3767291.08	2.98005	5.88E-03	5.88E-03	3.9E-06	1.8E-06	1.8E-06
376	UCART65	397398.26	3767291.08	397398.26, 3767291.08	2.23957	4.42E-03	4.42E-03	2.9E-06	1.4E-06	1.4E-06
377	UCART66	397438.26	3767291.08	397438.26, 3767291.08	1.65888	3.27E-03	3.27E-03	2.2E-06	1.0E-06	1.0E-06
378	UCART67	397478.26	3767291.08	397478.26, 3767291.08	1.24081	2.45E-03	2.45E-03	1.6E-06	7.6E-07	7.6E-07
379	UCART68	397518.26	3767291.08	397518.26, 3767291.08	0.95774	1.89E-03	1.89E-03	1.2E-06	5.9E-07	5.9E-07
380	UCART69	397558.26	3767291.08	397558.26, 3767291.08	0.76951	1.52E-03	1.52E-03	1.0E-06	4.7E-07	4.7E-07
381	UCART70	397598.26	3767291.08	397598.26, 3767291.08	0.62507	1.23E-03	1.23E-03	8.1E-07	3.8E-07	3.8E-07
382	UCART71	397638.26	3767291.08	397638.26, 3767291.08	0.50694	1.00E-03	1.00E-03	6.6E-07	3.1E-07	3.1E-07
383	UCART72	397678.26	3767291.08	397678.26, 3767291.08	0.41984	8.29E-04	8.29E-04	5.4E-07	2.6E-07	2.6E-07
384	UCART73	397718.26	3767291.08	397718.26, 3767291.08	0.35155	6.94E-04	6.94E-04	4.6E-07	2.1E-07	2.1E-07
385	UCART74	396558.26	3767331.08	396558.26, 3767331.08	0.20322	4.01E-04	4.01E-04	2.6E-07	1.2E-07	1.2E-07
386	UCART75	396598.26	3767331.08	396598.26, 3767331.08	0.22861	4.51E-04	4.51E-04	3.0E-07	1.4E-07	1.4E-07
387	UCART76	396638.26	3767331.08	396638.26, 3767331.08	0.25615	5.06E-04	5.06E-04	3.3E-07	1.6E-07	1.6E-07
388	UCART77	396678.26	3767331.08	396678.26, 3767331.08	0.29121	5.75E-04	5.75E-04	3.8E-07	1.8E-07	1.8E-07
389	UCART78	396718.26	3767331.08	396718.26, 3767331.08	0.3347	6.61E-04	6.61E-04	4.3E-07	2.0E-07	2.0E-07
390	UCART79	396758.26	3767331.08	396758.26, 3767331.08	0.36825	7.27E-04	7.27E-04	4.8E-07	2.3E-07	2.3E-07
391	UCART80	396798.26	3767331.08	396798.26, 3767331.08	0.40476	7.99E-04	7.99E-04	5.2E-07	2.5E-07	2.5E-07
392	UCART81	396838.26	3767331.08	396838.26, 3767331.08	0.46841	9.25E-04	9.25E-04	6.1E-07	2.9E-07	2.9E-07
393	UCART82	396878.26	3767331.08	396878.26, 3767331.08	0.59483	1.17E-03	1.17E-03	7.7E-07	3.6E-07	3.6E-07
394	UCART83	396918.26	3767331.08	396918.26, 3767331.08	0.68249	1.35E-03	1.35E-03	8.8E-07	4.2E-07	4.2E-07
395	UCART84	396958.26	3767331.08	396958.26, 3767331.08	0.8201	1.62E-03	1.62E-03	1.1E-06	5.0E-07	5.0E-07
396	UCART85	396998.26	3767331.08	396998.26, 3767331.08	1.0773	2.13E-03	2.13E-03	1.4E-06	6.6E-07	6.6E-07
397	UCART86	397038.26	3767331.08	397038.26, 3767331.08	1.78355	3.52E-03	3.52E-03	2.3E-06	1.1E-06	1.1E-06
398	UCART87	397078.26	3767331.08	397078.26, 3767331.08	3.29833	6.51E-03	6.51E-03	4.3E-06	2.0E-06	2.0E-06
399	UCART88	397118.26	3767331.08	397118.26, 3767331.08	4.70045	9.28E-03	9.28E-03	6.1E-06	2.9E-06	2.9E-06
400	UCART89	397158.26	3767331.08	397158.26, 3767331.08	5.93876	1.17E-02	1.17E-02	7.7E-06	3.6E-06	3.6E-06
401	UCART90	397198.26	3767331.08	397198.26, 3767331.08	6.44728	1.27E-02	1.27E-02	8.4E-06	3.9E-06	3.9E-06
402	UCART91	397238.26	3767331.08	397238.26, 3767331.08	6.55521	1.29E-02	1.29E-02	8.5E-06	4.0E-06	4.0E-06
403	UCART92	397278.26	3767331.08	397278.26, 3767331.08	5.89825	1.16E-02	1.16E-02	7.6E-06	3.6E-06	3.6E-06
404	UCART93	397318.26	3767331.08	397318.26, 3767331.08	4.34688	8.58E-03	8.58E-03	5.6E-06	2.7E-06	2.7E-06
405	UCART94	397358.26	3767331.08	397358.26, 3767331.08	3.43035	6.77E-03	6.77E-03	4.4E-06	2.1E-06	2.1E-06
406	UCART95	397398.26	3767331.08	397398.26, 3767331.08	2.76297	5.45E-03	5.45E-03	3.6E-06	1.7E-06	1.7E-06
407	UCART96	397438.26	3767331.08	397438.26, 3767331.08	2.08411	4.11E-03	4.11E-03	2.7E-06	1.3E-06	1.3E-06
408	UCART97	397478.26	3767331.08	397478.26, 3767331.08	1.57705	3.11E-03	3.11E-03	2.0E-06	9.6E-07	9.6E-07
409	UCART98	397518.26	3767331.08	397518.26, 3767331.08	1.22855	2.42E-03	2.42E-03	1.6E-06	7.5E-07	7.5E-07
410	UCART99	397558.26	3767331.08	397558.26, 3767331.08	0.97886	1.93E-03	1.93E-03	1.3E-06	6.0E-07	6.0E-07
411	UCART10	397598.26	3767331.08	397598.26, 3767331.08	0.78378	1.55E-03	1.55E-03	1.0E-06	4.8E-07	4.8E-07
412	UCART10	397638.26	3767331.08	397638.26, 3767331.08	0.63273	1.25E-03	1.25E-03	8.2E-07	3.9E-07	3.9E-07
413	UCART10	397678.26	3767331.08	397678.26, 3767331.08	0.5092	1.01E-03	1.01E-03	6.6E-07	3.1E-07	3.1E-07
414	UCART10	397718.26	3767331.08	397718.26, 3767331.08	0.4181	8.25E-04	8.25E-04	5.4E-07	2.6E-07	2.6E-07
415	UCART10	396558.26	3767371.08	396558.26, 3767371.08	0.19874	3.92E-04	3.92E-04	2.6E-07	1.2E-07	1.2E-07
416	UCART10	396598.26	3767371.08	396598.26, 3767371.08	0.22061	4.35E-04	4.35E-04	2.9E-07	1.3E-07	1.3E-07
417	UCART10	396638.26	3767371.08	396638.26, 3767371.08	0.24751	4.89E-04	4.89E-04	3.2E-07	1.5E-07	1.5E-07
418	UCART10	396678.26	3767371.08	396678.26, 3767371.08	0.28048	5.54E-04	5.54E-04	3.6E-07	1.7E-07	1.7E-07
419	UCART10	396718.26	3767371.08	396718.26, 3767371.08	0.32298	6.37E-04	6.37E-04	4.2E-07	2.0E-07	2.0E-07
420	UCART10	396758.26	3767371.08	396758.26, 3767371.08	0.35816	7.07E-04	7.07E-04	4.6E-07	2.2E-07	2.2E-07
421	UCART11	396798.26	3767371.08	396798.26, 3767371.08	0.38902	7.68E-04	7.68E-04	5.0E-07	2.4E-07	2.4E-07
422	UCART11	396838.26	3767371.08	396838.26, 3767371.08	0.44311	8.75E-04	8.75E-04	5.7E-07	2.7E-07	2.7E-07
423	UCART11	396878.26	3767371.08	396878.26, 3767371.08	0.54584	1.08E-03	1.08E-03	7.1E-07	3.3E-07	3.3E-07
424	UCART11	396918.26	3767371.08	396918.26, 3767371.08	0.62957	1.24E-03	1.24E-03	8.2E-07	3.8E-07	3.8E-07
425	UCART11	396958.26	3767371.08	396958.26, 3767371.08	0.74551	1.47E-03	1.47E-03	9.7E-07	4.6E-07	4.6E-07
426	UCART11	396998.26	3767371.08	396998.26, 3767371.08	0.96512	1.90E-03	1.90E-03	1.3E-06	5.9E-07	5.9E-07
427	UCART11	397038.26	3767371.08	397038.26, 3767371.08	1.41244	2.79E-03	2.79E-03	1.8E-06	8.6E-07	8.6E-07
428	UCART11	397078.26	3767371.08	397078.26, 3767371.08	2.35928	4.66E-03	4.66E-03	3.1E-06	1.4E-06	1.4E-06
429	UCART11	397118.26	3767371.08	397118.26, 3767371.08	3.28667	6.49E-03	6.49E-03	4.3E-06	2.0E-06	2.0E-06
430	UCART11	397158.26	3767371.08	397158.26, 3767371.08	4.28108	8.45E-03	8.45E-03	5.6E-06	2.6E-06	2.6E-06
431	UCART12	397198.26	3767371.08	397198.26, 3767371.08	4.77214	9.42E-03	9.42E-03	6.2E-06	2.9E-06	2.9E-06
432	UCART12	397238.26	3767371.08	397238.26, 3767371.08	4.751	9.38E-03	9.38E-03	6.2E-06	2.9E-06	2.9E-06
433	UCART12	397278.26	3767371.08	397278.26, 3767371.08	4.45102	8.79E-03	8.79E-03	5.8E-06	2.7E-06	2.7E-06
434	UCART12	397318.26	3767371.08	397318.26, 3767371.08	3.99105	7.88E-03	7.88E-03	5.2E-06	2.4E-06	2.4E-06
435	UCART12	397358.26	3767371.08	397358.26, 3767371.08	3.39679	6.70E-03	6.70E-03	4.4E-06	2.1E-06	2.1E-06
436	UCART12	397398.26	3767371.08	397398.26, 3767371.08	2.90862	5.74E-03	5.74E-03	3.8E-06	1.8E-06	1.8E-06
437	UCART12	397438.26	3767371.08	397438.26, 3767371.08	2.30259	4.54E-03	4.54E-03	3.0E-06	1.4E-06	1.4E-06
438	UCART12	397478.26	3767371.08	397478.26, 3767371.08	1.81774	3.59E-03	3.59E-03	2.4E-06	1.1E-06	1.1E-06
439	UCART12	397518.26	3767371.08	397518.26, 3767371.08	1.44216	2.85E-03	2.85E-03	1.9E-06	8.8E-07	8.8E-07
440	UCART12	397558.26	3767371.08	397558.26, 3767371.08	1.16045	2.29E-03	2.29E-03	1.5E-06	7.1E-07	7.1E-07
441	UCART13	397598.26	3767371.08	397598.26, 3767371.08	0.93361	1.84E-03	1.84E-03	1.2E-06	5.7E-07	5.7E-07

442	UCART13	397638.26	3767371.08	397638.26, 3767371.08	0.75711	1.49E-03	1.49E-03	9.8E-07	4.6E-07	4.6E-07
443	UCART13	397678.26	3767371.08	397678.26, 3767371.08	0.61487	1.21E-03	1.21E-03	8.0E-07	3.8E-07	3.8E-07
444	UCART13	397718.26	3767371.08	397718.26, 3767371.08	0.49355	9.74E-04	9.74E-04	6.4E-07	3.0E-07	3.0E-07
445	UCART13	396558.26	3767411.08	396558.26, 3767411.08	0.19292	3.81E-04	3.81E-04	2.5E-07	1.2E-07	1.2E-07
446	UCART13	396598.26	3767411.08	396598.26, 3767411.08	0.21335	4.21E-04	4.21E-04	2.8E-07	1.3E-07	1.3E-07
447	UCART13	396638.26	3767411.08	396638.26, 3767411.08	0.23927	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
448	UCART13	396678.26	3767411.08	396678.26, 3767411.08	0.27194	5.37E-04	5.37E-04	3.5E-07	1.7E-07	1.7E-07
449	UCART13	396718.26	3767411.08	396718.26, 3767411.08	0.31101	6.14E-04	6.14E-04	4.0E-07	1.9E-07	1.9E-07
450	UCART13	396758.26	3767411.08	396758.26, 3767411.08	0.34661	6.84E-04	6.84E-04	4.5E-07	2.1E-07	2.1E-07
451	UCART14	396798.26	3767411.08	396798.26, 3767411.08	0.37334	7.37E-04	7.37E-04	4.8E-07	2.3E-07	2.3E-07
452	UCART14	396838.26	3767411.08	396838.26, 3767411.08	0.42082	8.31E-04	8.31E-04	5.5E-07	2.6E-07	2.6E-07
453	UCART14	396878.26	3767411.08	396878.26, 3767411.08	0.50492	9.97E-04	9.97E-04	6.5E-07	3.1E-07	3.1E-07
454	UCART14	396918.26	3767411.08	396918.26, 3767411.08	0.57403	1.13E-03	1.13E-03	7.4E-07	3.5E-07	3.5E-07
455	UCART14	396958.26	3767411.08	396958.26, 3767411.08	0.67005	1.32E-03	1.32E-03	8.7E-07	4.1E-07	4.1E-07
456	UCART14	396998.26	3767411.08	396998.26, 3767411.08	0.85969	1.70E-03	1.70E-03	1.1E-06	5.3E-07	5.3E-07
457	UCART14	397038.26	3767411.08	397038.26, 3767411.08	1.24886	2.46E-03	2.46E-03	1.6E-06	7.6E-07	7.6E-07
458	UCART14	397078.26	3767411.08	397078.26, 3767411.08	1.88382	3.72E-03	3.72E-03	2.4E-06	1.2E-06	1.2E-06
459	UCART14	397118.26	3767411.08	397118.26, 3767411.08	2.5213	4.98E-03	4.98E-03	3.3E-06	1.5E-06	1.5E-06
460	UCART14	397158.26	3767411.08	397158.26, 3767411.08	3.07628	6.07E-03	6.07E-03	4.0E-06	1.9E-06	1.9E-06
461	UCART15	397198.26	3767411.08	397198.26, 3767411.08	3.46155	6.83E-03	6.83E-03	4.5E-06	2.1E-06	2.1E-06
462	UCART15	397238.26	3767411.08	397238.26, 3767411.08	3.67307	7.25E-03	7.25E-03	4.8E-06	2.2E-06	2.2E-06
463	UCART15	397278.26	3767411.08	397278.26, 3767411.08	3.64948	7.20E-03	7.20E-03	4.7E-06	2.2E-06	2.2E-06
464	UCART15	397318.26	3767411.08	397318.26, 3767411.08	3.43972	6.79E-03	6.79E-03	4.5E-06	2.1E-06	2.1E-06
465	UCART15	397358.26	3767411.08	397358.26, 3767411.08	3.07728	6.07E-03	6.07E-03	4.0E-06	1.9E-06	1.9E-06
466	UCART15	397398.26	3767411.08	397398.26, 3767411.08	2.74365	5.42E-03	5.42E-03	3.6E-06	1.7E-06	1.7E-06
467	UCART15	397438.26	3767411.08	397438.26, 3767411.08	2.33584	4.61E-03	4.61E-03	3.0E-06	1.4E-06	1.4E-06
468	UCART15	397478.26	3767411.08	397478.26, 3767411.08	1.9315	3.81E-03	3.81E-03	2.5E-06	1.2E-06	1.2E-06
469	UCART15	397518.26	3767411.08	397518.26, 3767411.08	1.58207	3.12E-03	3.12E-03	2.1E-06	9.7E-07	9.7E-07
470	UCART15	397558.26	3767411.08	397558.26, 3767411.08	1.29883	2.56E-03	2.56E-03	1.7E-06	7.9E-07	7.9E-07
471	UCART16	397598.26	3767411.08	397598.26, 3767411.08	1.055	2.08E-03	2.08E-03	1.4E-06	6.4E-07	6.4E-07
472	UCART16	397638.26	3767411.08	397638.26, 3767411.08	0.8622	1.70E-03	1.70E-03	1.1E-06	5.3E-07	5.3E-07
473	UCART16	397678.26	3767411.08	397678.26, 3767411.08	0.70879	1.40E-03	1.40E-03	9.2E-07	4.3E-07	4.3E-07
474	UCART16	397718.26	3767411.08	397718.26, 3767411.08	0.57601	1.14E-03	1.14E-03	7.5E-07	3.5E-07	3.5E-07
475	UCART16	396558.26	3767451.08	396558.26, 3767451.08	0.18674	3.69E-04	3.69E-04	2.4E-07	1.1E-07	1.1E-07
476	UCART16	396598.26	3767451.08	396598.26, 3767451.08	0.20671	4.08E-04	4.08E-04	2.7E-07	1.3E-07	1.3E-07
477	UCART16	396638.26	3767451.08	396638.26, 3767451.08	0.2306	4.55E-04	4.55E-04	3.0E-07	1.4E-07	1.4E-07
478	UCART16	396678.26	3767451.08	396678.26, 3767451.08	0.25998	5.13E-04	5.13E-04	3.4E-07	1.6E-07	1.6E-07
479	UCART16	396718.26	3767451.08	396718.26, 3767451.08	0.29314	5.79E-04	5.79E-04	3.8E-07	1.8E-07	1.8E-07
480	UCART16	396758.26	3767451.08	396758.26, 3767451.08	0.3319	6.55E-04	6.55E-04	4.3E-07	2.0E-07	2.0E-07
481	UCART17	396798.26	3767451.08	396798.26, 3767451.08	0.35205	6.95E-04	6.95E-04	4.6E-07	2.2E-07	2.2E-07
482	UCART17	396838.26	3767451.08	396838.26, 3767451.08	0.3992	7.88E-04	7.88E-04	5.2E-07	2.4E-07	2.4E-07
483	UCART17	396878.26	3767451.08	396878.26, 3767451.08	0.46618	9.20E-04	9.20E-04	6.0E-07	2.8E-07	2.8E-07
484	UCART17	396918.26	3767451.08	396918.26, 3767451.08	0.52311	1.03E-03	1.03E-03	6.8E-07	3.2E-07	3.2E-07
485	UCART17	396958.26	3767451.08	396958.26, 3767451.08	0.60306	1.19E-03	1.19E-03	7.8E-07	3.7E-07	3.7E-07
486	UCART17	396998.26	3767451.08	396998.26, 3767451.08	0.74951	1.48E-03	1.48E-03	9.7E-07	4.6E-07	4.6E-07
487	UCART17	397038.26	3767451.08	397038.26, 3767451.08	1.03373	2.04E-03	2.04E-03	1.3E-06	6.3E-07	6.3E-07
488	UCART17	397078.26	3767451.08	397078.26, 3767451.08	1.46765	2.90E-03	2.90E-03	1.9E-06	9.0E-07	9.0E-07
489	UCART17	397118.26	3767451.08	397118.26, 3767451.08	1.96994	3.89E-03	3.89E-03	2.6E-06	1.2E-06	1.2E-06
490	UCART17	397158.26	3767451.08	397158.26, 3767451.08	2.43024	4.80E-03	4.80E-03	3.2E-06	1.5E-06	1.5E-06
491	UCART18	397198.26	3767451.08	397198.26, 3767451.08	2.73845	5.41E-03	5.41E-03	3.6E-06	1.7E-06	1.7E-06
492	UCART18	397238.26	3767451.08	397238.26, 3767451.08	2.93878	5.80E-03	5.80E-03	3.8E-06	1.8E-06	1.8E-06
493	UCART18	397278.26	3767451.08	397278.26, 3767451.08	2.9903	5.90E-03	5.90E-03	3.9E-06	1.8E-06	1.8E-06
494	UCART18	397318.26	3767451.08	397318.26, 3767451.08	2.89817	5.72E-03	5.72E-03	3.8E-06	1.8E-06	1.8E-06
495	UCART18	397358.26	3767451.08	397358.26, 3767451.08	2.7183	5.37E-03	5.37E-03	3.5E-06	1.7E-06	1.7E-06
496	UCART18	397398.26	3767451.08	397398.26, 3767451.08	2.49849	4.93E-03	4.93E-03	3.2E-06	1.5E-06	1.5E-06
497	UCART18	397438.26	3767451.08	397438.26, 3767451.08	2.23416	4.41E-03	4.41E-03	2.9E-06	1.4E-06	1.4E-06
498	UCART18	397478.26	3767451.08	397478.26, 3767451.08	1.92554	3.80E-03	3.80E-03	2.5E-06	1.2E-06	1.2E-06
499	UCART18	397518.26	3767451.08	397518.26, 3767451.08	1.63565	3.23E-03	3.23E-03	2.1E-06	1.0E-06	1.0E-06
500	UCART18	397558.26	3767451.08	397558.26, 3767451.08	1.37438	2.71E-03	2.71E-03	1.8E-06	8.4E-07	8.4E-07
501	UCART19	397598.26	3767451.08	397598.26, 3767451.08	1.13527	2.24E-03	2.24E-03	1.5E-06	6.9E-07	6.9E-07
502	UCART19	397638.26	3767451.08	397638.26, 3767451.08	0.9395	1.85E-03	1.85E-03	1.2E-06	5.7E-07	5.7E-07
503	UCART19	397678.26	3767451.08	397678.26, 3767451.08	0.77927	1.54E-03	1.54E-03	1.0E-06	4.8E-07	4.8E-07
504	UCART19	397718.26	3767451.08	397718.26, 3767451.08	0.64397	1.27E-03	1.27E-03	8.3E-07	3.9E-07	3.9E-07
505	UCART19	396558.26	3767491.08	396558.26, 3767491.08	0.18073	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
506	UCART19	396598.26	3767491.08	396598.26, 3767491.08	0.19905	3.93E-04	3.93E-04	2.6E-07	1.2E-07	1.2E-07
507	UCART19	396638.26	3767491.08	396638.26, 3767491.08	0.22128	4.37E-04	4.37E-04	2.9E-07	1.4E-07	1.4E-07
508	UCART19	396678.26	3767491.08	396678.26, 3767491.08	0.24628	4.86E-04	4.86E-04	3.2E-07	1.5E-07	1.5E-07
509	UCART19	396718.26	3767491.08	396718.26, 3767491.08	0.27356	5.40E-04	5.40E-04	3.5E-07	1.7E-07	1.7E-07
510	UCART19	396758.26	3767491.08	396758.26, 3767491.08	0.30768	6.07E-04	6.07E-04	4.0E-07	1.9E-07	1.9E-07
511	UCART20	396798.26	3767491.08	396798.26, 3767491.08	0.32983	6.51E-04	6.51E-04	4.3E-07	2.0E-07	2.0E-07
512	UCART20	396838.26	3767491.08	396838.26, 3767491.08	0.36829	7.27E-04	7.27E-04	4.8E-07	2.3E-07	2.3E-07
513	UCART20	396878.26	3767491.08	396878.26, 3767491.08	0.4232	8.35E-04	8.35E-04	5.5E-07	2.6E-07	2.6E-07
514	UCART20	396918.26	3767491.08	396918.26, 3767491.08	0.47407	9.36E-04	9.36E-04	6.1E-07	2.9E-07	2.9E-07
515	UCART20	396958.26	3767491.08	396958.26, 3767491.08	0.54375	1.07E-03	1.07E-03	7.0E-07	3.3E-07	3.3E-07
516	UCART20	396998.26	3767491.08	396998.26, 3767491.08	0.6618	1.31E-03	1.31E-03	8.6E-07	4.0E-07	4.0E-07

517	UCART20	397038.26	3767491.08	397038.26, 3767491.08	0.8733	1.72E-03	1.72E-03	1.1E-06	5.3E-07	5.3E-07
518	UCART20	397078.26	3767491.08	397078.26, 3767491.08	1.21296	2.39E-03	2.39E-03	1.6E-06	7.4E-07	7.4E-07
519	UCART20	397118.26	3767491.08	397118.26, 3767491.08	1.58892	3.14E-03	3.14E-03	2.1E-06	9.7E-07	9.7E-07
520	UCART20	397158.26	3767491.08	397158.26, 3767491.08	1.93823	3.83E-03	3.83E-03	2.5E-06	1.2E-06	1.2E-06
521	UCART21	397198.26	3767491.08	397198.26, 3767491.08	2.21503	4.37E-03	4.37E-03	2.9E-06	1.4E-06	1.4E-06
522	UCART21	397238.26	3767491.08	397238.26, 3767491.08	2.39431	4.73E-03	4.73E-03	3.1E-06	1.5E-06	1.5E-06
523	UCART21	397278.26	3767491.08	397278.26, 3767491.08	2.47938	4.89E-03	4.89E-03	3.2E-06	1.5E-06	1.5E-06
524	UCART21	397318.26	3767491.08	397318.26, 3767491.08	2.45671	4.85E-03	4.85E-03	3.2E-06	1.5E-06	1.5E-06
525	UCART21	397358.26	3767491.08	397358.26, 3767491.08	2.35127	4.64E-03	4.64E-03	3.0E-06	1.4E-06	1.4E-06
526	UCART21	397398.26	3767491.08	397398.26, 3767491.08	2.21821	4.38E-03	4.38E-03	2.9E-06	1.4E-06	1.4E-06
527	UCART21	397438.26	3767491.08	397438.26, 3767491.08	2.04896	4.04E-03	4.04E-03	2.7E-06	1.3E-06	1.3E-06
528	UCART21	397478.26	3767491.08	397478.26, 3767491.08	1.83649	3.62E-03	3.62E-03	2.4E-06	1.1E-06	1.1E-06
529	UCART21	397518.26	3767491.08	397518.26, 3767491.08	1.61217	3.18E-03	3.18E-03	2.1E-06	9.9E-07	9.9E-07
530	UCART21	397558.26	3767491.08	397558.26, 3767491.08	1.38566	2.73E-03	2.73E-03	1.8E-06	8.5E-07	8.5E-07
531	UCART22	397598.26	3767491.08	397598.26, 3767491.08	1.1683	2.31E-03	2.31E-03	1.5E-06	7.1E-07	7.1E-07
532	UCART22	397638.26	3767491.08	397638.26, 3767491.08	0.98658	1.95E-03	1.95E-03	1.3E-06	6.0E-07	6.0E-07
533	UCART22	397678.26	3767491.08	397678.26, 3767491.08	0.82602	1.63E-03	1.63E-03	1.1E-06	5.0E-07	5.0E-07
534	UCART22	397718.26	3767491.08	397718.26, 3767491.08	0.69116	1.36E-03	1.36E-03	9.0E-07	4.2E-07	4.2E-07
535	UCART22	396558.26	3767531.08	396558.26, 3767531.08	0.17522	3.46E-04	3.46E-04	2.3E-07	1.1E-07	1.1E-07
536	UCART22	396598.26	3767531.08	396598.26, 3767531.08	0.19277	3.80E-04	3.80E-04	2.5E-07	1.2E-07	1.2E-07
537	UCART22	396638.26	3767531.08	396638.26, 3767531.08	0.21488	4.24E-04	4.24E-04	2.8E-07	1.3E-07	1.3E-07
538	UCART22	396678.26	3767531.08	396678.26, 3767531.08	0.23894	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
539	UCART22	396718.26	3767531.08	396718.26, 3767531.08	0.25966	5.13E-04	5.13E-04	3.4E-07	1.6E-07	1.6E-07
540	UCART22	396758.26	3767531.08	396758.26, 3767531.08	0.29144	5.75E-04	5.75E-04	3.8E-07	1.8E-07	1.8E-07
541	UCART23	396798.26	3767531.08	396798.26, 3767531.08	0.30914	6.10E-04	6.10E-04	4.0E-07	1.9E-07	1.9E-07
542	UCART23	396838.26	3767531.08	396838.26, 3767531.08	0.34442	6.80E-04	6.80E-04	4.5E-07	2.1E-07	2.1E-07
543	UCART23	396878.26	3767531.08	396878.26, 3767531.08	0.39148	7.73E-04	7.73E-04	5.1E-07	2.4E-07	2.4E-07
544	UCART23	396918.26	3767531.08	396918.26, 3767531.08	0.43453	8.58E-04	8.58E-04	5.6E-07	2.7E-07	2.7E-07
545	UCART23	396958.26	3767531.08	396958.26, 3767531.08	0.49498	9.77E-04	9.77E-04	6.4E-07	3.0E-07	3.0E-07
546	UCART23	396998.26	3767531.08	396998.26, 3767531.08	0.59392	1.17E-03	1.17E-03	7.7E-07	3.6E-07	3.6E-07
547	UCART23	397038.26	3767531.08	397038.26, 3767531.08	0.77049	1.52E-03	1.52E-03	1.0E-06	4.7E-07	4.7E-07
548	UCART23	397078.26	3767531.08	397078.26, 3767531.08	1.01865	2.01E-03	2.01E-03	1.3E-06	6.2E-07	6.2E-07
549	UCART23	397118.26	3767531.08	397118.26, 3767531.08	1.31628	2.60E-03	2.60E-03	1.7E-06	8.0E-07	8.0E-07
550	UCART23	397158.26	3767531.08	397158.26, 3767531.08	1.62682	3.21E-03	3.21E-03	2.1E-06	9.9E-07	9.9E-07
551	UCART24	397198.26	3767531.08	397198.26, 3767531.08	1.85815	3.67E-03	3.67E-03	2.4E-06	1.1E-06	1.1E-06
552	UCART24	397238.26	3767531.08	397238.26, 3767531.08	2.01415	3.98E-03	3.98E-03	2.6E-06	1.2E-06	1.2E-06
553	UCART24	397278.26	3767531.08	397278.26, 3767531.08	2.09336	4.13E-03	4.13E-03	2.7E-06	1.3E-06	1.3E-06
554	UCART24	397318.26	3767531.08	397318.26, 3767531.08	2.10485	4.15E-03	4.15E-03	2.7E-06	1.3E-06	1.3E-06
555	UCART24	397358.26	3767531.08	397358.26, 3767531.08	2.04813	4.04E-03	4.04E-03	2.7E-06	1.3E-06	1.3E-06
556	UCART24	397398.26	3767531.08	397398.26, 3767531.08	1.94555	3.84E-03	3.84E-03	2.5E-06	1.2E-06	1.2E-06
557	UCART24	397438.26	3767531.08	397438.26, 3767531.08	1.86584	3.68E-03	3.68E-03	2.4E-06	1.1E-06	1.1E-06
558	UCART24	397478.26	3767531.08	397478.26, 3767531.08	1.72194	3.40E-03	3.40E-03	2.2E-06	1.1E-06	1.1E-06
559	UCART24	397518.26	3767531.08	397518.26, 3767531.08	1.53801	3.04E-03	3.04E-03	2.0E-06	9.4E-07	9.4E-07
560	UCART24	397558.26	3767531.08	397558.26, 3767531.08	1.34967	2.66E-03	2.66E-03	1.7E-06	8.2E-07	8.2E-07
561	UCART25	397598.26	3767531.08	397598.26, 3767531.08	1.16088	2.29E-03	2.29E-03	1.5E-06	7.1E-07	7.1E-07
562	UCART25	397638.26	3767531.08	397638.26, 3767531.08	0.99835	1.97E-03	1.97E-03	1.3E-06	6.1E-07	6.1E-07
563	UCART25	397678.26	3767531.08	397678.26, 3767531.08	0.85294	1.68E-03	1.68E-03	1.1E-06	5.2E-07	5.2E-07
564	UCART25	397718.26	3767531.08	397718.26, 3767531.08	0.72443	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
565	UCART25	397320.82	3767219.11	397320.82, 3767219.11	3.93122	7.76E-03	7.76E-03	5.1E-06	2.4E-06	2.4E-06
566	UCART25	397330.82	3767209.11	397330.82, 3767209.11	3.48995	6.89E-03	6.89E-03	4.5E-06	2.1E-06	2.1E-06
567	UCART25	397340.82	3767189.11	397340.82, 3767189.11	2.55506	5.04E-03	5.04E-03	3.3E-06	1.6E-06	1.6E-06
568	UCART25	397340.82	3767199.11	397340.82, 3767199.11	2.87609	5.68E-03	5.68E-03	3.7E-06	1.8E-06	1.8E-06
569	UCART25	397340.82	3767209.11	397340.82, 3767209.11	3.22001	6.36E-03	6.36E-03	4.2E-06	2.0E-06	2.0E-06
570	UCART25	397350.82	3767189.11	397350.82, 3767189.11	2.24219	4.43E-03	4.43E-03	2.9E-06	1.4E-06	1.4E-06
571	UCART26	397350.82	3767199.11	397350.82, 3767199.11	2.48763	4.91E-03	4.91E-03	3.2E-06	1.5E-06	1.5E-06
572	UCART26	397360.82	3767189.11	397360.82, 3767189.11	1.74557	3.45E-03	3.45E-03	2.3E-06	1.1E-06	1.1E-06
573	UCART26	397360.82	3767199.11	397360.82, 3767199.11	1.92279	3.80E-03	3.80E-03	2.5E-06	1.2E-06	1.2E-06
574	UCART26	397370.82	3767189.11	397370.82, 3767189.11	1.33031	2.63E-03	2.63E-03	1.7E-06	8.1E-07	8.1E-07
575	UCART26	397380.82	3767189.11	397380.82, 3767189.11	1.09269	2.16E-03	2.16E-03	1.4E-06	6.7E-07	6.7E-07
576	UCART26	396934.73	3767169.52	396934.73, 3767169.52	1.31978	2.60E-03	2.60E-03	1.7E-06	8.1E-07	8.1E-07
577	UCART26	397014.53	3767229.6	397014.53, 3767229.6	1.70843	3.37E-03	3.37E-03	2.2E-06	1.0E-06	1.0E-06
578	UCART26	397044.1	3767223.97	397044.1, 3767223.97	2.70418	5.34E-03	5.34E-03	3.5E-06	1.7E-06	1.7E-06
579	UCART26	397113.57	3767239.93	397113.57, 3767239.93	8.78454	1.73E-02	1.73E-02	1.1E-05	5.4E-06	5.4E-06
580	UCART26	397158.63	3767280.29	397158.63, 3767280.29	8.99881	1.78E-02	1.78E-02	1.2E-05	5.5E-06	5.5E-06
581	UCART27	397168.95	3767307.05	397168.95, 3767307.05	6.59628	1.30E-02	1.30E-02	8.6E-06	4.0E-06	4.0E-06
582	UCART27	397244.05	3767296.72	397244.05, 3767296.72	7.79967	1.54E-02	1.54E-02	1.0E-05	4.8E-06	4.8E-06
583	UCART27	397260.95	3767278.88	397260.95, 3767278.88	6.84492	1.35E-02	1.35E-02	8.9E-06	4.2E-06	4.2E-06
584	UCART27	397409.74	3767205.66	397409.74, 3767205.66	0.98343	1.94E-03	1.94E-03	1.3E-06	6.0E-07	6.0E-07
585	UCART27	397422.89	3767189.23	397422.89, 3767189.23	0.79025	1.56E-03	1.56E-03	1.0E-06	4.8E-07	4.8E-07
586	UCART27	397426.64	3767180.78	397426.64, 3767180.78	0.73406	1.45E-03	1.45E-03	9.5E-07	4.5E-07	4.5E-07
587	UCART27	397420.54	3767170.46	397420.54, 3767170.46	0.71731	1.42E-03	1.42E-03	9.3E-07	4.4E-07	4.4E-07
588	UCART27	397318.68	3767160.13	397318.68, 3767160.13	1.96003	3.87E-03	3.87E-03	2.5E-06	1.2E-06	1.2E-06
589	UCART27	397022.98	3767083.62	397022.98, 3767083.62	5.74259	1.13E-02	1.13E-02	7.4E-06	3.5E-06	3.5E-06

Emergency Backup Generator Emissions

UNMITIGATED

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
QSK78	Diesel	24	3,705	0.7	50	13	48,165	3,112,200

Emissions Rates (g/hp-hr)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
QSK78	0.140	1.020	1.120	2.600	0.500	521.640	0.020	0.020	0.020	0.005	0.021

Emissions factors for tier 4 engines : https://dieselnet.com/standards/us/nonroad.php

Criteria Pollutant Emissions (pounds/day)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Total	14.87	108.31	118.93	276.08	53.09	55390.69	2.12	2.12	2.12	0.52	2.23

Health Risk Emissions (tons/year)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Total	0.48	3.50	3.84	8.92	1.72	1,789.54	0.0686	0.0686	0.07	0.02	0.07

	PM_{10} Grams/yr	PM_{10} g/s
AERMOD Modeling Emissions	62,244.00	1.97E-03

GHG Emissions (metric tons)	CO_2	CH_4	CO_2e
	1623.45	0.07	1,625.08

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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_CR_20ft\Saturn_CR_20ft.ADI
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** AERMOD Control Pathway
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**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Saturn_CR_20ft.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG02           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG03           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG05           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG06           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG08           0.0417    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG09           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG10           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG11           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG12           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG13           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG14           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG15           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG16           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG17           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG18           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG19           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG20           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG21           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG22           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG23           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG24           0.0417    14.326   756.483 32.6741244228888      0.61


** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
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BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
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BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
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BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
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BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
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BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43

XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69

XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80

XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54

XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37

YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62

YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46

```
   YBADJ    EG21            31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21            85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22            62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22           -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22           -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22           -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22            29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22            94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23            68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23           -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23          -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23           -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23            29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23           100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_CR_20ft.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
```

```
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_CR_20FT.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_CR_20FT.AD\01H1G001.PLT 32
   PLOTFILE PERIOD ALL SATURN_CR_20FT.AD\PE00GALL.PLT 33
   PLOTFILE PERIOD Generato SATURN_CR_20FT.AD\PE00G001.PLT 34
   SUMMFILE Saturn_CR_20ft.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_CR_20ft\Saturn_CR_20ft.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Saturn_CR_20ft.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG02           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG04           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG05           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG06           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG07           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG08           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG09           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG10           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG11           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG12           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG13           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG14           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG15           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG16           0.0417    14.326   756.483 32.6741244228888      0.61
```

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   SRCPARAM EG17           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG18           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG19           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG20           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG21           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG22           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG23           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24           0.0417    14.326   756.483 32.6741244228888      0.61

** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG04           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG05           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG06           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06           12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG06           12.80    12.80    12.80    12.80    12.80    12.80
```

BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG08 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84

XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55

XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50

XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80

YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07

YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74

YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03
YBADJ	EG24	110.37	113.36	112.90	109.01	101.70	92.04

```
   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_CR_20ft.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_CR_20FT.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_CR_20FT.AD\01H1G001.PLT 32
   PLOTFILE PERIOD ALL SATURN_CR_20FT.AD\PE00GALL.PLT 33
   PLOTFILE PERIOD Generato SATURN_CR_20FT.AD\PE00G001.PLT 34
   SUMMFILE Saturn_CR_20ft.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     979       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     979       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:07:13

                                   PAGE   1
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    24 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     24 Source(s);       2 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **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) =    58.00 ;  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 =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.41700E-01	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG02	0	0.41700E-01	397059.0	3767182.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG03	0	0.41700E-01	397065.8	3767183.8	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG04	0	0.41700E-01	397077.3	3767187.1	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG05	0	0.41700E-01	397083.4	3767188.5	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG06	0	0.41700E-01	397095.4	3767191.9	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG07	0	0.41700E-01	397101.1	3767193.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG08	0	0.41700E-01	397112.7	3767197.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG09	0	0.41700E-01	397117.7	3767198.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG10	0	0.41700E-01	397131.0	3767201.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG11	0	0.41700E-01	397137.4	3767203.3	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG12	0	0.41700E-01	397148.4	3767206.6	112.5	14.33	756.48						

```
32.67     0.61    YES     YES   NO
 EG13             0   0.41700E-01  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG14             0   0.41700E-01  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG15             0   0.41700E-01  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG16             0   0.41700E-01  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG17             0   0.41700E-01  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG18             0   0.41700E-01  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG19             0   0.41700E-01  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG20             0   0.41700E-01  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG21             0   0.41700E-01  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG22             0   0.41700E-01  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG23             0   0.41700E-01  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG24             0   0.41700E-01  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
```

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

  GENERATO   EG01   , EG02   , EG03   , EG04   , EG05   , EG06   , EG07   , EG08   ,

             EG09   , EG10   , EG11   , EG12   , EG13   , EG14   , EG15   , EG16   ,

             EG17   , EG18   , EG19   , EG20   , EG21   , EG22   , EG23   , EG24   ,

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  ALL        EG01        , EG02        , EG03        , EG04        , EG05        ,
EG06        , EG07        , EG08        ,

             EG09        , EG10        , EG11        , EG12        , EG13        ,
EG14        , EG15        , EG16        ,

             EG17        , EG18        , EG19        , EG20        , EG21        ,
EG22        , EG23        , EG24        ,
```

```
    3   12.8,  247.8,  251.8,  -77.2, -105.0,      4   12.8,  218.1,  272.0,
-69.4,  -94.4,
    5   12.8,  181.7,  283.9,  -59.5,  -81.0,      6   12.8,  139.9,  287.3,
-47.9,  -65.1,
    7   12.8,   93.7,  281.9,  -34.7,  -47.3,      8   12.8,  103.9,  285.9,
-29.4,  -31.6,
    9   12.8,  148.8,  289.4,  -28.0,  -11.5,     10   12.8,  189.2,  284.0,
-25.7,    9.1,
   11   12.8,  223.9,  270.0,  -22.7,   29.3,     12   12.8,  251.8,  247.8,
-18.9,   48.7,
   13   12.8,  272.0,  218.1,  -14.6,   66.6,     14   12.8,  283.9,  181.7,
-9.9,   82.4,
   15   12.8,  287.3,  139.9,   -4.8,   95.8,     16   12.8,  281.9,   93.7,
0.4,  106.2,
   17   12.8,  285.9,  103.9,  -20.3,  113.5,     18   12.8,  289.4,  148.8,
-62.9,  116.7,
   19   12.8,  284.0,  189.2, -103.7,  116.3,     20   12.8,  270.0,  223.9,
-141.3,  112.3,
   21   12.8,  247.8,  251.8, -174.6,  105.0,     22   12.8,  218.1,  272.0,
-202.6,   94.4,
   23   12.8,  181.7,  283.9, -224.4,   81.0,     24   12.8,  139.9,  287.3,
-239.4,   65.1,
   25   12.8,   93.7,  281.9, -247.2,   47.3,     26   12.8,  103.9,  285.9,
-256.5,   31.6,
   27   12.8,  148.8,  289.4, -261.4,   11.5,     28   12.8,  189.2,  284.0,
-258.3,   -9.1,
   29   12.8,  223.9,  270.0, -247.3,  -29.3,     30   12.8,  251.8,  247.8,
-228.9,  -48.7,
   31   12.8,  272.0,  218.1, -203.5,  -66.6,     32   12.8,  283.9,  181.7,
-171.9,  -82.4,
   33   12.8,  287.3,  139.9, -135.1,  -95.8,     34   12.8,  281.9,   93.7,
-94.1, -106.2,
   35   12.8,  285.9,  103.9,  -83.6, -113.5,     36   12.8,  289.4,  148.8,
-85.9, -116.7,


 SOURCE ID: EG02
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -90.9, -105.3,      2   12.8,  270.0,  223.9,
-89.8, -102.5,
    3   12.8,  247.8,  251.8,  -85.9,  -96.5,      4   12.8,  218.1,  272.0,
-79.5,  -87.6,
    5   12.8,  181.7,  283.9,  -70.6,  -76.0,      6   12.8,  139.9,  287.3,
-59.6,  -62.2,
    7   12.8,   93.7,  281.9,  -46.8,  -46.4,      8   12.8,  103.9,  285.9,
-41.5,  -32.9,
    9   12.8,  148.8,  289.4,  -39.7,  -14.8,     10   12.8,  189.2,  284.0,
-36.6,    3.8,
   11   12.8,  223.9,  270.0,  -32.5,   22.2,     12   12.8,  251.8,  247.8,
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-27.4,   39.9,
   13   12.8,  272.0,  218.1,  -21.4,   56.5,     14   12.8,  283.9,  181.7,
-14.8,   71.3,
   15   12.8,  287.3,  139.9,   -7.8,   84.0,     16   12.8,  281.9,   93.7,
-0.5,   94.1,
   17   12.8,  285.9,  103.9,  -19.0,  101.5,     18   12.8,  289.4,  148.8,
-59.6,  105.0,
   19   12.8,  284.0,  189.2,  -98.4,  105.3,     20   12.8,  270.0,  223.9,
-134.1,  102.5,
   21   12.8,  247.8,  251.8, -165.8,   96.5,     22   12.8,  218.1,  272.0,
-192.5,   87.6,
   23   12.8,  181.7,  283.9, -213.3,   76.0,     24   12.8,  139.9,  287.3,
-227.6,   62.2,
   25   12.8,   93.7,  281.9, -235.0,   46.4,     26   12.8,  103.9,  285.9,
-244.4,   32.9,
   27   12.8,  148.8,  289.4, -249.7,   14.8,     28   12.8,  189.2,  284.0,
-247.4,   -3.8,
   29   12.8,  223.9,  270.0, -237.5,  -22.2,     30   12.8,  251.8,  247.8,
-220.4,  -39.9,
   31   12.8,  272.0,  218.1, -196.7,  -56.5,     32   12.8,  283.9,  181.7,
-166.9,  -71.3,
   33   12.8,  287.3,  139.9, -132.1,  -84.0,     34   12.8,  281.9,   93.7,
-93.3,  -94.1,
   35   12.8,  285.9,  103.9,  -84.8, -101.5,     36   12.8,  289.4,  148.8,
-89.2, -105.0,


 SOURCE ID: EG03
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -93.2,  -98.8,      2   12.8,  270.0,  223.9,
-93.2,  -96.5,
    3   12.8,  247.8,  251.8,  -90.4,  -91.2,      4   12.8,  218.1,  272.0,
-84.8,  -83.2,
    5   12.8,  181.7,  283.9,  -76.6,  -72.6,      6   12.8,  139.9,  287.3,
-66.2,  -59.8,
    7   12.8,   93.7,  281.9,  -53.7,  -45.2,      8   12.8,  103.9,  285.9,
-48.4,  -32.9,
    9   12.8,  148.8,  289.4,  -46.5,  -16.0,     10   12.8,  189.2,  284.0,
-43.2,    1.4,
   11   12.8,  223.9,  270.0,  -38.5,   18.7,     12   12.8,  251.8,  247.8,
-32.7,   35.5,
   13   12.8,  272.0,  218.1,  -25.9,   51.2,     14   12.8,  283.9,  181.7,
-18.3,   65.3,
   15   12.8,  287.3,  139.9,  -10.1,   77.5,     16   12.8,  281.9,   93.7,
-1.7,   87.3,
   17   12.8,  285.9,  103.9,  -19.0,   94.5,     18   12.8,  289.4,  148.8,
-58.4,   98.2,
   19   12.8,  284.0,  189.2,  -96.0,   98.8,     20   12.8,  270.0,  223.9,
-130.7,   96.5,
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   21   12.8,  247.8,  251.8, -161.4,   91.2,     22   12.8,  218.1,  272.0,
-187.2,   83.2,
   23   12.8,  181.7,  283.9, -207.3,   72.6,     24   12.8,  139.9,  287.3,
-221.1,   59.8,
   25   12.8,   93.7,  281.9, -228.2,   45.2,     26   12.8,  103.9,  285.9,
-237.5,   32.9,
   27   12.8,  148.8,  289.4, -242.9,   16.0,     28   12.8,  189.2,  284.0,
-240.8,   -1.4,
   29   12.8,  223.9,  270.0, -231.5,  -18.7,     30   12.8,  251.8,  247.8,
-215.1,  -35.5,
   31   12.8,  272.0,  218.1, -192.2,  -51.2,     32   12.8,  283.9,  181.7,
-163.5,  -65.3,
   33   12.8,  287.3,  139.9, -129.7,  -77.5,     34   12.8,  281.9,   93.7,
-92.1,  -87.3,
   35   12.8,  285.9,  103.9,  -84.8,  -94.5,     36   12.8,  289.4,  148.8,
-90.4,  -98.2,


 SOURCE ID: EG04
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -98.5,  -88.1,      2   12.8,  270.0,  223.9,
-100.3,  -86.9,
    3   12.8,  247.8,  251.8,  -99.0,  -83.0,      4   12.8,  218.1,  272.0,
-94.7,  -76.5,
    5   12.8,  181.7,  283.9,  -87.5,  -67.8,      6   12.8,  139.9,  287.3,
-77.7,  -57.0,
    7   12.8,   93.7,  281.9,  -65.5,  -44.4,      8   12.8,  103.9,  285.9,
-60.3,  -34.2,
    9   12.8,  148.8,  289.4,  -57.9,  -19.3,     10   12.8,  189.2,  284.0,
-53.9,   -3.9,
   11   12.8,  223.9,  270.0,  -48.1,   11.7,     12   12.8,  251.8,  247.8,
-40.9,   26.9,
   13   12.8,  272.0,  218.1,  -32.5,   41.3,     14   12.8,  283.9,  181.7,
-23.1,   54.4,
   15   12.8,  287.3,  139.9,  -13.0,   65.9,     16   12.8,  281.9,   93.7,
-2.4,   75.4,
   17   12.8,  285.9,  103.9,  -17.8,   82.7,     18   12.8,  289.4,  148.8,
-55.1,   86.7,
   19   12.8,  284.0,  189.2,  -90.7,   88.1,     20   12.8,  270.0,  223.9,
-123.6,   86.9,
   21   12.8,  247.8,  251.8, -152.8,   83.0,     22   12.8,  218.1,  272.0,
-177.3,   76.5,
   23   12.8,  181.7,  283.9, -196.4,   67.8,     24   12.8,  139.9,  287.3,
-209.5,   57.0,
   25   12.8,   93.7,  281.9, -216.3,   44.4,     26   12.8,  103.9,  285.9,
-225.7,   34.2,
   27   12.8,  148.8,  289.4, -231.4,   19.3,     28   12.8,  189.2,  284.0,
-230.1,    3.9,
   29   12.8,  223.9,  270.0, -221.9,  -11.7,     30   12.8,  251.8,  247.8,
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-206.9, -26.9,
   31   12.8, 272.0, 218.1, -185.6, -41.3,   32   12.8, 283.9, 181.7,
-158.6, -54.4,
   33   12.8, 287.3, 139.9, -126.9, -65.9,   34   12.8, 281.9,   93.7,
-91.3, -75.4,
   35   12.8, 285.9, 103.9, -86.1, -82.7,   36   12.8, 289.4, 148.8,
-93.7, -86.7,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG05
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -100.9, -82.4,   2   12.8, 270.0, 223.9,
-103.7, -81.6,
    3   12.8, 247.8, 251.8, -103.2, -78.4,   4   12.8, 218.1, 272.0,
-99.7, -72.8,
    5   12.8, 181.7, 283.9, -93.1, -64.9,   6   12.8, 139.9, 287.3,
-83.7, -55.1,
    7   12.8,   93.7, 281.9, -71.8, -43.6,   8   12.8, 103.9, 285.9,
-66.5, -34.5,
    9   12.8, 148.8, 289.4, -64.0, -20.7,   10   12.8, 189.2, 284.0,
-59.6,   -6.3,
   11   12.8, 223.9, 270.0, -53.4,   8.3,   12   12.8, 251.8, 247.8,
-45.5,   22.6,
   13   12.8, 272.0, 218.1, -36.3,   36.3,   14   12.8, 283.9, 181.7,
-25.9,   48.9,
   15   12.8, 287.3, 139.9, -14.8,   59.9,   16   12.8, 281.9,   93.7,
-3.2,   69.2,
   17   12.8, 285.9, 103.9, -17.4,   76.5,   18   12.8, 289.4, 148.8,
-53.7,   80.6,
   19   12.8, 284.0, 189.2, -88.3,   82.4,   20   12.8, 270.0, 223.9,
-120.2,   81.6,
   21   12.8, 247.8, 251.8, -148.5,   78.4,   22   12.8, 218.1, 272.0,
-172.3,   72.8,
   23   12.8, 181.7, 283.9, -190.8,   64.9,   24   12.8, 139.9, 287.3,
-203.6,   55.1,
   25   12.8,   93.7, 281.9, -210.1,   43.6,   26   12.8, 103.9, 285.9,
-219.4,   34.5,
   27   12.8, 148.8, 289.4, -225.3,   20.7,   28   12.8, 189.2, 284.0,

-224.4,   6.3,
   29   12.8, 223.9, 270.0, -216.6,   -8.3,   30   12.8, 251.8, 247.8,
-202.3, -22.6,
   31   12.8, 272.0, 218.1, -181.8, -36.3,   32   12.8, 283.9, 181.7,
-155.8, -48.9,
   33   12.8, 287.3, 139.9, -125.0, -59.9,   34   12.8, 281.9,   93.7,
-90.5, -69.2,
   35   12.8, 285.9, 103.9, -86.4, -76.5,   36   12.8, 289.4, 148.8,
-95.1, -80.6,

 SOURCE ID: EG06
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -106.4, -71.1,   2   12.8, 270.0, 223.9,
-111.0, -71.5,
    3   12.8, 247.8, 251.8, -112.2, -69.7,   4   12.8, 218.1, 272.0,
-110.1, -65.7,
    5   12.8, 181.7, 283.9, -104.5, -59.8,   6   12.8, 139.9, 287.3,
-95.8, -52.0,
    7   12.8,   93.7, 281.9, -84.2, -42.7,   8   12.8, 103.9, 285.9,
-79.0, -35.8,
    9   12.8, 148.8, 289.4, -76.1, -24.1,   10   12.8, 189.2, 284.0,
-70.9, -11.8,
   11   12.8, 223.9, 270.0, -63.5,   1.0,   12   12.8, 251.8, 247.8,
-54.2,   13.7,
   13   12.8, 272.0, 218.1, -43.3,   25.9,   14   12.8, 283.9, 181.7,
-31.1,   37.4,
   15   12.8, 287.3, 139.9, -17.9,   47.8,   16   12.8, 281.9,   93.7,
-4.1,   56.7,
   17   12.8, 285.9, 103.9, -16.2,   64.0,   18   12.8, 289.4, 148.8,
-50.3,   68.6,
   19   12.8, 284.0, 189.2, -82.8,   71.1,   20   12.8, 270.0, 223.9,
-112.9,   71.5,
   21   12.8, 247.8, 251.8, -139.6,   69.7,   22   12.8, 218.1, 272.0,
-161.9,   65.7,
   23   12.8, 181.7, 283.9, -179.4,   59.8,   24   12.8, 139.9, 287.3,
-191.4,   52.0,
   25   12.8,   93.7, 281.9, -197.6,   42.7,   26   12.8, 103.9, 285.9,
-207.0,   35.8,
   27   12.8, 148.8, 289.4, -213.3,   24.1,   28   12.8, 189.2, 284.0,
-213.1,   11.8,
   29   12.8, 223.9, 270.0, -206.5,   -1.0,   30   12.8, 251.8, 247.8,
-193.6, -13.7,
   31   12.8, 272.0, 218.1, -174.8, -25.9,   32   12.8, 283.9, 181.7,
-150.7, -37.4,
   33   12.8, 287.3, 139.9, -122.0, -47.8,   34   12.8, 281.9,   93.7,
-89.6, -56.7,
   35   12.8, 285.9, 103.9, -87.7, -64.0,   36   12.8, 289.4, 148.8,
-98.5, -68.6,

SOURCE ID: EG07

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-109.0,	-65.8,	2	12.8,	270.0,	223.9,	-114.5,	-66.7,
3	12.8,	247.8,	251.8,	-116.5,	-65.6,	4	12.8,	218.1,	272.0,	-115.0,	-62.5,
5	12.8,	181.7,	283.9,	-110.0,	-57.4,	6	12.8,	139.9,	287.3,	-101.6,	-50.7,
7	12.8,	93.7,	281.9,	-90.1,	-42.4,	8	12.8,	103.9,	285.9,	-84.8,	-36.4,
9	12.8,	148.8,	289.4,	-81.8,	-25.8,	10	12.8,	189.2,	284.0,	-76.2,	-14.4,
11	12.8,	223.9,	270.0,	-68.3,	-2.6,	12	12.8,	251.8,	247.8,	-58.3,	9.4,
13	12.8,	272.0,	218.1,	-46.6,	21.0,	14	12.8,	283.9,	181.7,	-33.4,	32.0,
15	12.8,	287.3,	139.9,	-19.3,	42.0,	16	12.8,	281.9,	93.7,	-4.5,	50.8,
17	12.8,	285.9,	103.9,	-15.5,	58.1,	18	12.8,	289.4,	148.8,	-48.6,	62.9,
19	12.8,	284.0,	189.2,	-80.2,	65.8,	20	12.8,	270.0,	223.9,	-109.4,	66.7,
21	12.8,	247.8,	251.8,	-135.3,	65.6,	22	12.8,	218.1,	272.0,	-157.0,	62.5,
23	12.8,	181.7,	283.9,	-174.0,	57.4,	24	12.8,	139.9,	287.3,	-185.7,	50.7,
25	12.8,	93.7,	281.9,	-191.7,	42.4,	26	12.8,	103.9,	285.9,	-201.1,	36.4,
27	12.8,	148.8,	289.4,	-207.6,	25.8,	28	12.8,	189.2,	284.0,	-207.8,	14.4,
29	12.8,	223.9,	270.0,	-201.7,	2.6,	30	12.8,	251.8,	247.8,	-189.5,	-9.4,
31	12.8,	272.0,	218.1,	-171.5,	-21.0,	32	12.8,	283.9,	181.7,	-148.3,	-32.0,
33	12.8,	287.3,	139.9,	-120.6,	-42.0,	34	12.8,	281.9,	93.7,	-89.2,	-50.8,
35	12.8,	285.9,	103.9,	-88.4,	-58.1,	36	12.8,	289.4,	148.8,	-100.2,	-62.9,

SOURCE ID: EG08

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-114.4,	-54.9,	2	12.8,	270.0,	223.9,	-121.7,	-56.9,
3	12.8,	247.8,	251.8,	-125.3,	-57.2,	4	12.8,	218.1,	272.0,	-125.1,	-55.7,

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    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,

↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:07:13

                                   PAGE   7
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG09
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -116.3,  -50.2,      2   12.8,  270.0,  223.9,
-124.4,  -52.6,
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    3   12.8,  247.8,  251.8, -128.7,  -53.4,      4   12.8,  218.1,  272.0,
-129.1,  -52.6,
    5   12.8,  181.7,  283.9, -125.6,  -50.2,      6   12.8,  139.9,  287.3,
-118.2,  -46.2,
    7   12.8,   93.7,  281.9, -107.3,  -40.9,      8   12.8,  103.9,  285.9,
-102.0,  -38.0,
    9   12.8,  148.8,  289.4,  -98.4,  -30.3,     10   12.8,  189.2,  284.0,
-91.8,  -21.7,
   11   12.8,  223.9,  270.0,  -82.4,  -12.4,     12   12.8,  251.8,  247.8,
-70.5,   -2.8,
   13   12.8,  272.0,  218.1,  -56.4,    6.9,     14   12.8,  283.9,  181.7,
-40.7,   16.4,
   15   12.8,  287.3,  139.9,  -23.7,   25.4,     16   12.8,  281.9,   93.7,
-6.0,   33.7,
   17   12.8,  285.9,  103.9,  -14.0,   41.0,     18   12.8,  289.4,  148.8,
-44.1,   46.3,
   19   12.8,  284.0,  189.2,  -72.9,   50.2,     20   12.8,  270.0,  223.9,
-99.5,   52.6,
   21   12.8,  247.8,  251.8, -123.1,   53.4,     22   12.8,  218.1,  272.0,
-142.9,   52.6,
   23   12.8,  181.7,  283.9, -158.4,   50.2,     24   12.8,  139.9,  287.3,
-169.1,   46.2,
   25   12.8,   93.7,  281.9, -174.6,   40.9,     26   12.8,  103.9,  285.9,
-184.0,   38.0,
   27   12.8,  148.8,  289.4, -191.0,   30.3,     28   12.8,  189.2,  284.0,
-192.2,   21.7,
   29   12.8,  223.9,  270.0, -187.6,   12.4,     30   12.8,  251.8,  247.8,
-177.3,    2.8,
   31   12.8,  272.0,  218.1, -161.7,   -6.9,     32   12.8,  283.9,  181.7,
-141.1,  -16.4,
   33   12.8,  287.3,  139.9, -116.2,  -25.4,     34   12.8,  281.9,   93.7,
-87.8,  -33.7,
   35   12.8,  285.9,  103.9,  -89.9,  -41.0,     36   12.8,  289.4,  148.8,
-104.7,  -46.3,


 SOURCE ID: EG10
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -121.6,  -37.6,      2   12.8,  270.0,  223.9,
-131.8,  -41.2,
    3   12.8,  247.8,  251.8, -138.0,  -43.4,      4   12.8,  218.1,  272.0,
-140.0,  -44.3,
    5   12.8,  181.7,  283.9, -137.7,  -43.9,      6   12.8,  139.9,  287.3,
-131.2,  -42.2,
    7   12.8,   93.7,  281.9, -120.8,  -39.2,      8   12.8,  103.9,  285.9,
-115.6,  -38.6,
    9   12.8,  148.8,  289.4, -111.7,  -33.3,     10   12.8,  189.2,  284.0,
-104.3,  -27.0,
   11   12.8,  223.9,  270.0,  -93.8,  -19.8,     12   12.8,  251.8,  247.8,
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-80.5, -12.1,
   13   12.8, 272.0, 218.1, -64.7,   -3.9,   14   12.8, 283.9, 181.7,
-46.9,   4.3,
   15   12.8, 287.3, 139.9, -27.7,   12.4,   16   12.8, 281.9,   93.7,
-7.7,   20.1,
   17   12.8, 285.9, 103.9, -13.3,   27.4,   18   12.8, 289.4, 148.8,
-41.1,   33.0,
   19   12.8, 284.0, 189.2, -67.6,   37.6,   20   12.8, 270.0, 223.9,
-92.1,   41.2,
   21   12.8, 247.8, 251.8, -113.8,   43.4,   22   12.8, 218.1, 272.0,
-132.0,   44.3,
   23   12.8, 181.7, 283.9, -146.3,   43.9,   24   12.8, 139.9, 287.3,
-156.0,   42.2,
   25   12.8,   93.7, 281.9, -161.1,   39.2,   26   12.8, 103.9, 285.9,
-170.3,   38.6,
   27   12.8, 148.8, 289.4, -177.7,   33.3,   28   12.8, 189.2, 284.0,
-179.7,   27.0,
   29   12.8, 223.9, 270.0, -176.2,   19.8,   30   12.8, 251.8, 247.8,
-167.3,   12.1,
   31   12.8, 272.0, 218.1, -153.4,   3.9,   32   12.8, 283.9, 181.7,
-134.8,   -4.3,
   33   12.8, 287.3, 139.9, -112.1, -12.4,   34   12.8, 281.9,   93.7,
-86.0, -20.1,
   35   12.8, 285.9, 103.9, -90.5, -27.4,   36   12.8, 289.4, 148.8,
-107.7, -33.0,

 SOURCE ID: EG11
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -124.9, -31.7,   2   12.8, 270.0, 223.9,
-136.1, -35.9,
    3   12.8, 247.8, 251.8, -143.1, -39.0,   4   12.8, 218.1, 272.0,
-145.8, -40.9,
    5   12.8, 181.7, 283.9, -144.1, -41.5,   6   12.8, 139.9, 287.3,
-137.9, -40.9,
    7   12.8,   93.7, 281.9, -127.6, -39.1,   8   12.8, 103.9, 285.9,
-122.3, -39.7,
    9   12.8, 148.8, 289.4, -118.1, -35.5,   10   12.8, 189.2, 284.0,
-110.3, -30.3,
   11   12.8, 223.9, 270.0, -99.1, -24.1,   12   12.8, 251.8, 247.8,
-84.9, -17.2,
   13   12.8, 272.0, 218.1, -68.2,   -9.8,   14   12.8, 283.9, 181.7,
-49.3,   -2.1,
   15   12.8, 287.3, 139.9, -29.0,   5.7,   16   12.8, 281.9,   93.7,
-7.8,   13.3,
   17   12.8, 285.9, 103.9, -12.2,   20.6,   18   12.8, 289.4, 148.8,
-38.9,   26.6,
   19   12.8, 284.0, 189.2, -64.3,   31.7,   20   12.8, 270.0, 223.9,
-87.8,   35.9,

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   21   12.8,  247.8,  251.8, -108.7,   39.0,     22   12.8,  218.1,  272.0,
-126.2,   40.9,
   23   12.8,  181.7,  283.9, -139.9,   41.5,     24   12.8,  139.9,  287.3,
-149.3,   40.9,
   25   12.8,   93.7,  281.9, -154.2,   39.1,     26   12.8,  103.9,  285.9,
-163.6,   39.7,
   27   12.8,  148.8,  289.4, -171.3,   35.5,     28   12.8,  189.2,  284.0,
-173.7,   30.3,
   29   12.8,  223.9,  270.0, -170.9,   24.1,     30   12.8,  251.8,  247.8,
-162.9,   17.2,
   31   12.8,  272.0,  218.1, -149.9,    9.8,     32   12.8,  283.9,  181.7,
-132.4,    2.1,
   33   12.8,  287.3,  139.9, -110.8,   -5.7,     34   12.8,  281.9,   93.7,
-85.9,  -13.3,
   35   12.8,  285.9,  103.9,  -91.6,  -20.6,     36   12.8,  289.4,  148.8,
-110.0,  -26.6,


 SOURCE ID: EG12
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -130.1,  -21.4,      2   12.8,  270.0,  223.9,
-143.0,  -26.7,
    3   12.8,  247.8,  251.8, -151.5,  -31.1,      4   12.8,  218.1,  272.0,
-155.4,  -34.6,
    5   12.8,  181.7,  283.9, -154.6,  -37.0,      6   12.8,  139.9,  287.3,
-149.1,  -38.3,
    7   12.8,   93.7,  281.9, -139.1,  -38.4,      8   12.8,  103.9,  285.9,
-133.8,  -41.1,
    9   12.8,  148.8,  289.4, -129.1,  -38.9,     10   12.8,  189.2,  284.0,
-120.6,  -35.5,
   11   12.8,  223.9,  270.0, -108.3,  -31.0,     12   12.8,  251.8,  247.8,
-92.8,  -25.6,
   13   12.8,  272.0,  218.1,  -74.5,  -19.4,     14   12.8,  283.9,  181.7,
-53.9,  -12.7,
   15   12.8,  287.3,  139.9,  -31.6,   -5.5,     16   12.8,  281.9,   93.7,
-8.4,    1.8,
   17   12.8,  285.9,  103.9,  -10.9,    9.2,     18   12.8,  289.4,  148.8,
-35.5,   15.6,
   19   12.8,  284.0,  189.2,  -59.1,   21.4,     20   12.8,  270.0,  223.9,
-80.9,   26.7,
   21   12.8,  247.8,  251.8, -100.3,   31.1,     22   12.8,  218.1,  272.0,
-116.6,   34.6,
   23   12.8,  181.7,  283.9, -129.3,   37.0,     24   12.8,  139.9,  287.3,
-138.1,   38.3,
   25   12.8,   93.7,  281.9, -142.8,   38.4,     26   12.8,  103.9,  285.9,
-152.2,   41.1,
   27   12.8,  148.8,  289.4, -160.2,   38.9,     28   12.8,  189.2,  284.0,
-163.4,   35.5,
   29   12.8,  223.9,  270.0, -161.7,   31.0,     30   12.8,  251.8,  247.8,
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-155.0,   25.6,
   31   12.8, 272.0, 218.1, -143.6,   19.4,   32   12.8, 283.9, 181.7,
-127.8,   12.7,
   33   12.8, 287.3, 139.9, -108.2,   5.5,   34   12.8, 281.9,   93.7,
-85.3,   -1.8,
   35   12.8, 285.9, 103.9, -93.0,   -9.2,   36   12.8, 289.4, 148.8,
-113.3, -15.6,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG13
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -132.6, -15.5,   2   12.8, 270.0, 223.9,
-146.5, -21.2,
    3   12.8, 247.8, 251.8, -155.9, -26.4,   4   12.8, 218.1, 272.0,
-160.6, -30.7,
    5   12.8, 181.7, 283.9, -160.4, -34.0,   6   12.8, 139.9, 287.3,
-155.3, -36.4,
    7   12.8,   93.7, 281.9, -145.5, -37.6,   8   12.8, 103.9, 285.9,
-140.2, -41.4,
    9   12.8, 148.8, 289.4, -135.4, -40.3,   10   12.8, 189.2, 284.0,
-126.5, -38.0,
   11   12.8, 223.9, 270.0, -113.8, -34.5,   12   12.8, 251.8, 247.8,
-97.5, -30.0,
   13   12.8, 272.0, 218.1, -78.4, -24.6,   14   12.8, 283.9, 181.7,
-56.8, -18.4,
   15   12.8, 287.3, 139.9, -33.5, -11.7,   16   12.8, 281.9,   93.7,
-9.2,   -4.6,
   17   12.8, 285.9, 103.9, -10.6,   2.8,   18   12.8, 289.4, 148.8,
-34.1,   9.3,
   19   12.8, 284.0, 189.2, -56.6,   15.5,   20   12.8, 270.0, 223.9,
-77.4,   21.2,
   21   12.8, 247.8, 251.8, -95.9,   26.4,   22   12.8, 218.1, 272.0,
-111.4,   30.7,
   23   12.8, 181.7, 283.9, -123.6,   34.0,   24   12.8, 139.9, 287.3,
-132.0,   36.4,
   25   12.8,   93.7, 281.9, -136.4,   37.6,   26   12.8, 103.9, 285.9,
-145.7,   41.4,
   27   12.8, 148.8, 289.4, -154.0,   40.3,   28   12.8, 189.2, 284.0,

-157.5,   38.0,
   29   12.8, 223.9, 270.0, -156.2,   34.5,   30   12.8, 251.8, 247.8,
-150.3,   30.0,
   31   12.8, 272.0, 218.1, -139.7,   24.6,   32   12.8, 283.9, 181.7,
-124.9,   18.4,
   33   12.8, 287.3, 139.9, -106.3,   11.7,   34   12.8, 281.9,   93.7,
-84.5,   4.6,
   35   12.8, 285.9, 103.9, -93.3,   -2.8,   36   12.8, 289.4, 148.8,
-114.7,   -9.3,

 SOURCE ID: EG14
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -137.7,   -4.3,   2   12.8, 270.0, 223.9,
-153.4, -11.1,
    3   12.8, 247.8, 251.8, -164.5, -17.6,   4   12.8, 218.1, 272.0,
-170.6, -23.5,
    5   12.8, 181.7, 283.9, -171.5, -28.8,   6   12.8, 139.9, 287.3,
-167.1, -33.1,
    7   12.8,   93.7, 281.9, -157.7, -36.4,   8   12.8, 103.9, 285.9,
-152.5, -42.3,
    9   12.8, 148.8, 289.4, -147.3, -43.4,   10   12.8, 189.2, 284.0,
-137.7, -43.1,
   11   12.8, 223.9, 270.0, -123.9, -41.5,   12   12.8, 251.8, 247.8,
-106.3, -38.6,
   13   12.8, 272.0, 218.1, -85.5, -34.6,   14   12.8, 283.9, 181.7,
-62.1, -29.5,
   15   12.8, 287.3, 139.9, -36.8, -23.5,   16   12.8, 281.9,   93.7,
-10.4, -16.8,
   17   12.8, 285.9, 103.9,   -9.6,   -9.5,   18   12.8, 289.4, 148.8,
-31.0,   -2.6,
   19   12.8, 284.0, 189.2, -51.5,   4.3,   20   12.8, 270.0, 223.9,
-70.5,   11.1,
   21   12.8, 247.8, 251.8, -87.3,   17.6,   22   12.8, 218.1, 272.0,
-101.4,   23.5,
   23   12.8, 181.7, 283.9, -112.5,   28.8,   24   12.8, 139.9, 287.3,
-120.1,   33.1,
   25   12.8,   93.7, 281.9, -124.1,   36.4,   26   12.8, 103.9, 285.9,
-133.5,   42.3,
   27   12.8, 148.8, 289.4, -142.1,   43.4,   28   12.8, 189.2, 284.0,
-146.3,   43.1,
   29   12.8, 223.9, 270.0, -146.1,   41.5,   30   12.8, 251.8, 247.8,
-141.5,   38.6,
   31   12.8, 272.0, 218.1, -132.6,   34.6,   32   12.8, 283.9, 181.7,
-119.6,   29.5,
   33   12.8, 287.3, 139.9, -103.0,   23.5,   34   12.8, 281.9,   93.7,
-83.3,   16.8,
   35   12.8, 285.9, 103.9, -94.3,   9.5,   36   12.8, 289.4, 148.8,
-117.8,   2.6,

SOURCE ID: EG15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-140.3,	1.4,	2	12.8,	270.0,	223.9,	-157.0,	-5.9,
3	12.8,	247.8,	251.8,	-168.9,	-13.1,	4	12.8,	218.1,	272.0,	-175.7,	-19.9,
5	12.8,	181.7,	283.9,	-177.1,	-26.0,	6	12.8,	139.9,	287.3,	-173.2,	-31.4,
7	12.8,	93.7,	281.9,	-164.0,	-35.8,	8	12.8,	103.9,	285.9,	-158.7,	-42.8,
9	12.8,	148.8,	289.4,	-153.4,	-44.9,	10	12.8,	189.2,	284.0,	-143.4,	-45.6,
11	12.8,	223.9,	270.0,	-129.1,	-45.0,	12	12.8,	251.8,	247.8,	-110.8,	-43.0,
13	12.8,	272.0,	218.1,	-89.2,	-39.7,	14	12.8,	283.9,	181.7,	-64.8,	-35.1,
15	12.8,	287.3,	139.9,	-38.5,	-29.5,	16	12.8,	281.9,	93.7,	-11.1,	-23.1,
17	12.8,	285.9,	103.9,	-9.1,	-15.7,	18	12.8,	289.4,	148.8,	-29.5,	-8.7,
19	12.8,	284.0,	189.2,	-49.0,	-1.4,	20	12.8,	270.0,	223.9,	-67.0,	5.9,
21	12.8,	247.8,	251.8,	-82.9,	13.1,	22	12.8,	218.1,	272.0,	-96.3,	19.9,
23	12.8,	181.7,	283.9,	-106.8,	26.0,	24	12.8,	139.9,	287.3,	-114.1,	31.4,
25	12.8,	93.7,	281.9,	-117.9,	35.8,	26	12.8,	103.9,	285.9,	-127.2,	42.8,
27	12.8,	148.8,	289.4,	-136.0,	44.9,	28	12.8,	189.2,	284.0,	-140.6,	45.6,
29	12.8,	223.9,	270.0,	-140.9,	45.0,	30	12.8,	251.8,	247.8,	-137.0,	43.0,
31	12.8,	272.0,	218.1,	-128.9,	39.7,	32	12.8,	283.9,	181.7,	-116.9,	35.1,
33	12.8,	287.3,	139.9,	-101.3,	29.5,	34	12.8,	281.9,	93.7,	-82.7,	23.1,
35	12.8,	285.9,	103.9,	-94.8,	15.7,	36	12.8,	289.4,	148.8,	-119.3,	8.7,

SOURCE ID: EG16

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-145.7,	12.1,	2	12.8,	270.0,	223.9,	-164.1,	3.6,
3	12.8,	247.8,	251.8,	-177.6,	-4.9,	4	12.8,	218.1,	272.0,	-185.7,	-13.4,

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    5   12.8,  181.7,  283.9, -188.1,  -21.4,      6   12.8,  139.9,  287.3,
-184.8,  -28.7,
    7   12.8,   93.7,  281.9, -175.9,  -35.2,      8   12.8,  103.9,  285.9,
-170.6,  -44.2,
    9   12.8,  148.8,  289.4, -164.8,  -48.4,     10   12.8,  189.2,  284.0,
-154.1,  -51.1,
   11   12.8,  223.9,  270.0, -138.6,  -52.2,     12   12.8,  251.8,  247.8,
-119.0,  -51.7,
   13   12.8,  272.0,  218.1,  -95.7,  -49.7,     14   12.8,  283.9,  181.7,
-69.5,  -46.1,
   15   12.8,  287.3,  139.9,  -41.2,  -41.2,     16   12.8,  281.9,   93.7,
-11.7,  -35.0,
   17   12.8,  285.9,  103.9,   -7.7,  -27.6,     18   12.8,  289.4,  148.8,
-26.0,  -20.1,
   19   12.8,  284.0,  189.2,  -43.5,  -12.1,     20   12.8,  270.0,  223.9,
-59.8,   -3.6,
   21   12.8,  247.8,  251.8,  -74.2,    4.9,     22   12.8,  218.1,  272.0,
-86.3,   13.4,
   23   12.8,  181.7,  283.9,  -95.8,   21.4,     24   12.8,  139.9,  287.3,
-102.5,   28.7,
   25   12.8,   93.7,  281.9, -106.0,   35.2,     26   12.8,  103.9,  285.9,
-115.4,   44.2,
   27   12.8,  148.8,  289.4, -124.5,   48.4,     28   12.8,  189.2,  284.0,
-130.0,   51.1,
   29   12.8,  223.9,  270.0, -131.4,   52.2,     30   12.8,  251.8,  247.8,
-128.9,   51.7,
   31   12.8,  272.0,  218.1, -122.4,   49.7,     32   12.8,  283.9,  181.7,
-112.2,   46.1,
   33   12.8,  287.3,  139.9,  -98.6,   41.2,     34   12.8,  281.9,   93.7,
-82.0,   35.0,
   35   12.8,  285.9,  103.9,  -96.2,   27.6,     36   12.8,  289.4,  148.8,
-122.8,   20.1,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:07:13

                                   PAGE   9
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG17
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -147.9,   18.4,      2   12.8,  270.0,  223.9,
-167.4,    9.5,
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    3   12.8,  247.8,  251.8, -181.9,    0.2,      4   12.8,  218.1,  272.0,
-190.8,   -9.0,
    5   12.8,  181.7,  283.9, -193.9,  -17.9,      6   12.8,  139.9,  287.3,
-191.1,  -26.3,
    7   12.8,   93.7,  281.9, -182.5,  -33.9,      8   12.8,  103.9,  285.9,
-177.3,  -44.2,
    9   12.8,  148.8,  289.4, -171.4,  -49.5,     10   12.8,  189.2,  284.0,
-160.4,  -53.3,
   11   12.8,  223.9,  270.0, -144.5,  -55.5,     12   12.8,  251.8,  247.8,
-124.1,  -56.0,
   13   12.8,  272.0,  218.1, -100.1,  -54.8,     14   12.8,  283.9,  181.7,
-72.9,  -51.9,
   15   12.8,  287.3,  139.9,  -43.6,  -47.4,     16   12.8,  281.9,   93.7,
-12.9,  -41.6,
   17   12.8,  285.9,  103.9,   -7.8,  -34.3,     18   12.8,  289.4,  148.8,
-24.9,  -26.7,
   19   12.8,  284.0,  189.2,  -41.3,  -18.4,     20   12.8,  270.0,  223.9,
-56.5,   -9.5,
   21   12.8,  247.8,  251.8,  -69.9,   -0.2,     22   12.8,  218.1,  272.0,
-81.2,    9.0,
   23   12.8,  181.7,  283.9,  -90.1,   17.9,     24   12.8,  139.9,  287.3,
-96.2,   26.3,
   25   12.8,   93.7,  281.9,  -99.4,   33.9,     26   12.8,  103.9,  285.9,
-108.7,   44.2,
   27   12.8,  148.8,  289.4, -117.9,   49.5,     28   12.8,  189.2,  284.0,
-123.6,   53.3,
   29   12.8,  223.9,  270.0, -125.5,   55.5,     30   12.8,  251.8,  247.8,
-123.7,   56.0,
   31   12.8,  272.0,  218.1, -118.0,   54.8,     32   12.8,  283.9,  181.7,
-108.8,   51.9,
   33   12.8,  287.3,  139.9,  -96.3,   47.4,     34   12.8,  281.9,   93.7,
-80.8,   41.6,
   35   12.8,  285.9,  103.9,  -96.1,   34.3,     36   12.8,  289.4,  148.8,
-123.9,   26.7,


 SOURCE ID: EG18
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -153.6,   29.0,      2   12.8,  270.0,  223.9,
-174.8,   18.9,
    3   12.8,  247.8,  251.8, -190.8,    8.3,      4   12.8,  218.1,  272.0,
-201.0,   -2.6,
    5   12.8,  181.7,  283.9, -205.0,  -13.4,      6   12.8,  139.9,  287.3,
-202.9,  -23.9,
    7   12.8,   93.7,  281.9, -194.5,  -33.5,      8   12.8,  103.9,  285.9,
-189.2,  -45.9,
    9   12.8,  148.8,  289.4, -182.9,  -53.2,     10   12.8,  189.2,  284.0,
-171.0,  -58.9,
   11   12.8,  223.9,  270.0, -153.9,  -62.9,     12   12.8,  251.8,  247.8,
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-132.2,  -64.9,
   13   12.8,  272.0,  218.1, -106.4,  -65.0,     14   12.8,  283.9,  181.7,
-77.4,  -63.0,
   15   12.8,  287.3,  139.9,  -46.1,  -59.2,     16   12.8,  281.9,   93.7,
-13.3,  -53.6,
   17   12.8,  285.9,  103.9,   -6.1,  -46.2,     18   12.8,  289.4,  148.8,
-21.2,  -38.2,
   19   12.8,  284.0,  189.2,  -35.7,  -29.0,     20   12.8,  270.0,  223.9,
-49.1,  -18.9,
   21   12.8,  247.8,  251.8,  -61.0,   -8.3,     22   12.8,  218.1,  272.0,
-71.0,    2.6,
   23   12.8,  181.7,  283.9,  -78.9,   13.4,     24   12.8,  139.9,  287.3,
-84.4,   23.9,
   25   12.8,   93.7,  281.9,  -87.4,   33.5,     26   12.8,  103.9,  285.9,
-96.8,   45.9,
   27   12.8,  148.8,  289.4, -106.5,   53.2,     28   12.8,  189.2,  284.0,
-113.0,   58.9,
   29   12.8,  223.9,  270.0, -116.1,   62.9,     30   12.8,  251.8,  247.8,
-115.6,   64.9,
   31   12.8,  272.0,  218.1, -111.7,   65.0,     32   12.8,  283.9,  181.7,
-104.3,   63.0,
   33   12.8,  287.3,  139.9,  -93.8,   59.2,     34   12.8,  281.9,   93.7,
-80.4,   53.6,
   35   12.8,  285.9,  103.9,  -97.8,   46.2,     36   12.8,  289.4,  148.8,
-127.6,   38.2,


 SOURCE ID: EG19
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -156.2,   34.8,      2   12.8,  270.0,  223.9,
-178.4,   24.1,
    3   12.8,  247.8,  251.8, -195.2,   12.8,      4   12.8,  218.1,  272.0,
-206.1,    1.1,
    5   12.8,  181.7,  283.9, -210.7,  -10.7,      6   12.8,  139.9,  287.3,
-208.9,  -22.1,
    7   12.8,   93.7,  281.9, -200.8,  -32.9,      8   12.8,  103.9,  285.9,
-195.5,  -46.3,
    9   12.8,  148.8,  289.4, -189.0,  -54.8,     10   12.8,  189.2,  284.0,
-176.8,  -61.5,
   11   12.8,  223.9,  270.0, -159.2,  -66.5,     12   12.8,  251.8,  247.8,
-136.7,  -69.3,
   13   12.8,  272.0,  218.1, -110.1,  -70.1,     14   12.8,  283.9,  181.7,
-80.2,  -68.8,
   15   12.8,  287.3,  139.9,  -47.8,  -65.3,     16   12.8,  281.9,   93.7,
-14.0,  -59.9,
   17   12.8,  285.9,  103.9,   -5.6,  -52.5,     18   12.8,  289.4,  148.8,
-19.6,  -44.3,
   19   12.8,  284.0,  189.2,  -33.1,  -34.8,     20   12.8,  270.0,  223.9,
-45.5,  -24.1,
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   21   12.8,  247.8,  251.8,  -56.6,  -12.8,     22   12.8,  218.1,  272.0,
-65.9,   -1.1,
   23   12.8,  181.7,  283.9,  -73.2,   10.7,     24   12.8,  139.9,  287.3,
-78.3,   22.1,
   25   12.8,   93.7,  281.9,  -81.1,   32.9,     26   12.8,  103.9,  285.9,
-90.5,   46.3,
   27   12.8,  148.8,  289.4, -100.4,   54.8,     28   12.8,  189.2,  284.0,
-107.2,   61.5,
   29   12.8,  223.9,  270.0, -110.9,   66.5,     30   12.8,  251.8,  247.8,
-111.1,   69.3,
   31   12.8,  272.0,  218.1, -108.0,   70.1,     32   12.8,  283.9,  181.7,
-101.6,   68.8,
   33   12.8,  287.3,  139.9,  -92.1,   65.3,     34   12.8,  281.9,   93.7,
-79.8,   59.9,
   35   12.8,  285.9,  103.9,  -98.3,   52.5,     36   12.8,  289.4,  148.8,
-129.2,   44.3,


 SOURCE ID: EG20
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -161.3,   45.8,      2   12.8,  270.0,  223.9,
-185.4,   34.1,
    3   12.8,  247.8,  251.8, -203.8,   21.4,      4   12.8,  218.1,  272.0,
-216.1,    8.1,
    5   12.8,  181.7,  283.9, -221.8,   -5.5,      6   12.8,  139.9,  287.3,
-220.7,  -19.0,
    7   12.8,   93.7,  281.9, -213.0,  -31.8,      8   12.8,  103.9,  285.9,
-207.6,  -47.4,
    9   12.8,  148.8,  289.4, -200.8,  -57.9,     10   12.8,  189.2,  284.0,
-187.8,  -66.7,
   11   12.8,  223.9,  270.0, -169.2,  -73.4,     12   12.8,  251.8,  247.8,
-145.3,  -77.9,
   13   12.8,  272.0,  218.1, -117.1,  -80.1,     14   12.8,  283.9,  181.7,
-85.3,  -79.8,
   15   12.8,  287.3,  139.9,  -51.0,  -77.1,     16   12.8,  281.9,   93.7,
-15.1,  -72.0,
   17   12.8,  285.9,  103.9,   -4.6,  -64.7,     18   12.8,  289.4,  148.8,
-16.5,  -56.1,
   19   12.8,  284.0,  189.2,  -27.9,  -45.8,     20   12.8,  270.0,  223.9,
-38.5,  -34.1,
   21   12.8,  247.8,  251.8,  -48.0,  -21.4,     22   12.8,  218.1,  272.0,
-55.9,   -8.1,
   23   12.8,  181.7,  283.9,  -62.2,    5.5,     24   12.8,  139.9,  287.3,
-66.6,   19.0,
   25   12.8,   93.7,  281.9,  -68.9,   31.8,     26   12.8,  103.9,  285.9,
-78.3,   47.4,
   27   12.8,  148.8,  289.4,  -88.6,   57.9,     28   12.8,  189.2,  284.0,
-96.2,   66.7,
   29   12.8,  223.9,  270.0, -100.9,   73.4,     30   12.8,  251.8,  247.8,
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-102.5,   77.9,
   31   12.8, 272.0, 218.1, -101.0,   80.1,   32   12.8, 283.9, 181.7,
-96.4,   79.8,
   33   12.8, 287.3, 139.9, -88.9,   77.1,   34   12.8, 281.9,   93.7,
-78.7,   72.0,
   35   12.8, 285.9, 103.9, -99.3,   64.7,   36   12.8, 289.4, 148.8,
-132.3,   56.1,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG21
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -164.0,   51.3,   2   12.8, 270.0, 223.9,
-189.0,   39.1,
    3   12.8, 247.8, 251.8, -208.2,   25.7,   4   12.8, 218.1, 272.0,
-221.2,   11.5,
    5   12.8, 181.7, 283.9, -227.4,   -3.0,   6   12.8, 139.9, 287.3,
-226.7, -17.5,
    7   12.8,   93.7, 281.9, -219.1, -31.4,   8   12.8, 103.9, 285.9,
-213.7, -48.0,
    9   12.8, 148.8, 289.4, -206.7, -59.6,   10   12.8, 189.2, 284.0,
-193.3, -69.3,
   11   12.8, 223.9, 270.0, -174.1, -77.0,   12   12.8, 251.8, 247.8,
-149.6, -82.3,
   13   12.8, 272.0, 218.1, -120.6, -85.1,   14   12.8, 283.9, 181.7,
-87.8, -85.4,
   15   12.8, 287.3, 139.9, -52.5, -83.0,   16   12.8, 281.9,   93.7,
-15.5, -78.1,
   17   12.8, 285.9, 103.9,   -3.9, -70.8,   18   12.8, 289.4, 148.8,
-14.8, -62.0,
   19   12.8, 284.0, 189.2, -25.3, -51.3,   20   12.8, 270.0, 223.9,
-34.9, -39.1,
   21   12.8, 247.8, 251.8, -43.5, -25.7,   22   12.8, 218.1, 272.0,
-50.8, -11.5,
   23   12.8, 181.7, 283.9, -56.6,   3.0,   24   12.8, 139.9, 287.3,
-60.6,   17.5,
   25   12.8,   93.7, 281.9, -62.8,   31.4,   26   12.8, 103.9, 285.9,
-72.2,   48.0,
   27   12.8, 148.8, 289.4, -82.7,   59.6,   28   12.8, 189.2, 284.0,

-90.7,   69.3,
   29   12.8, 223.9, 270.0, -95.9,   77.0,   30   12.8, 251.8, 247.8,
-98.2,   82.3,
   31   12.8, 272.0, 218.1, -97.5,   85.1,   32   12.8, 283.9, 181.7,
-93.9,   85.4,
   33   12.8, 287.3, 139.9, -87.4,   83.0,   34   12.8, 281.9,   93.7,
-78.2,   78.1,
   35   12.8, 285.9, 103.9, -99.9,   70.8,   36   12.8, 289.4, 148.8,
-134.0,   62.0,

 SOURCE ID: EG22
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -168.6,   62.3,   2   12.8, 270.0, 223.9,
-195.4,   49.2,
    3   12.8, 247.8, 251.8, -216.3,   34.5,   4   12.8, 218.1, 272.0,
-230.7,   18.8,
    5   12.8, 181.7, 283.9, -238.0,   2.4,   6   12.8, 139.9, 287.3,
-238.1, -13.9,
    7   12.8,   93.7, 281.9, -230.9, -29.9,   8   12.8, 103.9, 285.9,
-225.7, -48.6,
    9   12.8, 148.8, 289.4, -218.3, -62.2,   10   12.8, 189.2, 284.0,
-204.4, -74.0,
   11   12.8, 223.9, 270.0, -184.2, -83.5,   12   12.8, 251.8, 247.8,
-158.4, -90.5,
   13   12.8, 272.0, 218.1, -127.8, -94.7,   14   12.8, 283.9, 181.7,
-93.3, -96.0,
   15   12.8, 287.3, 139.9, -56.0, -94.4,   16   12.8, 281.9,   93.7,
-17.0, -90.0,
   17   12.8, 285.9, 103.9,   -3.3, -82.7,   18   12.8, 289.4, 148.8,
-12.2, -73.6,
   19   12.8, 284.0, 189.2, -20.6, -62.3,   20   12.8, 270.0, 223.9,
-28.5, -49.2,
   21   12.8, 247.8, 251.8, -35.4, -34.5,   22   12.8, 218.1, 272.0,
-41.3, -18.8,
   23   12.8, 181.7, 283.9, -46.0,   -2.4,   24   12.8, 139.9, 287.3,
-49.2,   13.9,
   25   12.8,   93.7, 281.9, -50.9,   29.9,   26   12.8, 103.9, 285.9,
-60.3,   48.6,
   27   12.8, 148.8, 289.4, -71.0,   62.2,   28   12.8, 189.2, 284.0,
-79.6,   74.0,
   29   12.8, 223.9, 270.0, -85.8,   83.5,   30   12.8, 251.8, 247.8,
-89.4,   90.5,
   31   12.8, 272.0, 218.1, -90.3,   94.7,   32   12.8, 283.9, 181.7,
-88.4,   96.0,
   33   12.8, 287.3, 139.9, -83.8,   94.4,   34   12.8, 281.9,   93.7,
-76.7,   90.0,
   35   12.8, 285.9, 103.9, -100.5,   82.7,   36   12.8, 289.4, 148.8,
-136.6,   73.6,

SOURCE ID: EG23

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-171.8,	68.3,	2	12.8,	270.0,	223.9,	-199.7,	54.4,
3	12.8,	247.8,	251.8,	-221.4,	38.9,	4	12.8,	218.1,	272.0,	-236.4,	22.2,
5	12.8,	181.7,	283.9,	-244.3,	4.9,	6	12.8,	139.9,	287.3,	-244.7,	-12.6,
7	12.8,	93.7,	281.9,	-237.7,	-29.7,	8	12.8,	103.9,	285.9,	-232.3,	-49.6,
9	12.8,	148.8,	289.4,	-224.7,	-64.4,	10	12.8,	189.2,	284.0,	-210.3,	-77.2,
11	12.8,	223.9,	270.0,	-189.4,	-87.7,	12	12.8,	251.8,	247.8,	-162.8,	-95.5,
13	12.8,	272.0,	218.1,	-131.3,	-100.4,	14	12.8,	283.9,	181.7,	-95.8,	-102.3,
15	12.8,	287.3,	139.9,	-57.3,	-101.0,	16	12.8,	281.9,	93.7,	-17.1,	-96.7,
17	12.8,	285.9,	103.9,	-2.3,	-89.4,	18	12.8,	289.4,	148.8,	-10.0,	-80.0,
19	12.8,	284.0,	189.2,	-17.4,	-68.3,	20	12.8,	270.0,	223.9,	-24.2,	-54.4,
21	12.8,	247.8,	251.8,	-30.4,	-38.9,	22	12.8,	218.1,	272.0,	-35.6,	-22.2,
23	12.8,	181.7,	283.9,	-39.7,	-4.9,	24	12.8,	139.9,	287.3,	-42.6,	12.6,
25	12.8,	93.7,	281.9,	-44.2,	29.7,	26	12.8,	103.9,	285.9,	-53.6,	49.6,
27	12.8,	148.8,	289.4,	-64.7,	64.4,	28	12.8,	189.2,	284.0,	-73.7,	77.2,
29	12.8,	223.9,	270.0,	-80.6,	87.7,	30	12.8,	251.8,	247.8,	-85.0,	95.5,
31	12.8,	272.0,	218.1,	-86.8,	100.4,	32	12.8,	283.9,	181.7,	-86.0,	102.3,
33	12.8,	287.3,	139.9,	-82.5,	101.0,	34	12.8,	281.9,	93.7,	-76.6,	96.7,
35	12.8,	285.9,	103.9,	-101.5,	89.4,	36	12.8,	289.4,	148.8,	-138.8,	80.0,

SOURCE ID: EG24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-176.8,	79.6,	2	12.8,	270.0,	223.9,	-206.5,	64.7,
3	12.8,	247.8,	251.8,	-229.9,	47.9,	4	12.8,	218.1,	272.0,	-246.4,	29.6,

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    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                   PAGE  11
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 396558.3, 3766771.1,      87.2,     105.3,       0.0);         ( 396598.3,
3766771.1,      89.5,     106.6,       0.0);
     ( 396638.3, 3766771.1,      97.8,     104.2,       0.0);         ( 396678.3,
3766771.1,     101.8,     101.8,       0.0);
     ( 396718.3, 3766771.1,     104.7,     104.7,       0.0);         ( 396758.3,
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```
3766771.1,     105.8,     106.6,       0.0);
     ( 396798.3, 3766771.1,     101.2,     106.6,       0.0);         ( 396838.3,
3766771.1,     100.7,     100.7,       0.0);
     ( 396878.3, 3766771.1,     100.6,     100.6,       0.0);         ( 396918.3,
3766771.1,     101.0,     101.0,       0.0);
     ( 396958.3, 3766771.1,     101.6,     101.6,       0.0);         ( 396998.3,
3766771.1,     101.3,     101.3,       0.0);
     ( 397038.3, 3766771.1,     101.2,     186.7,       0.0);         ( 397078.3,
3766771.1,     101.0,     186.7,       0.0);
     ( 397118.3, 3766771.1,     101.2,     186.7,       0.0);         ( 397158.3,
3766771.1,     100.3,     186.7,       0.0);
     ( 397198.3, 3766771.1,      98.6,     188.9,       0.0);         ( 397238.3,
3766771.1,      99.4,     189.3,       0.0);
     ( 397278.3, 3766771.1,     101.0,     189.3,       0.0);         ( 397318.3,
3766771.1,     103.0,     189.3,       0.0);
     ( 397358.3, 3766771.1,     103.1,     189.3,       0.0);         ( 397398.3,
3766771.1,     103.4,     190.1,       0.0);
     ( 397438.3, 3766771.1,     103.5,     191.4,       0.0);         ( 397478.3,
3766771.1,     103.5,     192.0,       0.0);
     ( 397518.3, 3766771.1,     103.4,     192.0,       0.0);         ( 397558.3,
3766771.1,     105.3,     192.3,       0.0);
     ( 397598.3, 3766771.1,     111.8,     192.0,       0.0);         ( 397638.3,
3766771.1,     114.4,     192.0,       0.0);
     ( 397678.3, 3766771.1,     109.2,     192.4,       0.0);         ( 397718.3,
3766771.1,     106.2,     192.4,       0.0);
     ( 396558.3, 3766811.1,      87.4,     105.3,       0.0);         ( 396598.3,
3766811.1,      87.7,     106.6,       0.0);
     ( 396638.3, 3766811.1,      95.1,     105.3,       0.0);         ( 396678.3,
3766811.1,     102.9,     104.2,       0.0);
     ( 396718.3, 3766811.1,     103.5,     105.3,       0.0);         ( 396758.3,
3766811.1,     100.8,     106.6,       0.0);
     ( 396798.3, 3766811.1,      99.9,     106.6,       0.0);         ( 396838.3,
3766811.1,     100.6,     100.6,       0.0);
     ( 396878.3, 3766811.1,     100.3,     100.3,       0.0);         ( 396918.3,
3766811.1,     101.1,     101.1,       0.0);
     ( 396958.3, 3766811.1,     101.7,     101.7,       0.0);         ( 396998.3,
3766811.1,     102.3,     102.3,       0.0);
     ( 397038.3, 3766811.1,     102.2,     102.2,       0.0);         ( 397078.3,
3766811.1,     102.0,     102.0,       0.0);
     ( 397118.3, 3766811.1,     102.7,     186.7,       0.0);         ( 397158.3,
3766811.1,     102.7,     186.7,       0.0);
     ( 397198.3, 3766811.1,     102.0,     186.7,       0.0);         ( 397238.3,
3766811.1,     102.4,     187.3,       0.0);
     ( 397278.3, 3766811.1,     102.6,     188.9,       0.0);         ( 397318.3,
3766811.1,     102.3,     189.3,       0.0);
     ( 397358.3, 3766811.1,     102.9,     189.3,       0.0);         ( 397398.3,
3766811.1,     103.2,     189.3,       0.0);
     ( 397438.3, 3766811.1,     103.2,     190.7,       0.0);         ( 397478.3,
3766811.1,     103.5,     192.0,       0.0);
     ( 397518.3, 3766811.1,     103.5,     192.0,       0.0);         ( 397558.3,
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3766811.1,   103.4,   192.3,   0.0);
     (397598.3, 3766811.1,   105.3,   192.4,   0.0);   (397638.3,
3766811.1,   110.4,   192.3,   0.0);
     (397678.3, 3766811.1,   109.8,   192.4,   0.0);   (397718.3,
3766811.1,   107.5,   192.4,   0.0);
     (396558.3, 3766851.1,   89.4,   104.2,   0.0);   (396598.3,
3766851.1,   87.8,   106.6,   0.0);
     (396638.3, 3766851.1,   91.0,   106.6,   0.0);   (396678.3,
3766851.1,   95.7,   105.3,   0.0);
     (396718.3, 3766851.1,   98.7,   105.3,   0.0);   (396758.3,
3766851.1,   98.5,   106.6,   0.0);
     (396798.3, 3766851.1,   99.1,   99.1,   0.0);   (396838.3,
3766851.1,   99.7,   99.7,   0.0);
     (396878.3, 3766851.1,   100.7,   100.7,   0.0);   (396918.3,
3766851.1,   101.2,   101.2,   0.0);
     (396958.3, 3766851.1,   102.0,   102.0,   0.0);   (396998.3,
3766851.1,   102.7,   102.7,   0.0);
     (397038.3, 3766851.1,   102.7,   102.7,   0.0);   (397078.3,
3766851.1,   103.0,   103.0,   0.0);
     (397118.3, 3766851.1,   104.1,   104.1,   0.0);   (397158.3,
3766851.1,   105.3,   105.3,   0.0);
     (397198.3, 3766851.1,   104.5,   184.5,   0.0);   (397238.3,
3766851.1,   104.1,   186.7,   0.0);
     (397278.3, 3766851.1,   104.5,   186.7,   0.0);   (397318.3,
3766851.1,   104.0,   188.9,   0.0);
     (397358.3, 3766851.1,   102.3,   189.3,   0.0);   (397398.3,
3766851.1,   103.0,   189.3,   0.0);
     (397438.3, 3766851.1,   103.2,   190.1,   0.0);   (397478.3,
3766851.1,   103.4,   191.4,   0.0);
     (397518.3, 3766851.1,   103.6,   192.0,   0.0);   (397558.3,
3766851.1,   103.5,   192.0,   0.0);
     (397598.3, 3766851.1,   103.4,   192.4,   0.0);   (397638.3,
3766851.1,   104.2,   192.4,   0.0);
     (397678.3, 3766851.1,   103.5,   192.4,   0.0);   (397718.3,
3766851.1,   107.8,   192.4,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396558.3, 3766891.1,   90.1,   134.8,   0.0);   (396598.3,
3766891.1,   88.5,   135.4,   0.0);
     (396638.3, 3766891.1,   89.6,   134.8,   0.0);   (396678.3,

```
3766891.1,      96.1,     102.8,       0.0);
     ( 396718.3, 3766891.1,      97.0,      97.0,       0.0);         ( 396758.3,
3766891.1,      97.7,      97.7,       0.0);
     ( 396798.3, 3766891.1,      98.4,      98.4,       0.0);         ( 396838.3,
3766891.1,      99.1,      99.1,       0.0);
     ( 396878.3, 3766891.1,     101.0,     101.0,       0.0);         ( 396918.3,
3766891.1,     100.7,     100.7,       0.0);
     ( 396958.3, 3766891.1,     101.8,     101.8,       0.0);         ( 396998.3,
3766891.1,     102.3,     102.3,       0.0);
     ( 397038.3, 3766891.1,     102.8,     102.8,       0.0);         ( 397078.3,
3766891.1,     104.5,     104.5,       0.0);
     ( 397118.3, 3766891.1,     106.1,     106.1,       0.0);         ( 397158.3,
3766891.1,     105.3,     109.2,       0.0);
     ( 397198.3, 3766891.1,     106.7,     106.7,       0.0);         ( 397238.3,
3766891.1,     107.4,     107.4,       0.0);
     ( 397278.3, 3766891.1,     106.5,     106.5,       0.0);         ( 397318.3,
3766891.1,     106.1,     186.7,       0.0);
     ( 397358.3, 3766891.1,     105.8,     187.3,       0.0);         ( 397398.3,
3766891.1,     104.2,     189.3,       0.0);
     ( 397438.3, 3766891.1,     103.2,     189.3,       0.0);         ( 397478.3,
3766891.1,     103.2,     190.7,       0.0);
     ( 397518.3, 3766891.1,     103.4,     192.0,       0.0);         ( 397558.3,
3766891.1,     103.5,     192.0,       0.0);
     ( 397598.3, 3766891.1,     103.5,     192.3,       0.0);         ( 397638.3,
3766891.1,     103.4,     192.4,       0.0);
     ( 397678.3, 3766891.1,     103.2,     192.4,       0.0);         ( 397718.3,
3766891.1,     103.6,     192.4,       0.0);
     ( 396558.3, 3766931.1,      91.6,     135.4,       0.0);         ( 396598.3,
3766931.1,      89.3,     136.1,       0.0);
     ( 396638.3, 3766931.1,      93.4,     134.8,       0.0);         ( 396678.3,
3766931.1,      94.3,      94.3,       0.0);
     ( 396718.3, 3766931.1,      97.1,      97.1,       0.0);         ( 396758.3,
3766931.1,      98.1,      98.1,       0.0);
     ( 396798.3, 3766931.1,      99.0,      99.0,       0.0);         ( 396838.3,
3766931.1,      99.4,      99.4,       0.0);
     ( 396878.3, 3766931.1,      99.5,      99.5,       0.0);         ( 396918.3,
3766931.1,     100.2,     100.2,       0.0);
     ( 396958.3, 3766931.1,     101.1,     101.1,       0.0);         ( 396998.3,
3766931.1,     102.0,     102.0,       0.0);
     ( 397038.3, 3766931.1,     103.3,     103.3,       0.0);         ( 397078.3,
3766931.1,     106.1,     106.1,       0.0);
     ( 397118.3, 3766931.1,     108.0,     108.0,       0.0);         ( 397158.3,
3766931.1,     107.8,     107.8,       0.0);
     ( 397198.3, 3766931.1,     109.0,     109.0,       0.0);         ( 397238.3,
3766931.1,     109.0,     109.0,       0.0);
     ( 397278.3, 3766931.1,     107.9,     118.5,       0.0);         ( 397318.3,
3766931.1,     107.3,     150.2,       0.0);
     ( 397358.3, 3766931.1,     109.8,     119.4,       0.0);         ( 397398.3,
3766931.1,     107.8,     185.5,       0.0);
     ( 397438.3, 3766931.1,     105.5,     189.1,       0.0);         ( 397478.3,
```

3766931.1,   102.8,   189.3,   0.0);
     (397518.3, 3766931.1,   103.2,   190.7,   0.0);   (397558.3,
3766931.1,   103.4,   192.0,   0.0);
     (397598.3, 3766931.1,   103.5,   192.0,   0.0);   (397638.3,
3766931.1,   103.5,   192.3,   0.0);
     (397678.3, 3766931.1,   103.5,   192.4,   0.0);   (397718.3,
3766931.1,   106.4,   192.4,   0.0);
     (396558.3, 3766971.1,   93.8,   136.1,   0.0);   (396598.3,
3766971.1,   91.2,   136.1,   0.0);
     (396638.3, 3766971.1,   93.6,   135.4,   0.0);   (396678.3,
3766971.1,   94.6,   135.4,   0.0);
     (396718.3, 3766971.1,   96.2,   134.8,   0.0);   (396758.3,
3766971.1,   98.1,   98.1,   0.0);
     (396798.3, 3766971.1,   98.9,   98.9,   0.0);   (396838.3,
3766971.1,   100.1,   100.1,   0.0);
     (396878.3, 3766971.1,   99.9,   99.9,   0.0);   (396918.3,
3766971.1,   100.2,   135.2,   0.0);
     (396958.3, 3766971.1,   101.0,   135.2,   0.0);   (396998.3,
3766971.1,   102.5,   135.2,   0.0);
     (397038.3, 3766971.1,   104.9,   104.9,   0.0);   (397078.3,
3766971.1,   106.9,   106.9,   0.0);
     (397118.3, 3766971.1,   108.8,   108.8,   0.0);   (397158.3,
3766971.1,   109.8,   109.8,   0.0);
     (397198.3, 3766971.1,   109.5,   109.5,   0.0);   (397238.3,
3766971.1,   110.1,   110.1,   0.0);
     (397278.3, 3766971.1,   109.0,   150.2,   0.0);   (397318.3,
3766971.1,   109.5,   150.2,   0.0);
     (397358.3, 3766971.1,   116.2,   118.5,   0.0);   (397398.3,
3766971.1,   115.7,   118.2,   0.0);
     (397438.3, 3766971.1,   109.6,   150.2,   0.0);   (397478.3,
3766971.1,   106.4,   188.4,   0.0);
     (397518.3, 3766971.1,   104.2,   189.3,   0.0);   (397558.3,
3766971.1,   103.3,   191.4,   0.0);
     (397598.3, 3766971.1,   103.3,   192.0,   0.0);   (397638.3,
3766971.1,   103.5,   192.0,   0.0);
     (397678.3, 3766971.1,   104.4,   192.3,   0.0);   (397718.3,
3766971.1,   113.2,   192.0,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (396558.3, 3767011.1,   95.2,   136.1,   0.0);   (396598.3,

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3767011.1,      93.1,     136.1,       0.0);
     ( 396638.3, 3767011.1,      94.0,     136.1,       0.0);         ( 396678.3,
3767011.1,      95.6,     136.1,       0.0);
     ( 396718.3, 3767011.1,      96.5,     135.4,       0.0);         ( 396758.3,
3767011.1,      98.1,     134.8,       0.0);
     ( 396798.3, 3767011.1,      99.2,      99.2,       0.0);         ( 396838.3,
3767011.1,     100.3,     135.2,       0.0);
     ( 396878.3, 3767011.1,     100.8,     135.2,       0.0);         ( 396918.3,
3767011.1,     100.7,     141.2,       0.0);
     ( 396958.3, 3767011.1,     100.9,     143.4,       0.0);         ( 396998.3,
3767011.1,     102.8,     141.2,       0.0);
     ( 397038.3, 3767011.1,     105.1,     135.2,       0.0);         ( 397078.3,
3767011.1,     107.1,     107.1,       0.0);
     ( 397118.3, 3767011.1,     109.0,     109.0,       0.0);         ( 397158.3,
3767011.1,     109.6,     109.6,       0.0);
     ( 397198.3, 3767011.1,     109.6,     150.2,       0.0);         ( 397238.3,
3767011.1,     109.7,     150.2,       0.0);
     ( 397278.3, 3767011.1,     109.6,     150.2,       0.0);         ( 397318.3,
3767011.1,     111.0,     150.2,       0.0);
     ( 397358.3, 3767011.1,     115.3,     150.2,       0.0);         ( 397398.3,
3767011.1,     119.3,     119.3,       0.0);
     ( 397438.3, 3767011.1,     113.8,     150.2,       0.0);         ( 397478.3,
3767011.1,     109.4,     150.2,       0.0);
     ( 397518.3, 3767011.1,     107.9,     185.7,       0.0);         ( 397558.3,
3767011.1,     107.2,     188.4,       0.0);
     ( 397598.3, 3767011.1,     106.8,     189.2,       0.0);         ( 397638.3,
3767011.1,     107.4,     190.7,       0.0);
     ( 397678.3, 3767011.1,     112.3,     189.2,       0.0);         ( 397718.3,
3767011.1,     113.2,     190.7,       0.0);
     ( 396558.3, 3767051.1,      96.0,     136.1,       0.0);         ( 396598.3,
3767051.1,      95.3,     136.1,       0.0);
     ( 396638.3, 3767051.1,      94.8,     136.1,       0.0);         ( 396678.3,
3767051.1,      96.0,     136.1,       0.0);
     ( 396718.3, 3767051.1,      97.7,     136.1,       0.0);         ( 396758.3,
3767051.1,      98.3,     135.4,       0.0);
     ( 396798.3, 3767051.1,      99.9,     135.2,       0.0);         ( 396838.3,
3767051.1,     101.1,     135.2,       0.0);
     ( 396878.3, 3767051.1,     101.6,     143.4,       0.0);         ( 396918.3,
3767051.1,     102.7,     143.4,       0.0);
     ( 396958.3, 3767051.1,     103.7,     143.4,       0.0);         ( 396998.3,
3767051.1,     103.4,     143.4,       0.0);
     ( 397038.3, 3767051.1,     105.3,     143.4,       0.0);         ( 397078.3,
3767051.1,     107.3,     141.2,       0.0);
     ( 397118.3, 3767051.1,     109.0,     150.2,       0.0);         ( 397158.3,
3767051.1,     109.3,     150.2,       0.0);
     ( 397198.3, 3767051.1,     109.5,     150.2,       0.0);         ( 397238.3,
3767051.1,     109.1,     150.2,       0.0);
     ( 397278.3, 3767051.1,     110.0,     150.2,       0.0);         ( 397318.3,
3767051.1,     111.4,     150.2,       0.0);
     ( 397358.3, 3767051.1,     112.8,     150.2,       0.0);         ( 397398.3,
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3767051.1,   118.3,   150.2,   0.0);
     (397438.3, 3767051.1,   116.9,   150.2,   0.0);   (397478.3,
3767051.1,   112.9,   150.2,   0.0);
     (397518.3, 3767051.1,   110.3,   150.2,   0.0);   (397558.3,
3767051.1,   110.5,   150.2,   0.0);
     (397598.3, 3767051.1,   109.6,   185.5,   0.0);   (397638.3,
3767051.1,   108.9,   187.1,   0.0);
     (397678.3, 3767051.1,   110.6,   188.8,   0.0);   (397718.3,
3767051.1,   112.2,   188.8,   0.0);
     (396558.3, 3767091.1,   97.7,   136.1,   0.0);   (396598.3,
3767091.1,   99.1,   136.1,   0.0);
     (396638.3, 3767091.1,   97.2,   136.1,   0.0);   (396678.3,
3767091.1,   95.9,   136.1,   0.0);
     (396718.3, 3767091.1,   97.9,   136.1,   0.0);   (396758.3,
3767091.1,   99.5,   136.1,   0.0);
     (396798.3, 3767091.1,   100.3,   143.4,   0.0);   (396838.3,
3767091.1,   101.6,   143.4,   0.0);
     (396878.3, 3767091.1,   102.6,   143.4,   0.0);   (396918.3,
3767091.1,   103.5,   143.4,   0.0);
     (396958.3, 3767091.1,   103.8,   143.4,   0.0);   (396998.3,
3767091.1,   104.4,   143.4,   0.0);
     (397078.3, 3767091.1,   107.3,   150.2,   0.0);   (397118.3,
3767091.1,   108.2,   150.2,   0.0);
     (397158.3, 3767091.1,   109.0,   150.2,   0.0);   (397198.3,
3767091.1,   109.3,   150.2,   0.0);
     (397238.3, 3767091.1,   109.1,   150.2,   0.0);   (397278.3,
3767091.1,   110.1,   150.2,   0.0);
     (397318.3, 3767091.1,   111.5,   150.2,   0.0);   (397358.3,
3767091.1,   112.9,   150.2,   0.0);
     (397398.3, 3767091.1,   116.0,   150.2,   0.0);   (397438.3,
3767091.1,   116.9,   150.2,   0.0);
     (397478.3, 3767091.1,   118.4,   150.2,   0.0);   (397518.3,
3767091.1,   116.7,   150.2,   0.0);
     (397558.3, 3767091.1,   118.0,   150.2,   0.0);   (397598.3,
3767091.1,   115.9,   150.2,   0.0);
     (397638.3, 3767091.1,   111.3,   150.2,   0.0);   (397678.3,
3767091.1,   110.2,   150.2,   0.0);
     (397718.3, 3767091.1,   111.4,   149.0,   0.0);   (396558.3,
3767131.1,   100.6,   136.1,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
     ( 396598.3, 3767131.1,     100.8,     136.1,       0.0);         ( 396638.3,
3767131.1,     101.2,     136.1,       0.0);
     ( 396678.3, 3767131.1,      97.6,     136.1,       0.0);         ( 396718.3,
3767131.1,      97.7,     143.4,       0.0);
     ( 396758.3, 3767131.1,      99.3,     143.4,       0.0);         ( 396798.3,
3767131.1,     101.5,     143.4,       0.0);
     ( 396838.3, 3767131.1,     102.4,     143.4,       0.0);         ( 396878.3,
3767131.1,     104.3,     143.4,       0.0);
     ( 396918.3, 3767131.1,     103.9,     143.4,       0.0);         ( 396958.3,
3767131.1,     106.0,     143.4,       0.0);
     ( 397238.3, 3767131.1,     110.5,     150.2,       0.0);         ( 397278.3,
3767131.1,     111.1,     150.2,       0.0);
     ( 397318.3, 3767131.1,     111.4,     150.2,       0.0);         ( 397358.3,
3767131.1,     113.5,     150.2,       0.0);
     ( 397398.3, 3767131.1,     116.2,     150.2,       0.0);         ( 397438.3,
3767131.1,     116.8,     150.2,       0.0);
     ( 397478.3, 3767131.1,     119.3,     150.2,       0.0);         ( 397518.3,
3767131.1,     120.4,     150.2,       0.0);
     ( 397558.3, 3767131.1,     119.1,     150.2,       0.0);         ( 397598.3,
3767131.1,     119.8,     150.2,       0.0);
     ( 397638.3, 3767131.1,     113.8,     150.2,       0.0);         ( 397678.3,
3767131.1,     111.1,     150.2,       0.0);
     ( 397718.3, 3767131.1,     111.8,     149.0,       0.0);         ( 396558.3,
3767171.1,     104.5,     136.1,       0.0);
     ( 396598.3, 3767171.1,     103.9,     136.1,       0.0);         ( 396638.3,
3767171.1,     103.1,     136.1,       0.0);
     ( 396678.3, 3767171.1,     102.9,     136.1,       0.0);         ( 396718.3,
3767171.1,      98.2,     179.1,       0.0);
     ( 396758.3, 3767171.1,      99.6,     143.4,       0.0);         ( 396798.3,
3767171.1,     101.7,     143.4,       0.0);
     ( 396838.3, 3767171.1,     103.9,     143.4,       0.0);         ( 396878.3,
3767171.1,     106.7,     143.4,       0.0);
     ( 396918.3, 3767171.1,     109.2,     143.4,       0.0);         ( 397438.3,
3767171.1,     117.1,     150.2,       0.0);
     ( 397478.3, 3767171.1,     118.0,     150.2,       0.0);         ( 397518.3,
3767171.1,     117.0,     150.2,       0.0);
     ( 397558.3, 3767171.1,     116.1,     150.2,       0.0);         ( 397598.3,
3767171.1,     114.9,     150.2,       0.0);
     ( 397638.3, 3767171.1,     113.4,     150.2,       0.0);         ( 397678.3,
3767171.1,     113.4,     150.2,       0.0);
     ( 397718.3, 3767171.1,     113.2,     150.2,       0.0);         ( 396558.3,
3767211.1,     105.9,     136.1,       0.0);
     ( 396598.3, 3767211.1,     106.6,     136.1,       0.0);         ( 396638.3,
3767211.1,     105.2,     136.1,       0.0);
     ( 396678.3, 3767211.1,     106.0,     136.1,       0.0);         ( 396718.3,
3767211.1,     101.0,     179.1,       0.0);
     ( 396758.3, 3767211.1,      99.5,     179.3,       0.0);         ( 396798.3,
3767211.1,     101.1,     187.0,       0.0);
     ( 396838.3, 3767211.1,     105.4,     143.4,       0.0);         ( 396878.3,
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3767211.1,   107.3,   143.4,   0.0);
     (396918.3, 3767211.1,   110.0,   143.4,   0.0);   (396958.3,
3767211.1,   113.1,   143.4,   0.0);
     (397438.3, 3767211.1,   122.4,   150.2,   0.0);   (397478.3,
3767211.1,   123.3,   150.2,   0.0);
     (397518.3, 3767211.1,   119.8,   150.2,   0.0);   (397558.3,
3767211.1,   117.5,   150.2,   0.0);
     (397598.3, 3767211.1,   115.6,   150.2,   0.0);   (397638.3,
3767211.1,   115.1,   150.2,   0.0);
     (397678.3, 3767211.1,   115.2,   150.2,   0.0);   (397718.3,
3767211.1,   114.8,   150.2,   0.0);
     (396558.3, 3767251.1,   109.9,   136.1,   0.0);   (396598.3,
3767251.1,   108.8,   136.1,   0.0);
     (396638.3, 3767251.1,   108.9,   136.1,   0.0);   (396678.3,
3767251.1,   108.1,   137.4,   0.0);
     (396718.3, 3767251.1,   106.6,   137.4,   0.0);   (396758.3,
3767251.1,   100.9,   187.2,   0.0);
     (396798.3, 3767251.1,   101.4,   187.8,   0.0);   (396838.3,
3767251.1,   103.4,   187.8,   0.0);
     (396878.3, 3767251.1,   106.1,   187.2,   0.0);   (396918.3,
3767251.1,   114.7,   143.4,   0.0);
     (396958.3, 3767251.1,   119.3,   143.4,   0.0);   (396998.3,
3767251.1,   120.6,   143.4,   0.0);
     (397038.3, 3767251.1,   121.3,   143.4,   0.0);   (397078.3,
3767251.1,   120.9,   143.4,   0.0);
     (397118.3, 3767251.1,   115.0,   150.2,   0.0);   (397318.3,
3767251.1,   118.0,   150.2,   0.0);
     (397358.3, 3767251.1,   121.3,   150.2,   0.0);   (397398.3,
3767251.1,   130.4,   150.2,   0.0);
     (397438.3, 3767251.1,   134.6,   150.2,   0.0);   (397478.3,
3767251.1,   131.2,   150.2,   0.0);
     (397518.3, 3767251.1,   125.1,   150.2,   0.0);   (397558.3,
3767251.1,   122.6,   150.2,   0.0);
     (397598.3, 3767251.1,   119.3,   150.2,   0.0);   (397638.3,
3767251.1,   117.6,   150.2,   0.0);
     (397678.3, 3767251.1,   117.2,   150.2,   0.0);   (397718.3,
3767251.1,   116.8,   150.2,   0.0);
     (396558.3, 3767291.1,   126.5,   135.4,   0.0);   (396598.3,
3767291.1,   119.3,   136.1,   0.0);
     (396638.3, 3767291.1,   117.1,   136.1,   0.0);   (396678.3,
3767291.1,   115.5,   136.1,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396718.3, 3767291.1, 113.0, 136.1, 0.0); (396758.3, 3767291.1, 102.7, 187.2, 0.0);
(396798.3, 3767291.1, 102.1, 189.9, 0.0); (396838.3, 3767291.1, 103.6, 189.9, 0.0);
(396878.3, 3767291.1, 111.5, 187.0, 0.0); (396918.3, 3767291.1, 120.4, 143.4, 0.0);
(396958.3, 3767291.1, 120.8, 143.4, 0.0); (396998.3, 3767291.1, 127.7, 143.4, 0.0);
(397038.3, 3767291.1, 134.7, 135.2, 0.0); (397078.3, 3767291.1, 134.6, 134.6, 0.0);
(397118.3, 3767291.1, 128.4, 143.4, 0.0); (397158.3, 3767291.1, 116.3, 189.9, 0.0);
(397278.3, 3767291.1, 120.8, 150.2, 0.0); (397318.3, 3767291.1, 121.8, 150.2, 0.0);
(397358.3, 3767291.1, 129.8, 150.2, 0.0); (397398.3, 3767291.1, 141.6, 150.2, 0.0);
(397438.3, 3767291.1, 143.7, 148.7, 0.0); (397478.3, 3767291.1, 140.2, 150.2, 0.0);
(397518.3, 3767291.1, 135.4, 150.2, 0.0); (397558.3, 3767291.1, 137.2, 148.1, 0.0);
(397598.3, 3767291.1, 136.8, 147.8, 0.0); (397638.3, 3767291.1, 129.3, 149.1, 0.0);
(397678.3, 3767291.1, 120.2, 150.6, 0.0); (397718.3, 3767291.1, 118.9, 150.6, 0.0);
(396558.3, 3767331.1, 133.5, 133.5, 0.0); (396598.3, 3767331.1, 134.1, 134.1, 0.0);
(396638.3, 3767331.1, 129.8, 134.4, 0.0); (396678.3, 3767331.1, 122.0, 136.1, 0.0);
(396718.3, 3767331.1, 117.1, 136.1, 0.0); (396758.3, 3767331.1, 107.0, 187.2, 0.0);
(396798.3, 3767331.1, 103.3, 189.9, 0.0); (396838.3, 3767331.1, 104.2, 189.9, 0.0);
(396878.3, 3767331.1, 113.8, 187.2, 0.0); (396918.3, 3767331.1, 120.7, 143.4, 0.0);
(396958.3, 3767331.1, 125.0, 143.4, 0.0); (396998.3, 3767331.1, 126.2, 143.4, 0.0);
(397038.3, 3767331.1, 132.2, 143.4, 0.0); (397078.3, 3767331.1, 134.9, 143.4, 0.0);
(397118.3, 3767331.1, 134.9, 134.9, 0.0); (397158.3, 3767331.1, 125.9, 143.4, 0.0);
(397198.3, 3767331.1, 126.4, 150.2, 0.0); (397238.3, 3767331.1, 124.0, 187.8, 0.0);
(397278.3, 3767331.1, 123.8, 187.8, 0.0); (397318.3, 3767331.1, 128.9, 150.2, 0.0);
(397358.3, 3767331.1, 135.5, 150.2, 0.0); (397398.3, 3767331.1, 147.1, 150.2, 0.0);
(397438.3, 3767331.1, 148.2, 148.2, 0.0); (397478.3,

3767331.1,   146.1,   146.1,   0.0);
     (397518.3, 3767331.1,   145.2,   145.2,   0.0);   (397558.3,
3767331.1,   144.7,   144.7,   0.0);
     (397598.3, 3767331.1,   143.9,   143.9,   0.0);   (397638.3,
3767331.1,   141.2,   144.3,   0.0);
     (397678.3, 3767331.1,   129.5,   149.1,   0.0);   (397718.3,
3767331.1,   121.6,   151.5,   0.0);
     (396558.3, 3767371.1,   135.4,   135.4,   0.0);   (396598.3,
3767371.1,   131.4,   134.0,   0.0);
     (396638.3, 3767371.1,   127.9,   135.4,   0.0);   (396678.3,
3767371.1,   120.6,   136.1,   0.0);
     (396718.3, 3767371.1,   114.4,   179.1,   0.0);   (396758.3,
3767371.1,   109.2,   187.2,   0.0);
     (396798.3, 3767371.1,   104.8,   189.9,   0.0);   (396838.3,
3767371.1,   105.0,   189.9,   0.0);
     (396878.3, 3767371.1,   111.3,   189.9,   0.0);   (396918.3,
3767371.1,   118.7,   187.2,   0.0);
     (396958.3, 3767371.1,   125.0,   143.4,   0.0);   (396998.3,
3767371.1,   126.0,   143.4,   0.0);
     (397038.3, 3767371.1,   130.8,   143.4,   0.0);   (397078.3,
3767371.1,   138.5,   143.4,   0.0);
     (397118.3, 3767371.1,   135.7,   143.4,   0.0);   (397158.3,
3767371.1,   135.0,   142.1,   0.0);
     (397198.3, 3767371.1,   134.4,   137.4,   0.0);   (397238.3,
3767371.1,   129.7,   150.2,   0.0);
     (397278.3, 3767371.1,   127.9,   187.8,   0.0);   (397318.3,
3767371.1,   133.6,   150.2,   0.0);
     (397358.3, 3767371.1,   136.8,   150.2,   0.0);   (397398.3,
3767371.1,   147.7,   150.2,   0.0);
     (397438.3, 3767371.1,   148.5,   148.5,   0.0);   (397478.3,
3767371.1,   148.3,   148.3,   0.0);
     (397518.3, 3767371.1,   146.9,   146.9,   0.0);   (397558.3,
3767371.1,   146.9,   147.8,   0.0);
     (397598.3, 3767371.1,   144.7,   144.7,   0.0);   (397638.3,
3767371.1,   144.2,   144.2,   0.0);
     (397678.3, 3767371.1,   142.7,   144.1,   0.0);   (397718.3,
3767371.1,   130.4,   149.5,   0.0);
     (396558.3, 3767411.1,   135.6,   135.6,   0.0);   (396598.3,
3767411.1,   129.8,   136.1,   0.0);
     (396638.3, 3767411.1,   122.1,   137.4,   0.0);   (396678.3,
3767411.1,   116.5,   179.1,   0.0);
     (396718.3, 3767411.1,   112.7,   187.0,   0.0);   (396758.3,
3767411.1,   110.9,   187.8,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767411.1, 106.1, 189.9, 0.0); (396838.3, 3767411.1, 106.1, 189.9, 0.0);
(396878.3, 3767411.1, 111.5, 189.9, 0.0); (396918.3, 3767411.1, 117.6, 189.9, 0.0);
(396958.3, 3767411.1, 123.8, 187.2, 0.0); (396998.3, 3767411.1, 130.3, 143.4, 0.0);
(397038.3, 3767411.1, 137.4, 143.4, 0.0); (397078.3, 3767411.1, 142.8, 142.8, 0.0);
(397118.3, 3767411.1, 141.8, 142.1, 0.0); (397158.3, 3767411.1, 138.5, 140.2, 0.0);
(397198.3, 3767411.1, 134.6, 141.6, 0.0); (397238.3, 3767411.1, 132.4, 150.2, 0.0);
(397278.3, 3767411.1, 130.4, 189.9, 0.0); (397318.3, 3767411.1, 132.2, 150.2, 0.0);
(397358.3, 3767411.1, 135.9, 150.2, 0.0); (397398.3, 3767411.1, 144.7, 149.1, 0.0);
(397438.3, 3767411.1, 148.3, 148.3, 0.0); (397478.3, 3767411.1, 148.7, 148.7, 0.0);
(397518.3, 3767411.1, 148.2, 148.2, 0.0); (397558.3, 3767411.1, 148.1, 148.1, 0.0);
(397598.3, 3767411.1, 145.8, 145.8, 0.0); (397638.3, 3767411.1, 144.8, 144.8, 0.0);
(397678.3, 3767411.1, 144.9, 144.9, 0.0); (397718.3, 3767411.1, 142.1, 145.4, 0.0);
(396558.3, 3767451.1, 134.0, 134.0, 0.0); (396598.3, 3767451.1, 130.6, 135.4, 0.0);
(396638.3, 3767451.1, 123.3, 137.4, 0.0); (396678.3, 3767451.1, 118.1, 179.3, 0.0);
(396718.3, 3767451.1, 115.4, 187.0, 0.0); (396758.3, 3767451.1, 112.3, 189.9, 0.0);
(396798.3, 3767451.1, 106.8, 189.9, 0.0); (396838.3, 3767451.1, 108.1, 189.9, 0.0);
(396878.3, 3767451.1, 112.2, 189.9, 0.0); (396918.3, 3767451.1, 117.0, 189.9, 0.0);
(396958.3, 3767451.1, 122.9, 189.9, 0.0); (396998.3, 3767451.1, 129.0, 187.8, 0.0);
(397038.3, 3767451.1, 135.7, 143.4, 0.0); (397078.3, 3767451.1, 139.9, 139.9, 0.0);
(397118.3, 3767451.1, 141.3, 141.3, 0.0); (397158.3, 3767451.1, 140.8, 140.8, 0.0);
(397198.3, 3767451.1, 136.9, 140.6, 0.0); (397238.3, 3767451.1, 134.1, 189.9, 0.0);
(397278.3, 3767451.1, 132.3, 189.9, 0.0); (397318.3, 3767451.1, 132.5, 189.9, 0.0);
(397358.3, 3767451.1, 135.6, 187.8, 0.0); (397398.3,

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3767451.1,     143.1,     148.7,       0.0);
     ( 397438.3, 3767451.1,     147.9,     147.9,       0.0);         ( 397478.3,
3767451.1,     148.3,     148.3,       0.0);
     ( 397518.3, 3767451.1,     148.5,     148.5,       0.0);         ( 397558.3,
3767451.1,     148.6,     148.6,       0.0);
     ( 397598.3, 3767451.1,     146.5,     146.5,       0.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       0.0);
     ( 397678.3, 3767451.1,     145.2,     145.2,       0.0);         ( 397718.3,
3767451.1,     144.2,     144.2,       0.0);
     ( 396558.3, 3767491.1,     132.8,     132.8,       0.0);         ( 396598.3,
3767491.1,     128.0,     137.4,       0.0);
     ( 396638.3, 3767491.1,     125.5,     137.4,       0.0);         ( 396678.3,
3767491.1,     125.2,     179.1,       0.0);
     ( 396718.3, 3767491.1,     123.8,     179.3,       0.0);         ( 396758.3,
3767491.1,     115.7,     187.8,       0.0);
     ( 396798.3, 3767491.1,     107.5,     189.9,       0.0);         ( 396838.3,
3767491.1,     107.8,     189.9,       0.0);
     ( 396878.3, 3767491.1,     111.2,     189.9,       0.0);         ( 396918.3,
3767491.1,     117.4,     189.9,       0.0);
     ( 396958.3, 3767491.1,     122.9,     189.9,       0.0);         ( 396998.3,
3767491.1,     126.8,     189.9,       0.0);
     ( 397038.3, 3767491.1,     133.8,     187.8,       0.0);         ( 397078.3,
3767491.1,     139.8,     139.8,       0.0);
     ( 397118.3, 3767491.1,     141.5,     141.5,       0.0);         ( 397158.3,
3767491.1,     140.6,     140.6,       0.0);
     ( 397198.3, 3767491.1,     137.9,     189.9,       0.0);         ( 397238.3,
3767491.1,     135.4,     189.9,       0.0);
     ( 397278.3, 3767491.1,     133.4,     189.9,       0.0);         ( 397318.3,
3767491.1,     133.1,     189.9,       0.0);
     ( 397358.3, 3767491.1,     133.9,     189.9,       0.0);         ( 397398.3,
3767491.1,     139.5,     148.9,       0.0);
     ( 397438.3, 3767491.1,     144.4,     148.3,       0.0);         ( 397478.3,
3767491.1,     147.4,     147.4,       0.0);
     ( 397518.3, 3767491.1,     148.9,     148.9,       0.0);         ( 397558.3,
3767491.1,     149.0,     149.0,       0.0);
     ( 397598.3, 3767491.1,     146.6,     146.6,       0.0);         ( 397638.3,
3767491.1,     146.2,     146.2,       0.0);
     ( 397678.3, 3767491.1,     145.6,     145.6,       0.0);         ( 397718.3,
3767491.1,     144.7,     146.1,       0.0);
     ( 396558.3, 3767531.1,     133.7,     133.7,       0.0);         ( 396598.3,
3767531.1,     131.3,     137.2,       0.0);
     ( 396638.3, 3767531.1,     134.0,     137.4,       0.0);         ( 396678.3,
3767531.1,     135.0,     137.4,       0.0);
     ( 396718.3, 3767531.1,     129.2,     179.1,       0.0);         ( 396758.3,
3767531.1,     113.3,     189.9,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:07:13
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767531.1, 108.3, 189.9, 0.0); (396838.3, 3767531.1, 109.6, 189.9, 0.0);
(396878.3, 3767531.1, 113.0, 189.9, 0.0); (396918.3, 3767531.1, 115.1, 189.9, 0.0);
(396958.3, 3767531.1, 120.1, 189.9, 0.0); (396998.3, 3767531.1, 124.0, 189.9, 0.0);
(397038.3, 3767531.1, 132.3, 189.9, 0.0); (397078.3, 3767531.1, 136.4, 189.9, 0.0);
(397118.3, 3767531.1, 139.3, 189.9, 0.0); (397158.3, 3767531.1, 141.1, 187.8, 0.0);
(397198.3, 3767531.1, 139.6, 189.9, 0.0); (397238.3, 3767531.1, 136.6, 189.9, 0.0);
(397278.3, 3767531.1, 134.7, 189.9, 0.0); (397318.3, 3767531.1, 133.7, 189.9, 0.0);
(397358.3, 3767531.1, 133.7, 189.9, 0.0); (397398.3, 3767531.1, 135.2, 189.9, 0.0);
(397438.3, 3767531.1, 145.3, 145.3, 0.0); (397478.3, 3767531.1, 148.6, 148.6, 0.0);
(397518.3, 3767531.1, 149.7, 149.7, 0.0); (397558.3, 3767531.1, 149.4, 149.4, 0.0);
(397598.3, 3767531.1, 147.0, 147.0, 0.0); (397638.3, 3767531.1, 147.2, 147.2, 0.0);
(397678.3, 3767531.1, 147.1, 147.1, 0.0); (397718.3, 3767531.1, 146.7, 147.9, 0.0);
(397320.8, 3767219.1, 113.2, 150.2, 0.0); (397330.8, 3767209.1, 113.3, 150.2, 0.0);
(397340.8, 3767189.1, 113.2, 150.2, 0.0); (397340.8, 3767199.1, 113.3, 150.2, 0.0);
(397340.8, 3767209.1, 113.5, 150.2, 0.0); (397350.8, 3767189.1, 113.3, 150.2, 0.0);
(397350.8, 3767199.1, 113.5, 150.2, 0.0); (397360.8, 3767189.1, 113.5, 150.2, 0.0);
(397360.8, 3767199.1, 113.9, 150.2, 0.0); (397370.8, 3767189.1, 113.7, 150.2, 0.0);
(397380.8, 3767189.1, 113.8, 150.2, 0.0); (396934.7, 3767169.5, 108.6, 143.4, 0.0);
(397014.5, 3767229.6, 109.8, 187.2, 0.0); (397044.1, 3767224.0, 109.4, 187.8, 0.0);
(397113.6, 3767239.9, 112.2, 187.8, 0.0); (397158.6, 3767280.3, 114.3, 189.9, 0.0);
(397169.0, 3767307.0, 117.1, 189.9, 0.0); (397244.0, 3767296.7, 115.8, 189.9, 0.0);
(397261.0, 3767278.9, 116.1, 189.9, 0.0); (397409.7,

3767205.7,   117.0,   150.2,   0.0);
     (397422.9, 3767189.2,   116.5,   150.2,   0.0);   (397426.6,
3767180.8,   116.7,   150.2,   0.0);
     (397420.5, 3767170.5,   116.1,   150.2,   0.0);   (397318.7,
3767160.1,   112.5,   150.2,   0.0);
     (397023.0, 3767083.6,   104.9,   143.4,   0.0);   (396920.4,
3767167.3,   108.8,   143.4,   0.0);
     (396990.0, 3767243.5,   118.7,   143.4,   0.0);   (397044.1,
3767224.0,   109.4,   187.8,   0.0);
     (397113.6, 3767239.9,   112.2,   187.8,   0.0);   (397158.6,
3767280.3,   114.3,   189.9,   0.0);
     (397169.0, 3767307.0,   117.1,   189.9,   0.0);   (397244.0,
3767296.7,   115.8,   189.9,   0.0);
     (397261.0, 3767278.9,   116.1,   189.9,   0.0);   (397409.7,
3767205.7,   117.0,   150.2,   0.0);
     (397422.9, 3767189.2,   116.5,   150.2,   0.0);   (397426.6,
3767180.8,   116.7,   150.2,   0.0);
     (397420.5, 3767170.5,   116.1,   150.2,   0.0);   (397318.7,
3767160.1,   112.5,   150.2,   0.0);
     (397023.0, 3767083.6,   104.9,   143.4,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON

WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_v9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73						

```
1.00    2.20  258.    9.1  282.0    5.5
 10 01 01   1 07  -27.2  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  213.    9.1  281.4    5.5
 10 01 01   1 08  -22.6  0.335 -9.000 -9.000 -999.  466.    151.7  0.34   0.73
0.54    2.70  215.    9.1  282.0    5.5
 10 01 01   1 09   26.9  0.249  0.347  0.008   56.  302.    -51.9  0.34   0.73
0.32    1.80  199.    9.1  284.2    5.5
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:07:13
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	0.37381	396598.26	3766771.08	0.45613
396638.26	3766771.08	0.57471	396678.26	3766771.08	0.70039
396718.26	3766771.08	0.84771	396758.26	3766771.08	0.97286
396798.26	3766771.08	1.01496	396838.26	3766771.08	1.06081
396878.26	3766771.08	1.05727	396918.26	3766771.08	0.99795
396958.26	3766771.08	0.88966	396998.26	3766771.08	0.73838
397038.26	3766771.08	0.57771	397078.26	3766771.08	0.43484
397118.26	3766771.08	0.32516	397158.26	3766771.08	0.24764
397198.26	3766771.08	0.20363	397238.26	3766771.08	0.18505
397278.26	3766771.08	0.18079	397318.26	3766771.08	0.18350
397358.26	3766771.08	0.18464	397398.26	3766771.08	0.18314
397438.26	3766771.08	0.17768	397478.26	3766771.08	0.16951
397518.26	3766771.08	0.15989	397558.26	3766771.08	0.15180
397598.26	3766771.08	0.14916	397638.26		

3766771.08 0.13768
397678.26 3766771.08 0.12613 397718.26
3766771.08 0.11446
396558.26 3766811.08 0.36600 396598.26
3766811.08 0.44207
396638.26 3766811.08 0.56144 396678.26
3766811.08 0.72373
396718.26 3766811.08 0.86630 396758.26
3766811.08 0.98862
396798.26 3766811.08 1.10660 396838.26
3766811.08 1.21465
396878.26 3766811.08 1.24693 396918.26
3766811.08 1.21803
396958.26 3766811.08 1.11050 396998.26
3766811.08 0.94657
397038.26 3766811.08 0.74506 397078.26
3766811.08 0.55661
397118.26 3766811.08 0.40679 397158.26
3766811.08 0.30374
397198.26 3766811.08 0.24463 397238.26
3766811.08 0.22013
397278.26 3766811.08 0.21232 397318.26
3766811.08 0.21085
397358.26 3766811.08 0.21101 397398.26
3766811.08 0.20700
397438.26 3766811.08 0.19878 397478.26
3766811.08 0.18804
397518.26 3766811.08 0.17634 397558.26
3766811.08 0.16395
397598.26 3766811.08 0.15468 397638.26
3766811.08 0.14922
397678.26 3766811.08 0.13729 397718.26
3766811.08 0.12443
396558.26 3766851.08 0.35143 396598.26
3766851.08 0.42458
396638.26 3766851.08 0.52702 396678.26
3766851.08 0.67057
396718.26 3766851.08 0.83102 396758.26
3766851.08 0.99653
396798.26 3766851.08 1.17722 396838.26
3766851.08 1.33376
396878.26 3766851.08 1.44824 396918.26
3766851.08 1.46764
396958.26 3766851.08 1.38467 396998.26
3766851.08 1.20539
397038.26 3766851.08 0.96726 397078.26
3766851.08 0.72329
397118.26 3766851.08 0.52355 397158.26
3766851.08 0.38305
397198.26 3766851.08 0.29855 397238.26

3766851.08   0.26302
         397278.26   3766851.08   0.25352   397318.26
3766851.08   0.24834

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.24065   397398.26
3766851.08   0.23443
         397438.26   3766851.08   0.22287   397478.26
3766851.08   0.20931
         397518.26   3766851.08   0.19489   397558.26
3766851.08   0.18076
         397598.26   3766851.08   0.16680   397638.26
3766851.08   0.15482
         397678.26   3766851.08   0.14163   397718.26
3766851.08   0.13397
         396558.26   3766891.08   0.32794   396598.26
3766891.08   0.40202
         396638.26   3766891.08   0.49669   396678.26
3766891.08   0.63269
         396718.26   3766891.08   0.79859   396758.26
3766891.08   0.98573
         396798.26   3766891.08   1.20434   396838.26
3766891.08   1.42241
         396878.26   3766891.08   1.63180   396918.26

3766891.08 1.70968
396958.26 3766891.08 1.69496 396998.26
3766891.08 1.52698
397038.26 3766891.08 1.25813 397078.26
3766891.08 0.97259
397118.26 3766891.08 0.70129 397158.26
3766891.08 0.48637
397198.26 3766891.08 0.37372 397238.26
3766891.08 0.32608
397278.26 3766891.08 0.30491 397318.26
3766891.08 0.29606
397358.26 3766891.08 0.28714 397398.26
3766891.08 0.26982
397438.26 3766891.08 0.25069 397478.26
3766891.08 0.23306
397518.26 3766891.08 0.21550 397558.26
3766891.08 0.19872
397598.26 3766891.08 0.18269 397638.26
3766891.08 0.16726
397678.26 3766891.08 0.15232 397718.26
3766891.08 0.13905
396558.26 3766931.08 0.30517 396598.26
3766931.08 0.36753
396638.26 3766931.08 0.46525 396678.26
3766931.08 0.58162
396718.26 3766931.08 0.73732 396758.26
3766931.08 0.94146
396798.26 3766931.08 1.17690 396838.26
3766931.08 1.46098
396878.26 3766931.08 1.72666 396918.26
3766931.08 1.94380
396958.26 3766931.08 2.02397 396998.26
3766931.08 1.93127
397038.26 3766931.08 1.67481 397078.26
3766931.08 1.34168
397118.26 3766931.08 0.98450 397158.26
3766931.08 0.67268
397198.26 3766931.08 0.49418 397238.26
3766931.08 0.40756
397278.26 3766931.08 0.37127 397318.26
3766931.08 0.35346
397358.26 3766931.08 0.34717 397398.26
3766931.08 0.31943
397438.26 3766931.08 0.28910 397478.26
3766931.08 0.25929
397518.26 3766931.08 0.23880 397558.26
3766931.08 0.21864
397598.26 3766931.08 0.19936 397638.26
3766931.08 0.18084
397678.26 3766931.08 0.16369 397718.26

3766931.08   0.15133
         396558.26   3766971.08   0.28232   396598.26
3766971.08   0.33800
         396638.26   3766971.08   0.41977   396678.26
3766971.08   0.52326
         396718.26   3766971.08   0.66601   396758.26
3766971.08   0.84694
         396798.26   3766971.08   1.09740   396838.26
3766971.08   1.40544
         396878.26   3766971.08   1.76955   396918.26
3766971.08   2.13252

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   2.39082   396998.26
3766971.08   2.44634
         397038.26   3766971.08   2.27262   397078.26
3766971.08   1.95239
         397118.26   3766971.08   1.65564   397158.26
3766971.08   1.23812
         397198.26   3766971.08   0.76211   397238.26
3766971.08   0.54980
         397278.26   3766971.08   0.46474   397318.26
3766971.08   0.43512
         397358.26   3766971.08   0.40651   397398.26

3766971.08 0.37536
397438.26 3766971.08 0.34094 397478.26
3766971.08 0.30022
397518.26 3766971.08 0.26674 397558.26
3766971.08 0.23930
397598.26 3766971.08 0.21564 397638.26
3766971.08 0.19424
397678.26 3766971.08 0.17602 397718.26
3766971.08 0.16759
396558.26 3767011.08 0.25844 396598.26
3767011.08 0.30758
396638.26 3767011.08 0.37740 396678.26
3767011.08 0.46834
396718.26 3767011.08 0.58417 396758.26
3767011.08 0.74913
396798.26 3767011.08 0.96573 396838.26
3767011.08 1.28273
396878.26 3767011.08 1.70253 396918.26
3767011.08 2.21545
396958.26 3767011.08 2.69233 396998.26
3767011.08 3.01863
397038.26 3767011.08 3.26792 397078.26
3767011.08 3.46401
397118.26 3767011.08 2.77680 397158.26
3767011.08 1.86098
397198.26 3767011.08 1.17064 397238.26
3767011.08 0.80760
397278.26 3767011.08 0.62843 397318.26
3767011.08 0.54400
397358.26 3767011.08 0.48534 397398.26
3767011.08 0.42462
397438.26 3767011.08 0.39268 397478.26
3767011.08 0.34429
397518.26 3767011.08 0.30396 397558.26
3767011.08 0.26920
397598.26 3767011.08 0.23954 397638.26
3767011.08 0.21463
397678.26 3767011.08 0.19818 397718.26
3767011.08 0.17649
396558.26 3767051.08 0.24016 396598.26
3767051.08 0.28348
396638.26 3767051.08 0.33878 396678.26
3767051.08 0.41400
396718.26 3767051.08 0.51574 396758.26
3767051.08 0.64558
396798.26 3767051.08 0.82771 396838.26
3767051.08 1.10255
396878.26 3767051.08 1.52155 396918.26
3767051.08 2.16386
396958.26 3767051.08 2.94009 396998.26

```
3767051.08        4.11830
         397038.26    3767051.08        5.15144                       397078.26
3767051.08        4.24246
         397118.26    3767051.08        3.42623                       397158.26
3767051.08        2.37533
         397198.26    3767051.08        1.53088                       397238.26
3767051.08        1.02594
         397278.26    3767051.08        0.83964                       397318.26
3767051.08        0.73340
         397358.26    3767051.08        0.58853                       397398.26
3767051.08        0.49372
         397438.26    3767051.08        0.43505                       397478.26
3767051.08        0.39119
         397518.26    3767051.08        0.33831                       397558.26
3767051.08        0.29918
         397598.26    3767051.08        0.26200                       397638.26
3767051.08        0.23019
         397678.26    3767051.08        0.20675                       397718.26
3767051.08        0.18608
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                   PAGE  23
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.22578                       396598.26
3767091.08        0.26615
         396638.26    3767091.08        0.31071                       396678.26
```

3767091.08 0.36831
396718.26 3767091.08 0.45079 396758.26
3767091.08 0.55754
396798.26 3767091.08 0.70401 396838.26
3767091.08 0.91822
396878.26 3767091.08 1.26162 396918.26
3767091.08 1.84758
396958.26 3767091.08 3.10977 396998.26
3767091.08 6.03237
397078.26 3767091.08 5.42884 397118.26
3767091.08 4.96391
397158.26 3767091.08 3.78998 397198.26
3767091.08 2.40815
397238.26 3767091.08 1.49946 397278.26
3767091.08 1.13377
397318.26 3767091.08 1.03178 397358.26
3767091.08 0.72414
397398.26 3767091.08 0.58016 397438.26
3767091.08 0.49132
397478.26 3767091.08 0.41892 397518.26
3767091.08 0.36675
397558.26 3767091.08 0.31839 397598.26
3767091.08 0.28142
397638.26 3767091.08 0.25006 397678.26
3767091.08 0.21791
397718.26 3767091.08 0.19499 396558.26
3767131.08 0.21793
396598.26 3767131.08 0.25158 396638.26
3767131.08 0.29400
396678.26 3767131.08 0.33635 396718.26
3767131.08 0.39958
396758.26 3767131.08 0.48603 396798.26
3767131.08 0.60578
396838.26 3767131.08 0.76741 396878.26
3767131.08 1.02545
396918.26 3767131.08 1.41278 396958.26
3767131.08 2.62161
397238.26 3767131.08 2.93721 397278.26
3767131.08 1.85629
397318.26 3767131.08 1.39911 397358.26
3767131.08 0.97126
397398.26 3767131.08 0.66946 397438.26
3767131.08 0.55501
397478.26 3767131.08 0.46348 397518.26
3767131.08 0.39553
397558.26 3767131.08 0.34473 397598.26
3767131.08 0.29922
397638.26 3767131.08 0.26918 397678.26
3767131.08 0.23557
397718.26 3767131.08 0.20911 396558.26

```
3767171.08        0.21572
         396598.26    3767171.08        0.24483                        396638.26
3767171.08        0.27957
         396678.26    3767171.08        0.32291                        396718.26
3767171.08        0.36382
         396758.26    3767171.08        0.43326                        396798.26
3767171.08        0.52779
         396838.26    3767171.08        0.66099                        396878.26
3767171.08        0.86174
         396918.26    3767171.08        1.16718                        397438.26
3767171.08        0.65618
         397478.26    3767171.08        0.54478                        397518.26
3767171.08        0.46123
         397558.26    3767171.08        0.39644                        397598.26
3767171.08        0.34358
         397638.26    3767171.08        0.29946                        397678.26
3767171.08        0.26099
         397718.26    3767171.08        0.22886                        396558.26
3767211.08        0.21272
         396598.26    3767211.08        0.24260                        396638.26
3767211.08        0.27295
         396678.26    3767211.08        0.31521                        396718.26
3767211.08        0.34717
         396758.26    3767211.08        0.39781                        396798.26
3767211.08        0.47248
         396838.26    3767211.08        0.58952                        396878.26
3767211.08        0.73868
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.96113	396958.26	3767211.08	1.26678
397438.26	3767211.08	0.84256	397478.26	3767211.08	0.67179
397518.26	3767211.08	0.56012	397558.26	3767211.08	0.47394
397598.26	3767211.08	0.40521	397638.26	3767211.08	0.34668
397678.26	3767211.08	0.29712	397718.26	3767211.08	0.25676
396558.26	3767251.08	0.21361	396598.26	3767251.08	0.23929
396638.26	3767251.08	0.27214	396678.26	3767251.08	0.30857
396718.26	3767251.08	0.34873	396758.26	3767251.08	0.38002
396798.26	3767251.08	0.44203	396838.26	3767251.08	0.52907
396878.26	3767251.08	0.65267	396918.26	3767251.08	0.85560
396958.26	3767251.08	1.03688	396998.26	3767251.08	1.38555
397038.26	3767251.08	1.82873	397078.26	3767251.08	3.22575
397118.26	3767251.08	7.72014	397318.26	3767251.08	3.71949
397358.26	3767251.08	2.30326	397398.26	3767251.08	1.58818
397438.26	3767251.08	1.19197	397478.26	3767251.08	0.91089
397518.26	3767251.08	0.72663	397558.26	3767251.08	0.59161
397598.26	3767251.08	0.49259	397638.26	3767251.08	0.41453
397678.26	3767251.08	0.34967	397718.26	3767251.08	0.29655
396558.26	3767291.08	0.20686	396598.26	3767291.08	0.23482
396638.26	3767291.08	0.26726	396678.26	3767291.08	0.30532
396718.26	3767291.08	0.35262	396758.26	3767291.08	0.36713
396798.26	3767291.08	0.41906	396838.26	3767291.08	0.49283
396878.26	3767291.08	0.63801	396918.26		

3767291.08   0.74731
         396958.26   3767291.08   0.91371   396998.26
3767291.08   1.22548
         397038.26   3767291.08   2.31731   397078.26
3767291.08   3.71330
         397118.26   3767291.08   4.29258   397158.26
3767291.08   7.25732
         397278.26   3767291.08   5.50076   397318.26
3767291.08   4.81857
         397358.26   3767291.08   2.98005   397398.26
3767291.08   2.23957
         397438.26   3767291.08   1.65888   397478.26
3767291.08   1.24081
         397518.26   3767291.08   0.95774   397558.26
3767291.08   0.76951
         397598.26   3767291.08   0.62507   397638.26
3767291.08   0.50694
         397678.26   3767291.08   0.41984   397718.26
3767291.08   0.35155
         396558.26   3767331.08   0.20322   396598.26
3767331.08   0.22861
         396638.26   3767331.08   0.25615   396678.26
3767331.08   0.29121
         396718.26   3767331.08   0.33470   396758.26
3767331.08   0.36825
         396798.26   3767331.08   0.40476   396838.26
3767331.08   0.46841
         396878.26   3767331.08   0.59483   396918.26
3767331.08   0.68249
         396958.26   3767331.08   0.82010   396998.26
3767331.08   1.07730
         397038.26   3767331.08   1.78355   397078.26
3767331.08   3.29833
         397118.26   3767331.08   4.70045   397158.26
3767331.08   5.93876

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                 INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18

```
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        6.44728                       397238.26
3767331.08        6.55521
         397278.26    3767331.08        5.89825                       397318.26
3767331.08        4.34688
         397358.26    3767331.08        3.43035                       397398.26
3767331.08        2.76297
         397438.26    3767331.08        2.08411                       397478.26
3767331.08        1.57705
         397518.26    3767331.08        1.22855                       397558.26
3767331.08        0.97886
         397598.26    3767331.08        0.78378                       397638.26
3767331.08        0.63273
         397678.26    3767331.08        0.50920                       397718.26
3767331.08        0.41810
         396558.26    3767371.08        0.19874                       396598.26
3767371.08        0.22061
         396638.26    3767371.08        0.24751                       396678.26
3767371.08        0.28048
         396718.26    3767371.08        0.32298                       396758.26
3767371.08        0.35816
         396798.26    3767371.08        0.38902                       396838.26
3767371.08        0.44311
         396878.26    3767371.08        0.54584                       396918.26
3767371.08        0.62957
         396958.26    3767371.08        0.74551                       396998.26
3767371.08        0.96512
         397038.26    3767371.08        1.41244                       397078.26
3767371.08        2.35928
         397118.26    3767371.08        3.28667                       397158.26
3767371.08        4.28108
         397198.26    3767371.08        4.77214                       397238.26
3767371.08        4.75100
         397278.26    3767371.08        4.45102                       397318.26
3767371.08        3.99105
         397358.26    3767371.08        3.39679                       397398.26
3767371.08        2.90862
         397438.26    3767371.08        2.30259                       397478.26
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3767371.08        1.81774
         397518.26    3767371.08        1.44216                        397558.26
3767371.08        1.16045
         397598.26    3767371.08        0.93361                        397638.26
3767371.08        0.75711
         397678.26    3767371.08        0.61487                        397718.26
3767371.08        0.49355
         396558.26    3767411.08        0.19292                        396598.26
3767411.08        0.21335
         396638.26    3767411.08        0.23927                        396678.26
3767411.08        0.27194
         396718.26    3767411.08        0.31101                        396758.26
3767411.08        0.34661
         396798.26    3767411.08        0.37334                        396838.26
3767411.08        0.42082
         396878.26    3767411.08        0.50492                        396918.26
3767411.08        0.57403
         396958.26    3767411.08        0.67005                        396998.26
3767411.08        0.85969
         397038.26    3767411.08        1.24886                        397078.26
3767411.08        1.88382
         397118.26    3767411.08        2.52130                        397158.26
3767411.08        3.07628
         397198.26    3767411.08        3.46155                        397238.26
3767411.08        3.67307
         397278.26    3767411.08        3.64948                        397318.26
3767411.08        3.43972
         397358.26    3767411.08        3.07728                        397398.26
3767411.08        2.74365
         397438.26    3767411.08        2.33584                        397478.26
3767411.08        1.93150
         397518.26    3767411.08        1.58207                        397558.26
3767411.08        1.29883
         397598.26    3767411.08        1.05500                        397638.26
3767411.08        0.86220
         397678.26    3767411.08        0.70879                        397718.26
3767411.08        0.57601
         396558.26    3767451.08        0.18674                        396598.26
3767451.08        0.20671
         396638.26    3767451.08        0.23060                        396678.26
3767451.08        0.25998
         396718.26    3767451.08        0.29314                        396758.26
3767451.08        0.33190
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	0.35205	396838.26	3767451.08	0.39920
396878.26	3767451.08	0.46618	396918.26	3767451.08	0.52311
396958.26	3767451.08	0.60306	396998.26	3767451.08	0.74951
397038.26	3767451.08	1.03373	397078.26	3767451.08	1.46765
397118.26	3767451.08	1.96994	397158.26	3767451.08	2.43024
397198.26	3767451.08	2.73845	397238.26	3767451.08	2.93878
397278.26	3767451.08	2.99030	397318.26	3767451.08	2.89817
397358.26	3767451.08	2.71830	397398.26	3767451.08	2.49849
397438.26	3767451.08	2.23416	397478.26	3767451.08	1.92554
397518.26	3767451.08	1.63565	397558.26	3767451.08	1.37438
397598.26	3767451.08	1.13527	397638.26	3767451.08	0.93950
397678.26	3767451.08	0.77927	397718.26	3767451.08	0.64397
396558.26	3767491.08	0.18073	396598.26	3767491.08	0.19905
396638.26	3767491.08	0.22128	396678.26	3767491.08	0.24628
396718.26	3767491.08	0.27356	396758.26		

3767491.08 0.30768
396798.26 3767491.08 0.32983 396838.26
3767491.08 0.36829
396878.26 3767491.08 0.42320 396918.26
3767491.08 0.47407
396958.26 3767491.08 0.54375 396998.26
3767491.08 0.66180
397038.26 3767491.08 0.87330 397078.26
3767491.08 1.21296
397118.26 3767491.08 1.58892 397158.26
3767491.08 1.93823
397198.26 3767491.08 2.21503 397238.26
3767491.08 2.39431
397278.26 3767491.08 2.47938 397318.26
3767491.08 2.45671
397358.26 3767491.08 2.35127 397398.26
3767491.08 2.21821
397438.26 3767491.08 2.04896 397478.26
3767491.08 1.83649
397518.26 3767491.08 1.61217 397558.26
3767491.08 1.38566
397598.26 3767491.08 1.16830 397638.26
3767491.08 0.98658
397678.26 3767491.08 0.82602 397718.26
3767491.08 0.69116
396558.26 3767531.08 0.17522 396598.26
3767531.08 0.19277
396638.26 3767531.08 0.21488 396678.26
3767531.08 0.23894
396718.26 3767531.08 0.25966 396758.26
3767531.08 0.29144
396798.26 3767531.08 0.30914 396838.26
3767531.08 0.34442
396878.26 3767531.08 0.39148 396918.26
3767531.08 0.43453
396958.26 3767531.08 0.49498 396998.26
3767531.08 0.59392
397038.26 3767531.08 0.77049 397078.26
3767531.08 1.01865
397118.26 3767531.08 1.31628 397158.26
3767531.08 1.62682
397198.26 3767531.08 1.85815 397238.26
3767531.08 2.01415
397278.26 3767531.08 2.09336 397318.26
3767531.08 2.10485
397358.26 3767531.08 2.04813 397398.26
3767531.08 1.94555
397438.26 3767531.08 1.86584 397478.26
3767531.08 1.72194
397518.26 3767531.08 1.53801 397558.26

3767531.08   1.34967
↑ *** AERMOD - VERSION 24142 ***   *** C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons ***   09/22/25
 *** AERMET - VERSION 16216 ***   ***
                        ***   17:07:13

                                   PAGE 27
 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02   , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10   , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18   , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	1.16088	397638.26	3767531.08	0.99835
397678.26	3767531.08	0.85294	397718.26	3767531.08	0.72443
397320.82	3767219.11	3.93122	397330.82	3767209.11	3.48995
397340.82	3767189.11	2.55506	397340.82	3767199.11	2.87609
397340.82	3767209.11	3.22001	397350.82	3767189.11	2.24219
397350.82	3767199.11	2.48763	397360.82	3767189.11	1.74557
397360.82	3767199.11	1.92279	397370.82	3767189.11	1.33031
397380.82	3767189.11	1.09269	396934.73	3767169.52	1.31978
397014.53	3767229.60	1.70843	397044.10	3767223.97	2.70418
397113.57	3767239.93	8.78454	397158.63	3767280.29	8.99881
397168.95	3767307.05	6.59628	397244.05		

3767296.72   7.79967
         397260.95   3767278.88   6.84492   397409.74
3767205.66   0.98343
         397422.89   3767189.23   0.79025   397426.64
3767180.78   0.73406
         397420.54   3767170.46   0.71731   397318.68
3767160.13   1.96003
         397022.98   3767083.62   5.74259   396920.42
3767167.32   1.20556
         396989.95   3767243.54   1.37210   397044.10
3767223.97   2.70418
         397113.57   3767239.93   8.78454   397158.63
3767280.29   8.99881
         397168.95   3767307.05   6.59628   397244.05
3767296.72   7.79967
         397260.95   3767278.88   6.84492   397409.74
3767205.66   0.98343
         397422.89   3767189.23   0.79025   397426.64
3767180.78   0.73406
         397420.54   3767170.46   0.71731   397318.68
3767160.13   1.96003
         397022.98   3767083.62   5.74259

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -

- -
396558.26 3766771.08 0.37381 396598.26
3766771.08 0.45613
396638.26 3766771.08 0.57471 396678.26
3766771.08 0.70039
396718.26 3766771.08 0.84771 396758.26
3766771.08 0.97286
396798.26 3766771.08 1.01496 396838.26
3766771.08 1.06081
396878.26 3766771.08 1.05727 396918.26
3766771.08 0.99795
396958.26 3766771.08 0.88966 396998.26
3766771.08 0.73838
397038.26 3766771.08 0.57771 397078.26
3766771.08 0.43484
397118.26 3766771.08 0.32516 397158.26
3766771.08 0.24764
397198.26 3766771.08 0.20363 397238.26
3766771.08 0.18505
397278.26 3766771.08 0.18079 397318.26
3766771.08 0.18350
397358.26 3766771.08 0.18464 397398.26
3766771.08 0.18314
397438.26 3766771.08 0.17768 397478.26
3766771.08 0.16951
397518.26 3766771.08 0.15989 397558.26
3766771.08 0.15180
397598.26 3766771.08 0.14916 397638.26
3766771.08 0.13768
397678.26 3766771.08 0.12613 397718.26
3766771.08 0.11446
396558.26 3766811.08 0.36600 396598.26
3766811.08 0.44207
396638.26 3766811.08 0.56144 396678.26
3766811.08 0.72373
396718.26 3766811.08 0.86630 396758.26
3766811.08 0.98862
396798.26 3766811.08 1.10660 396838.26
3766811.08 1.21465
396878.26 3766811.08 1.24693 396918.26
3766811.08 1.21803
396958.26 3766811.08 1.11050 396998.26
3766811.08 0.94657
397038.26 3766811.08 0.74506 397078.26
3766811.08 0.55661
397118.26 3766811.08 0.40679 397158.26
3766811.08 0.30374
397198.26 3766811.08 0.24463 397238.26
3766811.08 0.22013
397278.26 3766811.08 0.21232 397318.26

3766811.08   0.21085
         397358.26   3766811.08   0.21101   397398.26
3766811.08   0.20700
         397438.26   3766811.08   0.19878   397478.26
3766811.08   0.18804
         397518.26   3766811.08   0.17634   397558.26
3766811.08   0.16395
         397598.26   3766811.08   0.15468   397638.26
3766811.08   0.14922
         397678.26   3766811.08   0.13729   397718.26
3766811.08   0.12443
         396558.26   3766851.08   0.35143   396598.26
3766851.08   0.42458
         396638.26   3766851.08   0.52702   396678.26
3766851.08   0.67057
         396718.26   3766851.08   0.83102   396758.26
3766851.08   0.99653
         396798.26   3766851.08   1.17722   396838.26
3766851.08   1.33376
         396878.26   3766851.08   1.44824   396918.26
3766851.08   1.46764
         396958.26   3766851.08   1.38467   396998.26
3766851.08   1.20539
         397038.26   3766851.08   0.96726   397078.26
3766851.08   0.72329
         397118.26   3766851.08   0.52355   397158.26
3766851.08   0.38305
         397198.26   3766851.08   0.29855   397238.26
3766851.08   0.26302
         397278.26   3766851.08   0.25352   397318.26
3766851.08   0.24834

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	0.24065	397398.26	3766851.08	0.23443
397438.26	3766851.08	0.22287	397478.26	3766851.08	0.20931
397518.26	3766851.08	0.19489	397558.26	3766851.08	0.18076
397598.26	3766851.08	0.16680	397638.26	3766851.08	0.15482
397678.26	3766851.08	0.14163	397718.26	3766851.08	0.13397
396558.26	3766891.08	0.32794	396598.26	3766891.08	0.40202
396638.26	3766891.08	0.49669	396678.26	3766891.08	0.63269
396718.26	3766891.08	0.79859	396758.26	3766891.08	0.98573
396798.26	3766891.08	1.20434	396838.26	3766891.08	1.42241
396878.26	3766891.08	1.63180	396918.26	3766891.08	1.70968
396958.26	3766891.08	1.69496	396998.26	3766891.08	1.52698
397038.26	3766891.08	1.25813	397078.26	3766891.08	0.97259
397118.26	3766891.08	0.70129	397158.26	3766891.08	0.48637
397198.26	3766891.08	0.37372	397238.26	3766891.08	0.32608
397278.26	3766891.08	0.30491	397318.26	3766891.08	0.29606
397358.26	3766891.08	0.28714	397398.26	3766891.08	0.26982
397438.26	3766891.08	0.25069	397478.26	3766891.08	0.23306
397518.26	3766891.08	0.21550	397558.26	3766891.08	0.19872
397598.26	3766891.08	0.18269	397638.26	3766891.08	0.16726
397678.26	3766891.08	0.15232	397718.26	3766891.08	0.13905
396558.26	3766931.08	0.30517	396598.26		

3766931.08   0.36753
         396638.26   3766931.08   0.46525   396678.26
3766931.08   0.58162
         396718.26   3766931.08   0.73732   396758.26
3766931.08   0.94146
         396798.26   3766931.08   1.17690   396838.26
3766931.08   1.46098
         396878.26   3766931.08   1.72666   396918.26
3766931.08   1.94380
         396958.26   3766931.08   2.02397   396998.26
3766931.08   1.93127
         397038.26   3766931.08   1.67481   397078.26
3766931.08   1.34168
         397118.26   3766931.08   0.98450   397158.26
3766931.08   0.67268
         397198.26   3766931.08   0.49418   397238.26
3766931.08   0.40756
         397278.26   3766931.08   0.37127   397318.26
3766931.08   0.35346
         397358.26   3766931.08   0.34717   397398.26
3766931.08   0.31943
         397438.26   3766931.08   0.28910   397478.26
3766931.08   0.25929
         397518.26   3766931.08   0.23880   397558.26
3766931.08   0.21864
         397598.26   3766931.08   0.19936   397638.26
3766931.08   0.18084
         397678.26   3766931.08   0.16369   397718.26
3766931.08   0.15133
         396558.26   3766971.08   0.28232   396598.26
3766971.08   0.33800
         396638.26   3766971.08   0.41977   396678.26
3766971.08   0.52326
         396718.26   3766971.08   0.66601   396758.26
3766971.08   0.84694
         396798.26   3766971.08   1.09740   396838.26
3766971.08   1.40544
         396878.26   3766971.08   1.76955   396918.26
3766971.08   2.13252

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02

```
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08        2.39082                      396998.26
3766971.08        2.44634
         397038.26    3766971.08        2.27262                      397078.26
3766971.08        1.95239
         397118.26    3766971.08        1.65564                      397158.26
3766971.08        1.23812
         397198.26    3766971.08        0.76211                      397238.26
3766971.08        0.54980
         397278.26    3766971.08        0.46474                      397318.26
3766971.08        0.43512
         397358.26    3766971.08        0.40651                      397398.26
3766971.08        0.37536
         397438.26    3766971.08        0.34094                      397478.26
3766971.08        0.30022
         397518.26    3766971.08        0.26674                      397558.26
3766971.08        0.23930
         397598.26    3766971.08        0.21564                      397638.26
3766971.08        0.19424
         397678.26    3766971.08        0.17602                      397718.26
3766971.08        0.16759
         396558.26    3767011.08        0.25844                      396598.26
3767011.08        0.30758
         396638.26    3767011.08        0.37740                      396678.26
3767011.08        0.46834
         396718.26    3767011.08        0.58417                      396758.26
3767011.08        0.74913
         396798.26    3767011.08        0.96573                      396838.26
3767011.08        1.28273
         396878.26    3767011.08        1.70253                      396918.26
3767011.08        2.21545
         396958.26    3767011.08        2.69233                      396998.26
3767011.08        3.01863
         397038.26    3767011.08        3.26792                      397078.26
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3767011.08        3.46401
         397118.26    3767011.08        2.77680                     397158.26
3767011.08        1.86098
         397198.26    3767011.08        1.17064                     397238.26
3767011.08        0.80760
         397278.26    3767011.08        0.62843                     397318.26
3767011.08        0.54400
         397358.26    3767011.08        0.48534                     397398.26
3767011.08        0.42462
         397438.26    3767011.08        0.39268                     397478.26
3767011.08        0.34429
         397518.26    3767011.08        0.30396                     397558.26
3767011.08        0.26920
         397598.26    3767011.08        0.23954                     397638.26
3767011.08        0.21463
         397678.26    3767011.08        0.19818                     397718.26
3767011.08        0.17649
         396558.26    3767051.08        0.24016                     396598.26
3767051.08        0.28348
         396638.26    3767051.08        0.33878                     396678.26
3767051.08        0.41400
         396718.26    3767051.08        0.51574                     396758.26
3767051.08        0.64558
         396798.26    3767051.08        0.82771                     396838.26
3767051.08        1.10255
         396878.26    3767051.08        1.52155                     396918.26
3767051.08        2.16386
         396958.26    3767051.08        2.94009                     396998.26
3767051.08        4.11830
         397038.26    3767051.08        5.15144                     397078.26
3767051.08        4.24246
         397118.26    3767051.08        3.42623                     397158.26
3767051.08        2.37533
         397198.26    3767051.08        1.53088                     397238.26
3767051.08        1.02594
         397278.26    3767051.08        0.83964                     397318.26
3767051.08        0.73340
         397358.26    3767051.08        0.58853                     397398.26
3767051.08        0.49372
         397438.26    3767051.08        0.43505                     397478.26
3767051.08        0.39119
         397518.26    3767051.08        0.33831                     397558.26
3767051.08        0.29918
         397598.26    3767051.08        0.26200                     397638.26
3767051.08        0.23019
         397678.26    3767051.08        0.20675                     397718.26
3767051.08        0.18608
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	0.22578	396598.26	3767091.08	0.26615
396638.26	3767091.08	0.31071	396678.26	3767091.08	0.36831
396718.26	3767091.08	0.45079	396758.26	3767091.08	0.55754
396798.26	3767091.08	0.70401	396838.26	3767091.08	0.91822
396878.26	3767091.08	1.26162	396918.26	3767091.08	1.84758
396958.26	3767091.08	3.10977	396998.26	3767091.08	6.03237
397078.26	3767091.08	5.42884	397118.26	3767091.08	4.96391
397158.26	3767091.08	3.78998	397198.26	3767091.08	2.40815
397238.26	3767091.08	1.49946	397278.26	3767091.08	1.13377
397318.26	3767091.08	1.03178	397358.26	3767091.08	0.72414
397398.26	3767091.08	0.58016	397438.26	3767091.08	0.49132
397478.26	3767091.08	0.41892	397518.26	3767091.08	0.36675
397558.26	3767091.08	0.31839	397598.26		

3767091.08 0.28142
397638.26 3767091.08 0.25006 397678.26
3767091.08 0.21791
397718.26 3767091.08 0.19499 396558.26
3767131.08 0.21793
396598.26 3767131.08 0.25158 396638.26
3767131.08 0.29400
396678.26 3767131.08 0.33635 396718.26
3767131.08 0.39958
396758.26 3767131.08 0.48603 396798.26
3767131.08 0.60578
396838.26 3767131.08 0.76741 396878.26
3767131.08 1.02545
396918.26 3767131.08 1.41278 396958.26
3767131.08 2.62161
397238.26 3767131.08 2.93721 397278.26
3767131.08 1.85629
397318.26 3767131.08 1.39911 397358.26
3767131.08 0.97126
397398.26 3767131.08 0.66946 397438.26
3767131.08 0.55501
397478.26 3767131.08 0.46348 397518.26
3767131.08 0.39553
397558.26 3767131.08 0.34473 397598.26
3767131.08 0.29922
397638.26 3767131.08 0.26918 397678.26
3767131.08 0.23557
397718.26 3767131.08 0.20911 396558.26
3767171.08 0.21572
396598.26 3767171.08 0.24483 396638.26
3767171.08 0.27957
396678.26 3767171.08 0.32291 396718.26
3767171.08 0.36382
396758.26 3767171.08 0.43326 396798.26
3767171.08 0.52779
396838.26 3767171.08 0.66099 396878.26
3767171.08 0.86174
396918.26 3767171.08 1.16718 397438.26
3767171.08 0.65618
397478.26 3767171.08 0.54478 397518.26
3767171.08 0.46123
397558.26 3767171.08 0.39644 397598.26
3767171.08 0.34358
397638.26 3767171.08 0.29946 397678.26
3767171.08 0.26099
397718.26 3767171.08 0.22886 396558.26
3767211.08 0.21272
396598.26 3767211.08 0.24260 396638.26
3767211.08 0.27295
396678.26 3767211.08 0.31521 396718.26

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.96113	396958.26	3767211.08	1.26678
397438.26	3767211.08	0.84256	397478.26	3767211.08	0.67179
397518.26	3767211.08	0.56012	397558.26	3767211.08	0.47394
397598.26	3767211.08	0.40521	397638.26	3767211.08	0.34668
397678.26	3767211.08	0.29712	397718.26	3767211.08	0.25676
396558.26	3767251.08	0.21361	396598.26	3767251.08	0.23929
396638.26	3767251.08	0.27214	396678.26	3767251.08	0.30857
396718.26	3767251.08	0.34873	396758.26	3767251.08	0.38002
396798.26	3767251.08	0.44203	396838.26		

3767251.08 0.52907
396878.26 3767251.08 0.65267 396918.26 3767251.08 0.85560
396958.26 3767251.08 1.03688 396998.26 3767251.08 1.38555
397038.26 3767251.08 1.82873 397078.26 3767251.08 3.22575
397118.26 3767251.08 7.72014 397318.26 3767251.08 3.71949
397358.26 3767251.08 2.30326 397398.26 3767251.08 1.58818
397438.26 3767251.08 1.19197 397478.26 3767251.08 0.91089
397518.26 3767251.08 0.72663 397558.26 3767251.08 0.59161
397598.26 3767251.08 0.49259 397638.26 3767251.08 0.41453
397678.26 3767251.08 0.34967 397718.26 3767251.08 0.29655
396558.26 3767291.08 0.20686 396598.26 3767291.08 0.23482
396638.26 3767291.08 0.26726 396678.26 3767291.08 0.30532
396718.26 3767291.08 0.35262 396758.26 3767291.08 0.36713
396798.26 3767291.08 0.41906 396838.26 3767291.08 0.49283
396878.26 3767291.08 0.63801 396918.26 3767291.08 0.74731
396958.26 3767291.08 0.91371 396998.26 3767291.08 1.22548
397038.26 3767291.08 2.31731 397078.26 3767291.08 3.71330
397118.26 3767291.08 4.29258 397158.26 3767291.08 7.25732
397278.26 3767291.08 5.50076 397318.26 3767291.08 4.81857
397358.26 3767291.08 2.98005 397398.26 3767291.08 2.23957
397438.26 3767291.08 1.65888 397478.26 3767291.08 1.24081
397518.26 3767291.08 0.95774 397558.26 3767291.08 0.76951
397598.26 3767291.08 0.62507 397638.26 3767291.08 0.50694
397678.26 3767291.08 0.41984 397718.26 3767291.08 0.35155
396558.26 3767331.08 0.20322 396598.26 3767331.08 0.22861
396638.26 3767331.08 0.25615 396678.26

3767331.08   0.29121
         396718.26   3767331.08   0.33470   396758.26
3767331.08   0.36825
         396798.26   3767331.08   0.40476   396838.26
3767331.08   0.46841
         396878.26   3767331.08   0.59483   396918.26
3767331.08   0.68249
         396958.26   3767331.08   0.82010   396998.26
3767331.08   1.07730
         397038.26   3767331.08   1.78355   397078.26
3767331.08   3.29833
         397118.26   3767331.08   4.70045   397158.26
3767331.08   5.93876

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   6.44728   397238.26
3767331.08   6.55521
         397278.26   3767331.08   5.89825   397318.26
3767331.08   4.34688
         397358.26   3767331.08   3.43035   397398.26
3767331.08   2.76297
         397438.26   3767331.08   2.08411   397478.26
3767331.08   1.57705
         397518.26   3767331.08   1.22855   397558.26

3767331.08 0.97886
397598.26 3767331.08 0.78378 397638.26 3767331.08 0.63273
397678.26 3767331.08 0.50920 397718.26 3767331.08 0.41810
396558.26 3767371.08 0.19874 396598.26 3767371.08 0.22061
396638.26 3767371.08 0.24751 396678.26 3767371.08 0.28048
396718.26 3767371.08 0.32298 396758.26 3767371.08 0.35816
396798.26 3767371.08 0.38902 396838.26 3767371.08 0.44311
396878.26 3767371.08 0.54584 396918.26 3767371.08 0.62957
396958.26 3767371.08 0.74551 396998.26 3767371.08 0.96512
397038.26 3767371.08 1.41244 397078.26 3767371.08 2.35928
397118.26 3767371.08 3.28667 397158.26 3767371.08 4.28108
397198.26 3767371.08 4.77214 397238.26 3767371.08 4.75100
397278.26 3767371.08 4.45102 397318.26 3767371.08 3.99105
397358.26 3767371.08 3.39679 397398.26 3767371.08 2.90862
397438.26 3767371.08 2.30259 397478.26 3767371.08 1.81774
397518.26 3767371.08 1.44216 397558.26 3767371.08 1.16045
397598.26 3767371.08 0.93361 397638.26 3767371.08 0.75711
397678.26 3767371.08 0.61487 397718.26 3767371.08 0.49355
396558.26 3767411.08 0.19292 396598.26 3767411.08 0.21335
396638.26 3767411.08 0.23927 396678.26 3767411.08 0.27194
396718.26 3767411.08 0.31101 396758.26 3767411.08 0.34661
396798.26 3767411.08 0.37334 396838.26 3767411.08 0.42082
396878.26 3767411.08 0.50492 396918.26 3767411.08 0.57403
396958.26 3767411.08 0.67005 396998.26 3767411.08 0.85969
397038.26 3767411.08 1.24886 397078.26 3767411.08 1.88382
397118.26 3767411.08 2.52130 397158.26

```
3767411.08        3.07628
         397198.26    3767411.08        3.46155                      397238.26
3767411.08        3.67307
         397278.26    3767411.08        3.64948                      397318.26
3767411.08        3.43972
         397358.26    3767411.08        3.07728                      397398.26
3767411.08        2.74365
         397438.26    3767411.08        2.33584                      397478.26
3767411.08        1.93150
         397518.26    3767411.08        1.58207                      397558.26
3767411.08        1.29883
         397598.26    3767411.08        1.05500                      397638.26
3767411.08        0.86220
         397678.26    3767411.08        0.70879                      397718.26
3767411.08        0.57601
         396558.26    3767451.08        0.18674                      396598.26
3767451.08        0.20671
         396638.26    3767451.08        0.23060                      396678.26
3767451.08        0.25998
         396718.26    3767451.08        0.29314                      396758.26
3767451.08        0.33190
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  34
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08        0.35205                      396838.26
```

3767451.08 0.39920
396878.26 3767451.08 0.46618 396918.26
3767451.08 0.52311
396958.26 3767451.08 0.60306 396998.26
3767451.08 0.74951
397038.26 3767451.08 1.03373 397078.26
3767451.08 1.46765
397118.26 3767451.08 1.96994 397158.26
3767451.08 2.43024
397198.26 3767451.08 2.73845 397238.26
3767451.08 2.93878
397278.26 3767451.08 2.99030 397318.26
3767451.08 2.89817
397358.26 3767451.08 2.71830 397398.26
3767451.08 2.49849
397438.26 3767451.08 2.23416 397478.26
3767451.08 1.92554
397518.26 3767451.08 1.63565 397558.26
3767451.08 1.37438
397598.26 3767451.08 1.13527 397638.26
3767451.08 0.93950
397678.26 3767451.08 0.77927 397718.26
3767451.08 0.64397
396558.26 3767491.08 0.18073 396598.26
3767491.08 0.19905
396638.26 3767491.08 0.22128 396678.26
3767491.08 0.24628
396718.26 3767491.08 0.27356 396758.26
3767491.08 0.30768
396798.26 3767491.08 0.32983 396838.26
3767491.08 0.36829
396878.26 3767491.08 0.42320 396918.26
3767491.08 0.47407
396958.26 3767491.08 0.54375 396998.26
3767491.08 0.66180
397038.26 3767491.08 0.87330 397078.26
3767491.08 1.21296
397118.26 3767491.08 1.58892 397158.26
3767491.08 1.93823
397198.26 3767491.08 2.21503 397238.26
3767491.08 2.39431
397278.26 3767491.08 2.47938 397318.26
3767491.08 2.45671
397358.26 3767491.08 2.35127 397398.26
3767491.08 2.21821
397438.26 3767491.08 2.04896 397478.26
3767491.08 1.83649
397518.26 3767491.08 1.61217 397558.26
3767491.08 1.38566
397598.26 3767491.08 1.16830 397638.26

```
3767491.08        0.98658
         397678.26    3767491.08        0.82602                        397718.26
3767491.08        0.69116
         396558.26    3767531.08        0.17522                        396598.26
3767531.08        0.19277
         396638.26    3767531.08        0.21488                        396678.26
3767531.08        0.23894
         396718.26    3767531.08        0.25966                        396758.26
3767531.08        0.29144
         396798.26    3767531.08        0.30914                        396838.26
3767531.08        0.34442
         396878.26    3767531.08        0.39148                        396918.26
3767531.08        0.43453
         396958.26    3767531.08        0.49498                        396998.26
3767531.08        0.59392
         397038.26    3767531.08        0.77049                        397078.26
3767531.08        1.01865
         397118.26    3767531.08        1.31628                        397158.26
3767531.08        1.62682
         397198.26    3767531.08        1.85815                        397238.26
3767531.08        2.01415
         397278.26    3767531.08        2.09336                        397318.26
3767531.08        2.10485
         397358.26    3767531.08        2.04813                        397398.26
3767531.08        1.94555
         397438.26    3767531.08        1.86584                        397478.26
3767531.08        1.72194
         397518.26    3767531.08        1.53801                        397558.26
3767531.08        1.34967
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  35
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	1.16088	397638.26	3767531.08	0.99835
397678.26	3767531.08	0.85294	397718.26	3767531.08	0.72443
397320.82	3767219.11	3.93122	397330.82	3767209.11	3.48995
397340.82	3767189.11	2.55506	397340.82	3767199.11	2.87609
397340.82	3767209.11	3.22001	397350.82	3767189.11	2.24219
397350.82	3767199.11	2.48763	397360.82	3767189.11	1.74557
397360.82	3767199.11	1.92279	397370.82	3767189.11	1.33031
397380.82	3767189.11	1.09269	396934.73	3767169.52	1.31978
397014.53	3767229.60	1.70843	397044.10	3767223.97	2.70418
397113.57	3767239.93	8.78454	397158.63	3767280.29	8.99881
397168.95	3767307.05	6.59628	397244.05	3767296.72	7.79967
397260.95	3767278.88	6.84492	397409.74	3767205.66	0.98343
397422.89	3767189.23	0.79025	397426.64	3767180.78	0.73406
397420.54	3767170.46	0.71731	397318.68	3767160.13	1.96003
397022.98	3767083.62	5.74259	396920.42	3767167.32	1.20556
396989.95	3767243.54	1.37210	397044.10	3767223.97	2.70418
397113.57	3767239.93	8.78454	397158.63	3767280.29	8.99881
397168.95	3767307.05	6.59628	397244.05	3767296.72	7.79967
397260.95	3767278.88	6.84492	397409.74	3767205.66	0.98343
397422.89	3767189.23	0.79025	397426.64	3767180.78	0.73406
397420.54	3767170.46	0.71731	397318.68	3767160.13	1.96003
397022.98	3767083.62	5.74259			

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	5.04405	(15101024)	396598.26	3766771.08	5.73082	(15101001)
396638.26	3766771.08	6.87820	(16110922)	396678.26	3766771.08	8.45784	(15102003)
396718.26	3766771.08	10.21700	(15102003)	396758.26	3766771.08	11.48367	(16092622)
396798.26	3766771.08	11.58390	(15010618)	396838.26	3766771.08	13.37082	(16110921)
396878.26	3766771.08	14.11861	(12092302)	396918.26	3766771.08	15.11348	(15091204)
396958.26	3766771.08	16.74318	(15091204)	396998.26	3766771.08	16.90396	(16070705)
397038.26	3766771.08	17.72464	(16070504)	397078.26	3766771.08	17.98317	(16080505)
397118.26	3766771.08	17.95571	(16070704)	397158.26	3766771.08	17.39545	(16091205)
397198.26	3766771.08	16.57641	(12123022)	397238.26	3766771.08	15.19743	(12123022)
397278.26	3766771.08	15.23889	(15012701)	397318.26	3766771.08	15.52371	(10081705)
397358.26	3766771.08	15.57362	(10121219)	397398.26			

3766771.08 15.02495 (11071504)
397438.26 3766771.08 15.19369 (12120423) 397478.26
3766771.08 14.68449 (11070605)
397518.26 3766771.08 13.61114 (10111523) 397558.26
3766771.08 13.13789 (16122418)
397598.26 3766771.08 12.86161 (16122418) 397638.26
3766771.08 11.48812 (10060405)
397678.26 3766771.08 10.03640 (12112804) 397718.26
3766771.08 8.84079 (12090502)
396558.26 3766811.08 5.32199 (15101006) 396598.26
3766811.08 6.23130 (15101006)
396638.26 3766811.08 7.36293 (15101024) 396678.26
3766811.08 8.92341 (16110922)
396718.26 3766811.08 10.43253 (15102003) 396758.26
3766811.08 11.60307 (15102003)
396798.26 3766811.08 12.54197 (16092622) 396838.26
3766811.08 13.78373 (16110921)
396878.26 3766811.08 15.54574 (16110921) 396918.26
3766811.08 16.26004 (16100724)
396958.26 3766811.08 18.07572 (15091204) 396998.26
3766811.08 18.70889 (16091902)
397038.26 3766811.08 19.19423 (12120623) 397078.26
3766811.08 19.63470 (16080505)
397118.26 3766811.08 19.79805 (16102321) 397158.26
3766811.08 19.28323 (16091205)
397198.26 3766811.08 18.48717 (12123022) 397238.26
3766811.08 16.68109 (12123022)
397278.26 3766811.08 16.31692 (15012701) 397318.26
3766811.08 16.70677 (10081705)
397358.26 3766811.08 16.45069 (11011421) 397398.26
3766811.08 16.90712 (12120423)
397438.26 3766811.08 16.58848 (11070605) 397478.26
3766811.08 15.61334 (11102624)
397518.26 3766811.08 14.79840 (16122418) 397558.26
3766811.08 13.41613 (16122418)
397598.26 3766811.08 12.60731 (10060405) 397638.26
3766811.08 12.32488 (12090502)
397678.26 3766811.08 11.17740 (12090502) 397718.26
3766811.08 9.58282 (12092703)
396558.26 3766851.08 5.24546 (15102023) 396598.26
3766851.08 6.34665 (15101006)
396638.26 3766851.08 7.65944 (15101006) 396678.26
3766851.08 8.98254 (15101024)
396718.26 3766851.08 10.20226 (15101001) 396758.26
3766851.08 11.56068 (15102003)
396798.26 3766851.08 13.38778 (15102003) 396838.26
3766851.08 14.62452 (16092622)
396878.26 3766851.08 16.38921 (16110921) 396918.26
3766851.08 17.93346 (16110921)
396958.26 3766851.08 18.77375 (15091204) 396998.26

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                 INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       397358.26   3766851.08   18.11508 (12120423)   397398.26
 3766851.08   18.33223 (11070605)
       397438.26   3766851.08   17.52806 (11070605)   397478.26
 3766851.08   16.81007 (16122418)
       397518.26   3766851.08   15.46908 (16122418)   397558.26
 3766851.08   14.35595 (11033105)
       397598.26   3766851.08   13.38368 (12090502)   397638.26
 3766851.08   12.33496 (12092703)
       397678.26   3766851.08   10.71061 (12092703)   397718.26
 3766851.08   9.66279 (11092505)
       396558.26   3766891.08   5.66772 (15031501)   396598.26
 3766891.08   6.34542 (11050324)
       396638.26   3766891.08   7.42452 (15101006)   396678.26

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3766891.08        9.37229  (15101006)
       396718.26   3766891.08       10.82332  (15101006)                396758.26
3766891.08       11.94693  (15101001)
       396798.26   3766891.08       13.49020  (15102003)                396838.26
3766891.08       15.59752  (15102003)
       396878.26   3766891.08       17.13434  (16092622)                396918.26
3766891.08       19.03630  (16110921)
       396958.26   3766891.08       20.20710  (12092302)                396998.26
3766891.08       21.87803  (15091204)
       397038.26   3766891.08       22.28918  (16091902)                397078.26
3766891.08       23.53373  (16070504)
       397118.26   3766891.08       24.20248  (16092906)                397158.26
3766891.08       22.72460  (16091205)
       397198.26   3766891.08       22.54514  (12123022)                397238.26
3766891.08       20.16390  (15012701)
       397278.26   3766891.08       20.56004  (10081705)                397318.26
3766891.08       20.67956  (12120423)
       397358.26   3766891.08       21.04101  (12120423)                397398.26
3766891.08       19.98116  (11070605)
       397438.26   3766891.08       18.74053  (16122418)                397478.26
3766891.08       17.49782  (15052704)
       397518.26   3766891.08       16.49410  (11033105)                397558.26
3766891.08       15.62586  (12090502)
       397598.26   3766891.08       14.21577  (12092703)                397638.26
3766891.08       12.29484  (12092703)
       397678.26   3766891.08       10.94497  (10071205)                397718.26
3766891.08        9.84564  (10060604)
       396558.26   3766931.08        5.93036  (15012421)                396598.26
3766931.08        6.81518  (15012421)
       396638.26   3766931.08        7.89249  (15031501)                396678.26
3766931.08        8.85799  (11050324)
       396718.26   3766931.08       10.83943  (15101006)                396758.26
3766931.08       12.78817  (15101006)
       396798.26   3766931.08       14.25454  (15101024)                396838.26
3766931.08       15.69134  (15102003)
       396878.26   3766931.08       18.01610  (15092103)                396918.26
3766931.08       19.30796  (16092622)
       396958.26   3766931.08       21.84214  (16110921)                396998.26
3766931.08       22.59079  (16100724)
       397038.26   3766931.08       24.73150  (15091204)                397078.26
3766931.08       26.31992  (12120623)
       397118.26   3766931.08       27.60111  (16092906)                397158.26
3766931.08       26.42772  (16091205)
       397198.26   3766931.08       26.11310  (12123022)                397238.26
3766931.08       23.11620  (10081705)
       397278.26   3766931.08       22.62794  (10121219)                397318.26
3766931.08       23.58970  (12120423)
       397358.26   3766931.08       24.56378  (11070605)                397398.26
3766931.08       22.64679  (16122418)
       397438.26   3766931.08       20.47215  (15052704)                397478.26
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 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396958.26   3766971.08   22.51705 (16110921)   396998.26
3766971.08   25.33485 (16110921)
       397038.26   3766971.08   28.08524 (15091204)   397078.26
3766971.08   29.58615 (12120623)
       397118.26   3766971.08   31.73090 (16080505)   397158.26

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3766971.08       31.46227  (16091205)
       397198.26   3766971.08       29.78202  (12123022)                397238.26
3766971.08       27.62124  (10081705)
       397278.26   3766971.08       27.32379  (12120423)                397318.26
3766971.08       27.20574  (11070605)
       397358.26   3766971.08       26.63546  (16122418)                397398.26
3766971.08       25.38851  (10060405)
       397438.26   3766971.08       23.79398  (12090502)                397478.26
3766971.08       21.11605  (12092703)
       397518.26   3766971.08       18.07587  (12092703)                397558.26
3766971.08       16.49318  (10060604)
       397598.26   3766971.08       15.15973  (11062005)                397638.26
3766971.08       13.65441  (10011407)
       397678.26   3766971.08       12.13848  (10011407)                397718.26
3766971.08       11.33970  (10011407)
       396558.26   3767011.08        5.65947  (12081802)                396598.26
3767011.08        6.36219  (12081802)
       396638.26   3767011.08        7.28092  (15012421)                396678.26
3767011.08        8.94963  (15012421)
       396718.26   3767011.08       10.71053  (15012421)                396758.26
3767011.08       12.51808  (15012421)
       396798.26   3767011.08       14.00704  (15031501)                396838.26
3767011.08       16.54615  (15101006)
       396878.26   3767011.08       19.34001  (15101006)                396918.26
3767011.08       21.04742  (15101001)
       396958.26   3767011.08       24.57717  (15092103)                396998.26
3767011.08       27.61624  (16110921)
       397038.26   3767011.08       30.35588  (15091204)                397078.26
3767011.08       36.82739  (16110921)
       397118.26   3767011.08       41.67633  (15091204)                397158.26
3767011.08       43.76214  (16092906)
       397198.26   3767011.08       43.86942  (16070704)                397238.26
3767011.08       38.43293  (12012103)
       397278.26   3767011.08       31.85715  (11070605)                397318.26
3767011.08       30.78731  (10111523)
       397358.26   3767011.08       28.94733  (10060405)                397398.26
3767011.08       26.89472  (12090502)
       397438.26   3767011.08       25.67206  (12092703)                397478.26
3767011.08       22.45577  (12061801)
       397518.26   3767011.08       20.42899  (11062005)                397558.26
3767011.08       18.35958  (10011407)
       397598.26   3767011.08       16.16702  (10011407)                397638.26
3767011.08       14.15065  (12072502)
       397678.26   3767011.08       13.58585  (15071921)                397718.26
3767011.08       12.06122  (15071921)
       396558.26   3767051.08        5.79463  (10080803)                396598.26
3767051.08        6.57885  (15102805)
       396638.26   3767051.08        7.49120  (12081802)                396678.26
3767051.08        8.72216  (12081802)
       396718.26   3767051.08        9.98450  (12081802)                396758.26
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 3767051.08       11.46706  (15012421)
       396798.26   3767051.08       13.88692  (15012421)                396838.26
 3767051.08       16.29173  (15012421)
       396878.26   3767051.08       18.37233  (15101006)                396918.26
 3767051.08       22.89283  (15101006)
       396958.26   3767051.08       26.02217  (15101024)                396998.26
 3767051.08       33.84147  (16092622)
       397038.26   3767051.08       55.57871  (15102501)                397078.26
 3767051.08       47.25802  (16070503)
       397118.26   3767051.08       47.44069  (12120623)                397158.26
 3767051.08       49.38832  (16070503)
       397198.26   3767051.08       47.33132  (12101501)                397238.26
 3767051.08       47.17284  (16122901)
       397278.26   3767051.08       44.78510  (12092703)                397318.26
 3767051.08       34.35489  (12082824)
       397358.26   3767051.08       32.38351  (12090502)                397398.26
 3767051.08       27.86229  (12092703)
       397438.26   3767051.08       26.32333  (11062005)                397478.26
 3767051.08       24.37271  (11062005)
       397518.26   3767051.08       21.17748  (10011407)                397558.26
 3767051.08       19.19574  (15071921)
       397598.26   3767051.08       17.27213  (15071921)                397638.26
 3767051.08       15.30568  (12092105)
       397678.26   3767051.08       13.97318  (12082324)                397718.26
 3767051.08       12.45747  (12082324)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  39
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
- -
- -

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        396558.26   3767091.08        6.07298  (11082104)                396598.26
 3767091.08        7.04198  (11082104)
        396638.26   3767091.08        7.78997  (11082104)                396678.26
 3767091.08        8.65261  (12060905)
        396718.26   3767091.08        9.83541  (11102024)                396758.26
 3767091.08       11.21530  (12081802)
        396798.26   3767091.08       12.99025  (12081802)                396838.26
 3767091.08       14.86922  (12081802)
        396878.26   3767091.08       18.11835  (15012421)                396918.26
 3767091.08       21.87960  (15012421)
        396958.26   3767091.08       26.84058  (15101006)                396998.26
 3767091.08       52.32557  (12021618)
        397078.26   3767091.08       40.89170  (15091204)                397118.26
 3767091.08       44.38068  (16070503)
        397158.26   3767091.08       48.56645  (16070503)                397198.26
 3767091.08       47.01213  (11071504)
        397238.26   3767091.08       47.42303  (16122418)                397278.26
 3767091.08       49.82611  (16122418)
        397318.26   3767091.08       53.53637  (12102521)                397358.26
 3767091.08       34.08757  (16022402)
        397398.26   3767091.08       30.44365  (10011407)                397438.26
 3767091.08       26.50434  (15071921)
        397478.26   3767091.08       24.16350  (15071921)                397518.26
 3767091.08       22.24559  (12082324)
        397558.26   3767091.08       20.11186  (12082324)                397598.26
 3767091.08       18.04956  (12082324)
        397638.26   3767091.08       15.63499  (12082324)                397678.26
 3767091.08       13.23021  (12082324)
        397718.26   3767091.08       11.62659  (12091206)                396558.26
 3767131.08        6.49055  (11052804)
        396598.26   3767131.08        7.36712  (11052804)                396638.26
 3767131.08        8.33023  (12100601)
        396678.26   3767131.08        8.98953  (11072303)                396718.26
 3767131.08       10.04247  (10111118)
        396758.26   3767131.08       11.35570  (10111118)                396798.26
 3767131.08       12.85016  (11082104)
        396838.26   3767131.08       14.48400  (11082104)                396878.26
 3767131.08       16.70846  (11102024)
        396918.26   3767131.08       19.92760  (12081802)                396958.26
 3767131.08       32.65140  (15101006)
        397238.26   3767131.08       49.12630  (16122418)                397278.26
 3767131.08       53.39933  (12092703)
        397318.26   3767131.08       64.46500  (12090502)                397358.26
 3767131.08       40.96708  (15071921)
        397398.26   3767131.08       31.51206  (12082324)                397438.26
 3767131.08       28.00946  (12082324)
        397478.26   3767131.08       24.13673  (12082324)                397518.26
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 3767131.08       20.82641  (12082324)
       397558.26   3767131.08       18.89221  (15112119)                397598.26
 3767131.08       17.01648  (15112119)
       397638.26   3767131.08       15.46868  (15112119)                397678.26
 3767131.08       13.48262  (15112119)
       397718.26   3767131.08       11.89515  (12070604)                396558.26
 3767171.08        7.15626  (15101022)
       396598.26   3767171.08        8.11875  (15101022)                396638.26
 3767171.08        9.11523  (15101022)
       396678.26   3767171.08       10.24197  (15101022)                396718.26
 3767171.08       10.78147  (15101022)
       396758.26   3767171.08       12.16339  (15101022)                396798.26
 3767171.08       13.81143  (15101022)
       396838.26   3767171.08       15.84852  (15101022)                396878.26
 3767171.08       18.71494  (10110221)
       396918.26   3767171.08       22.45141  (11052804)                397438.26
 3767171.08       26.97407  (12070604)
       397478.26   3767171.08       23.77223  (12070604)                397518.26
 3767171.08       21.27497  (12070604)
       397558.26   3767171.08       19.04052  (12070604)                397598.26
 3767171.08       16.96128  (12070604)
       397638.26   3767171.08       14.98073  (12070604)                397678.26
 3767171.08       13.11795  (12070604)
       397718.26   3767171.08       11.40529  (12070604)                396558.26
 3767211.08        7.29437  (15021118)
       396598.26   3767211.08        8.43061  (15021118)                396638.26
 3767211.08        9.37868  (15021118)
       396678.26   3767211.08       10.72451  (15021118)                396718.26
 3767211.08       11.11266  (15021118)
       396758.26   3767211.08       12.12828  (15021118)                396798.26
 3767211.08       13.69701  (15021118)
       396838.26   3767211.08       16.31054  (15021118)                396878.26
 3767211.08       19.14760  (12091823)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                  PAGE  40
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	23.50289	(12091823)	396958.26	3767211.08	28.68711	(12091823)
397438.26	3767211.08	23.18609	(15042323)	397478.26	3767211.08	20.49104	(11052721)
397518.26	3767211.08	18.82236	(11052721)	397558.26	3767211.08	17.12522	(16022418)
397598.26	3767211.08	15.44959	(16022418)	397638.26	3767211.08	13.79051	(16022418)
397678.26	3767211.08	12.22193	(16022418)	397718.26	3767211.08	10.76272	(16022418)
396558.26	3767251.08	7.74172	(12091823)	396598.26	3767251.08	8.78388	(12091823)
396638.26	3767251.08	10.03920	(12091823)	396678.26	3767251.08	11.22867	(12091823)
396718.26	3767251.08	12.28037	(12091823)	396758.26	3767251.08	12.43885	(15061702)
396798.26	3767251.08	13.91462	(12101923)	396838.26	3767251.08	15.92698	(12101923)
396878.26	3767251.08	18.68643	(10063002)	396918.26	3767251.08	23.89522	(10110120)
396958.26	3767251.08	26.02833	(12010420)	396998.26	3767251.08	36.33227	(12010420)
397038.26	3767251.08	22.59895	(15021118)	397078.26	3767251.08	20.08590	(16020818)
397118.26	3767251.08	30.51626	(10092411)	397318.26	3767251.08	40.27928	(12081805)
397358.26	3767251.08	26.86309	(15042323)	397398.26	3767251.08	22.17215	(11061802)
397438.26	3767251.08	19.63793	(15042323)	397478.26	3767251.08	17.62082	(15042323)
397518.26	3767251.08	16.39958	(15042323)	397558.26	3767251.08	15.22295	(15042323)
397598.26	3767251.08	14.06965	(15042323)	397638.26	3767251.08	12.77231	(15042323)
397678.26	3767251.08	11.45554	(15042323)	397718.26	3767251.08	10.18311	(15042323)
396558.26	3767291.08	7.63286	(12101923)	396598.26	3767291.08	8.90179	(12101923)
396638.26	3767291.08	10.16326	(10063002)	396678.26			

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 3767291.08       11.54983  (10110120)
       396718.26   3767291.08       13.07347  (10110120)                396758.26
 3767291.08       12.49283  (12010420)
       396798.26   3767291.08       13.58955  (12111723)                396838.26
 3767291.08       15.27683  (12111819)
       396878.26   3767291.08       19.34319  (15072005)                396918.26
 3767291.08       20.96499  (15072005)
       396958.26   3767291.08       23.04813  (12101924)                396998.26
 3767291.08       26.02179  (12111819)
       397038.26   3767291.08       35.71230  (16020818)                397078.26
 3767291.08       21.80966  (11071203)
       397118.26   3767291.08       23.11394  (11092810)                397158.26
 3767291.08       27.71582  (16060310)
       397278.26   3767291.08       36.92764  (10082321)                397318.26
 3767291.08       31.66702  (10082321)
       397358.26   3767291.08       23.24079  (12090419)                397398.26
 3767291.08       21.43714  (11101218)
       397438.26   3767291.08       18.77938  (15072923)                397478.26
 3767291.08       16.52299  (10121806)
       397518.26   3767291.08       14.87649  (10121806)                397558.26
 3767291.08       13.67991  (10121806)
       397598.26   3767291.08       12.41933  (11061802)                397638.26
 3767291.08       11.28556  (11061802)
       397678.26   3767291.08       10.34028  (12072305)                397718.26
 3767291.08        9.14068  (16081922)
       396558.26   3767331.08        7.30936  (10110120)                396598.26
 3767331.08        8.24853  (12010420)
       396638.26   3767331.08        9.36247  (12111723)                396678.26
 3767331.08       10.88672  (12111819)
       396718.26   3767331.08       12.24464  (12111819)                396758.26
 3767331.08       12.76321  (15072005)
       396798.26   3767331.08       13.24105  (15072005)                396838.26
 3767331.08       14.54950  (12101924)
       396878.26   3767331.08       18.58228  (15060920)                396918.26
 3767331.08       19.34839  (15060920)
       396958.26   3767331.08       19.20122  (15060920)                396998.26
 3767331.08       19.72327  (10110320)
       397038.26   3767331.08       22.39115  (15031320)                397078.26
 3767331.08       26.46482  (10110802)
       397118.26   3767331.08       25.97110  (16092206)                397158.26
 3767331.08       29.37840  (15072203)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  41
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	33.02685	(12102718)	397238.26	3767331.08	36.36425	(16081502)
397278.26	3767331.08	33.78966	(15101018)	397318.26	3767331.08	24.06390	(16072621)
397358.26	3767331.08	21.68934	(10082321)	397398.26	3767331.08	21.29027	(10071521)
397438.26	3767331.08	18.73862	(12090419)	397478.26	3767331.08	16.09714	(15101621)
397518.26	3767331.08	14.32295	(16072622)	397558.26	3767331.08	12.81004	(15072923)
397598.26	3767331.08	11.62115	(10121806)	397638.26	3767331.08	10.59736	(10121806)
397678.26	3767331.08	9.55852	(10121806)	397718.26	3767331.08	8.72164	(10121806)
396558.26	3767371.08	6.98303	(12111819)	396598.26	3767371.08	7.80928	(11092103)
396638.26	3767371.08	8.95752	(15072005)	396678.26	3767371.08	10.48347	(15072005)
396718.26	3767371.08	11.84901	(12101924)	396758.26	3767371.08	12.55853	(11102105)
396798.26	3767371.08	13.02467	(15060920)	396838.26	3767371.08	14.00879	(15060920)
396878.26	3767371.08	16.05026	(15060920)	396918.26	3767371.08	16.57352	(10110320)
396958.26	3767371.08	16.47506	(10110802)	396998.26	3767371.08	16.51793	(10110802)
397038.26	3767371.08	15.34512	(15090406)	397078.26	3767371.08	15.85624	(16092206)
397118.26	3767371.08	15.19139	(12091522)	397158.26	3767371.08	23.20350	(15063020)
397198.26	3767371.08	23.91552	(15100819)	397238.26			

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3767371.08       21.92693  (15100819)
       397278.26   3767371.08       22.15145  (16041820)                397318.26
3767371.08       21.27816  (15100918)
       397358.26   3767371.08       19.77837  (15092320)                397398.26
3767371.08       19.51222  (16072623)
       397438.26   3767371.08       17.58232  (10082321)                397478.26
3767371.08       15.87974  (10071521)
       397518.26   3767371.08       14.09145  (15072222)                397558.26
3767371.08       12.68424  (12090419)
       397598.26   3767371.08       11.11603  (16072622)                397638.26
3767371.08        9.91141  (12081805)
       397678.26   3767371.08        8.72088  (15072923)                397718.26
3767371.08        7.51605  (15072204)
       396558.26   3767411.08        6.71537  (15072005)                396598.26
3767411.08        7.56874  (15072005)
       396638.26   3767411.08        8.75585  (12101924)                396678.26
3767411.08       10.00854  (15060920)
       396718.26   3767411.08       11.42511  (15060920)                396758.26
3767411.08       12.19191  (15060920)
       396798.26   3767411.08       11.68353  (15060920)                396838.26
3767411.08       12.38299  (15102922)
       396878.26   3767411.08       14.56152  (10110320)                396918.26
3767411.08       14.94393  (10110802)
       396958.26   3767411.08       13.61750  (10110802)                396998.26
3767411.08       12.87881  (15090406)
       397038.26   3767411.08       12.78043  (16092206)                397078.26
3767411.08       11.77047  (11080902)
       397118.26   3767411.08       12.42537  (15082923)                397158.26
3767411.08       15.62998  (12091522)
       397198.26   3767411.08       17.12881  (15063020)                397238.26
3767411.08       18.17436  (15063020)
       397278.26   3767411.08       19.06283  (15100819)                397318.26
3767411.08       18.33637  (12091419)
       397358.26   3767411.08       17.74800  (15100918)                397398.26
3767411.08       17.27669  (11090624)
       397438.26   3767411.08       16.22516  (15073024)                397478.26
3767411.08       14.86789  (15072123)
       397518.26   3767411.08       13.53353  (15101721)                397558.26
3767411.08       12.40837  (10071521)
       397598.26   3767411.08       10.96098  (15072222)                397638.26
3767411.08        9.77484  (12082403)
       397678.26   3767411.08        8.58101  (12082403)                397718.26
3767411.08        7.41609  (16072622)
       396558.26   3767451.08        6.30217  (12022120)                396598.26
3767451.08        7.21990  (15060920)
       396638.26   3767451.08        8.38739  (15060920)                396678.26
3767451.08        9.34556  (15060920)
       396718.26   3767451.08        9.88360  (15060920)                396758.26
3767451.08       10.78187  (15102922)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S):   EG01   , EG02
, EG03   , EG04   , EG05   ,
EG06   , EG07   , EG08   , EG09   , EG10
, EG11   , EG12   , EG13   ,
EG14   , EG15   , EG16   , EG17   , EG18
, EG19   , EG20   , EG21   ,
EG22   , EG23   , EG24   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	10.91707	(10110320)	396838.26	3767451.08	11.87639	(10110802)
396878.26	3767451.08	12.77186	(10110802)	396918.26	3767451.08	11.82187	(10110802)
396958.26	3767451.08	11.84143	(15090406)	396998.26	3767451.08	10.74698	(15090406)
397038.26	3767451.08	9.78334	(10060418)	397078.26	3767451.08	9.45761	(12021511)
397118.26	3767451.08	10.41052	(15082923)	397158.26	3767451.08	13.10098	(12091522)
397198.26	3767451.08	13.88046	(15090924)	397238.26	3767451.08	15.80625	(15063020)
397278.26	3767451.08	15.64627	(16101918)	397318.26	3767451.08	16.45976	(15100819)
397358.26	3767451.08	15.76802	(12091419)	397398.26	3767451.08	15.51183	(15100918)
397438.26	3767451.08	15.04813	(11090624)	397478.26	3767451.08	13.92290	(16072621)
397518.26	3767451.08	12.81089	(16072623)	397558.26	3767451.08	11.70643	(10082321)
397598.26	3767451.08	10.48936	(10071521)	397638.26	3767451.08	9.45301	(10071521)
397678.26	3767451.08	8.37743	(15101620)	397718.26			

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3767451.08        7.42570  (12082403)
       396558.26   3767491.08        6.08924  (15060920)                396598.26
3767491.08        6.75649  (15060920)
       396638.26   3767491.08        7.26694  (16020818)                396678.26
3767491.08        7.95189  (15102922)
       396718.26   3767491.08        8.86368  (15102922)                396758.26
3767491.08       10.00898  (10110320)
       396798.26   3767491.08        9.98604  (10110802)                396838.26
3767491.08        9.95514  (10110802)
       396878.26   3767491.08       10.25005  (11043020)                396918.26
3767491.08       10.91279  (16092206)
       396958.26   3767491.08       10.07416  (16092206)                396998.26
3767491.08        9.39455  (10060418)
       397038.26   3767491.08        8.82297  (11040217)                397078.26
3767491.08        8.80930  (10031317)
       397118.26   3767491.08        9.62540  (10020914)                397158.26
3767491.08       10.91016  (10011715)
       397198.26   3767491.08       12.28476  (15032619)                397238.26
3767491.08       13.43994  (15063020)
       397278.26   3767491.08       14.14513  (15063020)                397318.26
3767491.08       14.20559  (15100819)
       397358.26   3767491.08       14.42825  (16061923)                397398.26
3767491.08       13.90630  (12091419)
       397438.26   3767491.08       13.47449  (12081222)                397478.26
3767491.08       12.96191  (15100918)
       397518.26   3767491.08       12.00798  (12090420)                397558.26
3767491.08       10.96516  (12091106)
       397598.26   3767491.08        9.85069  (15072123)                397638.26
3767491.08        8.91078  (10082321)
       397678.26   3767491.08        8.00534  (10071521)                397718.26
3767491.08        7.12026  (10071521)
       396558.26   3767531.08        5.71378  (10122208)                396598.26
3767531.08        6.18354  (10122208)
       396638.26   3767531.08        6.64767  (15102922)                396678.26
3767531.08        7.35020  (10110320)
       396718.26   3767531.08        8.00966  (10110802)                396758.26
3767531.08        8.86145  (10110802)
       396798.26   3767531.08        8.23404  (10110802)                396838.26
3767531.08        8.69638  (11043020)
       396878.26   3767531.08        9.67027  (16092206)                396918.26
3767531.08        9.36138  (16092206)
       396958.26   3767531.08        9.05428  (10041117)                396998.26
3767531.08        8.76778  (11040217)
       397038.26   3767531.08        8.27446  (10053118)                397078.26
3767531.08        8.56852  (10031317)
       397118.26   3767531.08        9.22837  (10020914)                397158.26
3767531.08       10.31222  (10011715)
       397198.26   3767531.08       11.09236  (15032619)                397238.26
3767531.08       11.57645  (11050807)
       397278.26   3767531.08       12.87066  (15063020)                397318.26
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	9.19671	(15073024)	397638.26	3767531.08	8.35039	(16072623)
397678.26	3767531.08	7.51892	(12092201)	397718.26	3767531.08	6.73084	(10082321)
397320.82	3767219.11	57.17143	(12070604)	397330.82	3767209.11	62.00390	(12070604)
397340.82	3767189.11	65.82752	(15112119)	397340.82	3767199.11	64.88659	(12070604)
397340.82	3767209.11	60.21125	(12070604)	397350.82	3767189.11	66.33797	(12070604)
397350.82	3767199.11	63.23117	(12070604)	397360.82	3767189.11	57.17889	(12070604)
397360.82	3767199.11	55.81465	(12070604)	397370.82	3767189.11	40.75996	(12082324)
397380.82	3767189.11	32.84105	(12070604)	396934.73			

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 3767169.52       23.32409  (11052804)
       397014.53   3767229.60       39.98304  (11083006)                397044.10
 3767223.97       33.63028  (15100324)
       397113.57   3767239.93       32.50569  (16020818)                397158.63
 3767280.29       33.72527  (16060310)
       397168.95   3767307.05       26.69217  (12100411)                397244.05
 3767296.72       39.62362  (15082720)
       397260.95   3767278.88       32.51750  (11101318)                397409.74
 3767205.66       27.03854  (12070604)
       397422.89   3767189.23       27.79925  (12070604)                397426.64
 3767180.78       27.91042  (12070604)
       397420.54   3767170.46       28.64012  (12070604)                397318.68
 3767160.13       62.34408  (16091906)
       397022.98   3767083.62       51.96701  (15092002)                396920.42
 3767167.32       22.21559  (11052804)
       396989.95   3767243.54       39.13038  (10110120)                397044.10
 3767223.97       33.63028  (15100324)
       397113.57   3767239.93       32.50569  (16020818)                397158.63
 3767280.29       33.72527  (16060310)
       397168.95   3767307.05       26.69217  (12100411)                397244.05
 3767296.72       39.62362  (15082720)
       397260.95   3767278.88       32.51750  (11101318)                397409.74
 3767205.66       27.03854  (12070604)
       397422.89   3767189.23       27.79925  (12070604)                397426.64
 3767180.78       27.91042  (12070604)
       397420.54   3767170.46       28.64012  (12070604)                397318.68
 3767160.13       62.34408  (16091906)
       397022.98   3767083.62       51.96701  (15092002)

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  44
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	5.04405	(15101024)	396598.26	3766771.08	5.73082	(15101001)
396638.26	3766771.08	6.87820	(16110922)	396678.26	3766771.08	8.45784	(15102003)
396718.26	3766771.08	10.21700	(15102003)	396758.26	3766771.08	11.48367	(16092622)
396798.26	3766771.08	11.58390	(15010618)	396838.26	3766771.08	13.37082	(16110921)
396878.26	3766771.08	14.11861	(12092302)	396918.26	3766771.08	15.11348	(15091204)
396958.26	3766771.08	16.74318	(15091204)	396998.26	3766771.08	16.90396	(16070705)
397038.26	3766771.08	17.72464	(16070504)	397078.26	3766771.08	17.98317	(16080505)
397118.26	3766771.08	17.95571	(16070704)	397158.26	3766771.08	17.39545	(16091205)
397198.26	3766771.08	16.57641	(12123022)	397238.26	3766771.08	15.19743	(12123022)
397278.26	3766771.08	15.23889	(15012701)	397318.26	3766771.08	15.52371	(10081705)
397358.26	3766771.08	15.57362	(10121219)	397398.26	3766771.08	15.02495	(11071504)
397438.26	3766771.08	15.19369	(12120423)	397478.26	3766771.08	14.68449	(11070605)
397518.26	3766771.08	13.61114	(10111523)	397558.26	3766771.08	13.13789	(16122418)
397598.26	3766771.08	12.86161	(16122418)	397638.26	3766771.08	11.48812	(10060405)
397678.26	3766771.08	10.03640	(12112804)	397718.26	3766771.08	8.84079	(12090502)
396558.26	3766811.08	5.32199	(15101006)	396598.26	3766811.08	6.23130	(15101006)
396638.26	3766811.08	7.36293	(15101024)	396678.26	3766811.08	8.92341	(16110922)
396718.26	3766811.08	10.43253	(15102003)	396758.26	3766811.08	11.60307	(15102003)
396798.26	3766811.08	12.54197	(16092622)	396838.26	3766811.08	13.78373	(16110921)
396878.26	3766811.08	15.54574	(16110921)	396918.26	3766811.08	16.26004	(16100724)
396958.26	3766811.08	18.07572	(15091204)	396998.26	3766811.08	18.70889	(16091902)
397038.26	3766811.08	19.19423	(12120623)	397078.26			

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 3766811.08       19.63470  (16080505)
       397118.26   3766811.08       19.79805  (16102321)                397158.26
 3766811.08       19.28323  (16091205)
       397198.26   3766811.08       18.48717  (12123022)                397238.26
 3766811.08       16.68109  (12123022)
       397278.26   3766811.08       16.31692  (15012701)                397318.26
 3766811.08       16.70677  (10081705)
       397358.26   3766811.08       16.45069  (11011421)                397398.26
 3766811.08       16.90712  (12120423)
       397438.26   3766811.08       16.58848  (11070605)                397478.26
 3766811.08       15.61334  (11102624)
       397518.26   3766811.08       14.79840  (16122418)                397558.26
 3766811.08       13.41613  (16122418)
       397598.26   3766811.08       12.60731  (10060405)                397638.26
 3766811.08       12.32488  (12090502)
       397678.26   3766811.08       11.17740  (12090502)                397718.26
 3766811.08        9.58282  (12092703)
       396558.26   3766851.08        5.24546  (15102023)                396598.26
 3766851.08        6.34665  (15101006)
       396638.26   3766851.08        7.65944  (15101006)                396678.26
 3766851.08        8.98254  (15101024)
       396718.26   3766851.08       10.20226  (15101001)                396758.26
 3766851.08       11.56068  (15102003)
       396798.26   3766851.08       13.38778  (15102003)                396838.26
 3766851.08       14.62452  (16092622)
       396878.26   3766851.08       16.38921  (16110921)                396918.26
 3766851.08       17.93346  (16110921)
       396958.26   3766851.08       18.77375  (15091204)                396998.26
 3766851.08       20.59700  (15091204)
       397038.26   3766851.08       20.60555  (16070705)                397078.26
 3766851.08       21.38230  (16070504)
       397118.26   3766851.08       21.70765  (16102321)                397158.26
 3766851.08       21.48342  (16091205)
       397198.26   3766851.08       20.39192  (12123022)                397238.26
 3766851.08       17.94383  (16122904)
       397278.26   3766851.08       18.21873  (10081705)                397318.26
 3766851.08       18.27541  (10121219)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
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 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397358.26   3766851.08       18.11508  (12120423)               397398.26
 3766851.08       18.33223  (11070605)
        397438.26   3766851.08       17.52806  (11070605)               397478.26
 3766851.08       16.81007  (16122418)
        397518.26   3766851.08       15.46908  (16122418)               397558.26
 3766851.08       14.35595  (11033105)
        397598.26   3766851.08       13.38368  (12090502)               397638.26
 3766851.08       12.33496  (12092703)
        397678.26   3766851.08       10.71061  (12092703)               397718.26
 3766851.08        9.66279  (11092505)
        396558.26   3766891.08        5.66772  (15031501)               396598.26
 3766891.08        6.34542  (11050324)
        396638.26   3766891.08        7.42452  (15101006)               396678.26
 3766891.08        9.37229  (15101006)
        396718.26   3766891.08       10.82332  (15101006)               396758.26
 3766891.08       11.94693  (15101001)
        396798.26   3766891.08       13.49020  (15102003)               396838.26
 3766891.08       15.59752  (15102003)
        396878.26   3766891.08       17.13434  (16092622)               396918.26
 3766891.08       19.03630  (16110921)
        396958.26   3766891.08       20.20710  (12092302)               396998.26
 3766891.08       21.87803  (15091204)
        397038.26   3766891.08       22.28918  (16091902)               397078.26
 3766891.08       23.53373  (16070504)
        397118.26   3766891.08       24.20248  (16092906)               397158.26
 3766891.08       22.72460  (16091205)
        397198.26   3766891.08       22.54514  (12123022)               397238.26
 3766891.08       20.16390  (15012701)
        397278.26   3766891.08       20.56004  (10081705)               397318.26
 3766891.08       20.67956  (12120423)
        397358.26   3766891.08       21.04101  (12120423)               397398.26
 3766891.08       19.98116  (11070605)
        397438.26   3766891.08       18.74053  (16122418)               397478.26
 3766891.08       17.49782  (15052704)
        397518.26   3766891.08       16.49410  (11033105)               397558.26
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 3766891.08       15.62586  (12090502)
       397598.26   3766891.08       14.21577  (12092703)                397638.26
 3766891.08       12.29484  (12092703)
       397678.26   3766891.08       10.94497  (10071205)                397718.26
 3766891.08        9.84564  (10060604)
       396558.26   3766931.08        5.93036  (15012421)                396598.26
 3766931.08        6.81518  (15012421)
       396638.26   3766931.08        7.89249  (15031501)                396678.26
 3766931.08        8.85799  (11050324)
       396718.26   3766931.08       10.83943  (15101006)                396758.26
 3766931.08       12.78817  (15101006)
       396798.26   3766931.08       14.25454  (15101024)                396838.26
 3766931.08       15.69134  (15102003)
       396878.26   3766931.08       18.01610  (15092103)                396918.26
 3766931.08       19.30796  (16092622)
       396958.26   3766931.08       21.84214  (16110921)                396998.26
 3766931.08       22.59079  (16100724)
       397038.26   3766931.08       24.73150  (15091204)                397078.26
 3766931.08       26.31992  (12120623)
       397118.26   3766931.08       27.60111  (16092906)                397158.26
 3766931.08       26.42772  (16091205)
       397198.26   3766931.08       26.11310  (12123022)                397238.26
 3766931.08       23.11620  (10081705)
       397278.26   3766931.08       22.62794  (10121219)                397318.26
 3766931.08       23.58970  (12120423)
       397358.26   3766931.08       24.56378  (11070605)                397398.26
 3766931.08       22.64679  (16122418)
       397438.26   3766931.08       20.47215  (15052704)                397478.26
 3766931.08       18.58549  (12090502)
       397518.26   3766931.08       17.75271  (12090502)                397558.26
 3766931.08       16.10507  (12092703)
       397598.26   3766931.08       14.24413  (10071205)                397638.26
 3766931.08       13.03618  (10060604)
       397678.26   3766931.08       11.75400  (11062005)                397718.26
 3766931.08       10.81823  (10011407)
       396558.26   3766971.08        5.59005  (15012421)                396598.26
 3766971.08        6.67991  (15012421)
       396638.26   3766971.08        8.07772  (15012421)                396678.26
 3766971.08        9.40466  (15012421)
       396718.26   3766971.08       10.65013  (15031501)                396758.26
 3766971.08       12.15015  (15101006)
       396798.26   3766971.08       14.68743  (15101006)                396838.26
 3766971.08       16.70608  (15101024)
       396878.26   3766971.08       18.00983  (15102003)                396918.26
 3766971.08       20.88492  (15092103)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:07:13
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	22.51705	(16110921)	396998.26	3766971.08	25.33485	(16110921)
397038.26	3766971.08	28.08524	(15091204)	397078.26	3766971.08	29.58615	(12120623)
397118.26	3766971.08	31.73090	(16080505)	397158.26	3766971.08	31.46227	(16091205)
397198.26	3766971.08	29.78202	(12123022)	397238.26	3766971.08	27.62124	(10081705)
397278.26	3766971.08	27.32379	(12120423)	397318.26	3766971.08	27.20574	(11070605)
397358.26	3766971.08	26.63546	(16122418)	397398.26	3766971.08	25.38851	(10060405)
397438.26	3766971.08	23.79398	(12090502)	397478.26	3766971.08	21.11605	(12092703)
397518.26	3766971.08	18.07587	(12092703)	397558.26	3766971.08	16.49318	(10060604)
397598.26	3766971.08	15.15973	(11062005)	397638.26	3766971.08	13.65441	(10011407)
397678.26	3766971.08	12.13848	(10011407)	397718.26	3766971.08	11.33970	(10011407)
396558.26	3767011.08	5.65947	(12081802)	396598.26	3767011.08	6.36219	(12081802)
396638.26	3767011.08	7.28092	(15012421)	396678.26	3767011.08	8.94963	(15012421)
396718.26	3767011.08	10.71053	(15012421)	396758.26	3767011.08	12.51808	(15012421)
396798.26	3767011.08	14.00704	(15031501)	396838.26			

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3767011.08       16.54615  (15101006)
       396878.26   3767011.08       19.34001  (15101006)                396918.26
3767011.08       21.04742  (15101001)
       396958.26   3767011.08       24.57717  (15092103)                396998.26
3767011.08       27.61624  (16110921)
       397038.26   3767011.08       30.35588  (15091204)                397078.26
3767011.08       36.82739  (16110921)
       397118.26   3767011.08       41.67633  (15091204)                397158.26
3767011.08       43.76214  (16092906)
       397198.26   3767011.08       43.86942  (16070704)                397238.26
3767011.08       38.43293  (12012103)
       397278.26   3767011.08       31.85715  (11070605)                397318.26
3767011.08       30.78731  (10111523)
       397358.26   3767011.08       28.94733  (10060405)                397398.26
3767011.08       26.89472  (12090502)
       397438.26   3767011.08       25.67206  (12092703)                397478.26
3767011.08       22.45577  (12061801)
       397518.26   3767011.08       20.42899  (11062005)                397558.26
3767011.08       18.35958  (10011407)
       397598.26   3767011.08       16.16702  (10011407)                397638.26
3767011.08       14.15065  (12072502)
       397678.26   3767011.08       13.58585  (15071921)                397718.26
3767011.08       12.06122  (15071921)
       396558.26   3767051.08        5.79463  (10080803)                396598.26
3767051.08        6.57885  (15102805)
       396638.26   3767051.08        7.49120  (12081802)                396678.26
3767051.08        8.72216  (12081802)
       396718.26   3767051.08        9.98450  (12081802)                396758.26
3767051.08       11.46706  (15012421)
       396798.26   3767051.08       13.88692  (15012421)                396838.26
3767051.08       16.29173  (15012421)
       396878.26   3767051.08       18.37233  (15101006)                396918.26
3767051.08       22.89283  (15101006)
       396958.26   3767051.08       26.02217  (15101024)                396998.26
3767051.08       33.84147  (16092622)
       397038.26   3767051.08       55.57871  (15102501)                397078.26
3767051.08       47.25802  (16070503)
       397118.26   3767051.08       47.44069  (12120623)                397158.26
3767051.08       49.38832  (16070503)
       397198.26   3767051.08       47.33132  (12101501)                397238.26
3767051.08       47.17284  (16122901)
       397278.26   3767051.08       44.78510  (12092703)                397318.26
3767051.08       34.35489  (12082824)
       397358.26   3767051.08       32.38351  (12090502)                397398.26
3767051.08       27.86229  (12092703)
       397438.26   3767051.08       26.32333  (11062005)                397478.26
3767051.08       24.37271  (11062005)
       397518.26   3767051.08       21.17748  (10011407)                397558.26
3767051.08       19.19574  (15071921)
       397598.26   3767051.08       17.27213  (15071921)                397638.26
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	6.07298	(11082104)	396598.26	3767091.08	7.04198	(11082104)
396638.26	3767091.08	7.78997	(11082104)	396678.26	3767091.08	8.65261	(12060905)
396718.26	3767091.08	9.83541	(11102024)	396758.26	3767091.08	11.21530	(12081802)
396798.26	3767091.08	12.99025	(12081802)	396838.26	3767091.08	14.86922	(12081802)
396878.26	3767091.08	18.11835	(15012421)	396918.26	3767091.08	21.87960	(15012421)
396958.26	3767091.08	26.84058	(15101006)	396998.26	3767091.08	52.32557	(12021618)
397078.26	3767091.08	40.89170	(15091204)	397118.26	3767091.08	44.38068	(16070503)
397158.26	3767091.08	48.56645	(16070503)	397198.26	3767091.08	47.01213	(11071504)
397238.26	3767091.08	47.42303	(16122418)	397278.26	3767091.08	49.82611	(16122418)
397318.26	3767091.08	53.53637	(12102521)	397358.26			

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3767091.08       34.08757  (16022402)
       397398.26   3767091.08       30.44365  (10011407)                397438.26
3767091.08       26.50434  (15071921)
       397478.26   3767091.08       24.16350  (15071921)                397518.26
3767091.08       22.24559  (12082324)
       397558.26   3767091.08       20.11186  (12082324)                397598.26
3767091.08       18.04956  (12082324)
       397638.26   3767091.08       15.63499  (12082324)                397678.26
3767091.08       13.23021  (12082324)
       397718.26   3767091.08       11.62659  (12091206)                396558.26
3767131.08        6.49055  (11052804)
       396598.26   3767131.08        7.36712  (11052804)                396638.26
3767131.08        8.33023  (12100601)
       396678.26   3767131.08        8.98953  (11072303)                396718.26
3767131.08       10.04247  (10111118)
       396758.26   3767131.08       11.35570  (10111118)                396798.26
3767131.08       12.85016  (11082104)
       396838.26   3767131.08       14.48400  (11082104)                396878.26
3767131.08       16.70846  (11102024)
       396918.26   3767131.08       19.92760  (12081802)                396958.26
3767131.08       32.65140  (15101006)
       397238.26   3767131.08       49.12630  (16122418)                397278.26
3767131.08       53.39933  (12092703)
       397318.26   3767131.08       64.46500  (12090502)                397358.26
3767131.08       40.96708  (15071921)
       397398.26   3767131.08       31.51206  (12082324)                397438.26
3767131.08       28.00946  (12082324)
       397478.26   3767131.08       24.13673  (12082324)                397518.26
3767131.08       20.82641  (12082324)
       397558.26   3767131.08       18.89221  (15112119)                397598.26
3767131.08       17.01648  (15112119)
       397638.26   3767131.08       15.46868  (15112119)                397678.26
3767131.08       13.48262  (15112119)
       397718.26   3767131.08       11.89515  (12070604)                396558.26
3767171.08        7.15626  (15101022)
       396598.26   3767171.08        8.11875  (15101022)                396638.26
3767171.08        9.11523  (15101022)
       396678.26   3767171.08       10.24197  (15101022)                396718.26
3767171.08       10.78147  (15101022)
       396758.26   3767171.08       12.16339  (15101022)                396798.26
3767171.08       13.81143  (15101022)
       396838.26   3767171.08       15.84852  (15101022)                396878.26
3767171.08       18.71494  (10110221)
       396918.26   3767171.08       22.45141  (11052804)                397438.26
3767171.08       26.97407  (12070604)
       397478.26   3767171.08       23.77223  (12070604)                397518.26
3767171.08       21.27497  (12070604)
       397558.26   3767171.08       19.04052  (12070604)                397598.26
3767171.08       16.96128  (12070604)
       397638.26   3767171.08       14.98073  (12070604)                397678.26
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	23.50289	(12091823)	396958.26	3767211.08	28.68711	(12091823)
397438.26	3767211.08	23.18609	(15042323)	397478.26	3767211.08	20.49104	(11052721)
397518.26	3767211.08	18.82236	(11052721)	397558.26	3767211.08	17.12522	(16022418)
397598.26	3767211.08	15.44959	(16022418)	397638.26	3767211.08	13.79051	(16022418)
397678.26	3767211.08	12.22193	(16022418)	397718.26	3767211.08	10.76272	(16022418)
396558.26	3767251.08	7.74172	(12091823)	396598.26			

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3767251.08        8.78388  (12091823)
       396638.26   3767251.08       10.03920  (12091823)                396678.26
3767251.08       11.22867  (12091823)
       396718.26   3767251.08       12.28037  (12091823)                396758.26
3767251.08       12.43885  (15061702)
       396798.26   3767251.08       13.91462  (12101923)                396838.26
3767251.08       15.92698  (12101923)
       396878.26   3767251.08       18.68643  (10063002)                396918.26
3767251.08       23.89522  (10110120)
       396958.26   3767251.08       26.02833  (12010420)                396998.26
3767251.08       36.33227  (12010420)
       397038.26   3767251.08       22.59895  (15021118)                397078.26
3767251.08       20.08590  (16020818)
       397118.26   3767251.08       30.51626  (10092411)                397318.26
3767251.08       40.27928  (12081805)
       397358.26   3767251.08       26.86309  (15042323)                397398.26
3767251.08       22.17215  (11061802)
       397438.26   3767251.08       19.63793  (15042323)                397478.26
3767251.08       17.62082  (15042323)
       397518.26   3767251.08       16.39958  (15042323)                397558.26
3767251.08       15.22295  (15042323)
       397598.26   3767251.08       14.06965  (15042323)                397638.26
3767251.08       12.77231  (15042323)
       397678.26   3767251.08       11.45554  (15042323)                397718.26
3767251.08       10.18311  (15042323)
       396558.26   3767291.08        7.63286  (12101923)                396598.26
3767291.08        8.90179  (12101923)
       396638.26   3767291.08       10.16326  (10063002)                396678.26
3767291.08       11.54983  (10110120)
       396718.26   3767291.08       13.07347  (10110120)                396758.26
3767291.08       12.49283  (12010420)
       396798.26   3767291.08       13.58955  (12111723)                396838.26
3767291.08       15.27683  (12111819)
       396878.26   3767291.08       19.34319  (15072005)                396918.26
3767291.08       20.96499  (15072005)
       396958.26   3767291.08       23.04813  (12101924)                396998.26
3767291.08       26.02179  (12111819)
       397038.26   3767291.08       35.71230  (16020818)                397078.26
3767291.08       21.80966  (11071203)
       397118.26   3767291.08       23.11394  (11092810)                397158.26
3767291.08       27.71582  (16060310)
       397278.26   3767291.08       36.92764  (10082321)                397318.26
3767291.08       31.66702  (10082321)
       397358.26   3767291.08       23.24079  (12090419)                397398.26
3767291.08       21.43714  (11101218)
       397438.26   3767291.08       18.77938  (15072923)                397478.26
3767291.08       16.52299  (10121806)
       397518.26   3767291.08       14.87649  (10121806)                397558.26
3767291.08       13.67991  (10121806)
       397598.26   3767291.08       12.41933  (11061802)                397638.26
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 3767291.08       11.28556  (11061802)
       397678.26   3767291.08       10.34028  (12072305)               397718.26
 3767291.08        9.14068  (16081922)
       396558.26   3767331.08        7.30936  (10110120)               396598.26
 3767331.08        8.24853  (12010420)
       396638.26   3767331.08        9.36247  (12111723)               396678.26
 3767331.08       10.88672  (12111819)
       396718.26   3767331.08       12.24464  (12111819)               396758.26
 3767331.08       12.76321  (15072005)
       396798.26   3767331.08       13.24105  (15072005)               396838.26
 3767331.08       14.54950  (12101924)
       396878.26   3767331.08       18.58228  (15060920)               396918.26
 3767331.08       19.34839  (15060920)
       396958.26   3767331.08       19.20122  (15060920)               396998.26
 3767331.08       19.72327  (10110320)
       397038.26   3767331.08       22.39115  (15031320)               397078.26
 3767331.08       26.46482  (10110802)
       397118.26   3767331.08       25.97110  (16092206)               397158.26
 3767331.08       29.37840  (15072203)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08       33.02685  (12102718)               397238.26
 3767331.08       36.36425  (16081502)
       397278.26   3767331.08       33.78966  (15101018)               397318.26
```

3767331.08 24.06390 (16072621)
397358.26 3767331.08 21.68934 (10082321) 397398.26
3767331.08 21.29027 (10071521)
397438.26 3767331.08 18.73862 (12090419) 397478.26
3767331.08 16.09714 (15101621)
397518.26 3767331.08 14.32295 (16072622) 397558.26
3767331.08 12.81004 (15072923)
397598.26 3767331.08 11.62115 (10121806) 397638.26
3767331.08 10.59736 (10121806)
397678.26 3767331.08 9.55852 (10121806) 397718.26
3767331.08 8.72164 (10121806)
396558.26 3767371.08 6.98303 (12111819) 396598.26
3767371.08 7.80928 (11092103)
396638.26 3767371.08 8.95752 (15072005) 396678.26
3767371.08 10.48347 (15072005)
396718.26 3767371.08 11.84901 (12101924) 396758.26
3767371.08 12.55853 (11102105)
396798.26 3767371.08 13.02467 (15060920) 396838.26
3767371.08 14.00879 (15060920)
396878.26 3767371.08 16.05026 (15060920) 396918.26
3767371.08 16.57352 (10110320)
396958.26 3767371.08 16.47506 (10110802) 396998.26
3767371.08 16.51793 (10110802)
397038.26 3767371.08 15.34512 (15090406) 397078.26
3767371.08 15.85624 (16092206)
397118.26 3767371.08 15.19139 (12091522) 397158.26
3767371.08 23.20350 (15063020)
397198.26 3767371.08 23.91552 (15100819) 397238.26
3767371.08 21.92693 (15100819)
397278.26 3767371.08 22.15145 (16041820) 397318.26
3767371.08 21.27816 (15100918)
397358.26 3767371.08 19.77837 (15092320) 397398.26
3767371.08 19.51222 (16072623)
397438.26 3767371.08 17.58232 (10082321) 397478.26
3767371.08 15.87974 (10071521)
397518.26 3767371.08 14.09145 (15072222) 397558.26
3767371.08 12.68424 (12090419)
397598.26 3767371.08 11.11603 (16072622) 397638.26
3767371.08 9.91141 (12081805)
397678.26 3767371.08 8.72088 (15072923) 397718.26
3767371.08 7.51605 (15072204)
396558.26 3767411.08 6.71537 (15072005) 396598.26
3767411.08 7.56874 (15072005)
396638.26 3767411.08 8.75585 (12101924) 396678.26
3767411.08 10.00854 (15060920)
396718.26 3767411.08 11.42511 (15060920) 396758.26
3767411.08 12.19191 (15060920)
396798.26 3767411.08 11.68353 (15060920) 396838.26
3767411.08 12.38299 (15102922)
396878.26 3767411.08 14.56152 (10110320) 396918.26

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 3767411.08       14.94393  (10110802)
       396958.26   3767411.08       13.61750  (10110802)                396998.26
 3767411.08       12.87881  (15090406)
       397038.26   3767411.08       12.78043  (16092206)                397078.26
 3767411.08       11.77047  (11080902)
       397118.26   3767411.08       12.42537  (15082923)                397158.26
 3767411.08       15.62998  (12091522)
       397198.26   3767411.08       17.12881  (15063020)                397238.26
 3767411.08       18.17436  (15063020)
       397278.26   3767411.08       19.06283  (15100819)                397318.26
 3767411.08       18.33637  (12091419)
       397358.26   3767411.08       17.74800  (15100918)                397398.26
 3767411.08       17.27669  (11090624)
       397438.26   3767411.08       16.22516  (15073024)                397478.26
 3767411.08       14.86789  (15072123)
       397518.26   3767411.08       13.53353  (15101721)                397558.26
 3767411.08       12.40837  (10071521)
       397598.26   3767411.08       10.96098  (15072222)                397638.26
 3767411.08        9.77484  (12082403)
       397678.26   3767411.08        8.58101  (12082403)                397718.26
 3767411.08        7.41609  (16072622)
       396558.26   3767451.08        6.30217  (12022120)                396598.26
 3767451.08        7.21990  (15060920)
       396638.26   3767451.08        8.38739  (15060920)                396678.26
 3767451.08        9.34556  (15060920)
       396718.26   3767451.08        9.88360  (15060920)                396758.26
 3767451.08       10.78187  (15102922)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  50
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	10.91707	(10110320)	396838.26	3767451.08	11.87639	(10110802)
396878.26	3767451.08	12.77186	(10110802)	396918.26	3767451.08	11.82187	(10110802)
396958.26	3767451.08	11.84143	(15090406)	396998.26	3767451.08	10.74698	(15090406)
397038.26	3767451.08	9.78334	(10060418)	397078.26	3767451.08	9.45761	(12021511)
397118.26	3767451.08	10.41052	(15082923)	397158.26	3767451.08	13.10098	(12091522)
397198.26	3767451.08	13.88046	(15090924)	397238.26	3767451.08	15.80625	(15063020)
397278.26	3767451.08	15.64627	(16101918)	397318.26	3767451.08	16.45976	(15100819)
397358.26	3767451.08	15.76802	(12091419)	397398.26	3767451.08	15.51183	(15100918)
397438.26	3767451.08	15.04813	(11090624)	397478.26	3767451.08	13.92290	(16072621)
397518.26	3767451.08	12.81089	(16072623)	397558.26	3767451.08	11.70643	(10082321)
397598.26	3767451.08	10.48936	(10071521)	397638.26	3767451.08	9.45301	(10071521)
397678.26	3767451.08	8.37743	(15101620)	397718.26	3767451.08	7.42570	(12082403)
396558.26	3767491.08	6.08924	(15060920)	396598.26	3767491.08	6.75649	(15060920)
396638.26	3767491.08	7.26694	(16020818)	396678.26	3767491.08	7.95189	(15102922)
396718.26	3767491.08	8.86368	(15102922)	396758.26	3767491.08	10.00898	(10110320)
396798.26	3767491.08	9.98604	(10110802)	396838.26	3767491.08	9.95514	(10110802)
396878.26	3767491.08	10.25005	(11043020)	396918.26	3767491.08	10.91279	(16092206)
396958.26	3767491.08	10.07416	(16092206)	396998.26	3767491.08	9.39455	(10060418)
397038.26	3767491.08	8.82297	(11040217)	397078.26	3767491.08	8.80930	(10031317)
397118.26	3767491.08	9.62540	(10020914)	397158.26	3767491.08	10.91016	(10011715)
397198.26	3767491.08	12.28476	(15032619)	397238.26	3767491.08	13.43994	(15063020)
397278.26	3767491.08	14.14513	(15063020)	397318.26	3767491.08	14.20559	(15100819)
397358.26	3767491.08	14.42825	(16061923)	397398.26			

3767491.08 13.90630 (12091419)
397438.26 3767491.08 13.47449 (12081222) 397478.26
3767491.08 12.96191 (15100918)
397518.26 3767491.08 12.00798 (12090420) 397558.26
3767491.08 10.96516 (12091106)
397598.26 3767491.08 9.85069 (15072123) 397638.26
3767491.08 8.91078 (10082321)
397678.26 3767491.08 8.00534 (10071521) 397718.26
3767491.08 7.12026 (10071521)
396558.26 3767531.08 5.71378 (10122208) 396598.26
3767531.08 6.18354 (10122208)
396638.26 3767531.08 6.64767 (15102922) 396678.26
3767531.08 7.35020 (10110320)
396718.26 3767531.08 8.00966 (10110802) 396758.26
3767531.08 8.86145 (10110802)
396798.26 3767531.08 8.23404 (10110802) 396838.26
3767531.08 8.69638 (11043020)
396878.26 3767531.08 9.67027 (16092206) 396918.26
3767531.08 9.36138 (16092206)
396958.26 3767531.08 9.05428 (10041117) 396998.26
3767531.08 8.76778 (11040217)
397038.26 3767531.08 8.27446 (10053118) 397078.26
3767531.08 8.56852 (10031317)
397118.26 3767531.08 9.22837 (10020914) 397158.26
3767531.08 10.31222 (10011715)
397198.26 3767531.08 11.09236 (15032619) 397238.26
3767531.08 11.57645 (11050807)
397278.26 3767531.08 12.87066 (15063020) 397318.26
3767531.08 12.66442 (15091220)
397358.26 3767531.08 12.97260 (15100819) 397398.26
3767531.08 12.69583 (16061923)
397438.26 3767531.08 12.44330 (12091419) 397478.26
3767531.08 11.88411 (12081222)
397518.26 3767531.08 11.28017 (15100918) 397558.26
3767531.08 10.25985 (15092320)

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18

```
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397598.26   3767531.08        9.19671  (15073024)               397638.26
 3767531.08        8.35039  (16072623)
        397678.26   3767531.08        7.51892  (12092201)               397718.26
 3767531.08        6.73084  (10082321)
        397320.82   3767219.11       57.17143  (12070604)               397330.82
 3767209.11       62.00390  (12070604)
        397340.82   3767189.11       65.82752  (15112119)               397340.82
 3767199.11       64.88659  (12070604)
        397340.82   3767209.11       60.21125  (12070604)               397350.82
 3767189.11       66.33797  (12070604)
        397350.82   3767199.11       63.23117  (12070604)               397360.82
 3767189.11       57.17889  (12070604)
        397360.82   3767199.11       55.81465  (12070604)               397370.82
 3767189.11       40.75996  (12082324)
        397380.82   3767189.11       32.84105  (12070604)               396934.73
 3767169.52       23.32409  (11052804)
        397014.53   3767229.60       39.98304  (11083006)               397044.10
 3767223.97       33.63028  (15100324)
        397113.57   3767239.93       32.50569  (16020818)               397158.63
 3767280.29       33.72527  (16060310)
        397168.95   3767307.05       26.69217  (12100411)               397244.05
 3767296.72       39.62362  (15082720)
        397260.95   3767278.88       32.51750  (11101318)               397409.74
 3767205.66       27.03854  (12070604)
        397422.89   3767189.23       27.79925  (12070604)               397426.64
 3767180.78       27.91042  (12070604)
        397420.54   3767170.46       28.64012  (12070604)               397318.68
 3767160.13       62.34408  (16091906)
        397022.98   3767083.62       51.96701  (15092002)               396920.42
 3767167.32       22.21559  (11052804)
        396989.95   3767243.54       39.13038  (10110120)               397044.10
 3767223.97       33.63028  (15100324)
        397113.57   3767239.93       32.50569  (16020818)               397158.63
 3767280.29       33.72527  (16060310)
        397168.95   3767307.05       26.69217  (12100411)               397244.05
 3767296.72       39.62362  (15082720)
        397260.95   3767278.88       32.51750  (11101318)               397409.74
```

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

GROUP ID		NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	8.99881	AT (397158.63, 3767280.29, 114.31, 189.89, 0.00)	DC	
	2ND HIGHEST VALUE IS	8.99881	AT (397158.63, 3767280.29, 114.31, 189.89, 0.00)	DC	
	3RD HIGHEST VALUE IS	8.78454	AT (397113.57, 3767239.93, 112.23, 187.75, 0.00)	DC	
	4TH HIGHEST VALUE IS	8.78454	AT (397113.57, 3767239.93, 112.23, 187.75, 0.00)	DC	
	5TH HIGHEST VALUE IS	7.79967	AT (397244.05, 3767296.72, 115.81, 189.89, 0.00)	DC	
	6TH HIGHEST VALUE IS	7.79967	AT (397244.05, 3767296.72, 115.81, 189.89, 0.00)	DC	
	7TH HIGHEST VALUE IS	7.72014	AT (397118.26, 3767251.08, 114.96, 150.20, 0.00)	DC	
	8TH HIGHEST VALUE IS	7.25732	AT (397158.26, 3767291.08, 116.35, 189.89, 0.00)	DC	
	9TH HIGHEST VALUE IS	6.84492	AT (397260.95, 3767278.88, 116.11, 189.89, 0.00)	DC	
	10TH HIGHEST VALUE IS	6.84492	AT (397260.95, 3767278.88, 116.11, 189.89, 0.00)	DC	

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ALL       1ST HIGHEST VALUE IS       8.99881 AT (  397158.63,  3767280.29,
114.31,   189.89,    0.00)  DC
          2ND HIGHEST VALUE IS       8.99881 AT (  397158.63,  3767280.29,
114.31,   189.89,    0.00)  DC
          3RD HIGHEST VALUE IS       8.78454 AT (  397113.57,  3767239.93,
112.23,   187.75,    0.00)  DC
          4TH HIGHEST VALUE IS       8.78454 AT (  397113.57,  3767239.93,
112.23,   187.75,    0.00)  DC
          5TH HIGHEST VALUE IS       7.79967 AT (  397244.05,  3767296.72,
115.81,   189.89,    0.00)  DC
          6TH HIGHEST VALUE IS       7.79967 AT (  397244.05,  3767296.72,
115.81,   189.89,    0.00)  DC
          7TH HIGHEST VALUE IS       7.72014 AT (  397118.26,  3767251.08,
114.96,   150.20,    0.00)  DC
          8TH HIGHEST VALUE IS       7.25732 AT (  397158.26,  3767291.08,
116.35,   189.89,    0.00)  DC
          9TH HIGHEST VALUE IS       6.84492 AT (  397260.95,  3767278.88,
116.11,   189.89,    0.00)  DC
         10TH HIGHEST VALUE IS       6.84492 AT (  397260.95,  3767278.88,
116.11,   189.89,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                      DATE
                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

GENERATO HIGH   1ST HIGH VALUE IS      66.33797  ON 12070604: AT (  397350.82,
3767189.11,   113.34,   150.20,    0.00)  DC
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ALL   HIGH   1ST HIGH VALUE IS   66.33797 ON 12070604: AT (397350.82,
3767189.11,   113.34,   150.20,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142 ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***   09/22/25
 *** AERMET - VERSION 16216 ***   ***
                       ***   17:07:13

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 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   4 Warning Message(s)
 A Total of   1277 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   152 Calm Hours Identified

 A Total of   1125 Missing Hours Identified (2.57 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   979   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187   979   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

    ****
    *** AERMOD Finishes Successfully ***
    ****

Kimley»Horn

Attachment D: LST and NAAQS Modeling Data

LST

Generators ID	Rating Size	Unit	Max Hourly (gal/hr)	Pollutant	Emission Factor (lb/kw-hr)	Peak Hourly Emissions (lb/hr)	Peak Hourly Emissions (g/s)	Daily (g/s)
EG01-24	2750	kW	265.8	NO_x (1hr)	0.001478201	4.0651	0.5122	-
				CO (1-hr)	0.002956401	8.1301	1.0244	-
				CO (8-hr)	0.002956401	8.1301	1.0244	-
				PM10 (24-hr)	6.50408E-05	0.1789	0.0225	0.0003
				PM2.5 (24-hr)	6.50408E-05	0.1789	0.0225	0.0073

1-hr pollutants 3 engines @ peak hour at the same time and variable hours 6am-7pm (13 hours)
8-hr pollutant 3 engines - same as 1 hr
24-hr - the peak rate x 4.2 hours divide by 13 hours and put that in for all 24 engines still at 6am-7pm (13 hours)

NAAQS

Generators ID	Rating Size	Unit	Operating Time (hr/yr/unit)	Pollutant	Emission Factor (lb/kw-hr)	Peak Hourly Emissions (lb/hr)	Average Hourly Emissoins (lb/hr)	Peak Hourly Emissions (g/s)	Average Hourly Emissions (g/s)
EG01-24	2750	kW	200	NO_X	0.001478201	4.0651	0.0928	0.5122	0.0117

Screening Analysis NAAQS

Equipment Spec Data C175-20 Tier 4

Equipment Information			
# Engines	Engine Model	Engine Tier	KW
24	CAT C175-20	Tier IV	2750

Table A-1

Allowable Emissions
for Noncombustion Sources and for
Combustion Sources less than or equal to 40 Million BTUs per hour

Heat Input Capacity (million BTUs/hr)		NO_x (lbs/hr)	CO (lbs/hr)	PM_{10} (lbs/hr)
Noncombustion Source		0.068	3.7	0.41
	< 2	0.20	11.0	1.2
>2	< 5	0.31	17.1	1.9
>5	< 10	0.47	25.9	2.8
>10	< 20	0.86	47.3	5.2
>20	< 30	1.26	69.3	7.6
>30	≤40	1.31	72.1	7.9

Engine Specs	265.8	gal/hr
	0.1387	Convesion
	36.86646	mmbtu/hr

Screening Analysis

Compare the emissions from the source you are applying for to those in Table A-1. If the emissions are less than the allowable emissions, no further analysis is required. If the emissions are greater than the allowable emissions, a more detailed air quality modeling analysis is required.

Emission Factor (Controlled)						
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
g/hp-hr	0.140	0.500	1.000	0.006	0.022	0.022
g/kw-hr	0.188	0.671	1.341	0.007	0.030	0.030
lb/kw-hr	0.00041	0.00148	0.00296	0.00002	0.00007	0.00007
lb/hr	1.13821	4.07	8.13	0.04472	0.17886	0.17886

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_CO\Saturn_CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 8
   URBANOPT 9830000 Los_Angeles
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_CO.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
```

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** Vertical Dimension = 10.20
** SZINIT = 4.74
** Nodes = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
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** 397150.180, 3767263.940, 113.00, 5.10, 4.19
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** 397280.550, 3767164.040, 113.00, 5.10, 4.19
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** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
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   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
   LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
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LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
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LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
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LOCATION L0000110     VOLUME   397055.112 3767223.400 113.00
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LOCATION L0000196     VOLUME   397214.001 3767189.262 113.00
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LOCATION L0000200     VOLUME   397190.613 3767216.629 113.00
LOCATION L0000201     VOLUME   397184.766 3767223.471 113.00
LOCATION L0000202     VOLUME   397178.918 3767230.313 113.00
LOCATION L0000203     VOLUME   397173.071 3767237.155 113.00
LOCATION L0000204     VOLUME   397167.224 3767243.996 113.00
LOCATION L0000205     VOLUME   397161.377 3767250.838 113.00
LOCATION L0000206     VOLUME   397155.530 3767257.680 113.00
LOCATION L0000207     VOLUME   397150.719 3767264.484 113.00
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LOCATION L0000209     VOLUME   397163.390 3767277.268 113.00
LOCATION L0000210     VOLUME   397169.242 3767275.373 113.00
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LOCATION L0000222     VOLUME   397235.832 3767190.345 113.00
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LOCATION L0000224     VOLUME   397246.930 3767176.173 113.00
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LOCATION L0000227     VOLUME   397265.012 3767159.417 113.00
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LOCATION L0000229     VOLUME   397279.388 3767165.400 113.00
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** Source Parameters **
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SRCPARAM L0000225     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000226     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000227     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000228     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000229     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000230     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000231     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000232     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000233     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000234     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000235     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000236     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000237     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000238     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000239     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000240     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000241     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000242     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000243     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000244     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000245     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000246     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000247     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000248     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000249     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000250     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000251     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000252     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000253     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000254     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000255     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000256     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000257     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000258     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000259     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000260     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000261     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000262     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000263     0.0034722222      5.10      4.19      4.74
```

```
   SRCPARAM L0000264     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000265     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000266     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000267     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000268     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000269     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000270     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000271     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000272     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000273     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000274     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000275     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000276     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000277     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000278     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000279     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000280     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000281     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000282     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000283     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000284     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000285     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01          284.00   270.01   247.81   218.08   181.73   139.85
```

BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73

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   XBADJ    EG08          -53.34   -38.33   -22.16    -5.31   -14.19   -45.21
   XBADJ    EG08          -74.86  -102.23  -126.50  -146.92  -162.88  -173.89
   XBADJ    EG08         -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08         -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24         -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24         -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24         -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24          -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24          -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24          -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01         -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01          -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01           66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01          116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01           47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01          -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08          -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08          -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08           10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08           54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08           41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08          -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Operations"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG08 EG24
   SRCGROUP Area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP Area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP Area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP Area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP Area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP Area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP Area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP Area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP Area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP Area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP Area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP Area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP Area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP Area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP Area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP Area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP Area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
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   SRCGROUP Area     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP Area     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP Area     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP Area     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP Area     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP Area     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP Area     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP Area     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP Area     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP Area     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP Area     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP Area     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP Area     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP Area     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP Area     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP Area     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP Area     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP Area     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP Area     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP Area     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP Area     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP Area     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP Area     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP Area     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP Area     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP Area     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP Area     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP Area     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP Area     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP Area     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP Area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_CO.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Saturn_CO\PICO_V9_ADJU\
```

```
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Saturn_CO\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST 8TH
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\08H1GALL.PLT" 32
   PLOTFILE 1 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_CO\SATURN_CO.AD\01H1G001.PLT" 33
   PLOTFILE 8 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_CO\SATURN_CO.AD\08H1G001.PLT" 34
   PLOTFILE 1 Area 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H1G002.PLT"
35
   PLOTFILE 8 Area 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\08H1G002.PLT"
36
   PLOTFILE 1 ALL 8TH "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H8GALL.PLT" 37
   PLOTFILE 1 Generato 8TH "C:\Lakes\AERMOD
View\Saturn_CO\SATURN_CO.AD\01H8G001.PLT" 38
   PLOTFILE 1 Area 8TH "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H8G002.PLT"
39
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** Project Parameters
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** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.ADI
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** AERMOD CONTROL PATHWAY
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   AVERTIME 1 8
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   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_CO.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
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** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
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   LOCATION L0000269     VOLUME   397302.513 3767166.178 113.00
   LOCATION L0000270     VOLUME   397310.528 3767166.357 113.00
   LOCATION L0000271     VOLUME   397319.249 3767168.579 113.00
   LOCATION L0000272     VOLUME   397319.353 3767173.799 113.00
   LOCATION L0000273     VOLUME   397313.894 3767180.955 113.00
   LOCATION L0000274     VOLUME   397308.436 3767188.111 113.00
   LOCATION L0000275     VOLUME   397302.978 3767195.267 113.00
   LOCATION L0000276     VOLUME   397297.520 3767202.423 113.00
   LOCATION L0000277     VOLUME   397292.061 3767209.579 113.00
   LOCATION L0000278     VOLUME   397286.603 3767216.735 113.00
   LOCATION L0000279     VOLUME   397281.145 3767223.891 113.00
   LOCATION L0000280     VOLUME   397275.687 3767231.047 113.00
   LOCATION L0000281     VOLUME   397270.229 3767238.203 113.00
   LOCATION L0000282     VOLUME   397264.770 3767245.359 113.00
   LOCATION L0000283     VOLUME   397259.312 3767252.515 113.00
   LOCATION L0000284     VOLUME   397253.854 3767259.671 113.00
   LOCATION L0000285     VOLUME   397248.396 3767266.826 113.00
   LOCATION L0000286     VOLUME   397242.937 3767273.982 113.00
   LOCATION L0000287     VOLUME   397237.479 3767281.138 113.00
   LOCATION L0000288     VOLUME   397232.021 3767288.294 113.00
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
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   SRCPARAM EG08            1.0244    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24            1.0244    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM L0000266     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000267     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000268     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000269     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000270     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000271     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000272     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000273     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000274     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000275     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000276     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000277     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000278     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000279     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000280     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000281     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000282     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000283     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000284     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000285     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** BUILDING DOWNWASH **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01           284.00   270.01   247.81   218.08   181.73   139.85
   BUILDWID EG01            93.73   103.87   148.81   189.23   223.90   251.77
   BUILDWID EG01           271.99   283.95   287.27   281.87   285.94   289.37
```

BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89

```
   XBADJ    EG08          -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08          -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24          -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24          -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24          -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24           -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24           -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24           -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01          -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01           -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01            66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01           116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01            47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01           -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08           -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08           -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08            10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08            54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08            41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08           -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG08 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
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   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED SATURN_CO.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_CO\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_CO\PICO_V9_ADJU\
```

```
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST 8TH
   RECTABLE 8 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H1GALL.PLT"
31
   PLOTFILE   8 ALL 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\08H1GALL.PLT"
32
   PLOTFILE   1 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_CO\SATURN_CO.AD\01H1G001.PLT" 33
   PLOTFILE   8 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_CO\SATURN_CO.AD\08H1G001.PLT" 34
   PLOTFILE   1 AREA 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H1G002.PLT"
35
   PLOTFILE   8 AREA 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\08H1G002.PLT"
36
   PLOTFILE   1 ALL 8TH "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H8GALL.PLT"
37
   PLOTFILE   1 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_CO\SATURN_CO.AD\01H8G001.PLT" 38
   PLOTFILE   1 AREA 8TH "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H8G002.PLT"
39
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.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     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***        13:18:19

                                    PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   291 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    291 Source(s);       3 Source Group(s); and     608
Receptor(s)
```

```
                with:      3 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **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)

 **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) =    58.00 ;  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 =      4.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   SATURN_CO.ERR

 **File for Summary of Results:   C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.10244E+01	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG08	0	0.10244E+01	397112.7	3767197.0	109.3	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG24	0	0.10244E+01	397256.0	3767235.0	113.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74	YES	NO	
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74	YES	NO	
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74	YES	NO	
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000005         0   0.34722E-02  396992.1 3767119.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000006         0   0.34722E-02  396985.5 3767125.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000007         0   0.34722E-02  396978.9 3767131.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000008         0   0.34722E-02  396972.3 3767137.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000009         0   0.34722E-02  396965.7 3767143.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000010         0   0.34722E-02  396959.1 3767149.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000011         0   0.34722E-02  396952.5 3767156.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000012         0   0.34722E-02  396950.0 3767162.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000013         0   0.34722E-02  396956.0 3767169.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000014         0   0.34722E-02  396962.1 3767175.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000015         0   0.34722E-02  396968.3 3767173.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000016         0   0.34722E-02  396974.7 3767166.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000017         0   0.34722E-02  396981.0 3767160.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000018         0   0.34722E-02  396987.4 3767154.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000019         0   0.34722E-02  396993.7 3767147.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000020         0   0.34722E-02  397000.1 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000021         0   0.34722E-02  397006.4 3767134.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000022         0   0.34722E-02  397012.8 3767128.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000023         0   0.34722E-02  397019.2 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000024         0   0.34722E-02  397025.5 3767115.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000025         0   0.34722E-02  397031.9 3767109.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
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4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       13:18:19

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.34722E-02  396978.8 3767186.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000042         0   0.34722E-02  396979.7 3767193.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000043         0   0.34722E-02  396986.5 3767199.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000044         0   0.34722E-02  396993.1 3767201.2   113.0     5.10     4.19
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4.74     YES                    NO
 L0000045         0   0.34722E-02  396999.2 3767194.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000046         0   0.34722E-02  397005.3 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000047         0   0.34722E-02  397011.5 3767181.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000048         0   0.34722E-02  397017.6 3767174.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000049         0   0.34722E-02  397023.7 3767168.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000050         0   0.34722E-02  397029.8 3767161.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000051         0   0.34722E-02  397036.0 3767155.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000052         0   0.34722E-02  397042.1 3767148.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000053         0   0.34722E-02  397048.2 3767141.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000054         0   0.34722E-02  397054.3 3767135.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000055         0   0.34722E-02  397060.5 3767128.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000056         0   0.34722E-02  397066.6 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000057         0   0.34722E-02  397072.7 3767115.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000058         0   0.34722E-02  397079.4 3767110.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000059         0   0.34722E-02  397088.1 3767113.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000060         0   0.34722E-02  397096.9 3767115.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000061         0   0.34722E-02  397092.4 3767121.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000062         0   0.34722E-02  397086.3 3767127.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000063         0   0.34722E-02  397080.1 3767134.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000064         0   0.34722E-02  397074.0 3767140.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000065         0   0.34722E-02  397067.8 3767147.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
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4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000081         0   0.34722E-02  397044.8 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000082         0   0.34722E-02  397050.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000083         0   0.34722E-02  397057.0 3767186.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000084         0   0.34722E-02  397063.0 3767180.3   113.0     5.10     4.19
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4.74     YES                    NO
 L0000085         0   0.34722E-02  397069.1 3767173.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000086         0   0.34722E-02  397075.2 3767167.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000087         0   0.34722E-02  397081.3 3767160.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000088         0   0.34722E-02  397087.4 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000089         0   0.34722E-02  397093.5 3767147.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000090         0   0.34722E-02  397099.5 3767140.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000091         0   0.34722E-02  397105.6 3767133.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000092         0   0.34722E-02  397111.7 3767127.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000093         0   0.34722E-02  397118.7 3767123.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000094         0   0.34722E-02  397127.4 3767125.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000095         0   0.34722E-02  397134.7 3767128.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000096         0   0.34722E-02  397128.6 3767135.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000097         0   0.34722E-02  397122.4 3767141.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000098         0   0.34722E-02  397116.3 3767148.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000099         0   0.34722E-02  397110.1 3767154.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000100         0   0.34722E-02  397103.9 3767161.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000101         0   0.34722E-02  397097.8 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000102         0   0.34722E-02  397091.6 3767174.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000103         0   0.34722E-02  397085.5 3767180.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000104         0   0.34722E-02  397079.3 3767187.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000105         0   0.34722E-02  397073.1 3767194.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000106         0   0.34722E-02  397067.0 3767200.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000107         0   0.34722E-02  397060.8 3767207.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000108         0   0.34722E-02  397054.7 3767213.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000109         0   0.34722E-02  397048.5 3767220.3   113.0     5.10     4.19
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4.74     YES                    NO
 L0000110         0   0.34722E-02  397055.1 3767223.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000111         0   0.34722E-02  397063.7 3767225.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000112         0   0.34722E-02  397071.7 3767226.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000113         0   0.34722E-02  397077.5 3767219.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000114         0   0.34722E-02  397083.3 3767212.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000115         0   0.34722E-02  397089.1 3767205.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000116         0   0.34722E-02  397094.9 3767198.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000117         0   0.34722E-02  397100.7 3767191.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000118         0   0.34722E-02  397106.5 3767185.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000119         0   0.34722E-02  397112.3 3767178.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000120         0   0.34722E-02  397118.1 3767171.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000121         0   0.34722E-02  397123.9 3767164.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000122         0   0.34722E-02  397129.7 3767157.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000123         0   0.34722E-02  397135.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000124         0   0.34722E-02  397141.4 3767143.8   113.0     5.10     4.19
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4.74     YES                    NO
 L0000125         0   0.34722E-02  397147.2 3767136.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000126         0   0.34722E-02  397154.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000127         0   0.34722E-02  397163.3 3767136.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000128         0   0.34722E-02  397163.6 3767141.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000129         0   0.34722E-02  397157.8 3767148.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000130         0   0.34722E-02  397152.0 3767155.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000131         0   0.34722E-02  397146.3 3767162.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000132         0   0.34722E-02  397140.5 3767169.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000133         0   0.34722E-02  397134.7 3767176.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000134         0   0.34722E-02  397128.9 3767183.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000135         0   0.34722E-02  397123.2 3767190.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000136         0   0.34722E-02  397117.4 3767197.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000137         0   0.34722E-02  397111.6 3767203.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000138         0   0.34722E-02  397105.8 3767210.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000139         0   0.34722E-02  397100.0 3767217.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000140         0   0.34722E-02  397094.3 3767224.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000141         0   0.34722E-02  397090.7 3767230.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000142         0   0.34722E-02  397099.5 3767232.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000143         0   0.34722E-02  397108.3 3767234.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000144         0   0.34722E-02  397115.8 3767233.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000145         0   0.34722E-02  397121.2 3767226.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
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4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000161         0   0.34722E-02  397188.3 3767164.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000162         0   0.34722E-02  397182.7 3767171.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000163         0   0.34722E-02  397177.0 3767178.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000164         0   0.34722E-02  397171.4 3767185.6   113.0     5.10     4.19
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4.74     YES                    NO
 L0000165         0   0.34722E-02  397165.7 3767192.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000166         0   0.34722E-02  397160.0 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000167         0   0.34722E-02  397154.4 3767206.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000168         0   0.34722E-02  397148.7 3767213.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000169         0   0.34722E-02  397143.1 3767220.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000170         0   0.34722E-02  397137.4 3767227.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000171         0   0.34722E-02  397131.8 3767234.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000172         0   0.34722E-02  397127.4 3767241.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000173         0   0.34722E-02  397134.6 3767246.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000174         0   0.34722E-02  397138.0 3767254.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000175         0   0.34722E-02  397142.2 3767254.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000176         0   0.34722E-02  397147.6 3767246.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000177         0   0.34722E-02  397153.0 3767239.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000178         0   0.34722E-02  397158.4 3767232.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000179         0   0.34722E-02  397163.8 3767225.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000180         0   0.34722E-02  397169.2 3767218.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000181         0   0.34722E-02  397174.6 3767210.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000182         0   0.34722E-02  397180.0 3767203.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000183         0   0.34722E-02  397185.4 3767196.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000184         0   0.34722E-02  397190.8 3767189.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000185         0   0.34722E-02  397196.3 3767182.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
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4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000201         0   0.34722E-02  397184.8 3767223.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000202         0   0.34722E-02  397178.9 3767230.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000203         0   0.34722E-02  397173.1 3767237.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000204         0   0.34722E-02  397167.2 3767244.0   113.0     5.10     4.19
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4.74     YES                    NO
 L0000205         0   0.34722E-02  397161.4 3767250.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000206         0   0.34722E-02  397155.5 3767257.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000207         0   0.34722E-02  397150.7 3767264.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000208         0   0.34722E-02  397157.1 3767270.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000209         0   0.34722E-02  397163.4 3767277.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000210         0   0.34722E-02  397169.2 3767275.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000211         0   0.34722E-02  397174.8 3767268.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000212         0   0.34722E-02  397180.3 3767261.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000213         0   0.34722E-02  397185.9 3767254.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000214         0   0.34722E-02  397191.4 3767247.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000215         0   0.34722E-02  397197.0 3767239.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000216         0   0.34722E-02  397202.5 3767232.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000217         0   0.34722E-02  397208.1 3767225.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000218         0   0.34722E-02  397213.6 3767218.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000219         0   0.34722E-02  397219.2 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000220         0   0.34722E-02  397224.7 3767204.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000221         0   0.34722E-02  397230.3 3767197.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000222         0   0.34722E-02  397235.8 3767190.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000223         0   0.34722E-02  397241.4 3767183.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000224         0   0.34722E-02  397246.9 3767176.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000225         0   0.34722E-02  397252.5 3767169.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
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4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000241         0   0.34722E-02  397209.2 3767247.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000242         0   0.34722E-02  397203.4 3767254.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000243         0   0.34722E-02  397197.5 3767261.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000244         0   0.34722E-02  397191.7 3767268.0   113.0     5.10     4.19
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4.74     YES                    NO
 L0000245         0   0.34722E-02  397185.8 3767274.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000246         0   0.34722E-02  397180.0 3767281.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000247         0   0.34722E-02  397174.1 3767288.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000248         0   0.34722E-02  397181.8 3767292.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000249         0   0.34722E-02  397189.6 3767297.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000250         0   0.34722E-02  397198.0 3767300.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000251         0   0.34722E-02  397203.8 3767294.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000252         0   0.34722E-02  397209.3 3767287.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000253         0   0.34722E-02  397214.8 3767280.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000254         0   0.34722E-02  397220.3 3767273.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000255         0   0.34722E-02  397225.8 3767266.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000256         0   0.34722E-02  397231.2 3767259.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000257         0   0.34722E-02  397236.7 3767251.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000258         0   0.34722E-02  397242.2 3767244.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000259         0   0.34722E-02  397247.7 3767237.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000260         0   0.34722E-02  397253.2 3767230.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000261         0   0.34722E-02  397258.7 3767223.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
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4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000281         0   0.34722E-02  397270.2 3767238.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000282         0   0.34722E-02  397264.8 3767245.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000283         0   0.34722E-02  397259.3 3767252.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000284         0   0.34722E-02  397253.9 3767259.7   113.0     5.10     4.19
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4.74     YES                    NO
 L0000285         0   0.34722E-02  397248.4 3767266.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000286         0   0.34722E-02  397242.9 3767274.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000287         0   0.34722E-02  397237.5 3767281.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000288         0   0.34722E-02  397232.0 3767288.3   113.0     5.10     4.19
4.74     YES                    NO
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


  GENERATO   EG01        , EG08        , EG24        ,

  AREA       L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,
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L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

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L0000094    , L0000095    , L0000096    ,

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L0000102    , L0000103    , L0000104    ,

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L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

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L0000126    , L0000127    , L0000128    ,

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L0000134    , L0000135    , L0000136    ,

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             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

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L0000174    , L0000175    , L0000176    ,

             L0000177    , L0000178    , L0000179    , L0000180    , L0000181    ,
L0000182    , L0000183    , L0000184    ,

             L0000185    , L0000186    , L0000187    , L0000188    , L0000189    ,
L0000190    , L0000191    , L0000192    ,

             L0000193    , L0000194    , L0000195    , L0000196    , L0000197    ,
L0000198    , L0000199    , L0000200    ,

             L0000201    , L0000202    , L0000203    , L0000204    , L0000205    ,
L0000206    , L0000207    , L0000208    ,

             L0000209    , L0000210    , L0000211    , L0000212    , L0000213    ,
L0000214    , L0000215    , L0000216    ,

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L0000222    , L0000223    , L0000224    ,

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L0000230    , L0000231    , L0000232    ,

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L0000238    , L0000239    , L0000240    ,

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L0000246    , L0000247    , L0000248    ,

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L0000262    , L0000263    , L0000264    ,

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L0000270    , L0000271    , L0000272    ,

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L0000278    , L0000279    , L0000280    ,

             L0000281    , L0000282    , L0000283    , L0000284    , L0000285    ,
L0000286    , L0000287    , L0000288    ,
```

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

             L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
L0000027   , L0000028   , L0000029   ,

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L0000035   , L0000036   , L0000037   ,

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L0000043   , L0000044   , L0000045   ,

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L0000051   , L0000052   , L0000053   ,

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L0000059   , L0000060   , L0000061   ,

             L0000062   , L0000063   , L0000064   , L0000065   , L0000066   ,
L0000067   , L0000068   , L0000069   ,

             L0000070   , L0000071   , L0000072   , L0000073   , L0000074   ,
L0000075   , L0000076   , L0000077   ,

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L0000083   , L0000084   , L0000085   ,

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L0000091   , L0000092   , L0000093   ,

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L0000107    , L0000108    , L0000109    ,

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L0000115    , L0000116    , L0000117    ,

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L0000123    , L0000124    , L0000125    ,

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L0000131    , L0000132    , L0000133    ,

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L0000147    , L0000148    , L0000149    ,

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L0000155    , L0000156    , L0000157    ,

             L0000158    , L0000159    , L0000160    , L0000161    , L0000162    ,
L0000163    , L0000164    , L0000165    ,

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L0000171    , L0000172    , L0000173    ,

             L0000174    , L0000175    , L0000176    , L0000177    , L0000178    ,
L0000179    , L0000180    , L0000181    ,
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

             L0000182    , L0000183    , L0000184    , L0000185    , L0000186    ,
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L0000203   , L0000204   , L0000205   ,

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L0000211   , L0000212   , L0000213   ,

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L0000219   , L0000220   , L0000221   ,

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L0000227   , L0000228   , L0000229   ,

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L0000235   , L0000236   , L0000237   ,

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L0000243   , L0000244   , L0000245   ,

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L0000259   , L0000260   , L0000261   ,

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L0000267   , L0000268   , L0000269   ,

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L0000275   , L0000276   , L0000277   ,

             L0000278   , L0000279   , L0000280   , L0000281   , L0000282   ,
L0000283   , L0000284   , L0000285   ,

             L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
		L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
		L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
		L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
		L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,
		L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
		L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
		L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
		L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
		L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
		L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , L0000085 ,
		L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 ,
		L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 ,
		L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 ,
		L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,

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L0000123 , L0000124 , L0000125 ,

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L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
L0000147 , L0000148 , L0000149 ,

L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
L0000155 , L0000156 , L0000157 ,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,
L0000163 , L0000164 , L0000165 ,

L0000166 , L0000167 , L0000168 , L0000169 , L0000170 ,
L0000171 , L0000172 , L0000173 ,

L0000174 , L0000175 , L0000176 , L0000177 , L0000178 ,
L0000179 , L0000180 , L0000181 ,

L0000182 , L0000183 , L0000184 , L0000185 , L0000186 ,
L0000187 , L0000188 , L0000189 ,

L0000190 , L0000191 , L0000192 , L0000193 , L0000194 ,
L0000195 , L0000196 , L0000197 ,

L0000198 , L0000199 , L0000200 , L0000201 , L0000202 ,
L0000203 , L0000204 , L0000205 ,

L0000206 , L0000207 , L0000208 , L0000209 , L0000210 ,

L0000211   , L0000212   , L0000213   ,

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L0000227   , L0000228   , L0000229   ,

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L0000243   , L0000244   , L0000245   ,

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L0000251   , L0000252   , L0000253   ,

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L0000259   , L0000260   , L0000261   ,

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L0000267   , L0000268   , L0000269   ,

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L0000275   , L0000276   , L0000277   ,

             L0000278   , L0000279   , L0000280   , L0000281   , L0000282   ,
L0000283   , L0000284   , L0000285   ,

             L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG01
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -85.5, -116.3,   2   12.8, 270.0, 223.9,
-82.6, -112.3,
    3   12.8, 247.8, 251.8, -77.2, -105.0,   4   12.8, 218.1, 272.0,
-69.4, -94.4,
    5   12.8, 181.7, 283.9, -59.5, -81.0,   6   12.8, 139.9, 287.3,

```
-47.9,  -65.1,
    7   12.8,   93.7,  281.9,  -34.7,  -47.3,      8   12.8,  103.9,  285.9,
-29.4,  -31.6,
    9   12.8,  148.8,  289.4,  -28.0,  -11.5,     10   12.8,  189.2,  284.0,
-25.7,    9.1,
   11   12.8,  223.9,  270.0,  -22.7,   29.3,     12   12.8,  251.8,  247.8,
-18.9,   48.7,
   13   12.8,  272.0,  218.1,  -14.6,   66.6,     14   12.8,  283.9,  181.7,
-9.9,   82.4,
   15   12.8,  287.3,  139.9,   -4.8,   95.8,     16   12.8,  281.9,   93.7,
0.4,  106.2,
   17   12.8,  285.9,  103.9,  -20.3,  113.5,     18   12.8,  289.4,  148.8,
-62.9,  116.7,
   19   12.8,  284.0,  189.2, -103.7,  116.3,     20   12.8,  270.0,  223.9,
-141.3,  112.3,
   21   12.8,  247.8,  251.8, -174.6,  105.0,     22   12.8,  218.1,  272.0,
-202.6,   94.4,
   23   12.8,  181.7,  283.9, -224.4,   81.0,     24   12.8,  139.9,  287.3,
-239.4,   65.1,
   25   12.8,   93.7,  281.9, -247.2,   47.3,     26   12.8,  103.9,  285.9,
-256.5,   31.6,
   27   12.8,  148.8,  289.4, -261.4,   11.5,     28   12.8,  189.2,  284.0,
-258.3,   -9.1,
   29   12.8,  223.9,  270.0, -247.3,  -29.3,     30   12.8,  251.8,  247.8,
-228.9,  -48.7,
   31   12.8,  272.0,  218.1, -203.5,  -66.6,     32   12.8,  283.9,  181.7,
-171.9,  -82.4,
   33   12.8,  287.3,  139.9, -135.1,  -95.8,     34   12.8,  281.9,   93.7,
-94.1, -106.2,
   35   12.8,  285.9,  103.9,  -83.6, -113.5,     36   12.8,  289.4,  148.8,
-85.9, -116.7,


 SOURCE ID: EG08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -114.4,  -54.9,      2   12.8,  270.0,  223.9,
-121.7,  -56.9,
    3   12.8,  247.8,  251.8, -125.3,  -57.2,      4   12.8,  218.1,  272.0,
-125.1,  -55.7,
    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
```

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   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
```

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-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  18
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG08   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG24   ; SOURCE TYPE = POINT   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  21
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 396558.3, 3766771.1,      87.6,     105.5,       2.0);         ( 396598.3,
3766771.1,      91.2,     105.5,       2.0);
     ( 396638.3, 3766771.1,      99.2,     100.5,       2.0);         ( 396678.3,
3766771.1,     103.0,     103.0,       2.0);
     ( 396718.3, 3766771.1,     105.1,     105.1,       2.0);         ( 396758.3,
3766771.1,     104.2,     105.0,       2.0);
     ( 396798.3, 3766771.1,     100.8,     100.8,       2.0);         ( 396838.3,
3766771.1,     100.7,     100.7,       2.0);
     ( 396878.3, 3766771.1,     100.6,     100.6,       2.0);         ( 396918.3,
3766771.1,     101.1,     101.1,       2.0);
     ( 396958.3, 3766771.1,     101.5,     101.5,       2.0);         ( 396998.3,
3766771.1,     101.5,     101.5,       2.0);
     ( 397038.3, 3766771.1,     101.3,     101.3,       2.0);         ( 397078.3,
```

```
3766771.1,     101.1,     185.1,       2.0);
     ( 397118.3, 3766771.1,     100.2,     185.1,       2.0);         ( 397158.3,
3766771.1,      98.7,     187.7,       2.0);
     ( 397198.3, 3766771.1,      98.3,     188.4,       2.0);         ( 397238.3,
3766771.1,      98.6,     188.6,       2.0);
     ( 397278.3, 3766771.1,      99.2,     188.6,       2.0);         ( 397318.3,
3766771.1,      99.9,     188.6,       2.0);
     ( 397358.3, 3766771.1,     100.6,     188.6,       2.0);         ( 397398.3,
3766771.1,     101.5,     189.8,       2.0);
     ( 397438.3, 3766771.1,     102.2,     191.1,       2.0);         ( 397478.3,
3766771.1,     103.1,     191.1,       2.0);
     ( 397518.3, 3766771.1,     103.9,     191.1,       2.0);         ( 397558.3,
3766771.1,     104.6,     191.1,       2.0);
     ( 397598.3, 3766771.1,     105.3,     191.1,       2.0);         ( 397638.3,
3766771.1,     106.0,     191.1,       2.0);
     ( 397678.3, 3766771.1,     106.6,     191.1,       2.0);         ( 397718.3,
3766771.1,     106.6,     191.1,       2.0);
     ( 396558.3, 3766811.1,      87.7,     105.5,       2.0);         ( 396598.3,
3766811.1,      89.4,     105.5,       2.0);
     ( 396638.3, 3766811.1,      97.3,     104.7,       2.0);         ( 396678.3,
3766811.1,     102.7,     104.1,       2.0);
     ( 396718.3, 3766811.1,     102.9,     102.9,       2.0);         ( 396758.3,
3766811.1,     100.1,     105.5,       2.0);
     ( 396798.3, 3766811.1,     100.2,     100.2,       2.0);         ( 396838.3,
3766811.1,     100.5,     100.5,       2.0);
     ( 396878.3, 3766811.1,     100.7,     100.7,       2.0);         ( 396918.3,
3766811.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766811.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766811.1,     102.4,     102.4,       2.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       2.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
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3766851.1,   96.9,   104.7,   2.0);
     (396718.3, 3766851.1,   98.6,   104.7,   2.0);   (396758.3,
3766851.1,   98.5,   98.5,   2.0);
     (396798.3, 3766851.1,   99.2,   99.2,   2.0);   (396838.3,
3766851.1,   100.0,   100.0,   2.0);
     (396878.3, 3766851.1,   101.2,   101.2,   2.0);   (396918.3,
3766851.1,   101.4,   101.4,   2.0);
     (396958.3, 3766851.1,   102.1,   102.1,   2.0);   (396998.3,
3766851.1,   102.7,   102.7,   2.0);
     (397038.3, 3766851.1,   102.8,   102.8,   2.0);   (397078.3,
3766851.1,   103.5,   103.5,   2.0);
     (397118.3, 3766851.1,   104.5,   104.5,   2.0);   (397158.3,
3766851.1,   104.8,   104.8,   2.0);
     (397198.3, 3766851.1,   104.2,   104.2,   2.0);   (397238.3,
3766851.1,   103.8,   184.7,   2.0);
     (397278.3, 3766851.1,   102.9,   187.0,   2.0);   (397318.3,
3766851.1,   101.3,   188.6,   2.0);
     (397358.3, 3766851.1,   101.6,   188.6,   2.0);   (397398.3,
3766851.1,   102.3,   188.6,   2.0);
     (397438.3, 3766851.1,   103.2,   189.8,   2.0);   (397478.3,
3766851.1,   104.0,   190.2,   2.0);
     (397518.3, 3766851.1,   104.7,   191.1,   2.0);   (397558.3,
3766851.1,   105.4,   191.1,   2.0);
     (397598.3, 3766851.1,   106.1,   191.1,   2.0);   (397638.3,
3766851.1,   106.8,   191.1,   2.0);
     (397678.3, 3766851.1,   107.5,   191.1,   2.0);   (397718.3,
3766851.1,   108.2,   191.1,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396558.3, 3766891.1,   89.9,   133.9,   2.0);   (396598.3,
3766891.1,   89.3,   133.9,   2.0);
     (396638.3, 3766891.1,   91.7,   104.7,   2.0);   (396678.3,
3766891.1,   96.0,   96.0,   2.0);
     (396718.3, 3766891.1,   97.4,   97.4,   2.0);   (396758.3,
3766891.1,   98.2,   98.2,   2.0);
     (396798.3, 3766891.1,   98.9,   98.9,   2.0);   (396838.3,
3766891.1,   99.6,   99.6,   2.0);
     (396878.3, 3766891.1,   100.9,   100.9,   2.0);   (396918.3,
3766891.1,   100.8,   100.8,   2.0);
     (396958.3, 3766891.1,   101.7,   101.7,   2.0);   (396998.3,

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     ( 397038.3, 3766891.1,     103.1,     103.1,       2.0);         ( 397078.3,
3766891.1,     105.4,     105.4,       2.0);
     ( 397118.3, 3766891.1,     106.4,     106.4,       2.0);         ( 397158.3,
3766891.1,     105.5,     105.5,       2.0);
     ( 397198.3, 3766891.1,     106.8,     106.8,       2.0);         ( 397238.3,
3766891.1,     106.2,     106.2,       2.0);
     ( 397278.3, 3766891.1,     106.0,     106.0,       2.0);         ( 397318.3,
3766891.1,     105.6,     184.0,       2.0);
     ( 397358.3, 3766891.1,     104.0,     188.3,       2.0);         ( 397398.3,
3766891.1,     102.9,     188.6,       2.0);
     ( 397438.3, 3766891.1,     103.4,     188.6,       2.0);         ( 397478.3,
3766891.1,     104.2,     189.8,       2.0);
     ( 397518.3, 3766891.1,     105.2,     190.2,       2.0);         ( 397558.3,
3766891.1,     105.8,     191.1,       2.0);
     ( 397598.3, 3766891.1,     106.5,     191.1,       2.0);         ( 397638.3,
3766891.1,     107.2,     191.1,       2.0);
     ( 397678.3, 3766891.1,     107.9,     191.1,       2.0);         ( 397718.3,
3766891.1,     108.8,     191.1,       2.0);
     ( 396558.3, 3766931.1,      91.6,     135.0,       2.0);         ( 396598.3,
3766931.1,      91.1,     135.0,       2.0);
     ( 396638.3, 3766931.1,      93.8,      93.8,       2.0);         ( 396678.3,
3766931.1,      94.9,      94.9,       2.0);
     ( 396718.3, 3766931.1,      97.3,      97.3,       2.0);         ( 396758.3,
3766931.1,      98.4,      98.4,       2.0);
     ( 396798.3, 3766931.1,      99.1,      99.1,       2.0);         ( 396838.3,
3766931.1,      99.5,      99.5,       2.0);
     ( 396878.3, 3766931.1,     100.0,     100.0,       2.0);         ( 396918.3,
3766931.1,     100.6,     100.6,       2.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       2.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       2.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       2.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       2.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       2.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       2.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       2.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       2.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       2.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       2.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       2.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       2.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       2.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       2.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       2.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       2.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       2.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       2.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       2.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       2.0);         ( 396598.3,
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3766971.1,   92.7,   135.5,   2.0);
     (396638.3, 3766971.1,   94.0,   135.0,   2.0);   (396678.3,
3766971.1,   95.0,   133.9,   2.0);
     (396718.3, 3766971.1,   96.8,   96.8,   2.0);   (396758.3,
3766971.1,   98.2,   98.2,   2.0);
     (396798.3, 3766971.1,   99.2,   99.2,   2.0);   (396838.3,
3766971.1,   100.1,   100.1,   2.0);
     (396878.3, 3766971.1,   100.1,   100.1,   2.0);   (396918.3,
3766971.1,   100.5,   100.5,   2.0);
     (396958.3, 3766971.1,   101.3,   134.6,   2.0);   (396998.3,
3766971.1,   103.3,   103.3,   2.0);
     (397038.3, 3766971.1,   105.5,   105.5,   2.0);   (397078.3,
3766971.1,   107.4,   107.4,   2.0);
     (397118.3, 3766971.1,   109.2,   109.2,   2.0);   (397158.3,
3766971.1,   109.7,   109.7,   2.0);
     (397198.3, 3766971.1,   109.7,   109.7,   2.0);   (397238.3,
3766971.1,   109.6,   109.6,   2.0);
     (397278.3, 3766971.1,   109.3,   149.0,   2.0);   (397318.3,
3766971.1,   110.3,   149.0,   2.0);
     (397358.3, 3766971.1,   115.5,   117.7,   2.0);   (397398.3,
3766971.1,   114.0,   118.2,   2.0);
     (397438.3, 3766971.1,   109.0,   149.0,   2.0);   (397478.3,
3766971.1,   107.3,   186.4,   2.0);
     (397518.3, 3766971.1,   107.2,   188.3,   2.0);   (397558.3,
3766971.1,   107.1,   188.6,   2.0);
     (397598.3, 3766971.1,   107.4,   190.2,   2.0);   (397638.3,
3766971.1,   107.7,   190.6,   2.0);
     (397678.3, 3766971.1,   107.8,   191.1,   2.0);   (397718.3,
3766971.1,   110.6,   191.1,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (396558.3, 3767011.1,   94.7,   135.7,   2.0);   (396598.3,
3767011.1,   93.5,   135.7,   2.0);
     (396638.3, 3767011.1,   94.6,   135.5,   2.0);   (396678.3,
3767011.1,   96.0,   135.0,   2.0);
     (396718.3, 3767011.1,   97.0,   133.9,   2.0);   (396758.3,
3767011.1,   98.4,   98.4,   2.0);
     (396798.3, 3767011.1,   99.5,   99.5,   2.0);   (396838.3,
3767011.1,   100.6,   100.6,   2.0);
     (396878.3, 3767011.1,   100.9,   134.6,   2.0);   (396918.3,

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3767011.1,     101.3,     134.6,       2.0);
     ( 396958.3, 3767011.1,     101.5,     134.7,       2.0);         ( 396998.3,
3767011.1,     103.7,     134.6,       2.0);
     ( 397038.3, 3767011.1,     105.8,     134.6,       2.0);         ( 397078.3,
3767011.1,     107.7,     107.7,       2.0);
     ( 397118.3, 3767011.1,     109.4,     109.4,       2.0);         ( 397158.3,
3767011.1,     109.6,     109.6,       2.0);
     ( 397198.3, 3767011.1,     109.7,     147.6,       2.0);         ( 397238.3,
3767011.1,     109.5,     149.0,       2.0);
     ( 397278.3, 3767011.1,     110.1,     149.0,       2.0);         ( 397318.3,
3767011.1,     111.3,     149.0,       2.0);
     ( 397358.3, 3767011.1,     116.5,     147.6,       2.0);         ( 397398.3,
3767011.1,     118.0,     118.0,       2.0);
     ( 397438.3, 3767011.1,     113.2,     149.0,       2.0);         ( 397478.3,
3767011.1,     109.0,     149.0,       2.0);
     ( 397518.3, 3767011.1,     108.0,     149.0,       2.0);         ( 397558.3,
3767011.1,     107.9,     187.3,       2.0);
     ( 397598.3, 3767011.1,     107.9,     188.3,       2.0);         ( 397638.3,
3767011.1,     108.1,     189.8,       2.0);
     ( 397678.3, 3767011.1,     108.0,     190.6,       2.0);         ( 397718.3,
3767011.1,     111.5,     190.2,       2.0);
     ( 396558.3, 3767051.1,      96.1,     135.7,       2.0);         ( 396598.3,
3767051.1,      95.6,     135.7,       2.0);
     ( 396638.3, 3767051.1,      95.1,     135.7,       2.0);         ( 396678.3,
3767051.1,      96.7,     135.7,       2.0);
     ( 396718.3, 3767051.1,      97.9,     135.5,       2.0);         ( 396758.3,
3767051.1,      99.0,     133.9,       2.0);
     ( 396798.3, 3767051.1,     100.2,     134.6,       2.0);         ( 396838.3,
3767051.1,     101.2,     134.6,       2.0);
     ( 396878.3, 3767051.1,     102.1,     134.6,       2.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       2.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
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3767051.1,   112.3,   184.8,   2.0);
     (396558.3, 3767091.1,   98.4,   135.7,   2.0);   (396598.3,
3767091.1,   98.8,   135.7,   2.0);
     (396638.3, 3767091.1,   96.8,   135.7,   2.0);   (396678.3,
3767091.1,   96.6,   135.7,   2.0);
     (396718.3, 3767091.1,   98.4,   135.7,   2.0);   (396758.3,
3767091.1,   99.8,   135.0,   2.0);
     (396798.3, 3767091.1,   100.9,   134.6,   2.0);   (396838.3,
3767091.1,   102.1,   142.2,   2.0);
     (396878.3, 3767091.1,   102.9,   142.2,   2.0);   (396918.3,
3767091.1,   103.6,   142.2,   2.0);
     (396958.3, 3767091.1,   104.0,   142.2,   2.0);   (396998.3,
3767091.1,   105.4,   142.2,   2.0);
     (397078.3, 3767091.1,   107.8,   147.6,   2.0);   (397118.3,
3767091.1,   108.7,   149.0,   2.0);
     (397158.3, 3767091.1,   109.1,   149.0,   2.0);   (397198.3,
3767091.1,   109.5,   149.0,   2.0);
     (397238.3, 3767091.1,   109.5,   149.0,   2.0);   (397278.3,
3767091.1,   110.5,   149.0,   2.0);
     (397318.3, 3767091.1,   111.9,   149.0,   2.0);   (397358.3,
3767091.1,   113.8,   149.0,   2.0);
     (397398.3, 3767091.1,   116.6,   149.0,   2.0);   (397438.3,
3767091.1,   117.2,   149.0,   2.0);
     (397478.3, 3767091.1,   118.2,   149.0,   2.0);   (397518.3,
3767091.1,   117.6,   149.0,   2.0);
     (397558.3, 3767091.1,   117.9,   149.0,   2.0);   (397598.3,
3767091.1,   114.8,   149.0,   2.0);
     (397638.3, 3767091.1,   110.9,   149.0,   2.0);   (397678.3,
3767091.1,   110.4,   149.0,   2.0);
     (397718.3, 3767091.1,   112.0,   147.2,   2.0);   (396558.3,
3767131.1,   101.2,   135.7,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     (396598.3, 3767131.1,   101.2,   135.7,   2.0);   (396638.3,
3767131.1,   100.3,   135.7,   2.0);
     (396678.3, 3767131.1,   97.7,   135.7,   2.0);   (396718.3,
3767131.1,   98.2,   135.7,   2.0);
     (396758.3, 3767131.1,   100.1,   142.2,   2.0);   (396798.3,
3767131.1,   101.8,   142.2,   2.0);
     (396838.3, 3767131.1,   103.2,   142.2,   2.0);   (396878.3,

```
3767131.1,     104.6,     142.2,       2.0);
     ( 396918.3, 3767131.1,     104.8,     142.2,       2.0);         ( 396958.3,
3767131.1,     106.1,     142.2,       2.0);
     ( 397238.3, 3767131.1,     111.0,     149.0,       2.0);         ( 397278.3,
3767131.1,     111.3,     149.0,       2.0);
     ( 397318.3, 3767131.1,     112.3,     149.0,       2.0);         ( 397358.3,
3767131.1,     114.1,     149.0,       2.0);
     ( 397398.3, 3767131.1,     116.4,     149.0,       2.0);         ( 397438.3,
3767131.1,     117.3,     149.0,       2.0);
     ( 397478.3, 3767131.1,     119.7,     149.0,       2.0);         ( 397518.3,
3767131.1,     119.3,     149.0,       2.0);
     ( 397558.3, 3767131.1,     119.0,     149.0,       2.0);         ( 397598.3,
3767131.1,     117.4,     149.0,       2.0);
     ( 397638.3, 3767131.1,     112.6,     149.0,       2.0);         ( 397678.3,
3767131.1,     111.8,     149.0,       2.0);
     ( 397718.3, 3767131.1,     112.0,     148.5,       2.0);         ( 396558.3,
3767171.1,     104.7,     135.7,       2.0);
     ( 396598.3, 3767171.1,     103.9,     135.7,       2.0);         ( 396638.3,
3767171.1,     103.5,     135.7,       2.0);
     ( 396678.3, 3767171.1,     100.8,     135.7,       2.0);         ( 396718.3,
3767171.1,      98.7,     142.2,       2.0);
     ( 396758.3, 3767171.1,      99.9,     142.2,       2.0);         ( 396798.3,
3767171.1,     102.6,     142.2,       2.0);
     ( 396838.3, 3767171.1,     104.8,     142.2,       2.0);         ( 396878.3,
3767171.1,     107.3,     142.2,       2.0);
     ( 396918.3, 3767171.1,     109.2,     142.2,       2.0);         ( 397438.3,
3767171.1,     117.8,     149.0,       2.0);
     ( 397478.3, 3767171.1,     118.3,     149.0,       2.0);         ( 397518.3,
3767171.1,     117.1,     149.0,       2.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       2.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
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3767211.1,   115.3,   149.3,   2.0);
     (397678.3, 3767211.1,   115.4,   149.3,   2.0);   (397718.3,
3767211.1,   114.8,   148.9,   2.0);
     (396558.3, 3767251.1,   111.2,   135.7,   2.0);   (396598.3,
3767251.1,   110.0,   135.7,   2.0);
     (396638.3, 3767251.1,   109.5,   135.7,   2.0);   (396678.3,
3767251.1,   109.1,   135.7,   2.0);
     (396718.3, 3767251.1,   105.3,   136.3,   2.0);   (396758.3,
3767251.1,   101.1,   187.0,   2.0);
     (396798.3, 3767251.1,   102.0,   187.3,   2.0);   (396838.3,
3767251.1,   104.5,   187.3,   2.0);
     (396878.3, 3767251.1,   109.0,   142.2,   2.0);   (396918.3,
3767251.1,   117.0,   142.2,   2.0);
     (396958.3, 3767251.1,   119.7,   142.2,   2.0);   (396998.3,
3767251.1,   121.8,   142.2,   2.0);
     (397038.3, 3767251.1,   123.3,   142.2,   2.0);   (397078.3,
3767251.1,   120.5,   142.2,   2.0);
     (397118.3, 3767251.1,   113.7,   187.6,   2.0);   (397318.3,
3767251.1,   118.7,   149.0,   2.0);
     (397358.3, 3767251.1,   124.9,   149.0,   2.0);   (397398.3,
3767251.1,   133.5,   149.0,   2.0);
     (397438.3, 3767251.1,   134.6,   149.0,   2.0);   (397478.3,
3767251.1,   130.7,   149.0,   2.0);
     (397518.3, 3767251.1,   125.3,   149.0,   2.0);   (397558.3,
3767251.1,   123.5,   149.3,   2.0);
     (397598.3, 3767251.1,   121.4,   149.3,   2.0);   (397638.3,
3767251.1,   118.3,   149.6,   2.0);
     (397678.3, 3767251.1,   117.5,   149.3,   2.0);   (397718.3,
3767251.1,   116.6,   149.2,   2.0);
     (396558.3, 3767291.1,   125.5,   135.5,   2.0);   (396598.3,
3767291.1,   120.7,   135.7,   2.0);
     (396638.3, 3767291.1,   119.2,   135.7,   2.0);   (396678.3,
3767291.1,   115.6,   135.7,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396718.3, 3767291.1,   111.7,   135.7,   2.0);   (396758.3,
3767291.1,   102.9,   187.3,   2.0);
     (396798.3, 3767291.1,   102.6,   188.3,   2.0);   (396838.3,
3767291.1,   104.8,   188.3,   2.0);
     (396878.3, 3767291.1,   115.3,   142.2,   2.0);   (396918.3,

3767291.1,   120.6,   142.2,   2.0);
     (396958.3, 3767291.1,   122.8,   142.2,   2.0);   (396998.3,
3767291.1,   128.6,   140.2,   2.0);
     (397038.3, 3767291.1,   134.4,   134.4,   2.0);   (397078.3,
3767291.1,   132.8,   134.1,   2.0);
     (397118.3, 3767291.1,   125.5,   142.2,   2.0);   (397158.3,
3767291.1,   115.4,   188.9,   2.0);
     (397278.3, 3767291.1,   120.7,   149.0,   2.0);   (397318.3,
3767291.1,   124.3,   149.0,   2.0);
     (397358.3, 3767291.1,   133.3,   149.0,   2.0);   (397398.3,
3767291.1,   143.5,   147.8,   2.0);
     (397438.3, 3767291.1,   143.7,   147.8,   2.0);   (397478.3,
3767291.1,   139.6,   148.3,   2.0);
     (397518.3, 3767291.1,   137.4,   148.5,   2.0);   (397558.3,
3767291.1,   138.5,   145.4,   2.0);
     (397598.3, 3767291.1,   136.8,   144.6,   2.0);   (397638.3,
3767291.1,   127.3,   148.8,   2.0);
     (397678.3, 3767291.1,   120.5,   149.3,   2.0);   (397718.3,
3767291.1,   118.7,   150.4,   2.0);
     (396558.3, 3767331.1,   134.0,   134.0,   2.0);   (396598.3,
3767331.1,   131.8,   131.8,   2.0);
     (396638.3, 3767331.1,   128.4,   129.7,   2.0);   (396678.3,
3767331.1,   120.2,   135.7,   2.0);
     (396718.3, 3767331.1,   114.9,   135.7,   2.0);   (396758.3,
3767331.1,   105.4,   187.6,   2.0);
     (396798.3, 3767331.1,   103.5,   188.9,   2.0);   (396838.3,
3767331.1,   105.5,   188.9,   2.0);
     (396878.3, 3767331.1,   116.4,   178.2,   2.0);   (396918.3,
3767331.1,   122.3,   142.2,   2.0);
     (396958.3, 3767331.1,   125.5,   142.2,   2.0);   (396998.3,
3767331.1,   127.4,   142.2,   2.0);
     (397038.3, 3767331.1,   133.7,   140.2,   2.0);   (397078.3,
3767331.1,   135.0,   135.0,   2.0);
     (397118.3, 3767331.1,   132.2,   142.2,   2.0);   (397158.3,
3767331.1,   126.8,   142.2,   2.0);
     (397198.3, 3767331.1,   125.9,   149.0,   2.0);   (397238.3,
3767331.1,   124.0,   149.0,   2.0);
     (397278.3, 3767331.1,   125.5,   149.0,   2.0);   (397318.3,
3767331.1,   131.3,   149.0,   2.0);
     (397358.3, 3767331.1,   138.4,   149.0,   2.0);   (397398.3,
3767331.1,   147.7,   147.7,   2.0);
     (397438.3, 3767331.1,   147.6,   147.6,   2.0);   (397478.3,
3767331.1,   145.7,   145.7,   2.0);
     (397518.3, 3767331.1,   145.0,   145.0,   2.0);   (397558.3,
3767331.1,   144.4,   144.4,   2.0);
     (397598.3, 3767331.1,   143.6,   143.6,   2.0);   (397638.3,
3767331.1,   138.8,   144.5,   2.0);
     (397678.3, 3767331.1,   127.8,   148.8,   2.0);   (397718.3,
3767331.1,   121.9,   150.4,   2.0);
     (396558.3, 3767371.1,   134.8,   134.8,   2.0);   (396598.3,

3767371.1,   129.8,   135.5,   2.0);
     (396638.3, 3767371.1,   125.8,   135.7,   2.0);   (396678.3,
3767371.1,   118.3,   136.3,   2.0);
     (396718.3, 3767371.1,   112.6,   179.2,   2.0);   (396758.3,
3767371.1,   107.4,   187.6,   2.0);
     (396798.3, 3767371.1,   104.9,   188.9,   2.0);   (396838.3,
3767371.1,   105.7,   188.9,   2.0);
     (396878.3, 3767371.1,   114.0,   187.6,   2.0);   (396918.3,
3767371.1,   120.9,   178.2,   2.0);
     (396958.3, 3767371.1,   125.6,   142.2,   2.0);   (396998.3,
3767371.1,   127.5,   142.2,   2.0);
     (397038.3, 3767371.1,   134.4,   142.2,   2.0);   (397078.3,
3767371.1,   138.0,   140.2,   2.0);
     (397118.3, 3767371.1,   135.8,   141.9,   2.0);   (397158.3,
3767371.1,   135.4,   137.8,   2.0);
     (397198.3, 3767371.1,   132.5,   139.4,   2.0);   (397238.3,
3767371.1,   129.2,   149.0,   2.0);
     (397278.3, 3767371.1,   129.5,   149.0,   2.0);   (397318.3,
3767371.1,   134.3,   149.0,   2.0);
     (397358.3, 3767371.1,   138.9,   149.0,   2.0);   (397398.3,
3767371.1,   148.1,   148.1,   2.0);
     (397438.3, 3767371.1,   148.3,   148.3,   2.0);   (397478.3,
3767371.1,   147.7,   147.7,   2.0);
     (397518.3, 3767371.1,   146.8,   146.8,   2.0);   (397558.3,
3767371.1,   145.8,   145.8,   2.0);
     (397598.3, 3767371.1,   144.6,   144.6,   2.0);   (397638.3,
3767371.1,   144.0,   144.0,   2.0);
     (397678.3, 3767371.1,   139.7,   144.9,   2.0);   (397718.3,
3767371.1,   129.0,   149.1,   2.0);
     (396558.3, 3767411.1,   135.2,   135.2,   2.0);   (396598.3,
3767411.1,   128.0,   135.7,   2.0);
     (396638.3, 3767411.1,   121.1,   136.3,   2.0);   (396678.3,
3767411.1,   115.7,   179.2,   2.0);
     (396718.3, 3767411.1,   112.4,   186.6,   2.0);   (396758.3,
3767411.1,   108.8,   188.3,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (396798.3, 3767411.1,   106.0,   188.9,   2.0);   (396838.3,
3767411.1,   106.9,   188.9,   2.0);
     (396878.3, 3767411.1,   113.9,   188.9,   2.0);   (396918.3,

```
3767411.1,     119.2,     188.3,       2.0);
     ( 396958.3, 3767411.1,     125.5,     186.6,       2.0);         ( 396998.3,
3767411.1,     131.9,     142.2,       2.0);
     ( 397038.3, 3767411.1,     138.6,     142.2,       2.0);         ( 397078.3,
3767411.1,     141.9,     141.9,       2.0);
     ( 397118.3, 3767411.1,     140.9,     141.2,       2.0);         ( 397158.3,
3767411.1,     137.9,     139.4,       2.0);
     ( 397198.3, 3767411.1,     134.3,     134.3,       2.0);         ( 397238.3,
3767411.1,     131.6,     187.6,       2.0);
     ( 397278.3, 3767411.1,     130.9,     187.6,       2.0);         ( 397318.3,
3767411.1,     134.1,     149.0,       2.0);
     ( 397358.3, 3767411.1,     137.6,     149.0,       2.0);         ( 397398.3,
3767411.1,     146.7,     147.7,       2.0);
     ( 397438.3, 3767411.1,     148.4,     148.4,       2.0);         ( 397478.3,
3767411.1,     148.7,     148.7,       2.0);
     ( 397518.3, 3767411.1,     148.2,     148.2,       2.0);         ( 397558.3,
3767411.1,     147.1,     147.1,       2.0);
     ( 397598.3, 3767411.1,     145.6,     145.6,       2.0);         ( 397638.3,
3767411.1,     144.9,     144.9,       2.0);
     ( 397678.3, 3767411.1,     144.9,     144.9,       2.0);         ( 397718.3,
3767411.1,     139.1,     145.3,       2.0);
     ( 396558.3, 3767451.1,     133.6,     133.6,       2.0);         ( 396598.3,
3767451.1,     127.7,     135.7,       2.0);
     ( 396638.3, 3767451.1,     120.9,     136.8,       2.0);         ( 396678.3,
3767451.1,     117.4,     179.2,       2.0);
     ( 396718.3, 3767451.1,     115.4,     186.6,       2.0);         ( 396758.3,
3767451.1,     110.2,     188.9,       2.0);
     ( 396798.3, 3767451.1,     106.8,     188.9,       2.0);         ( 396838.3,
3767451.1,     108.8,     188.9,       2.0);
     ( 396878.3, 3767451.1,     113.5,     188.9,       2.0);         ( 396918.3,
3767451.1,     118.9,     188.9,       2.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       2.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       2.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       2.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       2.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       2.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       2.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       2.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       2.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       2.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       2.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       2.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       2.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       2.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       2.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       2.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       2.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       2.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       2.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       2.0);         ( 397718.3,
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3767451.1,   143.1,   143.1,   2.0);
     (396558.3, 3767491.1,   132.0,   132.0,   2.0);   (396598.3,
3767491.1,   127.6,   136.8,   2.0);
     (396638.3, 3767491.1,   126.6,   136.8,   2.0);   (396678.3,
3767491.1,   125.9,   136.8,   2.0);
     (396718.3, 3767491.1,   122.0,   179.2,   2.0);   (396758.3,
3767491.1,   112.0,   188.9,   2.0);
     (396798.3, 3767491.1,   107.5,   188.9,   2.0);   (396838.3,
3767491.1,   109.0,   188.9,   2.0);
     (396878.3, 3767491.1,   112.7,   188.9,   2.0);   (396918.3,
3767491.1,   118.4,   188.9,   2.0);
     (396958.3, 3767491.1,   123.7,   188.9,   2.0);   (396998.3,
3767491.1,   128.9,   188.9,   2.0);
     (397038.3, 3767491.1,   135.5,   187.0,   2.0);   (397078.3,
3767491.1,   139.6,   139.6,   2.0);
     (397118.3, 3767491.1,   141.3,   141.3,   2.0);   (397158.3,
3767491.1,   140.1,   140.1,   2.0);
     (397198.3, 3767491.1,   137.2,   187.6,   2.0);   (397238.3,
3767491.1,   134.8,   188.9,   2.0);
     (397278.3, 3767491.1,   133.2,   188.9,   2.0);   (397318.3,
3767491.1,   133.0,   188.9,   2.0);
     (397358.3, 3767491.1,   135.1,   188.9,   2.0);   (397398.3,
3767491.1,   141.3,   148.1,   2.0);
     (397438.3, 3767491.1,   145.7,   145.7,   2.0);   (397478.3,
3767491.1,   148.2,   148.2,   2.0);
     (397518.3, 3767491.1,   149.0,   149.0,   2.0);   (397558.3,
3767491.1,   148.5,   148.5,   2.0);
     (397598.3, 3767491.1,   146.5,   146.5,   2.0);   (397638.3,
3767491.1,   146.2,   146.2,   2.0);
     (397678.3, 3767491.1,   145.9,   145.9,   2.0);   (397718.3,
3767491.1,   144.1,   145.4,   2.0);
     (396558.3, 3767531.1,   133.5,   133.5,   2.0);   (396598.3,
3767531.1,   132.4,   136.8,   2.0);
     (396638.3, 3767531.1,   134.6,   136.3,   2.0);   (396678.3,
3767531.1,   133.6,   136.3,   2.0);
     (396718.3, 3767531.1,   125.4,   179.2,   2.0);   (396758.3,
3767531.1,   111.2,   188.9,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                            *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                       (METERS)

     (396798.3, 3767531.1,   108.6,   188.9,   2.0);   (396838.3,

```
3767531.1,     112.0,     188.9,       2.0);
     ( 396878.3, 3767531.1,     113.6,     188.9,       2.0);         ( 396918.3,
3767531.1,     116.8,     188.9,       2.0);
     ( 396958.3, 3767531.1,     121.4,     188.9,       2.0);         ( 396998.3,
3767531.1,     126.2,     188.9,       2.0);
     ( 397038.3, 3767531.1,     133.5,     188.9,       2.0);         ( 397078.3,
3767531.1,     136.9,     188.9,       2.0);
     ( 397118.3, 3767531.1,     140.5,     187.6,       2.0);         ( 397158.3,
3767531.1,     140.7,     187.6,       2.0);
     ( 397198.3, 3767531.1,     138.5,     188.9,       2.0);         ( 397238.3,
3767531.1,     136.3,     188.9,       2.0);
     ( 397278.3, 3767531.1,     134.5,     188.9,       2.0);         ( 397318.3,
3767531.1,     133.7,     188.9,       2.0);
     ( 397358.3, 3767531.1,     134.0,     188.9,       2.0);         ( 397398.3,
3767531.1,     139.0,     188.9,       2.0);
     ( 397438.3, 3767531.1,     146.3,     146.3,       2.0);         ( 397478.3,
3767531.1,     148.9,     148.9,       2.0);
     ( 397518.3, 3767531.1,     149.4,     149.4,       2.0);         ( 397558.3,
3767531.1,     149.1,     149.1,       2.0);
     ( 397598.3, 3767531.1,     147.0,     147.0,       2.0);         ( 397638.3,
3767531.1,     147.3,     147.3,       2.0);
     ( 397678.3, 3767531.1,     147.5,     147.5,       2.0);         ( 397718.3,
3767531.1,     146.1,     147.0,       2.0);
     ( 397320.8, 3767219.1,     114.7,     149.3,       0.0);         ( 397330.8,
3767209.1,     114.5,     149.3,       0.0);
     ( 397340.8, 3767189.1,     113.5,     149.3,       0.0);         ( 397340.8,
3767199.1,     114.0,     149.3,       0.0);
     ( 397340.8, 3767209.1,     115.0,     149.3,       0.0);         ( 397350.8,
3767189.1,     113.7,     149.3,       0.0);
     ( 397350.8, 3767199.1,     114.3,     149.3,       0.0);         ( 397360.8,
3767189.1,     114.1,     149.3,       0.0);
     ( 397360.8, 3767199.1,     114.7,     149.3,       0.0);         ( 397370.8,
3767189.1,     114.4,     149.3,       0.0);
     ( 397380.8, 3767189.1,     114.9,     149.3,       0.0);         ( 396920.4,
3767167.3,     108.8,     142.2,       2.0);
     ( 396990.0, 3767243.5,     119.6,     142.2,       2.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       2.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       2.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       2.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       2.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       2.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       2.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       2.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       2.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       2.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       2.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       2.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       2.0);         ( 396943.6,
3767192.7,     110.6,     142.2,       2.0);
     ( 396966.8, 3767218.1,     114.7,     142.2,       2.0);         ( 397017.0,
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3767233.8,   114.5,   142.2,   2.0);
     (397078.8, 3767231.9,   113.1,   149.0,   2.0);   (397136.1,
3767260.1,   112.9,   188.9,   2.0);
     (397206.5, 3767301.9,   117.8,   188.9,   2.0);   (397298.1,
3767260.6,   118.6,   149.0,   2.0);
     (397335.3, 3767242.3,   119.2,   149.0,   2.0);   (397372.5,
3767224.0,   119.2,   149.0,   2.0);
     (397386.6, 3767167.0,   114.8,   149.0,   2.0);   (397352.6,
3767163.6,   113.6,   149.0,   2.0);
     (397276.4, 3767149.2,   111.9,   149.0,   2.0);   (397234.2,
3767138.3,   111.3,   149.0,   2.0);
     (397192.0, 3767127.3,   110.4,   149.0,   2.0);   (397149.7,
3767116.4,   109.7,   149.0,   2.0);
     (397107.5, 3767105.5,   108.7,   149.0,   2.0);   (397065.2,
3767094.5,   107.4,   142.2,   2.0);
     (396988.8, 3767111.5,   106.3,   142.2,   2.0);   (396954.6,
3767139.4,   106.4,   142.2,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                    * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                      LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                           SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                             ID   XR (METERS)   YR (METERS)
(METERS)
                          -
- - -

                           L0000004   396988.8   3767111.5
0.97
                           L0000005   396988.8   3767111.5
-0.64
                           L0000109   397044.1   3767224.0
-3.28
                           L0000112   397078.8   3767231.9
0.05
                           L0000143   397113.6   3767239.9
-1.57
                           L0000144   397113.6   3767239.9
-2.05

```
                              L0000174            397136.1     3767260.1
-3.36
                              L0000175            397136.1     3767260.1
-0.47
                              L0000208            397158.6     3767280.3
0.54
                              L0000209            397158.6     3767280.3
-3.37
                              L0000250            397206.5     3767301.9
-0.42
                              L0000251            397206.5     3767301.9
-1.30
                              L0000271            397318.7     3767160.1
-0.54
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                       *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                              (METERS/SEC)
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: PICO_V9_ADJU\PICO_V9.SFC
                 Met Version: 16216
   Profile file: PICO_V9_ADJU\PICO_V9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   3166   Upper air station no.:   3190
                 Name: PICO   Name: UNKNOWN

                 Year: 2010   Year: 2010

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - - -
 10 01 01   1 01 -38.6 0.384 -9.000 -9.000 -999. 572.   162.4 0.34   0.73
1.00   3.10 321.   9.1 283.8   5.5
 10 01 01   1 02 -33.5 0.333 -9.000 -9.000 -999. 462.   121.8 0.34   0.73
1.00   2.70 217.   9.1 282.5   5.5
 10 01 01   1 03 -21.9 0.218 -9.000 -9.000 -999. 251.   52.2 0.34   0.73
1.00   1.80 290.   9.1 282.5   5.5
 10 01 01   1 04 -27.1 0.269 -9.000 -9.000 -999. 334.   79.5 0.34   0.73
1.00   2.20 255.   9.1 282.0   5.5
 10 01 01   1 05 -21.9 0.218 -9.000 -9.000 -999. 245.   52.2 0.34   0.73
1.00   1.80 234.   9.1 282.0   5.5
 10 01 01   1 06 -27.1 0.269 -9.000 -9.000 -999. 334.   79.5 0.34   0.73
1.00   2.20 258.   9.1 282.0   5.5
 10 01 01   1 07 -27.2 0.269 -9.000 -9.000 -999. 334.   79.5 0.34   0.73
1.00   2.20 213.   9.1 281.4   5.5
 10 01 01   1 08 -22.6 0.335 -9.000 -9.000 -999. 466.   151.7 0.34   0.73
0.54   2.70 215.   9.1 282.0   5.5
 10 01 01   1 09   26.9 0.249 0.347 0.008   56. 302.   -51.9 0.34   0.73
0.32   1.80 199.   9.1 284.2   5.5

```
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  31
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	13.71551	(10011907)	396598.26	3766771.08	14.58883	(10011907)
396638.26	3766771.08	17.31656	(15022306)	396678.26	3766771.08	21.42413	(15013006)
396718.26	3766771.08	25.33599	(15013006)	396758.26	3766771.08	27.33405	(15090706)
396798.26	3766771.08	28.05746	(15010618)	396838.26	3766771.08	31.47723	(12112007)
396878.26	3766771.08	33.02759	(16101006)	396918.26	3766771.08	36.59183	(16110106)
396958.26	3766771.08	38.14207	(16091506)	396998.26	3766771.08	39.29622	(16011808)
397038.26	3766771.08	40.04445	(16092906)	397078.26	3766771.08	39.89835	(16092906)
397118.26	3766771.08	37.51512	(16111107)	397158.26	3766771.08	34.73740	(10112206)
397198.26	3766771.08	40.04983	(10123106)	397238.26	3766771.08	38.36946	(10123106)
397278.26	3766771.08	42.62977	(10042206)	397318.26	3766771.08	43.83620	(12122608)
397358.26	3766771.08	43.71494	(10012706)	397398.26	3766771.08	46.59847	(10012706)
397438.26	3766771.08	43.57937	(10012706)	397478.26	3766771.08	40.17597	(12020606)
397518.26	3766771.08	38.82053	(12020606)	397558.26	3766771.08	34.56623	(12020606)
397598.26	3766771.08	33.14935	(10111106)	397638.26	3766771.08	30.17898	(10111106)
397678.26	3766771.08	26.00253	(10111106)	397718.26	3766771.08	22.39184	(10040206)
396558.26	3766811.08	14.11375	(10011907)	396598.26	3766811.08	15.45425	(16111406)
396638.26	3766811.08	18.63343	(15100706)	396678.26	3766811.08	21.99436	(12103106)
396718.26	3766811.08	25.60492	(15013006)	396758.26	3766811.08	28.19876	(15013006)
396798.26	3766811.08	30.50604	(15090706)	396838.26	3766811.08	32.98870	(12112007)
396878.26	3766811.08	36.14688	(12112007)	396918.26			

3766811.08 38.07447 (16110106)
396958.26 3766811.08 41.99429 (16110106) 396998.26
3766811.08 41.99477 (16092306)
397038.26 3766811.08 42.87961 (16092906) 397078.26
3766811.08 43.57643 (16092906)
397118.26 3766811.08 41.53578 (16111107) 397158.26
3766811.08 41.27194 (10112206)
397198.26 3766811.08 45.44226 (10123106) 397238.26
3766811.08 43.44799 (10042206)
397278.26 3766811.08 47.97929 (10042206) 397318.26
3766811.08 46.26620 (10012706)
397358.26 3766811.08 51.47089 (10012706) 397398.26
3766811.08 49.98831 (10012706)
397438.26 3766811.08 46.04397 (12020606) 397478.26
3766811.08 44.96598 (12020606)
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3766811.08 39.25056 (10111106)
397598.26 3766811.08 35.51147 (10111106) 397638.26
3766811.08 30.41508 (10111106)
397678.26 3766811.08 27.84212 (10040206) 397718.26
3766811.08 25.01528 (10040206)
396558.26 3766851.08 14.73481 (11032317) 396598.26
3766851.08 15.62335 (16111406)
396638.26 3766851.08 18.88701 (16111406) 396678.26
3766851.08 22.27856 (16111406)
396718.26 3766851.08 25.01772 (15100706) 396758.26
3766851.08 28.34458 (15013006)
396798.26 3766851.08 32.62585 (15013006) 396838.26
3766851.08 35.28024 (15090706)
396878.26 3766851.08 38.81142 (12112007) 396918.26
3766851.08 41.19120 (16101006)
396958.26 3766851.08 44.72026 (16110106) 396998.26
3766851.08 45.79013 (16092306)
397038.26 3766851.08 46.34073 (16011808) 397078.26
3766851.08 47.56273 (16092906)
397118.26 3766851.08 45.30456 (16111107) 397158.26
3766851.08 48.14532 (10123106)
397198.26 3766851.08 50.41500 (10123106) 397238.26
3766851.08 54.22009 (10042206)
397278.26 3766851.08 54.27081 (12122608) 397318.26
3766851.08 56.17123 (10012706)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	56.17095	(10012706)	397398.26	3766851.08	51.98252	(12020606)
397438.26	3766851.08	51.22793	(12020606)	397478.26	3766851.08	47.38551	(10111106)
397518.26	3766851.08	45.60303	(10111106)	397558.26	3766851.08	40.91561	(10111106)
397598.26	3766851.08	36.11756	(10040206)	397638.26	3766851.08	33.51589	(10040206)
397678.26	3766851.08	30.49354	(16091906)	397718.26	3766851.08	27.05499	(15122506)
396558.26	3766891.08	16.12027	(11032317)	396598.26	3766891.08	17.73487	(11032317)
396638.26	3766891.08	19.03090	(11032317)	396678.26	3766891.08	22.97115	(16111406)
396718.26	3766891.08	26.65892	(16111406)	396758.26	3766891.08	29.46343	(15100706)
396798.26	3766891.08	32.98248	(15013006)	396838.26	3766891.08	37.86049	(15013006)
396878.26	3766891.08	40.83650	(15090706)	396918.26	3766891.08	43.84493	(12112007)
396958.26	3766891.08	45.78829	(16101006)	396998.26	3766891.08	49.56716	(16110106)
397038.26	3766891.08	49.82261	(16011808)	397078.26	3766891.08	52.55358	(16092906)
397118.26	3766891.08	49.54515	(16111107)	397158.26	3766891.08	55.03403	(10123106)
397198.26	3766891.08	56.84121	(10042206)	397238.26	3766891.08	63.08290	(10042206)
397278.26	3766891.08	65.10029	(10012706)	397318.26	3766891.08	67.00121	(10012706)
397358.26	3766891.08	59.94079	(12020606)	397398.26	3766891.08	57.62152	(12020606)
397438.26	3766891.08	54.22122	(10111106)	397478.26	3766891.08	51.80238	(10111106)
397518.26	3766891.08	46.14542	(10111106)	397558.26	3766891.08	42.91413	(10040206)

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 3766891.08       36.05062  (16091906)
       397678.26   3766891.08       32.47738  (10032606)               397718.26
 3766891.08       29.01448  (10011407)
       396558.26   3766931.08       16.03891  (11032317)               396598.26
 3766931.08       18.52778  (11032317)
       396638.26   3766931.08       21.10243  (11032317)               396678.26
 3766931.08       22.74146  (11032317)
       396718.26   3766931.08       26.51546  (16111406)               396758.26
 3766931.08       31.34642  (16111406)
       396798.26   3766931.08       34.67674  (15100706)               396838.26
 3766931.08       37.99117  (15013006)
       396878.26   3766931.08       43.43366  (15013006)               396918.26
 3766931.08       45.92791  (15090706)
       396958.26   3766931.08       49.71933  (12112007)               396998.26
 3766931.08       53.75332  (16110106)
       397038.26   3766931.08       56.01380  (16011808)               397078.26
 3766931.08       59.45795  (16092906)
       397118.26   3766931.08       57.21169  (10123106)               397158.26
 3766931.08       67.55775  (10123106)
       397198.26   3766931.08       71.53454  (10042206)               397238.26
 3766931.08       71.78910  (10012706)
       397278.26   3766931.08       76.05955  (10012706)               397318.26
 3766931.08       70.26006  (12020606)
       397358.26   3766931.08       69.21577  (12020606)               397398.26
 3766931.08       64.81600  (10111106)
       397438.26   3766931.08       58.76111  (10111106)               397478.26
 3766931.08       52.66399  (10040206)
       397518.26   3766931.08       50.05121  (16091906)               397558.26
 3766931.08       46.27205  (16091906)
       397598.26   3766931.08       42.20542  (10032606)               397638.26
 3766931.08       38.27193  (10011407)
       397678.26   3766931.08       33.88497  (10011407)               397718.26
 3766931.08       29.33992  (10011407)
       396558.26   3766971.08       14.56824  (11121218)               396598.26
 3766971.08       16.75987  (12112607)
       396638.26   3766971.08       20.35452  (11032317)               396678.26
 3766971.08       23.33081  (12112607)
       396718.26   3766971.08       26.34057  (12112607)               396758.26
 3766971.08       29.52616  (16111406)
       396798.26   3766971.08       35.84978  (16111406)               396838.26
 3766971.08       40.69067  (16111406)
       396878.26   3766971.08       43.65398  (15013006)               396918.26
 3766971.08       50.12318  (15013006)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                      ***       13:18:19
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	53.50225	(12112007)	396998.26	3766971.08	58.66746	(16110106)
397038.26	3766971.08	63.75339	(16091506)	397078.26	3766971.08	68.04843	(16122108)
397118.26	3766971.08	73.91229	(10123106)	397158.26	3766971.08	78.70464	(10123106)
397198.26	3766971.08	98.20847	(12020606)	397238.26	3766971.08	88.59149	(10012706)
397278.26	3766971.08	80.92647	(10012706)	397318.26	3766971.08	77.41369	(12020606)
397358.26	3766971.08	71.53524	(10111106)	397398.26	3766971.08	66.16570	(10111106)
397438.26	3766971.08	62.53955	(10040206)	397478.26	3766971.08	58.16978	(16091906)
397518.26	3766971.08	53.37037	(10032606)	397558.26	3766971.08	48.80652	(10011407)
397598.26	3766971.08	43.62219	(10011407)	397638.26	3766971.08	37.81197	(10011407)
397678.26	3766971.08	33.21170	(10022418)	397718.26	3766971.08	30.19020	(10022418)
396558.26	3767011.08	14.99522	(10100510)	396598.26	3767011.08	16.40781	(10100510)
396638.26	3767011.08	18.15036	(12112607)	396678.26	3767011.08	22.26526	(12112607)
396718.26	3767011.08	26.67188	(12112607)	396758.26	3767011.08	31.14462	(12112607)
396798.26	3767011.08	34.78889	(12112607)	396838.26	3767011.08	40.46357	(16111406)
396878.26	3767011.08	47.31186	(16111406)	396918.26	3767011.08	51.90409	(15100706)
396958.26	3767011.08	59.65918	(15013006)	396998.26	3767011.08	65.90236	(12112007)
397038.26	3767011.08	73.06411	(16110106)	397078.26			

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 3767011.08       90.01136  (16122017)
       397118.26   3767011.08      138.18844  (10042206)                397158.26
 3767011.08      154.18731  (10020206)
       397198.26   3767011.08      171.86159  (10012706)                397238.26
 3767011.08      168.14480  (12020606)
       397278.26   3767011.08      106.66235  (10040206)                397318.26
 3767011.08       83.45445  (10111106)
       397358.26   3767011.08       72.00370  (10040206)                397398.26
 3767011.08       67.89557  (16091906)
       397438.26   3767011.08       65.68391  (10032606)                397478.26
 3767011.08       60.97809  (10011407)
       397518.26   3767011.08       54.45141  (10011407)                397558.26
 3767011.08       47.62573  (11020807)
       397598.26   3767011.08       43.69117  (10022418)                397638.26
 3767011.08       39.39483  (10022418)
       397678.26   3767011.08       35.19960  (12122718)                397718.26
 3767011.08       31.79274  (12122718)
       396558.26   3767051.08       15.86627  (10012618)                396598.26
 3767051.08       17.32360  (10100510)
       396638.26   3767051.08       19.45616  (10100510)                396678.26
 3767051.08       21.78339  (10100510)
       396718.26   3767051.08       24.24348  (11040606)                396758.26
 3767051.08       28.64710  (12112607)
       396798.26   3767051.08       34.78689  (12112607)                396838.26
 3767051.08       40.71023  (12112607)
       396878.26   3767051.08       46.18288  (12112607)                396918.26
 3767051.08       57.19312  (16111406)
       396958.26   3767051.08       63.70873  (15013006)                396998.26
 3767051.08       82.06177  (12112007)
       397038.26   3767051.08      138.55953  (16110106)                397078.26
 3767051.08      168.69563  (16122108)
       397118.26   3767051.08      199.26784  (10123106)                397158.26
 3767051.08      162.49557  (10042206)
       397198.26   3767051.08      162.03089  (10020206)                397238.26
 3767051.08      148.98894  (11011017)
       397278.26   3767051.08      162.16657  (10032606)                397318.26
 3767051.08      119.36282  (15111018)
       397358.26   3767051.08       78.72366  (10032606)                397398.26
 3767051.08       70.15646  (10011407)
       397438.26   3767051.08       64.77316  (10011407)                397478.26
 3767051.08       60.16986  (10022418)
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       397598.26   3767051.08       46.10465  (12122718)                397638.26
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       397678.26   3767051.08       36.03949  (12122718)                397718.26
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	15.28789	(11121406)	396598.26	3767091.08	16.90331	(11111806)
396638.26	3767091.08	18.72297	(11111806)	396678.26	3767091.08	21.42914	(10100510)
396718.26	3767091.08	24.50387	(10100510)	396758.26	3767091.08	27.59099	(11031007)
396798.26	3767091.08	31.96123	(11040606)	396838.26	3767091.08	36.69121	(11040606)
396878.26	3767091.08	46.23503	(12112607)	396918.26	3767091.08	55.96694	(12112607)
396958.26	3767091.08	67.60093	(16111406)	396998.26	3767091.08	128.71588	(12021618)
397078.26	3767091.08	123.72324	(16122108)	397118.26	3767091.08	172.70667	(10123106)
397158.26	3767091.08	170.75306	(10010407)	397198.26	3767091.08	146.21438	(11011017)
397238.26	3767091.08	144.68873	(10111106)	397278.26	3767091.08	147.71949	(10112206)
397318.26	3767091.08	114.91921	(15122507)	397358.26	3767091.08	79.35366	(10022418)
397398.26	3767091.08	71.22040	(10022418)	397438.26	3767091.08	66.51424	(12122718)
397478.26	3767091.08	60.71961	(12122718)	397518.26	3767091.08	54.95842	(12122718)
397558.26	3767091.08	48.80177	(12122718)	397598.26	3767091.08	43.85755	(12091206)
397638.26	3767091.08	39.86858	(12091206)	397678.26	3767091.08	35.48075	(12091206)
397718.26	3767091.08	31.25052	(12091206)	396558.26	3767131.08	15.82348	(11121406)

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3767131.08       19.89469  (10111118)
       396678.26   3767131.08       21.66775  (10111118)                396718.26
3767131.08       24.39257  (10111118)
       396758.26   3767131.08       27.79446  (10111118)                396798.26
3767131.08       31.30732  (10111118)
       396838.26   3767131.08       35.73520  (11111806)                396878.26
3767131.08       42.47931  (11031007)
       396918.26   3767131.08       50.69670  (11040606)                396958.26
3767131.08       81.62800  (16111406)
       397238.26   3767131.08      106.39386  (10011407)                397278.26
3767131.08      149.94822  (11011308)
       397318.26   3767131.08      121.00904  (10010407)                397358.26
3767131.08       91.53563  (12091206)
       397398.26   3767131.08       72.25565  (12122718)                397438.26
3767131.08       65.10736  (12091206)
       397478.26   3767131.08       58.37804  (12091206)                397518.26
3767131.08       53.14782  (16022406)
       397558.26   3767131.08       48.20297  (16022406)                397598.26
3767131.08       43.80398  (16022406)
       397638.26   3767131.08       39.70467  (16022406)                397678.26
3767131.08       35.10028  (16022406)
       397718.26   3767131.08       30.69474  (16022406)                396558.26
3767171.08       18.14974  (11021818)
       396598.26   3767171.08       19.37738  (11121207)                396638.26
3767171.08       21.86392  (11121207)
       396678.26   3767171.08       23.62312  (11121207)                396718.26
3767171.08       25.54627  (11121207)
       396758.26   3767171.08       28.82134  (11121207)                396798.26
3767171.08       33.26321  (11121207)
       396838.26   3767171.08       38.78574  (11121207)                396878.26
3767171.08       45.60827  (11121207)
       396918.26   3767171.08       52.06963  (11121207)                397438.26
3767171.08       62.78485  (16022406)
       397478.26   3767171.08       55.99027  (16022406)                397518.26
3767171.08       50.37955  (12110707)
       397558.26   3767171.08       45.65340  (12110707)                397598.26
3767171.08       41.23054  (12110707)
       397638.26   3767171.08       36.94052  (12110707)                397678.26
3767171.08       32.77657  (12110707)
       397718.26   3767171.08       28.91594  (12110707)                396558.26
3767211.08       18.33601  (11021818)
       396598.26   3767211.08       20.48362  (15021118)                396638.26
3767211.08       23.05652  (15021118)
       396678.26   3767211.08       25.86388  (15021118)                396718.26
3767211.08       27.13839  (15021118)
       396758.26   3767211.08       29.82418  (15021118)                396798.26
3767211.08       34.14758  (15021118)
       396838.26   3767211.08       40.78733  (15021118)                396878.26
3767211.08       47.84171  (15021118)
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	55.03132	(15021118)	396958.26	3767211.08	62.38281	(15021118)
397438.26	3767211.08	58.32117	(16022418)	397478.26	3767211.08	53.47296	(16022418)
397518.26	3767211.08	49.65039	(16022418)	397558.26	3767211.08	45.38888	(16022418)
397598.26	3767211.08	41.22583	(16022418)	397638.26	3767211.08	36.96694	(16022418)
397678.26	3767211.08	32.89331	(16022418)	397718.26	3767211.08	29.11527	(16022418)
396558.26	3767251.08	18.02929	(11083006)	396598.26	3767251.08	20.45982	(11091906)
396638.26	3767251.08	23.22060	(11091906)	396678.26	3767251.08	26.16021	(11091906)
396718.26	3767251.08	28.28346	(11091906)	396758.26	3767251.08	29.25880	(11091906)
396798.26	3767251.08	32.91366	(15020607)	396838.26	3767251.08	38.58257	(15020607)
396878.26	3767251.08	46.30289	(10101406)	396918.26	3767251.08	49.74049	(10101406)
396958.26	3767251.08	53.55270	(16022407)	396998.26	3767251.08	78.16716	(16022407)
397038.26	3767251.08	63.50411	(15031809)	397078.26	3767251.08	51.10103	(11060107)
397118.26	3767251.08	81.61564	(10121311)	397318.26	3767251.08	93.71091	(16092318)
397358.26	3767251.08	62.80064	(12120407)	397398.26			

3767251.08 57.21624 (12120407)
397438.26 3767251.08 51.88012 (12120407) 397478.26
3767251.08 47.32813 (12120407)
397518.26 3767251.08 44.04644 (12120407) 397558.26
3767251.08 40.05478 (12120407)
397598.26 3767251.08 36.11442 (12120407) 397638.26
3767251.08 32.75411 (12020706)
397678.26 3767251.08 29.24228 (12020706) 397718.26
3767251.08 25.84831 (16022418)
396558.26 3767291.08 17.23719 (15020607) 396598.26
3767291.08 19.68823 (10101406)
396638.26 3767291.08 22.51732 (10101406) 396678.26
3767291.08 25.68394 (10101406)
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3767291.08 29.63206 (16022407)
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3767291.08 36.83325 (11011706)
396878.26 3767291.08 41.47374 (11011706) 396918.26
3767291.08 42.30576 (11011706)
396958.26 3767291.08 43.29739 (11011706) 396998.26
3767291.08 54.32862 (11011706)
397038.26 3767291.08 58.92786 (12022007) 397078.26
3767291.08 92.44775 (10083109)
397118.26 3767291.08 106.52229 (10121311) 397158.26
3767291.08 65.01137 (12120618)
397278.26 3767291.08 87.12262 (11111518) 397318.26
3767291.08 71.16347 (15012218)
397358.26 3767291.08 58.04244 (11101218) 397398.26
3767291.08 55.76861 (12022715)
397438.26 3767291.08 48.14542 (11110718) 397478.26
3767291.08 42.55537 (11102107)
397518.26 3767291.08 39.21948 (11102107) 397558.26
3767291.08 36.23348 (12120407)
397598.26 3767291.08 33.37335 (12120407) 397638.26
3767291.08 30.83581 (12120407)
397678.26 3767291.08 28.39331 (12120407) 397718.26
3767291.08 25.33360 (12120407)
396558.26 3767331.08 17.03876 (16022407) 396598.26
3767331.08 19.02294 (16022407)
396638.26 3767331.08 21.17440 (11011706) 396678.26
3767331.08 24.21004 (11011706)
396718.26 3767331.08 27.07146 (11011706) 396758.26
3767331.08 27.97715 (11011706)
396798.26 3767331.08 29.09307 (15022007) 396838.26
3767331.08 32.29443 (15022007)
396878.26 3767331.08 35.47680 (12022007) 396918.26
3767331.08 35.55927 (12080306)
396958.26 3767331.08 35.08401 (12022007) 396998.26
3767331.08 35.56362 (11081906)
397038.26 3767331.08 44.02734 (11081906) 397078.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	105.83235	(15121718)	397238.26	3767331.08	96.40135	(12101618)
397278.26	3767331.08	80.76367	(15100918)	397318.26	3767331.08	57.13650	(15012318)
397358.26	3767331.08	52.81310	(12091706)	397398.26	3767331.08	52.00332	(16092818)
397438.26	3767331.08	47.81648	(16092818)	397478.26	3767331.08	42.69266	(11101218)
397518.26	3767331.08	38.02062	(11101218)	397558.26	3767331.08	33.84845	(11110718)
397598.26	3767331.08	30.38167	(10021207)	397638.26	3767331.08	27.26666	(11102107)
397678.26	3767331.08	24.88331	(11102107)	397718.26	3767331.08	22.80166	(11102107)
396558.26	3767371.08	16.38922	(11011706)	396598.26	3767371.08	17.86508	(11011706)
396638.26	3767371.08	20.57579	(10101916)	396678.26	3767371.08	23.98687	(10101916)
396718.26	3767371.08	26.73134	(10101916)	396758.26	3767371.08	27.62108	(10101916)
396798.26	3767371.08	27.24864	(12080306)	396838.26	3767371.08	28.59699	(12080306)
396878.26	3767371.08	29.75104	(12080306)	396918.26	3767371.08	29.61502	(11081906)

396958.26 3767371.08 29.26657 (11081906) 396998.26 3767371.08 29.98947 (12032306)
397038.26 3767371.08 33.82283 (15070711) 397078.26 3767371.08 51.19772 (15101606)
397118.26 3767371.08 65.57475 (15121618) 397158.26 3767371.08 91.69979 (11120718)
397198.26 3767371.08 82.99347 (10112517) 397238.26 3767371.08 66.72593 (15120918)
397278.26 3767371.08 57.64619 (12101618) 397318.26 3767371.08 52.43960 (15100918)
397358.26 3767371.08 48.75121 (12091106) 397398.26 3767371.08 47.99035 (15012218)
397438.26 3767371.08 44.02347 (12091706) 397478.26 3767371.08 39.65363 (10102018)
397518.26 3767371.08 36.29161 (16092818) 397558.26 3767371.08 33.01229 (10112518)
397598.26 3767371.08 29.90365 (11101218) 397638.26 3767371.08 26.57346 (11101218)
397678.26 3767371.08 23.26219 (11110718) 397718.26 3767371.08 20.41145 (11110718)
396558.26 3767411.08 16.55009 (10101916) 396598.26 3767411.08 19.33014 (10101916)
396638.26 3767411.08 21.86590 (10101916) 396678.26 3767411.08 23.70613 (10101916)
396718.26 3767411.08 24.42885 (10101916) 396758.26 3767411.08 23.81939 (12111516)
396798.26 3767411.08 24.66974 (12111516) 396838.26 3767411.08 24.45757 (12111516)
396878.26 3767411.08 26.06962 (12032306) 396918.26 3767411.08 26.47217 (12032306)
396958.26 3767411.08 26.60111 (12032306) 396998.26 3767411.08 26.32179 (12032306)
397038.26 3767411.08 30.83917 (12052408) 397078.26 3767411.08 44.30514 (15101606)
397118.26 3767411.08 53.16120 (15121618) 397158.26 3767411.08 58.67930 (12012518)
397198.26 3767411.08 58.04327 (11120718) 397238.26 3767411.08 55.12718 (16101918)
397278.26 3767411.08 52.30212 (10093006) 397318.26 3767411.08 49.07000 (12101618)
397358.26 3767411.08 45.98816 (15100918) 397398.26 3767411.08 43.50545 (15012118)
397438.26 3767411.08 41.10878 (15012318) 397478.26 3767411.08 37.94557 (15012218)
397518.26 3767411.08 34.67391 (12091706) 397558.26 3767411.08 31.65232 (12101917)
397598.26 3767411.08 28.73042 (15101617) 397638.26 3767411.08 25.65580 (10112518)
397678.26 3767411.08 23.05407 (11101218) 397718.26 3767411.08 19.97918 (11101218)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       396798.26   3767451.08   22.13357 (12111516)   396838.26
 3767451.08   22.78660 (12032306)
       396878.26   3767451.08   23.71471 (12032306)   396918.26
 3767451.08   23.65733 (12032306)
       396958.26   3767451.08   23.05520 (12032306)   396998.26
 3767451.08   23.57442 (16092206)
       397038.26   3767451.08   28.58940 (10020914)   397078.26
 3767451.08   35.52932 (15101606)
       397118.26   3767451.08   42.83589 (15121618)   397158.26
 3767451.08   50.10848 (15121618)
       397198.26   3767451.08   49.74900 (11120718)   397238.26
 3767451.08   49.74099 (16101918)
       397278.26   3767451.08   47.38196 (10112517)   397318.26
 3767451.08   45.36071 (10012818)
       397358.26   3767451.08   43.16051 (11011418)   397398.26
 3767451.08   41.01551 (15100918)
       397438.26   3767451.08   37.67694 (12120418)   397478.26
 3767451.08   35.25557 (12091106)
       397518.26   3767451.08   32.95205 (15012218)   397558.26
 3767451.08   30.06703 (15012218)
       397598.26   3767451.08   27.32535 (11112817)   397638.26

3767451.08 25.15610 (12101917)
397678.26 3767451.08 22.51571 (15101617) 397718.26
3767451.08 19.78604 (15101617)
396558.26 3767491.08 15.51419 (10101916) 396598.26
3767491.08 16.14435 (10122208)
396638.26 3767491.08 17.11702 (10122208) 396678.26
3767491.08 18.70575 (12111516)
396718.26 3767491.08 19.59632 (12111516) 396758.26
3767491.08 19.63498 (15051307)
396798.26 3767491.08 21.05384 (15051307) 396838.26
3767491.08 21.51542 (15051307)
396878.26 3767491.08 21.04611 (10051716) 396918.26
3767491.08 20.96622 (10051716)
396958.26 3767491.08 21.62965 (16092206) 396998.26
3767491.08 21.64988 (16092206)
397038.26 3767491.08 26.76987 (10020914) 397078.26
3767491.08 29.65377 (11032417)
397118.26 3767491.08 36.63109 (16110818) 397158.26
3767491.08 43.12780 (15121618)
397198.26 3767491.08 43.83411 (12012518) 397238.26
3767491.08 44.86344 (11120718)
397278.26 3767491.08 44.40971 (16101918) 397318.26
3767491.08 42.43206 (10093006)
397358.26 3767491.08 40.11380 (11011418) 397398.26
3767491.08 38.05578 (11011418)
397438.26 3767491.08 35.61432 (15100918) 397478.26
3767491.08 32.81517 (12120418)
397518.26 3767491.08 30.59302 (12091106) 397558.26
3767491.08 28.38528 (15012318)
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3767491.08 23.39984 (11112817)
397678.26 3767491.08 21.23086 (11112817) 397718.26
3767491.08 19.38879 (12101917)
396558.26 3767531.08 15.59584 (10122208) 396598.26
3767531.08 16.25343 (10122208)
396638.26 3767531.08 16.67239 (10122208) 396678.26
3767531.08 16.47635 (12111516)
396718.26 3767531.08 17.36298 (15051307) 396758.26
3767531.08 19.12354 (15051307)
396798.26 3767531.08 19.76910 (10100516) 396838.26
3767531.08 20.36704 (11021816)
396878.26 3767531.08 20.57154 (10051716) 396918.26
3767531.08 19.91292 (10051716)
396958.26 3767531.08 20.20967 (10061118) 396998.26
3767531.08 22.25340 (10020117)
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3767531.08 27.46775 (11032417)
397118.26 3767531.08 32.98462 (16110818) 397158.26
3767531.08 37.84920 (15121618)
397198.26 3767531.08 40.47393 (12012518) 397238.26

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 3767531.08       40.18341  (11120718)
        397278.26   3767531.08       40.36437  (16110418)                397318.26
 3767531.08       38.79547  (16101918)
        397358.26   3767531.08       37.66742  (10093006)                397398.26
 3767531.08       35.23366  (11011418)
        397438.26   3767531.08       33.37577  (11011418)                397478.26
 3767531.08       31.36717  (15100918)
        397518.26   3767531.08       28.82804  (15100918)                397558.26
 3767531.08       26.38901  (12081406)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  38
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO       IN MICROGRAMS/M**3
                    **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        397598.26   3767531.08       24.03680  (12091106)                397638.26
 3767531.08       22.21255  (15012318)
        397678.26   3767531.08       20.25672  (15012218)                397718.26
 3767531.08       18.06645  (11112817)
        397320.82   3767219.11      125.29843  (16022418)                397330.82
 3767209.11      119.29656  (12110707)
        397340.82   3767189.11      140.92015  (16022406)                397340.82
 3767199.11      128.94749  (16022406)
        397340.82   3767209.11      126.42924  (16022418)                397350.82
 3767189.11      136.53936  (16022406)
        397350.82   3767199.11      134.41133  (16022418)                397360.82
 3767189.11      116.88747  (16022406)
        397360.82   3767199.11      109.72036  (16022406)                397370.82
 3767189.11       81.17923  (16022406)
        397380.82   3767189.11       74.21116  (16022418)                396920.42
 3767167.32       51.44017  (10111118)
        396989.95   3767243.54       80.02493  (10101406)                397044.10
 3767223.97       70.11034  (12122507)
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       397113.57   3767239.93       95.96870  (15082508)               397158.63
 3767280.29       69.58071  (12102418)
       397168.95   3767307.05       70.19145  (15100918)               397244.05
 3767296.72       92.41553  (12091106)
       397260.95   3767278.88       81.57498  (16092818)               397409.74
 3767205.66       64.77762  (16022418)
       397422.89   3767189.23       63.93718  (16022418)               397426.64
 3767180.78       62.70341  (16022418)
       397420.54   3767170.46       66.48666  (16022406)               397318.68
 3767160.13       92.05447  (15072206)
       397022.98   3767083.62      131.03453  (12102406)               396943.60
 3767192.73       59.85600  (11121207)
       396966.77   3767218.13       73.60582  (10100518)               397017.03
 3767233.75       87.00812  (10100518)
       397078.83   3767231.95       69.96567  (12041809)               397136.10
 3767260.11       77.85556  (12091808)
       397206.50   3767301.88       71.80669  (15012318)               397298.15
 3767260.58       96.21332  (15021906)
       397335.34   3767242.27       90.50611  (11102107)               397372.54
 3767223.96       67.81214  (16022418)
       397386.59   3767167.02       74.91175  (16022406)               397352.63
 3767163.57      128.90910  (15120217)
       397276.44   3767149.20      118.19938  (11011308)               397234.19
 3767138.27       98.37915  (10011407)
       397191.95   3767127.34      101.88421  (10111106)               397149.71
 3767116.41      162.12611  (10010407)
       397107.47   3767105.48      159.33104  (10123106)               397065.22
 3767094.55      109.98338  (16011808)
       396988.79   3767111.52      129.89783  (16111406)               396954.61
 3767139.42       71.36764  (16111406)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  39
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	9.95581	(11032317)	396598.26	3766771.08	10.40037	(10020516)
396638.26	3766771.08	10.77616	(10020516)	396678.26	3766771.08	10.74986	(10020516)
396718.26	3766771.08	10.30308	(10020516)	396758.26	3766771.08	11.46370	(16050618)
396798.26	3766771.08	12.82680	(16050618)	396838.26	3766771.08	13.63822	(16050618)
396878.26	3766771.08	13.63767	(16050618)	396918.26	3766771.08	12.79717	(16050618)
396958.26	3766771.08	13.05534	(15101407)	396998.26	3766771.08	13.63778	(15101407)
397038.26	3766771.08	14.07723	(15101407)	397078.26	3766771.08	14.34456	(15101407)
397118.26	3766771.08	14.40690	(15101407)	397158.26	3766771.08	14.25832	(15101407)
397198.26	3766771.08	13.97894	(15101407)	397238.26	3766771.08	13.57255	(15101407)
397278.26	3766771.08	13.05035	(15101407)	397318.26	3766771.08	12.43598	(15101407)
397358.26	3766771.08	11.75240	(15101407)	397398.26	3766771.08	11.04041	(15101407)
397438.26	3766771.08	10.31230	(15101407)	397478.26	3766771.08	9.59687	(15101407)
397518.26	3766771.08	8.90707	(15101407)	397558.26	3766771.08	8.25235	(15101407)
397598.26	3766771.08	7.65265	(12101115)	397638.26	3766771.08	7.78659	(12101115)
397678.26	3766771.08	7.71586	(12101115)	397718.26	3766771.08	7.46165	(12101115)
396558.26	3766811.08	11.97152	(11032317)	396598.26	3766811.08	11.97604	(11032317)
396638.26	3766811.08	12.41185	(10020516)	396678.26	3766811.08	12.97391	(10020516)
396718.26	3766811.08	13.04753	(10020516)	396758.26	3766811.08	12.54237	(10020516)
396798.26	3766811.08	13.73761	(16050618)	396838.26	3766811.08	15.30936	(16050618)
396878.26	3766811.08	15.97474	(16050618)	396918.26	3766811.08	15.56060	(16050618)
396958.26	3766811.08	15.14646	(15101407)	396998.26			

```
 3766811.08       15.95499  (15101407)
       397038.26   3766811.08       16.56190  (15101407)                397078.26
 3766811.08       16.92779  (15101407)
       397118.26   3766811.08       17.06545  (15101407)                397158.26
 3766811.08       16.91641  (15101407)
       397198.26   3766811.08       16.48496  (15101407)                397238.26
 3766811.08       15.85180  (15101407)
       397278.26   3766811.08       15.09385  (15101407)                397318.26
 3766811.08       14.25827  (15101407)
       397358.26   3766811.08       13.36172  (15101407)                397398.26
 3766811.08       12.43331  (15101407)
       397438.26   3766811.08       11.50503  (15101407)                397478.26
 3766811.08       10.60921  (15101407)
       397518.26   3766811.08        9.75881  (15101407)                397558.26
 3766811.08        8.96679  (15101407)
       397598.26   3766811.08        9.03127  (12101115)                397638.26
 3766811.08        8.87256  (12101115)
       397678.26   3766811.08        8.49353  (12101115)                397718.26
 3766811.08        7.94333  (12101115)
       396558.26   3766851.08       13.64985  (11032317)                396598.26
 3766851.08       14.22414  (11032317)
       396638.26   3766851.08       14.57300  (11032317)                396678.26
 3766851.08       14.93564  (10020516)
       396718.26   3766851.08       15.82770  (10020516)                396758.26
 3766851.08       16.05467  (10020516)
       396798.26   3766851.08       15.50083  (10020516)                396838.26
 3766851.08       16.81054  (16050618)
       396878.26   3766851.08       18.49807  (16050618)                396918.26
 3766851.08       18.79567  (16050618)
       396958.26   3766851.08       17.79371  (15101407)                396998.26
 3766851.08       18.94307  (15101407)
       397038.26   3766851.08       19.80329  (15101407)                397078.26
 3766851.08       20.35823  (15101407)
       397118.26   3766851.08       20.55469  (15101407)                397158.26
 3766851.08       20.33872  (15101407)
       397198.26   3766851.08       19.74115  (15101407)                397238.26
 3766851.08       18.87922  (15101407)
       397278.26   3766851.08       17.78927  (15101407)                397318.26
 3766851.08       16.54353  (15101407)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  40
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
```

```
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397358.26   3766851.08       15.31437  (15101407)               397398.26
 3766851.08       14.08671  (15101407)
        397438.26   3766851.08       12.89324  (15101407)               397478.26
 3766851.08       11.75953  (15101407)
        397518.26   3766851.08       10.70710  (15101407)               397558.26
 3766851.08       10.58352  (12101115)
        397598.26   3766851.08       10.29626  (12101115)               397638.26
 3766851.08        9.73817  (12101115)
        397678.26   3766851.08        8.98120  (12101115)               397718.26
 3766851.08        8.43189  (12122216)
        396558.26   3766891.08       14.56528  (11032317)               396598.26
 3766891.08       15.87671  (11032317)
        396638.26   3766891.08       17.08472  (11032317)               396678.26
 3766891.08       17.99624  (11032317)
        396718.26   3766891.08       18.25084  (10020516)               396758.26
 3766891.08       19.65933  (10020516)
        396798.26   3766891.08       20.18635  (10020516)               396838.26
 3766891.08       19.56784  (10020516)
        396878.26   3766891.08       20.99432  (16050618)               396918.26
 3766891.08       22.46752  (16050618)
        396958.26   3766891.08       22.08694  (16050618)               396998.26
 3766891.08       22.90387  (15101407)
        397038.26   3766891.08       24.19387  (15101407)               397078.26
 3766891.08       25.08769  (15101407)
        397118.26   3766891.08       25.31287  (15101407)               397158.26
 3766891.08       24.87048  (15101407)
        397198.26   3766891.08       24.06864  (15101407)               397238.26
 3766891.08       22.78881  (15101407)
        397278.26   3766891.08       21.25696  (15101407)               397318.26
 3766891.08       19.57204  (15101407)
        397358.26   3766891.08       17.79105  (15101407)               397398.26
 3766891.08       16.07276  (15101407)
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       397438.26   3766891.08       14.50269  (15101407)                397478.26
 3766891.08       13.06010  (15101407)
       397518.26   3766891.08       12.56059  (12101115)                397558.26
 3766891.08       12.08567  (12101115)
       397598.26   3766891.08       11.27139  (12101115)                397638.26
 3766891.08       10.49397  (12122216)
       397678.26   3766891.08        9.86059  (12122216)                397718.26
 3766891.08        9.07929  (12122216)
       396558.26   3766931.08       14.45922  (11032317)                396598.26
 3766931.08       16.51392  (11032317)
       396638.26   3766931.08       18.74248  (11032317)                396678.26
 3766931.08       20.70042  (11032317)
       396718.26   3766931.08       22.31804  (11032317)                396758.26
 3766931.08       23.07764  (11032317)
       396798.26   3766931.08       25.02687  (10020516)                396838.26
 3766931.08       26.04833  (10020516)
       396878.26   3766931.08       25.34157  (10020516)                396918.26
 3766931.08       26.53862  (16050618)
       396958.26   3766931.08       27.54262  (16050618)                396998.26
 3766931.08       28.42858  (15101407)
       397038.26   3766931.08       30.53235  (15101407)                397078.26
 3766931.08       31.80368  (15101407)
       397118.26   3766931.08       32.08166  (15101407)                397158.26
 3766931.08       31.38699  (15101407)
       397198.26   3766931.08       30.00317  (15101407)                397238.26
 3766931.08       28.06863  (15101407)
       397278.26   3766931.08       25.76301  (15101407)                397318.26
 3766931.08       23.35197  (15101407)
       397358.26   3766931.08       20.97551  (15101407)                397398.26
 3766931.08       18.59586  (15101407)
       397438.26   3766931.08       16.41911  (15101407)                397478.26
 3766931.08       15.14190  (12101115)
       397518.26   3766931.08       14.40739  (12101115)                397558.26
 3766931.08       13.34227  (12122216)
       397598.26   3766931.08       12.58308  (12122216)                397638.26
 3766931.08       11.57191  (12122216)
       397678.26   3766931.08       10.41673  (12122216)                397718.26
 3766931.08        9.21081  (12122216)
       396558.26   3766971.08       13.17044  (11032317)                396598.26
 3766971.08       15.73356  (11032317)
       396638.26   3766971.08       18.69720  (11032317)                396678.26
 3766971.08       21.87311  (11032317)
       396718.26   3766971.08       25.13147  (11032317)                396758.26
 3766971.08       28.03007  (11032317)
       396798.26   3766971.08       29.99920  (11032317)                396838.26
 3766971.08       32.85028  (10020516)
       396878.26   3766971.08       34.75633  (10020516)                396918.26
 3766971.08       33.95267  (10020516)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	34.32095	(16050618)	396998.26	3766971.08	36.67681	(15101407)
397038.26	3766971.08	40.11613	(15101407)	397078.26	3766971.08	41.94799	(15101407)
397118.26	3766971.08	42.11144	(15101407)	397158.26	3766971.08	40.77257	(15101407)
397198.26	3766971.08	38.39182	(15101407)	397238.26	3766971.08	35.33216	(15101407)
397278.26	3766971.08	31.86595	(15101407)	397318.26	3766971.08	28.31908	(15101407)
397358.26	3766971.08	24.78294	(15101407)	397398.26	3766971.08	21.57730	(15101407)
397438.26	3766971.08	18.76720	(12101115)	397478.26	3766971.08	17.53643	(12101115)
397518.26	3766971.08	16.54177	(12122216)	397558.26	3766971.08	15.22788	(12122216)
397598.26	3766971.08	13.63778	(12122216)	397638.26	3766971.08	11.94127	(12122216)
397678.26	3766971.08	10.27250	(12122216)	397718.26	3766971.08	9.14130	(11102516)
396558.26	3767011.08	10.88909	(11032317)	396598.26	3767011.08	13.50860	(11032317)
396638.26	3767011.08	16.81875	(11032317)	396678.26			

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3767011.08       20.82645  (11032317)
       396718.26   3767011.08       25.47461  (11032317)                396758.26
3767011.08       30.66686  (11032317)
       396798.26   3767011.08       35.87749  (11032317)                396838.26
3767011.08       40.26449  (11032317)
       396878.26   3767011.08       44.90293  (10020516)                396918.26
3767011.08       48.76510  (10020516)
       396958.26   3767011.08       47.91688  (10020516)                396998.26
3767011.08       49.87450  (15101407)
       397038.26   3767011.08       55.95620  (15101407)                397078.26
3767011.08       58.65751  (15101407)
       397118.26   3767011.08       58.14088  (15101407)                397158.26
3767011.08       55.24187  (15101407)
       397198.26   3767011.08       50.97797  (15101407)                397238.26
3767011.08       45.89566  (15101407)
       397278.26   3767011.08       40.46920  (15101407)                397318.26
3767011.08       34.98418  (15101407)
       397358.26   3767011.08       29.65428  (15101407)                397398.26
3767011.08       28.85196  (11021507)
       397438.26   3767011.08       23.30289  (12101115)                397478.26
3767011.08       20.92528  (12122216)
       397518.26   3767011.08       18.67527  (12122216)                397558.26
3767011.08       16.16281  (12122216)
       397598.26   3767011.08       14.12034  (11102516)                397638.26
3767011.08       12.95383  (11102516)
       397678.26   3767011.08       11.84891  (11102516)                397718.26
3767011.08       10.76964  (11102516)
       396558.26   3767051.08        8.62065  (15101407)                396598.26
3767051.08       10.37197  (11032317)
       396638.26   3767051.08       13.37488  (11032317)                396678.26
3767051.08       17.41444  (11032317)
       396718.26   3767051.08       22.64894  (11032317)                396758.26
3767051.08       29.32571  (11032317)
       396798.26   3767051.08       37.61180  (11032317)                396838.26
3767051.08       47.05191  (11032317)
       396878.26   3767051.08       56.38835  (11032317)                396918.26
3767051.08       65.79016  (10020516)
       396958.26   3767051.08       74.58925  (10020516)                396998.26
3767051.08       74.77461  (10020516)
       397038.26   3767051.08       87.60766  (15101407)                397078.26
3767051.08       90.43929  (15101407)
       397118.26   3767051.08       86.67595  (15101407)                397158.26
3767051.08       79.68669  (15101407)
       397198.26   3767051.08       71.37516  (15101407)                397238.26
3767051.08       62.42699  (15101407)
       397278.26   3767051.08       53.43453  (15101407)                397318.26
3767051.08       44.48325  (15101407)
       397358.26   3767051.08       36.23863  (15101407)                397398.26
3767051.08       33.55602  (10110324)
       397438.26   3767051.08       29.01890  (12122216)                397478.26
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396558.26   3767091.08   8.89065 (11061908)   396598.26
 3767091.08   10.26570 (11061908)
        396638.26   3767091.08   11.92064 (11061908)   396678.26
 3767091.08   13.95590 (11061908)
        396718.26   3767091.08   17.05351 (11032317)   396758.26
 3767091.08   23.56712 (11032317)
        396798.26   3767091.08   32.86473 (11032317)   396838.26
 3767091.08   46.12038 (11032317)
        396878.26   3767091.08   63.78966 (11032317)   396918.26
 3767091.08   83.64421 (11032317)
        396958.26   3767091.08   105.00443 (10020516)   396998.26
 3767091.08   142.20036 (15101407)
        397078.26   3767091.08   170.68397 (15101407)   397118.26
 3767091.08   149.25667 (15101407)

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       397158.26   3767091.08      128.35978  (15101407)                397198.26
3767091.08      109.20268  (15101407)
       397238.26   3767091.08       91.72691  (15101407)                397278.26
3767091.08       75.51573  (15101407)
       397318.26   3767091.08       59.48117  (15101407)                397358.26
3767091.08       47.36305  (11102516)
       397398.26   3767091.08       42.72681  (11102516)                397438.26
3767091.08       37.56967  (11102516)
       397478.26   3767091.08       32.21977  (11102516)                397518.26
3767091.08       27.46146  (11102516)
       397558.26   3767091.08       23.44011  (11102516)                397598.26
3767091.08       20.00263  (11102516)
       397638.26   3767091.08       16.87461  (11102516)                397678.26
3767091.08       14.72764  (11102516)
       397718.26   3767091.08       12.97705  (11102516)                396558.26
3767131.08       10.49872  (15122816)
       396598.26   3767131.08       12.18858  (15122816)                396638.26
3767131.08       14.27785  (15122816)
       396678.26   3767131.08       16.80208  (15122816)                396718.26
3767131.08       20.22786  (15122816)
       396758.26   3767131.08       25.01205  (15122816)                396798.26
3767131.08       31.70705  (15122816)
       396838.26   3767131.08       41.51241  (15122816)                396878.26
3767131.08       56.93360  (15122816)
       396918.26   3767131.08       92.95096  (11032317)                396958.26
3767131.08      149.15346  (15101407)
       397238.26   3767131.08      161.80503  (15101407)                397278.26
3767131.08      125.89756  (15101407)
       397318.26   3767131.08       93.89084  (11102516)                397358.26
3767131.08       80.36474  (11102516)
       397398.26   3767131.08       63.60522  (11102516)                397438.26
3767131.08       49.34906  (11102516)
       397478.26   3767131.08       38.95903  (11102516)                397518.26
3767131.08       31.35963  (11102516)
       397558.26   3767131.08       25.69822  (11102516)                397598.26
3767131.08       21.36655  (11102516)
       397638.26   3767131.08       17.73248  (11102516)                397678.26
3767131.08       15.05399  (11102516)
       397718.26   3767131.08       13.07480  (11102516)                396558.26
3767171.08       14.09808  (15122816)
       396598.26   3767171.08       16.54435  (15122816)                396638.26
3767171.08       19.64601  (15122816)
       396678.26   3767171.08       23.55206  (15122816)                396718.26
3767171.08       28.57942  (15122816)
       396758.26   3767171.08       35.82241  (15122816)                396798.26
3767171.08       46.67211  (15122816)
       396838.26   3767171.08       63.35218  (15122816)                396878.26
3767171.08       92.19765  (15122816)
       396918.26   3767171.08      150.24785  (15122816)                397438.26
3767171.08       53.93628  (11102516)
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       397478.26   3767171.08       41.34752  (16020517)               397518.26
 3767171.08       33.12983  (16020517)
       397558.26   3767171.08       27.17909  (16020517)               397598.26
 3767171.08       22.68114  (16020517)
       397638.26   3767171.08       19.19569  (16020517)               397678.26
 3767171.08       16.63851  (16020517)
       397718.26   3767171.08       14.51490  (16020517)               396558.26
 3767211.08       17.27644  (15122816)
       396598.26   3767211.08       20.27198  (15122816)               396638.26
 3767211.08       24.05082  (15122816)
       396678.26   3767211.08       28.89052  (15122816)               396718.26
 3767211.08       34.91990  (15122816)
       396758.26   3767211.08       43.01394  (15122816)               396798.26
 3767211.08       54.74708  (15122816)
       396838.26   3767211.08       72.18873  (15122816)               396878.26
 3767211.08       97.61242  (15122816)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  43
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08      135.59296  (15122816)               396958.26
 3767211.08      194.43495  (15122816)
       397438.26   3767211.08       56.82986  (16020517)               397478.26
 3767211.08       44.69061  (16020517)
       397518.26   3767211.08       35.73228  (16020517)               397558.26
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3767211.08 29.07773 (16020517)
397598.26 3767211.08 24.06686 (16020517) 397638.26
3767211.08 20.44181 (16020517)
397678.26 3767211.08 17.64653 (16020517) 397718.26
3767211.08 15.33639 (16020517)
396558.26 3767251.08 19.39768 (15122816) 396598.26
3767251.08 22.57394 (15122816)
396638.26 3767251.08 26.46980 (15122816) 396678.26
3767251.08 31.30522 (15122816)
396718.26 3767251.08 37.36222 (15122816) 396758.26
3767251.08 44.47639 (15122816)
396798.26 3767251.08 53.84052 (15122816) 396838.26
3767251.08 65.95217 (15122816)
396878.26 3767251.08 81.04510 (15122816) 396918.26
3767251.08 101.34975 (15122816)
396958.26 3767251.08 116.02040 (15122816) 396998.26
3767251.08 124.14464 (15122816)
397038.26 3767251.08 140.08053 (10011716) 397078.26
3767251.08 168.63530 (15101407)
397118.26 3767251.08 260.07535 (15101407) 397318.26
3767251.08 123.10546 (11091107)
397358.26 3767251.08 86.51267 (12101116) 397398.26
3767251.08 72.89313 (15060901)
397438.26 3767251.08 65.48804 (15101722) 397478.26
3767251.08 53.66083 (16081922)
397518.26 3767251.08 40.81648 (16020618) 397558.26
3767251.08 32.28465 (16020618)
397598.26 3767251.08 25.44413 (16102818) 397638.26
3767251.08 19.75324 (16020517)
397678.26 3767251.08 17.11836 (16020517) 397718.26
3767251.08 14.97028 (16020517)
396558.26 3767291.08 22.74599 (10110120) 396598.26
3767291.08 24.56469 (15122816)
396638.26 3767291.08 28.21628 (15122816) 396678.26
3767291.08 32.13307 (15122816)
396718.26 3767291.08 35.49531 (15122816) 396758.26
3767291.08 40.73932 (15122816)
396798.26 3767291.08 46.62809 (15122816) 396838.26
3767291.08 53.24244 (15122816)
396878.26 3767291.08 66.12553 (11112015) 396918.26
3767291.08 77.97381 (11112015)
396958.26 3767291.08 83.47277 (11112015) 396998.26
3767291.08 79.63007 (10011716)
397038.26 3767291.08 86.13860 (10011716) 397078.26
3767291.08 95.62871 (10011716)
397118.26 3767291.08 130.94124 (10011716) 397158.26
3767291.08 257.59691 (10011716)
397278.26 3767291.08 154.91345 (11091107) 397318.26
3767291.08 112.89283 (11091107)
397358.26 3767291.08 76.38997 (12081201) 397398.26

 3767291.08   70.31620 (12081323)
       397438.26   3767291.08   64.64429 (15021218)   397478.26
 3767291.08   59.29504 (15021218)
       397518.26   3767291.08   52.73279 (15060901)   397558.26
 3767291.08   48.83504 (15060901)
       397598.26   3767291.08   43.69168 (15101722)   397638.26
 3767291.08   30.81481 (16081922)
       397678.26   3767291.08   18.83871 (11070705)   397718.26
 3767291.08   14.71943 (11070705)
       396558.26   3767331.08   29.98417 (15091504)   396598.26
 3767331.08   29.71930 (11092103)
       396638.26   3767331.08   29.87545 (15072005)   396678.26
 3767331.08   28.98041 (15122816)
       396718.26   3767331.08   31.69457 (15122816)   396758.26
 3767331.08   33.95082 (15122816)
       396798.26   3767331.08   37.16146 (11112015)   396838.26
 3767331.08   46.25553 (11112015)
       396878.26   3767331.08   58.53534 (11112015)   396918.26
 3767331.08   63.23790 (11112015)
       396958.26   3767331.08   64.72049 (11112015)   396998.26
 3767331.08   67.22956 (11112015)
       397038.26   3767331.08   76.26868 (10011716)   397078.26
 3767331.08   79.66176 (10011716)
       397118.26   3767331.08   94.04740 (10011716)   397158.26
 3767331.08   139.64153 (10011716)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CO   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	153.94251	(10011716)	397238.26	3767331.08	129.53739	(10011716)
397278.26	3767331.08	118.48038	(11091107)	397318.26	3767331.08	96.62662	(11091107)
397358.26	3767331.08	71.68113	(11091107)	397398.26	3767331.08	64.83555	(16072603)
397438.26	3767331.08	59.87948	(12081201)	397478.26	3767331.08	55.69478	(12081323)
397518.26	3767331.08	51.66348	(15072824)	397558.26	3767331.08	48.70922	(15021218)
397598.26	3767331.08	45.40480	(15021218)	397638.26	3767331.08	40.72748	(15021218)
397678.26	3767331.08	27.93582	(10071704)	397718.26	3767331.08	18.13640	(12062720)
396558.26	3767371.08	29.74154	(10092802)	396598.26	3767371.08	27.72519	(15072005)
396638.26	3767371.08	25.67150	(15072005)	396678.26	3767371.08	23.81442	(15122816)
396718.26	3767371.08	25.87872	(11112015)	396758.26	3767371.08	31.36769	(11112015)
396798.26	3767371.08	37.30026	(11112015)	396838.26	3767371.08	42.70611	(11112015)
396878.26	3767371.08	49.15439	(11112015)	396918.26	3767371.08	52.58239	(11112015)
396958.26	3767371.08	54.14809	(11112015)	396998.26	3767371.08	56.16399	(11112015)
397038.26	3767371.08	64.88491	(10011716)	397078.26	3767371.08	66.37095	(10011716)
397118.26	3767371.08	77.20118	(10011716)	397158.26	3767371.08	95.42335	(10011716)
397198.26	3767371.08	107.82338	(10011716)	397238.26	3767371.08	91.48063	(10011716)
397278.26	3767371.08	73.83726	(11091107)	397318.26	3767371.08	77.07478	(11091107)
397358.26	3767371.08	69.56083	(11091107)	397398.26	3767371.08	59.38397	(15073001)
397438.26	3767371.08	55.55425	(16080924)	397478.26	3767371.08	52.32060	(16072603)
397518.26	3767371.08	49.03333	(16062905)	397558.26	3767371.08	46.42261	(12081201)
397598.26	3767371.08	43.58726	(12081323)	397638.26	3767371.08	40.78385	(15072824)
397678.26	3767371.08	37.78180	(15021218)	397718.26	3767371.08	26.02043	(15072204)
396558.26	3767411.08	28.87150	(15031220)	396598.26	3767411.08	25.21592	(15060920)

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       396638.26   3767411.08       18.94633  (11112015)                396678.26
 3767411.08       23.57827  (11112015)
       396718.26   3767411.08       27.54290  (11112015)                396758.26
 3767411.08       31.31489  (11112015)
       396798.26   3767411.08       34.98030  (11112015)                396838.26
 3767411.08       37.84936  (11112015)
       396878.26   3767411.08       41.32201  (11112015)                396918.26
 3767411.08       43.38751  (11112015)
       396958.26   3767411.08       43.82854  (11112015)                396998.26
 3767411.08       46.36679  (15100921)
       397038.26   3767411.08       52.62019  (10011716)                397078.26
 3767411.08       55.74200  (10011716)
       397118.26   3767411.08       63.19780  (10011716)                397158.26
 3767411.08       79.57171  (10011716)
       397198.26   3767411.08       88.84333  (10011716)                397238.26
 3767411.08       74.62148  (10011716)
       397278.26   3767411.08       58.08812  (10121217)                397318.26
 3767411.08       59.09900  (16092420)
       397358.26   3767411.08       58.23998  (15082721)                397398.26
 3767411.08       54.76459  (12082822)
       397438.26   3767411.08       51.59684  (12100223)                397478.26
 3767411.08       48.98400  (12083102)
       397518.26   3767411.08       46.23916  (16080924)                397558.26
 3767411.08       44.12617  (16072603)
       397598.26   3767411.08       41.72782  (16062905)                397638.26
 3767411.08       39.71129  (12081201)
       397678.26   3767411.08       37.40410  (12081323)                397718.26
 3767411.08       33.65115  (12081323)
       396558.26   3767451.08       26.54224  (15101101)                396598.26
 3767451.08       23.80415  (16020818)
       396638.26   3767451.08       21.54922  (11112015)                396678.26
 3767451.08       25.21260  (11112015)
       396718.26   3767451.08       28.38322  (11112015)                396758.26
 3767451.08       29.42962  (11112015)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  45
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	31.27950	(11112015)	396838.26	3767451.08	32.41242	(11112015)
396878.26	3767451.08	33.69946	(11112015)	396918.26	3767451.08	34.16254	(11112015)
396958.26	3767451.08	36.53806	(15070805)	396998.26	3767451.08	41.76695	(11090622)
397038.26	3767451.08	47.38349	(10011716)	397078.26	3767451.08	51.71819	(10011716)
397118.26	3767451.08	57.36768	(10011716)	397158.26	3767451.08	68.85227	(10011716)
397198.26	3767451.08	74.54799	(10011716)	397238.26	3767451.08	62.94441	(10011716)
397278.26	3767451.08	51.70284	(15081423)	397318.26	3767451.08	51.99349	(15081324)
397358.26	3767451.08	52.11933	(15101622)	397398.26	3767451.08	50.42651	(15082721)
397438.26	3767451.08	48.19178	(12082822)	397478.26	3767451.08	45.89684	(12100223)
397518.26	3767451.08	43.81777	(15073001)	397558.26	3767451.08	41.77160	(12083102)
397598.26	3767451.08	39.98197	(12090503)	397638.26	3767451.08	38.10561	(16072603)
397678.26	3767451.08	36.06326	(16062905)	397718.26	3767451.08	34.19910	(12081201)
396558.26	3767491.08	24.19167	(16020818)	396598.26	3767491.08	22.46077	(16020818)
396638.26	3767491.08	22.90761	(10110320)	396678.26	3767491.08	25.57032	(11112015)
396718.26	3767491.08	27.42225	(11112015)	396758.26	3767491.08	26.69276	(11112015)
396798.26	3767491.08	26.88133	(11112015)	396838.26	3767491.08	26.68540	(11112015)
396878.26	3767491.08	26.20501	(11112015)	396918.26	3767491.08	24.95011	(11112015)
396958.26	3767491.08	31.16170	(10092803)	396998.26	3767491.08	37.56278	(12082102)
397038.26	3767491.08	42.10509	(10011716)	397078.26			

3767491.08 47.38383 (10011716)
  397118.26 3767491.08 52.77298 (10011716) 397158.26
3767491.08 60.74981 (10011716)
  397198.26 3767491.08 63.97713 (10011716) 397238.26
3767491.08 54.36026 (10011716)
  397278.26 3767491.08 47.14703 (15031219) 397318.26
3767491.08 46.55447 (10121217)
  397358.26 3767491.08 46.77661 (15072523) 397398.26
3767491.08 46.90517 (15101622)
  397438.26 3767491.08 45.19444 (15082721) 397478.26
3767491.08 43.03017 (12082822)
  397518.26 3767491.08 41.32213 (15101402) 397558.26
3767491.08 39.71323 (15073001)
  397598.26 3767491.08 38.29011 (12083102) 397638.26
3767491.08 36.47592 (16080924)
  397678.26 3767491.08 34.87583 (12090503) 397718.26
3767491.08 33.11282 (16072603)
  396558.26 3767531.08 24.03810 (12093023) 396598.26
3767531.08 24.37717 (10110320)
  396638.26 3767531.08 27.74488 (10110419) 396678.26
3767531.08 28.20801 (15100920)
  396718.26 3767531.08 24.59087 (11112015) 396758.26
3767531.08 22.69901 (11112015)
  396798.26 3767531.08 22.21257 (11112015) 396838.26
3767531.08 21.25854 (11112015)
  396878.26 3767531.08 19.62409 (11112015) 396918.26
3767531.08 22.33164 (16121116)
  396958.26 3767531.08 25.57599 (16121116) 396998.26
3767531.08 32.93078 (16110919)
  397038.26 3767531.08 38.44839 (15082722) 397078.26
3767531.08 43.87224 (10011716)
  397118.26 3767531.08 48.56978 (10011716) 397158.26
3767531.08 54.01018 (10011716)
  397198.26 3767531.08 55.41471 (10011716) 397238.26
3767531.08 47.31609 (10011716)
  397278.26 3767531.08 43.63077 (15082623) 397318.26
3767531.08 42.46652 (15081423)
  397358.26 3767531.08 41.94645 (10121217) 397398.26
3767531.08 43.31552 (16092420)
  397438.26 3767531.08 41.86464 (15101622) 397478.26
3767531.08 40.42518 (15082721)
  397518.26 3767531.08 38.83055 (15072223) 397558.26
3767531.08 37.76689 (12082822)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	36.49775	(12100223)	397638.26	3767531.08	34.98609	(15032623)
397678.26	3767531.08	33.53235	(12083102)	397718.26	3767531.08	32.02579	(16080924)
397320.82	3767219.11	136.99932	(16020517)	397330.82	3767209.11	133.70579	(16020517)
397340.82	3767189.11	132.69369	(11102516)	397340.82	3767199.11	126.22016	(16020517)
397340.82	3767209.11	122.06241	(16020517)	397350.82	3767189.11	117.68163	(11102516)
397350.82	3767199.11	115.17312	(16020517)	397360.82	3767189.11	105.29306	(11102516)
397360.82	3767199.11	105.39862	(16020517)	397370.82	3767189.11	95.11899	(16020517)
397380.82	3767189.11	87.14525	(16020517)	396920.42	3767167.32	151.30059	(15122816)
396989.95	3767243.54	142.48172	(15122816)	397044.10	3767223.97	257.52367	(15101407)
397113.57	3767239.93	273.86581	(15101407)	397158.63	3767280.29	247.45065	(10011716)
397168.95	3767307.05	222.02158	(10011716)	397244.05	3767296.72	191.76945	(11091107)
397260.95	3767278.88	191.98880	(11091107)	397409.74	3767205.66	70.72018	(16020517)
397422.89	3767189.23	63.74280	(16020517)	397426.64	3767180.78	60.37987	(16020517)
397420.54	3767170.46	62.27276	(11102516)	397318.68	3767160.13	164.27762	(11102516)

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       397022.98   3767083.62      150.16198  (15101407)               396943.60
 3767192.73      190.04237  (15122816)
       396966.77   3767218.13      190.16573  (15122816)               397017.03
 3767233.75      229.42216  (10011716)
       397078.83   3767231.95      266.95296  (15101407)               397136.10
 3767260.11      257.06904  (10011716)
       397206.50   3767301.88      199.14283  (10011716)               397298.15
 3767260.58      147.85869  (11091107)
       397335.34   3767242.27      107.64130  (12101116)               397372.54
 3767223.96       85.46437  (16020517)
       397386.59   3767167.02       84.84763  (11102516)               397352.63
 3767163.57      123.60080  (11102516)
       397276.44   3767149.20      189.45600  (15101407)               397234.19
 3767138.27      192.49051  (15101407)
       397191.95   3767127.34      202.07714  (15101407)               397149.71
 3767116.41      209.86609  (15101407)
       397107.47   3767105.48      207.30927  (15101407)               397065.22
 3767094.55      190.66244  (15101407)
       396988.79   3767111.52      162.10912  (15101407)               396954.61
 3767139.42      160.50444  (15101407)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                   PAGE  47
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08       19.62008  (11032317)               396598.26
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3766771.08       18.98525  (10020515)
       396638.26   3766771.08       22.24159  (10020515)                396678.26
3766771.08       25.90515  (15013006)
       396718.26   3766771.08       30.21197  (15013006)                396758.26
3766771.08       32.61673  (15090706)
       396798.26   3766771.08       34.29640  (16050618)                396838.26
3766771.08       37.55407  (12112007)
       396878.26   3766771.08       39.54510  (16101006)                396918.26
3766771.08       43.53234  (16110106)
       396958.26   3766771.08       45.47748  (16091506)                396998.26
3766771.08       46.68694  (16011808)
       397038.26   3766771.08       47.97698  (16092906)                397078.26
3766771.08       47.97867  (16092906)
       397118.26   3766771.08       45.11118  (16122907)                397158.26
3766771.08       41.30514  (16122907)
       397198.26   3766771.08       44.74186  (10123106)                397238.26
3766771.08       42.92630  (10123106)
       397278.26   3766771.08       47.95844  (10042206)                397318.26
3766771.08       48.91863  (12122608)
       397358.26   3766771.08       50.29855  (10012706)                397398.26
3766771.08       52.78949  (10012706)
       397438.26   3766771.08       49.36581  (10012706)                397478.26
3766771.08       45.57120  (12020606)
       397518.26   3766771.08       43.83057  (12020606)                397558.26
3766771.08       39.20959  (12020606)
       397598.26   3766771.08       37.45170  (10111106)                397638.26
3766771.08       34.16296  (10111106)
       397678.26   3766771.08       29.69302  (10111106)                397718.26
3766771.08       25.81021  (10040206)
       396558.26   3766811.08       24.30268  (11032317)                396598.26
3766811.08       24.36164  (11032317)
       396638.26   3766811.08       24.09121  (11032317)                396678.26
3766811.08       26.83252  (12103106)
       396718.26   3766811.08       30.90315  (15013006)                396758.26
3766811.08       33.94684  (15013006)
       396798.26   3766811.08       36.79281  (15090706)                396838.26
3766811.08       39.81395  (12112007)
       396878.26   3766811.08       43.54326  (12112007)                396918.26
3766811.08       46.04842  (16110106)
       396958.26   3766811.08       50.50822  (16110106)                396998.26
3766811.08       50.97102  (16092306)
       397038.26   3766811.08       52.22134  (16092906)                397078.26
3766811.08       53.12176  (16092906)
       397118.26   3766811.08       50.74473  (16122907)                397158.26
3766811.08       48.22396  (10112206)
       397198.26   3766811.08       51.02471  (10123106)                397238.26
3766811.08       49.93776  (10042206)
       397278.26   3766811.08       54.15267  (10042206)                397318.26
3766811.08       54.24747  (10012706)
       397358.26   3766811.08       58.95853  (10012706)                397398.26
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 3766811.08       44.30032  (10111106)
       397598.26   3766811.08       40.15234  (10111106)                397638.26
 3766811.08       34.68281  (10111106)
       397678.26   3766811.08       31.76910  (10040206)                397718.26
 3766811.08       28.63585  (10040206)
       396558.26   3766851.08       28.38467  (11032317)                396598.26
 3766851.08       29.66361  (11032317)
       396638.26   3766851.08       30.28625  (11032317)                396678.26
 3766851.08       29.83893  (11032317)
       396718.26   3766851.08       30.73259  (15100706)                396758.26
 3766851.08       34.64969  (15013006)
       396798.26   3766851.08       39.60280  (15013006)                396838.26
 3766851.08       43.00598  (15090706)
       396878.26   3766851.08       47.29515  (12112007)                396918.26
 3766851.08       50.45068  (16101006)
       396958.26   3766851.08       54.71959  (16110106)                396998.26
 3766851.08       56.44928  (16092306)
       397038.26   3766851.08       57.09429  (16011808)                397078.26
 3766851.08       59.06059  (16092906)
       397118.26   3766851.08       56.64033  (16122907)                397158.26
 3766851.08       55.72698  (10112206)
       397198.26   3766851.08       57.16492  (10123106)                397238.26
 3766851.08       62.01237  (10042206)
       397278.26   3766851.08       61.59654  (12122608)                397318.26
 3766851.08       65.44030  (10012706)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  48
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	64.75566	(10012706)	397398.26	3766851.08	59.89588	(12020606)
397438.26	3766851.08	58.47751	(12020606)	397478.26	3766851.08	54.00540	(10111106)
397518.26	3766851.08	51.63316	(10111106)	397558.26	3766851.08	46.40648	(10111106)
397598.26	3766851.08	41.11856	(10040206)	397638.26	3766851.08	38.08020	(10040206)
397678.26	3766851.08	34.68317	(16091906)	397718.26	3766851.08	30.88362	(15122506)
396558.26	3766891.08	30.68555	(11032317)	396598.26	3766891.08	33.61158	(11032317)
396638.26	3766891.08	36.11561	(11032317)	396678.26	3766891.08	37.68239	(11032317)
396718.26	3766891.08	36.95174	(11032317)	396758.26	3766891.08	36.41111	(15100706)
396798.26	3766891.08	40.77550	(15013006)	396838.26	3766891.08	46.60319	(15013006)
396878.26	3766891.08	50.66307	(15090706)	396918.26	3766891.08	54.68371	(12112007)
396958.26	3766891.08	57.71511	(16101006)	396998.26	3766891.08	62.43777	(16110106)
397038.26	3766891.08	62.97003	(16011808)	397078.26	3766891.08	66.75908	(16092906)
397118.26	3766891.08	63.60363	(16122907)	397158.26	3766891.08	63.60803	(10123106)
397198.26	3766891.08	66.85577	(10042206)	397238.26	3766891.08	72.54931	(10042206)
397278.26	3766891.08	77.07583	(10012706)	397318.26	3766891.08	78.02225	(10012706)
397358.26	3766891.08	69.95275	(12020606)	397398.26	3766891.08	66.65581	(12020606)
397438.26	3766891.08	62.38184	(10111106)	397478.26	3766891.08	59.15636	(10111106)
397518.26	3766891.08	52.77013	(10111106)	397558.26	3766891.08	48.87935	(10040206)
397598.26	3766891.08	45.14988	(16091906)	397638.26	3766891.08	40.94405	(16091906)
397678.26	3766891.08	36.90711	(10032606)	397718.26	3766891.08	33.04530	(10011407)
396558.26	3766931.08	30.49813	(11032317)	396598.26	3766931.08	35.04170	(11032317)

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       396638.26   3766931.08       39.84491  (11032317)                396678.26
 3766931.08       43.44187  (11032317)
       396718.26   3766931.08       45.81227  (11032317)                396758.26
 3766931.08       45.67181  (11032317)
       396798.26   3766931.08       43.41635  (15100706)                396838.26
 3766931.08       47.96434  (15013006)
       396878.26   3766931.08       54.81060  (15013006)                396918.26
 3766931.08       58.87060  (15090706)
       396958.26   3766931.08       64.19167  (12112007)                396998.26
 3766931.08       69.71506  (16110106)
       397038.26   3766931.08       72.64620  (16011808)                397078.26
 3766931.08       77.50217  (16092906)
       397118.26   3766931.08       73.87396  (15122508)                397158.26
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       397198.26   3766931.08       84.10651  (10042206)                397238.26
 3766931.08       87.65884  (10012706)
       397278.26   3766931.08       90.60701  (10012706)                397318.26
 3766931.08       83.45925  (12020606)
       397358.26   3766931.08       81.08287  (12020606)                397398.26
 3766931.08       75.31997  (10111106)
       397438.26   3766931.08       68.01562  (10111106)                397478.26
 3766931.08       60.85371  (10040206)
       397518.26   3766931.08       57.35901  (16091906)                397558.26
 3766931.08       52.77297  (16091906)
       397598.26   3766931.08       47.99532  (10032606)                397638.26
 3766931.08       43.46052  (10011407)
       397678.26   3766931.08       38.56138  (10011407)                397718.26
 3766931.08       33.57743  (10011407)
       396558.26   3766971.08       26.55003  (11032317)                396598.26
 3766971.08       32.00617  (11032317)
       396638.26   3766971.08       39.05172  (11032317)                396678.26
 3766971.08       45.17305  (11032317)
       396718.26   3766971.08       50.79971  (11032317)                396758.26
 3766971.08       54.81899  (11032317)
       396798.26   3766971.08       56.23688  (11032317)                396838.26
 3766971.08       54.69440  (11032317)
       396878.26   3766971.08       57.03866  (15013006)                396918.26
 3766971.08       65.75526  (15013006)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  49
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
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                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3766971.08       79.26187  (16110106)
        397038.26   3766971.08       86.38685  (16091506)               397078.26
 3766971.08       91.86367  (16092906)
        397118.26   3766971.08       90.29027  (15122508)               397158.26
 3766971.08       98.38813  (16122307)
        397198.26   3766971.08      119.98205  (12020606)               397238.26
 3766971.08      108.59848  (10012706)
        397278.26   3766971.08       98.95858  (10012706)               397318.26
 3766971.08       93.46316  (12020606)
        397358.26   3766971.08       85.31719  (10111106)               397398.26
 3766971.08       78.25938  (10111106)
        397438.26   3766971.08       73.11381  (10040206)               397478.26
 3766971.08       67.36205  (16091906)
        397518.26   3766971.08       61.36557  (10032606)               397558.26
 3766971.08       55.81288  (10011407)
        397598.26   3766971.08       49.81196  (10011407)               397638.26
 3766971.08       43.31416  (10011407)
        397678.26   3766971.08       38.11279  (10022418)               397718.26
 3766971.08       34.60692  (10022418)
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 3767011.08       25.93631  (11032317)
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 3767011.08       40.81252  (11032317)
        396718.26   3767011.08       49.50815  (11032317)               396758.26
 3767011.08       57.76570  (11032317)
        396798.26   3767011.08       64.99616  (11032317)               396838.26
 3767011.08       70.15440  (11032317)
        396878.26   3767011.08       70.98477  (11032317)               396918.26
 3767011.08       71.32486  (15100706)
        396958.26   3767011.08       83.09439  (15013006)               396998.26
 3767011.08       93.83240  (12112007)
        397038.26   3767011.08      104.58879  (16110106)               397078.26
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       397198.26   3767011.08      200.77038  (10012706)                397238.26
 3767011.08      194.18733  (12020606)
       397278.26   3767011.08      129.63009  (10040206)                397318.26
 3767011.08      103.31977  (10111106)
       397358.26   3767011.08       89.41567  (10020806)                397398.26
 3767011.08       86.16922  (16091906)
       397438.26   3767011.08       77.63505  (10032606)                397478.26
 3767011.08       71.17304  (10011407)
       397518.26   3767011.08       63.17569  (10011407)                397558.26
 3767011.08       55.18044  (11020807)
       397598.26   3767011.08       50.25612  (10022418)                397638.26
 3767011.08       45.17737  (10022418)
       397678.26   3767011.08       40.36172  (12122718)                397718.26
 3767011.08       36.41783  (12122718)
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 3767051.08       26.09307  (10100510)
       396638.26   3767051.08       29.56147  (10100510)                396678.26
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 3767051.08       51.77552  (11032317)
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 3767051.08       77.50074  (11032317)
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       396958.26   3767051.08       98.02197  (11032317)                396998.26
 3767051.08      123.53029  (12112007)
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 3767051.08      206.69648  (16122108)
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 3767051.08      196.48998  (10042206)
       397198.26   3767051.08      202.52497  (10020206)                397238.26
 3767051.08      182.55751  (12020606)
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       397358.26   3767051.08       98.95821  (10032606)                397398.26
 3767051.08       90.01099  (11030907)
       397438.26   3767051.08       78.07798  (10011407)                397478.26
 3767051.08       71.35270  (10022418)
       397518.26   3767051.08       64.82937  (10022418)                397558.26
 3767051.08       58.95216  (12122718)
       397598.26   3767051.08       53.09303  (12122718)                397638.26
 3767051.08       47.12609  (12122718)
       397678.26   3767051.08       41.41325  (12122718)                397718.26
 3767051.08       36.13451  (12122718)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	22.25094	(10112415)	396598.26	3767091.08	25.20266	(10021911)
396638.26	3767091.08	28.66272	(10021911)	396678.26	3767091.08	32.86612	(10100510)
396718.26	3767091.08	38.37389	(10100510)	396758.26	3767091.08	44.36056	(10100510)
396798.26	3767091.08	52.13103	(12031208)	396838.26	3767091.08	70.37408	(11032317)
396878.26	3767091.08	94.44405	(11032317)	396918.26	3767091.08	120.28362	(11032317)
396958.26	3767091.08	144.45820	(11032317)	396998.26	3767091.08	205.51075	(12021618)
397078.26	3767091.08	207.95914	(15122508)	397118.26	3767091.08	231.95255	(15122508)
397158.26	3767091.08	213.27093	(12122608)	397198.26	3767091.08	204.66551	(11011017)
397238.26	3767091.08	196.74782	(10111106)	397278.26	3767091.08	180.00887	(10112206)
397318.26	3767091.08	148.62632	(15122507)	397358.26	3767091.08	104.41390	(10022418)
397398.26	3767091.08	90.80704	(10010506)	397438.26	3767091.08	83.73225	(15121418)
397478.26	3767091.08	77.61957	(12122718)	397518.26	3767091.08	67.47558	(15121418)

397558.26 3767091.08 60.14943 (15121418) 397598.26 3767091.08 51.12832 (12091206)
397638.26 3767091.08 46.23309 (12091206) 397678.26 3767091.08 41.05589 (12091206)
397718.26 3767091.08 36.18036 (12091206) 396558.26 3767131.08 23.19114 (10112415)
396598.26 3767131.08 26.31170 (10112415) 396638.26 3767131.08 29.76368 (10112415)
396678.26 3767131.08 33.32848 (10112415) 396718.26 3767131.08 37.65183 (10112415)
396758.26 3767131.08 42.88380 (10112415) 396798.26 3767131.08 49.48954 (10021911)
396838.26 3767131.08 59.37995 (10021911) 396878.26 3767131.08 76.75598 (12031208)
396918.26 3767131.08 120.83161 (11032317) 396958.26 3767131.08 178.28394 (11032317)
397238.26 3767131.08 197.39176 (10011407) 397278.26 3767131.08 187.06605 (10123106)
397318.26 3767131.08 154.62848 (10010407) 397358.26 3767131.08 123.42660 (12091206)
397398.26 3767131.08 99.29047 (15121418) 397438.26 3767131.08 86.88342 (15121418)
397478.26 3767131.08 86.35993 (15120217) 397518.26 3767131.08 74.84893 (15120217)
397558.26 3767131.08 65.29232 (10012907) 397598.26 3767131.08 55.34772 (10012907)
397638.26 3767131.08 46.19933 (16022406) 397678.26 3767131.08 40.78169 (16022406)
397718.26 3767131.08 35.70240 (16022406) 396558.26 3767171.08 25.10818 (10100509)
396598.26 3767171.08 28.17680 (10100509) 396638.26 3767171.08 31.66775 (10100509)
396678.26 3767171.08 35.05563 (10100509) 396718.26 3767171.08 38.70769 (10100509)
396758.26 3767171.08 43.64868 (10100509) 396798.26 3767171.08 50.26331 (10100509)
396838.26 3767171.08 64.14321 (15122816) 396878.26 3767171.08 92.96542 (15122816)
396918.26 3767171.08 150.92554 (15122816) 397438.26 3767171.08 94.03023 (15030518)
397478.26 3767171.08 82.31611 (10012907) 397518.26 3767171.08 69.14449 (15030518)
397558.26 3767171.08 58.55264 (15030518) 397598.26 3767171.08 49.42330 (15030518)
397638.26 3767171.08 43.48543 (12110707) 397678.26 3767171.08 38.47501 (12110707)
397718.26 3767171.08 33.93867 (12110707) 396558.26 3767211.08 25.20558 (10100509)
396598.26 3767211.08 28.33626 (10100509) 396638.26 3767211.08 31.77445 (10100509)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       396918.26   3767211.08   136.88499 (15122816)   396958.26
 3767211.08   195.56186 (15122816)
       397438.26   3767211.08   112.97832 (16022418)   397478.26
 3767211.08   96.90679 (16022418)
       397518.26   3767211.08   74.58786 (16022418)   397558.26
 3767211.08   59.29931 (11022806)
       397598.26   3767211.08   48.83493 (16022418)   397638.26
 3767211.08   43.51122 (16022418)
       397678.26   3767211.08   38.59070 (16022418)   397718.26
 3767211.08   34.13987 (16022418)
       396558.26   3767251.08   28.19119 (11022515)   396598.26
 3767251.08   31.72501 (11022515)
       396638.26   3767251.08   35.54614 (11022515)   396678.26
 3767251.08   39.70804 (11022515)
       396718.26   3767251.08   43.59930 (11022515)   396758.26

3767251.08 47.53813 (11022515)
396798.26 3767251.08 55.31005 (15122816) 396838.26
3767251.08 67.46338 (15122816)
396878.26 3767251.08 82.60826 (15122816) 396918.26
3767251.08 102.85627 (15122816)
396958.26 3767251.08 117.36048 (15122816) 396998.26
3767251.08 152.55974 (16022407)
397038.26 3767251.08 140.08053 (10011716) 397078.26
3767251.08 169.07172 (15101407)
397118.26 3767251.08 260.39096 (15101407) 397318.26
3767251.08 180.87715 (12101116)
397358.26 3767251.08 136.12438 (12120407) 397398.26
3767251.08 124.57021 (12120407)
397438.26 3767251.08 112.06201 (12120407) 397478.26
3767251.08 100.47578 (12120407)
397518.26 3767251.08 83.89821 (12120407) 397558.26
3767251.08 71.07687 (12120407)
397598.26 3767251.08 58.22236 (11120617) 397638.26
3767251.08 46.42454 (11022806)
397678.26 3767251.08 40.16254 (11022806) 397718.26
3767251.08 34.86981 (10110407)
396558.26 3767291.08 39.68323 (10101406) 396598.26
3767291.08 36.31794 (11112506)
396638.26 3767291.08 38.73380 (11022515) 396678.26
3767291.08 41.95538 (11022515)
396718.26 3767291.08 44.18527 (11022515) 396758.26
3767291.08 45.82292 (11022515)
396798.26 3767291.08 49.08496 (11022515) 396838.26
3767291.08 54.69683 (15122816)
396878.26 3767291.08 66.12553 (11112015) 396918.26
3767291.08 85.76487 (12080306)
396958.26 3767291.08 96.66713 (12022007) 396998.26
3767291.08 108.71862 (11081906)
397038.26 3767291.08 116.88215 (16020818) 397078.26
3767291.08 141.50954 (15101606)
397118.26 3767291.08 131.29376 (10121311) 397158.26
3767291.08 257.59691 (10011716)
397278.26 3767291.08 168.84362 (11112817) 397318.26
3767291.08 149.44678 (15012218)
397358.26 3767291.08 128.12370 (10112518) 397398.26
3767291.08 113.51015 (11101218)
397438.26 3767291.08 101.52667 (11110718) 397478.26
3767291.08 92.61122 (10021207)
397518.26 3767291.08 84.12721 (12120407) 397558.26
3767291.08 78.20936 (12120407)
397598.26 3767291.08 72.52814 (12120407) 397638.26
3767291.08 61.25497 (12120407)
397678.26 3767291.08 43.74652 (12120407) 397718.26
3767291.08 35.59496 (11020206)
396558.26 3767331.08 45.37213 (16022407) 396598.26

```
 3767331.08       48.17775  (11011706)
       396638.26   3767331.08       50.19524  (11011706)                396678.26
 3767331.08       43.04754  (16010508)
       396718.26   3767331.08       39.26095  (11022515)                396758.26
 3767331.08       40.79524  (10101916)
       396798.26   3767331.08       44.23610  (10101916)                396838.26
 3767331.08       47.53630  (10101916)
       396878.26   3767331.08       61.07888  (12080306)                396918.26
 3767331.08       75.00323  (12080306)
       396958.26   3767331.08       82.22229  (16020818)                396998.26
 3767331.08       86.55731  (12032306)
       397038.26   3767331.08       94.71666  (11081906)                397078.26
 3767331.08      120.98807  (15101606)
       397118.26   3767331.08      157.33471  (15121618)                397158.26
 3767331.08      179.07201  (12082906)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  52
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08      186.65019  (12010518)                397238.26
 3767331.08      177.84481  (12101618)
       397278.26   3767331.08      159.64401  (15100918)                397318.26
 3767331.08      127.73039  (12091106)
       397358.26   3767331.08      114.24994  (12091706)                397398.26
 3767331.08      104.59548  (10102018)
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       397438.26   3767331.08       96.71592  (10112518)                397478.26
3767331.08       88.26366  (15021906)
       397518.26   3767331.08       79.72401  (11101218)                397558.26
3767331.08       73.49504  (11110718)
       397598.26   3767331.08       67.60989  (10021207)                397638.26
3767331.08       61.89591  (11022306)
       397678.26   3767331.08       51.10176  (12120407)                397718.26
3767331.08       39.01525  (11021506)
       396558.26   3767371.08       44.64509  (16091306)                396598.26
3767371.08       44.06037  (16011806)
       396638.26   3767371.08       43.91001  (15022007)                396678.26
3767371.08       36.56378  (15012607)
       396718.26   3767371.08       39.24059  (10101916)                396758.26
3767371.08       40.71150  (10101916)
       396798.26   3767371.08       40.55963  (10101916)                396838.26
3767371.08       43.58098  (12111516)
       396878.26   3767371.08       49.15439  (11112015)                396918.26
3767371.08       62.05810  (15102807)
       396958.26   3767371.08       71.44435  (12032306)                396998.26
3767371.08       73.94617  (12032306)
       397038.26   3767371.08       73.51869  (16092206)                397078.26
3767371.08       90.48094  (15101606)
       397118.26   3767371.08      108.29258  (15121618)                397158.26
3767371.08      137.71734  (11120718)
       397198.26   3767371.08      138.72539  (10093006)                397238.26
3767371.08      126.46126  (10112517)
       397278.26   3767371.08      123.20639  (12101618)                397318.26
3767371.08      114.40360  (11011418)
       397358.26   3767371.08      103.91576  (12091106)                397398.26
3767371.08       96.99676  (15012218)
       397438.26   3767371.08       89.86771  (12091706)                397478.26
3767371.08       82.44094  (10102018)
       397518.26   3767371.08       76.22700  (10112518)                397558.26
3767371.08       70.95583  (10112518)
       397598.26   3767371.08       65.33172  (15021906)                397638.26
3767371.08       59.66433  (11110718)
       397678.26   3767371.08       55.24593  (11110718)                397718.26
3767371.08       45.95465  (10021207)
       396558.26   3767411.08       41.88038  (15022007)                396598.26
3767411.08       40.96091  (15022007)
       396638.26   3767411.08       35.62099  (12080306)                396678.26
3767411.08       34.51153  (10101916)
       396718.26   3767411.08       35.27487  (10101916)                396758.26
3767411.08       36.93635  (12111516)
       396798.26   3767411.08       38.87756  (12111516)                396838.26
3767411.08       39.42452  (12111516)
       396878.26   3767411.08       41.85583  (15051307)                396918.26
3767411.08       50.42841  (15102807)
       396958.26   3767411.08       61.01486  (12032306)                396998.26
3767411.08       65.10571  (16092206)
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       397038.26   3767411.08       64.30287  (16092206)               397078.26
 3767411.08       77.90427  (15101606)
       397118.26   3767411.08       88.38324  (15101606)               397158.26
 3767411.08      101.39206  (15121618)
       397198.26   3767411.08      106.25420  (11120718)               397238.26
 3767411.08      110.66321  (16101918)
       397278.26   3767411.08      108.04395  (10093006)               397318.26
 3767411.08      107.21634  (11011418)
       397358.26   3767411.08       99.55301  (11011418)               397398.26
 3767411.08       88.01008  (12120418)
       397438.26   3767411.08       83.33463  (12091106)               397478.26
 3767411.08       78.11102  (15012218)
       397518.26   3767411.08       72.68220  (12091706)               397558.26
 3767411.08       67.29070  (10102018)
       397598.26   3767411.08       62.56322  (10102018)               397638.26
 3767411.08       58.21160  (10112518)
       397678.26   3767411.08       53.71431  (15021906)               397718.26
 3767411.08       48.74138  (15021906)
       396558.26   3767451.08       39.95303  (11081906)               396598.26
 3767451.08       37.85218  (12022007)
       396638.26   3767451.08       33.84001  (12080306)               396678.26
 3767451.08       31.40135  (12080306)
       396718.26   3767451.08       32.90852  (12111516)               396758.26
 3767451.08       34.32557  (12111516)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  53
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
- -

396798.26   3767451.08   34.65561 (15051307)   396838.26
3767451.08   37.67186 (15051307)
396878.26   3767451.08   38.78601 (15051307)   396918.26
3767451.08   44.02696 (16102418)
396958.26   3767451.08   55.36823 (16092206)   396998.26
3767451.08   58.73481 (16092206)
397038.26   3767451.08   54.89140 (15031906)   397078.26
3767451.08   66.85674 (15101606)
397118.26   3767451.08   77.47989 (15101606)   397158.26
3767451.08   87.74587 (15121618)
397198.26   3767451.08   92.31218 (12012518)   397238.26
3767451.08   95.77612 (16110418)
397278.26   3767451.08   96.51616 (16101918)   397318.26
3767451.08   96.27606 (10093006)
397358.26   3767451.08   95.04944 (11011418)   397398.26
3767451.08   87.61896 (11011418)
397438.26   3767451.08   76.91242 (12120418)   397478.26
3767451.08   72.84218 (12101518)
397518.26   3767451.08   68.48969 (15012218)   397558.26
3767451.08   64.22305 (15012218)
397598.26   3767451.08   60.27233 (12091706)   397638.26
3767451.08   55.75887 (10102018)
397678.26   3767451.08   51.75193 (10102018)   397718.26
3767451.08   47.75792 (10112518)
396558.26   3767491.08   36.38191 (16020818)   396598.26
3767491.08   36.09162 (16020818)
396638.26   3767491.08   37.41820 (16020818)   396678.26
3767491.08   38.76182 (12121218)
396718.26   3767491.08   36.34646 (15102807)   396758.26
3767491.08   31.16448 (15051307)
396798.26   3767491.08   33.62510 (15051307)   396838.26
3767491.08   34.79179 (15051307)
396878.26   3767491.08   34.36452 (15051307)   396918.26
3767491.08   39.51968 (15090406)
396958.26   3767491.08   48.18867 (16092206)   396998.26
3767491.08   49.59174 (16092206)
397038.26   3767491.08   50.96664 (15031906)   397078.26
3767491.08   58.83655 (15101606)
397118.26   3767491.08   69.11096 (15101606)   397158.26
3767491.08   76.47813 (15121618)
397198.26   3767491.08   83.49050 (12012518)   397238.26
3767491.08   85.20392 (11120718)
397278.26   3767491.08   87.45507 (16101918)   397318.26
3767491.08   85.55541 (10093006)
397358.26   3767491.08   86.05676 (10093006)   397398.26
3767491.08   84.83446 (11011418)
397438.26   3767491.08   77.64977 (11011418)   397478.26

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 3767491.08       68.16045  (12111518)
       397518.26   3767491.08       63.96149  (12081406)                397558.26
 3767491.08       60.89096  (12101518)
       397598.26   3767491.08       57.39314  (15012218)                397638.26
 3767491.08       53.31822  (12091706)
       397678.26   3767491.08       49.90697  (12091706)                397718.26
 3767491.08       46.22469  (10102018)
       396558.26   3767531.08       35.10268  (16020818)                396598.26
 3767531.08       36.57445  (12121218)
       396638.26   3767531.08       39.44155  (12032306)                396678.26
 3767531.08       41.73930  (12032306)
       396718.26   3767531.08       37.70904  (12032306)                396758.26
 3767531.08       29.62368  (15051307)
       396798.26   3767531.08       30.78694  (15051307)                396838.26
 3767531.08       31.45189  (10040918)
       396878.26   3767531.08       36.17859  (10122316)                396918.26
 3767531.08       39.27359  (10122316)
       396958.26   3767531.08       39.69954  (10122316)                396998.26
 3767531.08       44.47559  (15031906)
       397038.26   3767531.08       44.97061  (15031906)                397078.26
 3767531.08       54.02771  (15101606)
       397118.26   3767531.08       63.92318  (15101606)                397158.26
 3767531.08       67.58408  (15121618)
       397198.26   3767531.08       75.64288  (15121618)                397238.26
 3767531.08       76.53174  (12121018)
       397278.26   3767531.08       78.37023  (11120718)                397318.26
 3767531.08       78.82518  (16101918)
       397358.26   3767531.08       77.55255  (10093006)                397398.26
 3767531.08       77.47135  (10093006)
       397438.26   3767531.08       75.21867  (11011418)                397478.26
 3767531.08       68.68044  (11011418)
       397518.26   3767531.08       61.02747  (12111518)                397558.26
 3767531.08       56.66124  (12081406)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  54
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                      INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
```

, L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	54.14242	(12101518)	397638.26	3767531.08	50.60603	(15012218)
397678.26	3767531.08	47.63099	(15012218)	397718.26	3767531.08	44.47349	(12091706)
397320.82	3767219.11	191.24825	(16022418)	397330.82	3767209.11	179.09937	(12110707)
397340.82	3767189.11	197.77626	(16022406)	397340.82	3767199.11	182.86421	(16022406)
397340.82	3767209.11	176.54419	(16022418)	397350.82	3767189.11	183.21776	(16022406)
397350.82	3767199.11	179.57142	(16022418)	397360.82	3767189.11	156.39442	(16022406)
397360.82	3767199.11	148.33950	(16022406)	397370.82	3767189.11	115.43551	(16022406)
397380.82	3767189.11	104.37453	(16022418)	396920.42	3767167.32	151.90816	(15122816)
396989.95	3767243.54	151.54568	(10101406)	397044.10	3767223.97	257.91946	(15101407)
397113.57	3767239.93	274.17148	(15101407)	397158.63	3767280.29	247.45065	(10011716)
397168.95	3767307.05	222.02158	(10011716)	397244.05	3767296.72	191.76945	(11091107)
397260.95	3767278.88	191.98880	(11091107)	397409.74	3767205.66	109.32285	(16022418)
397422.89	3767189.23	98.63045	(15030518)	397426.64	3767180.78	98.05584	(15030518)
397420.54	3767170.46	98.24011	(15030518)	397318.68	3767160.13	167.12402	(11102516)
397022.98	3767083.62	211.84549	(12102406)	396943.60	3767192.73	190.99735	(15122816)
396966.77	3767218.13	191.31376	(15122816)	397017.03	3767233.75	229.42216	(10011716)
397078.83	3767231.95	267.32503	(15101407)	397136.10	3767260.11	257.06904	(10011716)
397206.50	3767301.88	199.14283	(10011716)	397298.15	3767260.58	186.31086	(12101116)
397335.34	3767242.27	162.59789	(11021506)	397372.54	3767223.96	123.21762	(11022806)

397386.59   3767167.02   106.75174 (15030518)   397352.63
3767163.57   170.34558 (12091206)
397276.44   3767149.20   200.45981 (12122718)   397234.19
3767138.27   205.47126 (10011407)
397191.95   3767127.34   214.14222 (10111106)   397149.71
3767116.41   225.34611 (10020206)
397107.47   3767105.48   260.19738 (15122508)   397065.22
3767094.55   219.12685 (16102606)
396988.79   3767111.52   217.08837 (16111406)   396954.61
3767139.42   175.65787 (11032317)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	12.27193	(16012807)	396598.26	3766771.08	14.09738	(16012807)
396638.26	3766771.08	17.06214	(15100706)	396678.26	3766771.08	21.03225	(12021618)
396718.26	3766771.08	25.00535	(16010806)	396758.26	3766771.08	26.89804	(12111406)
396798.26	3766771.08	27.72483	(16122017)	396838.26	3766771.08	30.54188	(16040106)
396878.26	3766771.08	32.61541	(12013107)	396918.26	3766771.08	34.05754	(16122306)
396958.26	3766771.08	37.75863	(12111407)	396998.26	3766771.08	37.46064	(12022906)
397038.26	3766771.08	36.56093	(15031106)	397078.26	3766771.08	35.72163	(16091406)
397118.26	3766771.08	33.03892	(15122508)	397158.26	3766771.08	32.00271	(16030107)
397198.26	3766771.08	28.06318	(16092906)	397238.26			

3766771.08 28.54778 (10120708)
397278.26 3766771.08 31.07018 (10030507) 397318.26
3766771.08 34.01291 (10010407)
397358.26 3766771.08 35.17505 (11011017) 397398.26
3766771.08 32.06457 (10112607)
397438.26 3766771.08 30.31827 (11011307) 397478.26
3766771.08 29.93337 (11011307)
397518.26 3766771.08 29.14915 (10050306) 397558.26
3766771.08 26.56160 (11011017)
397598.26 3766771.08 26.27650 (12122008) 397638.26
3766771.08 23.80924 (11021507)
397678.26 3766771.08 21.54819 (11021806) 397718.26
3766771.08 20.23089 (10011108)
396558.26 3766811.08 13.04481 (15110506) 396598.26
3766811.08 15.11130 (15102707)
396638.26 3766811.08 18.29470 (15110506) 396678.26
3766811.08 21.64698 (15021007)
396718.26 3766811.08 25.19099 (12021618) 396758.26
3766811.08 27.83346 (16010806)
396798.26 3766811.08 30.02609 (16112307) 396838.26
3766811.08 32.27822 (15102806)
396878.26 3766811.08 35.61203 (12020207) 396918.26
3766811.08 37.33172 (16120807)
396958.26 3766811.08 40.64966 (16121606) 396998.26
3766811.08 41.64655 (12022906)
397038.26 3766811.08 40.09998 (10120307) 397078.26
3766811.08 39.18859 (16091406)
397118.26 3766811.08 36.89826 (16122908) 397158.26
3766811.08 35.78368 (16111107)
397198.26 3766811.08 31.80210 (16092906) 397238.26
3766811.08 33.15010 (10112308)
397278.26 3766811.08 36.66798 (10020206) 397318.26
3766811.08 37.78364 (10051206)
397358.26 3766811.08 36.52315 (10120107) 397398.26
3766811.08 34.32072 (10030507)
397438.26 3766811.08 34.65633 (10111106) 397478.26
3766811.08 34.68908 (10050306)
397518.26 3766811.08 31.85237 (10011108) 397558.26
3766811.08 31.70706 (10021807)
397598.26 3766811.08 28.06959 (11021507) 397638.26
3766811.08 27.45382 (10080606)
397678.26 3766811.08 24.24533 (15122506) 397718.26
3766811.08 21.03165 (10020806)
396558.26 3766851.08 13.02559 (15100906) 396598.26
3766851.08 15.30660 (15031307)
396638.26 3766851.08 18.43977 (15112607) 396678.26
3766851.08 21.79590 (10020307)
396718.26 3766851.08 24.40226 (12120406) 396758.26
3766851.08 27.95458 (12021618)
396798.26 3766851.08 32.20382 (16010806) 396838.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	39.80527	(10112607)	397398.26	3766851.08	40.15992	(10111106)
397438.26	3766851.08	40.52163	(12101207)	397478.26	3766851.08	37.67452	(12101207)
397518.26	3766851.08	36.27442	(10021807)	397558.26	3766851.08	34.10469	(16091906)
397598.26	3766851.08	31.85630	(10011108)	397638.26	3766851.08	28.58307	(10050306)
397678.26	3766851.08	24.99956	(12122707)	397718.26	3766851.08	21.23338	(11020807)
396558.26	3766891.08	13.86649	(12022306)	396598.26	3766891.08	15.35394	(15100906)
396638.26	3766891.08	17.93040	(15031307)	396678.26	3766891.08	22.43132	(15102707)

396718.26 3766891.08 26.04360 (10042106) 396758.26
3766891.08 28.81122 (11122707)
396798.26 3766891.08 32.54589 (16010806) 396838.26
3766891.08 37.40367 (12021618)
396878.26 3766891.08 40.24692 (16110406) 396918.26
3766891.08 42.53021 (16040106)
396958.26 3766891.08 45.38228 (12102406) 396998.26
3766891.08 48.50522 (16121606)
397038.26 3766891.08 48.10933 (10111507) 397078.26
3766891.08 47.70684 (16122208)
397118.26 3766891.08 45.11560 (16120607) 397158.26
3766891.08 41.30429 (10010407)
397198.26 3766891.08 42.82340 (10112308) 397238.26
3766891.08 48.19292 (10112308)
397278.26 3766891.08 50.89679 (10120107) 397318.26
3766891.08 47.04991 (10112607)
397358.26 3766891.08 46.39386 (12101207) 397398.26
3766891.08 45.68178 (12101207)
397438.26 3766891.08 44.02149 (10011108) 397478.26
3766891.08 42.76163 (12020606)
397518.26 3766891.08 40.93604 (10011108) 397558.26
3766891.08 37.53588 (10020806)
397598.26 3766891.08 33.01297 (12122707) 397638.26
3766891.08 28.75029 (12122008)
397678.26 3766891.08 27.62852 (11020807) 397718.26
3766891.08 24.10900 (12072606)
396558.26 3766931.08 14.26147 (10102906) 396598.26
3766931.08 16.22517 (15010908)
396638.26 3766931.08 18.95292 (12121106) 396678.26
3766931.08 21.33454 (11111607)
396718.26 3766931.08 25.89511 (15102707) 396758.26
3766931.08 30.53229 (15102707)
396798.26 3766931.08 34.20092 (10020307) 396838.26
3766931.08 37.48800 (16010806)
396878.26 3766931.08 42.96428 (12100906) 396918.26
3766931.08 45.43588 (11090606)
396958.26 3766931.08 48.90816 (12020207) 396998.26
3766931.08 51.28286 (16092306)
397038.26 3766931.08 55.09051 (16091506) 397078.26
3766931.08 54.31644 (16091406)
397118.26 3766931.08 54.17723 (16092906) 397158.26
3766931.08 48.83838 (16122907)
397198.26 3766931.08 57.07833 (10020206) 397238.26
3766931.08 58.01356 (10041306)
397278.26 3766931.08 54.25608 (10052706) 397318.26
3766931.08 54.96506 (10041306)
397358.26 3766931.08 55.05155 (10012706) 397398.26
3766931.08 53.42304 (10011108)
397438.26 3766931.08 49.47824 (10080606) 397478.26
3766931.08 47.24060 (15122506)

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       397518.26   3766931.08       42.40697  (10111106)                397558.26
 3766931.08       38.03749  (12122008)
       397598.26   3766931.08       36.57906  (11020807)                397638.26
 3766931.08       32.17843  (12072606)
       397678.26   3766931.08       28.28293  (10022418)                397718.26
 3766931.08       24.79287  (11030907)
       396558.26   3766971.08       13.29719  (10122308)                396598.26
 3766971.08       15.73826  (16011306)
       396638.26   3766971.08       18.80192  (15010908)                396678.26
 3766971.08       22.14686  (15010908)
       396718.26   3766971.08       25.66823  (11032317)                396758.26
 3766971.08       29.05352  (15112607)
       396798.26   3766971.08       34.92406  (15102707)                396838.26
 3766971.08       39.99989  (15112607)
       396878.26   3766971.08       43.23405  (12103106)                396918.26
 3766971.08       49.63282  (12100906)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  57
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396958.26   3766971.08       52.79849  (11090606)                396998.26
 3766971.08       58.03502  (15111006)
       397038.26   3766971.08       63.45694  (10020106)                397078.26
 3766971.08       62.07960  (16122208)
       397118.26   3766971.08       63.15141  (15032406)                397158.26
 3766971.08       73.37092  (11011806)
       397198.26   3766971.08       80.42701  (10020206)                397238.26
 3766971.08       71.47975  (10041306)
       397278.26   3766971.08       64.54507  (10041306)                397318.26
 3766971.08       63.51100  (10012706)
       397358.26   3766971.08       60.59290  (10011108)                397398.26
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3766971.08 58.11251 (10011108)
397438.26 3766971.08 55.55701 (10011407) 397478.26
3766971.08 49.34576 (12122008)
397518.26 3766971.08 47.23111 (11020807) 397558.26
3766971.08 41.66360 (10080606)
397598.26 3766971.08 38.10170 (16091906) 397638.26
3766971.08 32.16907 (11030907)
397678.26 3766971.08 28.55704 (15122506) 397718.26
3766971.08 24.07018 (11030907)
396558.26 3767011.08 13.46460 (11031007) 396598.26
3767011.08 14.77747 (12091006)
396638.26 3767011.08 17.25080 (10122308) 396678.26
3767011.08 20.05125 (12011306)
396718.26 3767011.08 24.56426 (12022306) 396758.26
3767011.08 29.08081 (10122308)
396798.26 3767011.08 33.46941 (15010908) 396838.26
3767011.08 39.43736 (15102707)
396878.26 3767011.08 46.22483 (11123007) 396918.26
3767011.08 51.53716 (10120907)
396958.26 3767011.08 59.19008 (12100906) 396998.26
3767011.08 64.46453 (16040106)
397038.26 3767011.08 71.63536 (16121606) 397078.26
3767011.08 89.35772 (11122906)
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3767011.08 108.08357 (11030908)
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3767011.08 130.89546 (10062106)
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3767011.08 71.60881 (10011108)
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3767011.08 60.19361 (12122008)
397438.26 3767011.08 59.47878 (11020807) 397478.26
3767011.08 52.46028 (10080606)
397518.26 3767011.08 47.92062 (16091906) 397558.26
3767011.08 43.65786 (15122506)
397598.26 3767011.08 35.99649 (15122506) 397638.26
3767011.08 30.76677 (10010506)
397678.26 3767011.08 27.06106 (10011407) 397718.26
3767011.08 24.72345 (15120217)
396558.26 3767051.08 13.83270 (12011806) 396598.26
3767051.08 15.85576 (11031007)
396638.26 3767051.08 17.62744 (11010518) 396678.26
3767051.08 19.97882 (10100506)
396718.26 3767051.08 23.05876 (15040706) 396758.26
3767051.08 26.87792 (11040606)
396798.26 3767051.08 32.05022 (12022306) 396838.26
3767051.08 37.92520 (10122308)
396878.26 3767051.08 45.51031 (12120606) 396918.26
3767051.08 55.66776 (15102707)
396958.26 3767051.08 63.37782 (16011507) 396998.26

3767051.08   80.11750 (15013006)
       397038.26   3767051.08   133.65865 (16092306)   397078.26
3767051.08   145.62330 (16122908)
       397118.26   3767051.08   131.00984 (12072506)   397158.26
3767051.08   140.05196 (10012706)
       397198.26   3767051.08   135.43559 (10041306)   397238.26
3767051.08   133.67935 (12101207)
       397278.26   3767051.08   133.95607 (10021606)   397318.26
3767051.08   98.91860 (12122718)
       397358.26   3767051.08   72.85050 (11020807)   397398.26
3767051.08   63.17788 (12072606)
       397438.26   3767051.08   58.92239 (12122718)   397478.26
3767051.08   53.22793 (15122506)
       397518.26   3767051.08   44.37230 (15122507)   397558.26
3767051.08   40.66128 (10011407)
       397598.26   3767051.08   37.11141 (11020807)   397638.26
3767051.08   32.38576 (15121418)
       397678.26   3767051.08   29.80842 (16022406)   397718.26
3767051.08   27.25045 (10022418)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
       396558.26   3767091.08   14.30720 (10021911)   396598.26
3767091.08   16.16867 (11010518)
       396638.26   3767091.08   17.79943 (12072706)   396678.26
3767091.08   20.02268 (12091006)
       396718.26   3767091.08   23.23120 (11040606)   396758.26
3767091.08   26.57833 (12011806)
       396798.26   3767091.08   30.03333 (10100506)   396838.26
3767091.08   35.87321 (11031007)

396878.26 3767091.08 42.85457 (12022306) 396918.26
3767091.08 52.51871 (12121106)
396958.26 3767091.08 65.88931 (15102707) 396998.26
3767091.08 127.90289 (10120907)
397078.26 3767091.08 111.40151 (16092906) 397118.26
3767091.08 125.31308 (16111107)
397158.26 3767091.08 149.74214 (10051206) 397198.26
3767091.08 120.77143 (11011307)
397238.26 3767091.08 125.08371 (16091906) 397278.26
3767091.08 117.75901 (15111018)
397318.26 3767091.08 105.34859 (10022418) 397358.26
3767091.08 73.27642 (12072606)
397398.26 3767091.08 61.51707 (15122506) 397438.26
3767091.08 56.46491 (12041106)
397478.26 3767091.08 51.06900 (16022406) 397518.26
3767091.08 48.37377 (16022406)
397558.26 3767091.08 44.76101 (12120507) 397598.26
3767091.08 41.85674 (12120507)
397638.26 3767091.08 37.95111 (12122718) 397678.26
3767091.08 32.32304 (12122718)
397718.26 3767091.08 27.35065 (10070506) 396558.26
3767131.08 14.81032 (10112415)
396598.26 3767131.08 16.61616 (11121207) 396638.26
3767131.08 18.06264 (12080906)
396678.26 3767131.08 19.71377 (12021514) 396718.26
3767131.08 21.93853 (12021514)
396758.26 3767131.08 24.91487 (10021911) 396798.26
3767131.08 28.64077 (10100506)
396838.26 3767131.08 33.95449 (11040606) 396878.26
3767131.08 40.86418 (10100506)
396918.26 3767131.08 48.46619 (12020206) 396958.26
3767131.08 80.64450 (10042106)
397238.26 3767131.08 93.55705 (10050306) 397278.26
3767131.08 108.10676 (12011106)
397318.26 3767131.08 92.43162 (11011308) 397358.26
3767131.08 84.60813 (12122718)
397398.26 3767131.08 69.17509 (12120507) 397438.26
3767131.08 63.32863 (12041106)
397478.26 3767131.08 54.90889 (12122718) 397518.26
3767131.08 48.00409 (15101918)
397558.26 3767131.08 43.71849 (15101918) 397598.26
3767131.08 39.82883 (15101918)
397638.26 3767131.08 36.21953 (15101918) 397678.26
3767131.08 32.07228 (11032206)
397718.26 3767131.08 27.92246 (12111317) 396558.26
3767171.08 15.83141 (11093018)
396598.26 3767171.08 17.84541 (15021118) 396638.26
3767171.08 19.90948 (11021818)
396678.26 3767171.08 21.43006 (10122106) 396718.26
3767171.08 23.31205 (15021118)

396758.26 3767171.08 26.22405 (15021118) 396798.26
3767171.08 29.98729 (10100509)
396838.26 3767171.08 35.01067 (10052606) 396878.26
3767171.08 41.23075 (11020918)
396918.26 3767171.08 47.94793 (11111806) 397438.26
3767171.08 59.47415 (16022418)
397478.26 3767171.08 52.87716 (11110107) 397518.26
3767171.08 48.33709 (11110107)
397558.26 3767171.08 43.63142 (15101918) 397598.26
3767171.08 39.11123 (15101918)
397638.26 3767171.08 34.78979 (15101918) 397678.26
3767171.08 30.43280 (12120507)
397718.26 3767171.08 26.49845 (12111317) 396558.26
3767211.08 16.38930 (15010517)
396598.26 3767211.08 18.59448 (15010517) 396638.26
3767211.08 20.89166 (11121207)
396678.26 3767211.08 23.46241 (15010517) 396718.26
3767211.08 24.76790 (15010517)
396758.26 3767211.08 27.34172 (15010517) 396798.26
3767211.08 31.43062 (15010517)
396838.26 3767211.08 37.74795 (12112807) 396878.26
3767211.08 44.55679 (10111006)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	51.90976	(10111006)	396958.26	3767211.08	59.49174	(11121207)
397438.26	3767211.08	53.33764	(12020706)	397478.26	3767211.08	48.68058	(12020706)
397518.26	3767211.08	44.85221	(12020706)	397558.26			

3767211.08 40.44742 (12020706)
397598.26 3767211.08 36.03443 (12020706) 397638.26
3767211.08 31.82862 (12111217)
397678.26 3767211.08 28.12937 (11022806) 397718.26
3767211.08 24.83947 (11022806)
396558.26 3767251.08 16.92570 (12112606) 396598.26
3767251.08 19.03590 (12112606)
396638.26 3767251.08 21.36462 (12112917) 396678.26
3767251.08 24.10112 (16010707)
396718.26 3767251.08 26.30990 (16010707) 396758.26
3767251.08 27.54841 (16010707)
396798.26 3767251.08 30.88774 (16010707) 396838.26
3767251.08 36.06913 (10100518)
396878.26 3767251.08 43.41131 (11011706) 396918.26
3767251.08 46.91640 (11091906)
396958.26 3767251.08 50.59933 (10111006) 396998.26
3767251.08 72.65966 (15020607)
397038.26 3767251.08 53.29137 (12011011) 397078.26
3767251.08 48.44069 (12112606)
397118.26 3767251.08 73.31309 (12061811) 397318.26
3767251.08 85.05308 (16120118)
397358.26 3767251.08 60.12474 (10031906) 397398.26
3767251.08 53.47130 (11021506)
397438.26 3767251.08 48.23429 (16022418) 397478.26
3767251.08 44.15065 (15072206)
397518.26 3767251.08 40.59605 (16022418) 397558.26
3767251.08 37.55703 (16022418)
397598.26 3767251.08 34.17359 (10031906) 397638.26
3767251.08 30.99113 (15072206)
397678.26 3767251.08 27.57973 (16020418) 397718.26
3767251.08 24.57315 (10070706)
396558.26 3767291.08 16.14186 (11022515) 396598.26
3767291.08 18.31044 (10122706)
396638.26 3767291.08 20.59779 (10112506) 396678.26
3767291.08 23.41949 (10112506)
396718.26 3767291.08 26.34969 (10112506) 396758.26
3767291.08 26.83510 (10112506)
396798.26 3767291.08 29.04765 (15020607) 396838.26
3767291.08 33.51772 (10102706)
396878.26 3767291.08 38.28403 (10101406) 396918.26
3767291.08 40.16375 (16010508)
396958.26 3767291.08 42.34041 (12080306) 396998.26
3767291.08 46.96100 (10011107)
397038.26 3767291.08 57.43450 (10010706) 397078.26
3767291.08 85.04785 (12102518)
397118.26 3767291.08 93.03807 (10071410) 397158.26
3767291.08 64.43076 (12112817)
397278.26 3767291.08 81.12498 (10102018) 397318.26
3767291.08 67.26521 (12121318)
397358.26 3767291.08 55.43091 (16092318) 397398.26

3767291.08 53.06002 (10112518)
397438.26 3767291.08 47.14558 (10102207) 397478.26
3767291.08 41.72974 (11122317)
397518.26 3767291.08 37.47111 (10010117) 397558.26
3767291.08 33.56385 (11022306)
397598.26 3767291.08 30.40947 (11021506) 397638.26
3767291.08 27.92868 (15072206)
397678.26 3767291.08 25.64975 (15072206) 397718.26
3767291.08 22.80077 (12030707)
396558.26 3767331.08 16.03054 (10112506) 396598.26
3767331.08 17.45917 (10112506)
396638.26 3767331.08 19.22378 (16011806) 396678.26
3767331.08 21.83952 (12122507)
396718.26 3767331.08 24.60346 (10102706) 396758.26
3767331.08 26.35729 (11111817)
396798.26 3767331.08 27.97912 (10101916) 396838.26
3767331.08 30.90851 (11021706)
396878.26 3767331.08 33.90920 (11011207) 396918.26
3767331.08 34.25517 (11111817)
396958.26 3767331.08 33.89734 (11081506) 396998.26
3767331.08 33.51321 (15022007)
397038.26 3767331.08 40.92183 (12102518) 397078.26
3767331.08 71.38491 (11021407)
397118.26 3767331.08 101.00791 (16120918) 397158.26
3767331.08 109.02496 (11120818)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -
397198.26 3767331.08 104.88374 (12010518) 397238.26
3767331.08 95.21037 (12103018)

397278.26 3767331.08 78.29872 (16111818) 397318.26 3767331.08 55.61186 (12091706)
397358.26 3767331.08 51.53301 (10102018) 397398.26 3767331.08 50.55635 (11112817)
397438.26 3767331.08 45.95656 (11102718) 397478.26 3767331.08 41.36547 (15030618)
397518.26 3767331.08 36.58015 (10112518) 397558.26 3767331.08 32.22083 (11112118)
397598.26 3767331.08 29.48355 (15011517) 397638.26 3767331.08 26.45651 (11110718)
397678.26 3767331.08 23.56521 (10101307) 397718.26 3767331.08 21.05733 (10010117)
396558.26 3767371.08 15.55026 (12112906) 396598.26 3767371.08 16.81840 (12122507)
396638.26 3767371.08 18.65914 (15022007) 396678.26 3767371.08 21.10251 (10020912)
396718.26 3767371.08 23.78835 (11021706) 396758.26 3767371.08 25.16691 (11011207)
396798.26 3767371.08 25.83358 (11081506) 396838.26 3767371.08 26.15022 (11081506)
396878.26 3767371.08 28.17378 (15090206) 396918.26 3767371.08 28.25534 (11030206)
396958.26 3767371.08 28.19354 (10010706) 396998.26 3767371.08 28.37157 (10010706)
397038.26 3767371.08 32.84456 (11071307) 397078.26 3767371.08 49.77067 (11083106)
397118.26 3767371.08 63.28218 (11120718) 397158.26 3767371.08 87.94294 (12101206)
397198.26 3767371.08 75.39944 (11112417) 397238.26 3767371.08 61.95482 (16011818)
397278.26 3767371.08 56.95131 (15100918) 397318.26 3767371.08 51.77119 (16121417)
397358.26 3767371.08 48.14424 (16010818) 397398.26 3767371.08 46.35133 (12091106)
397438.26 3767371.08 42.59209 (11111518) 397478.26 3767371.08 39.10395 (10112518)
397518.26 3767371.08 35.52447 (11101218) 397558.26 3767371.08 32.00843 (11102718)
397598.26 3767371.08 28.89314 (15030618) 397638.26 3767371.08 25.43993 (10102207)
397678.26 3767371.08 22.23219 (12050318) 397718.26 3767371.08 19.25773 (11021506)
396558.26 3767411.08 14.91493 (11111817) 396598.26 3767411.08 16.25138 (11111818)
396638.26 3767411.08 18.01557 (11011207) 396678.26 3767411.08 20.15424 (11081506)
396718.26 3767411.08 21.41271 (11052406) 396758.26 3767411.08 22.58625 (11020307)
396798.26 3767411.08 22.35314 (10040606) 396838.26 3767411.08 23.59353 (11081906)

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       396878.26   3767411.08       24.62975  (10020107)                396918.26
 3767411.08       24.51461  (10020107)
       396958.26   3767411.08       24.37334  (15102807)                396998.26
 3767411.08       24.29072  (11090106)
       397038.26   3767411.08       29.23341  (10100107)                397078.26
 3767411.08       42.17805  (11021407)
       397118.26   3767411.08       49.98147  (16012518)                397158.26
 3767411.08       57.66339  (16012518)
       397198.26   3767411.08       57.28578  (12120706)                397238.26
 3767411.08       54.14498  (10122717)
       397278.26   3767411.08       51.24986  (15010118)                397318.26
 3767411.08       48.35006  (15100918)
       397358.26   3767411.08       44.96947  (16011318)                397398.26
 3767411.08       42.93381  (16111818)
       397438.26   3767411.08       39.90180  (16121318)                397478.26
 3767411.08       36.68744  (12122817)
       397518.26   3767411.08       33.19831  (12110815)                397558.26
 3767411.08       30.76993  (11092006)
       397598.26   3767411.08       27.98518  (12121318)                397638.26
 3767411.08       25.30661  (11101218)
       397678.26   3767411.08       22.32471  (12101116)                397718.26
 3767411.08       19.26079  (16092818)
       396558.26   3767451.08       14.16981  (15022007)                396598.26
 3767451.08       15.03495  (12020317)
       396638.26   3767451.08       16.81321  (10011406)                396678.26
 3767451.08       17.77126  (12022007)
       396718.26   3767451.08       18.80659  (15090206)                396758.26
 3767451.08       20.03763  (11021707)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  61
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396798.26   3767451.08       20.30304  (10020107)               396838.26
 3767451.08       20.70398  (10011810)
       396878.26   3767451.08       21.18290  (10040606)               396918.26
 3767451.08       21.37128  (16030406)
       396958.26   3767451.08       21.81777  (10081206)               396998.26
 3767451.08       21.96687  (10111918)
       397038.26   3767451.08       26.26288  (11092718)               397078.26
 3767451.08       34.44372  (12112118)
       397118.26   3767451.08       41.52035  (15112018)               397158.26
 3767451.08       48.05920  (12120718)
       397198.26   3767451.08       47.83161  (12121018)               397238.26
 3767451.08       49.11434  (12122118)
       397278.26   3767451.08       46.41810  (10122717)               397318.26
 3767451.08       44.52615  (12103018)
       397358.26   3767451.08       42.22456  (15100918)               397398.26
 3767451.08       39.58844  (16011318)
       397438.26   3767451.08       37.22055  (16121318)               397478.26
 3767451.08       34.67372  (16010818)
       397518.26   3767451.08       31.57847  (11032506)               397558.26
 3767451.08       29.28428  (12122817)
       397598.26   3767451.08       26.52921  (10102018)               397638.26
 3767451.08       24.01651  (10040906)
       397678.26   3767451.08       21.52561  (10112518)               397718.26
 3767451.08       19.20842  (11072906)
       396558.26   3767491.08       13.08401  (11020307)               396598.26
 3767491.08       14.09662  (10090810)
       396638.26   3767491.08       15.04467  (16020818)               396678.26
 3767491.08       16.08875  (16020818)
       396718.26   3767491.08       17.07866  (15051307)               396758.26
 3767491.08       18.01879  (10100516)
       396798.26   3767491.08       17.93410  (11021816)               396838.26
 3767491.08       19.27909  (10030812)
       396878.26   3767491.08       20.08096  (10100516)               396918.26
 3767491.08       20.07726  (12041307)
       396958.26   3767491.08       19.66766  (16030706)               396998.26
 3767491.08       20.05924  (12031615)
       397038.26   3767491.08       23.63168  (11092718)               397078.26
 3767491.08       29.17897  (16102406)
       397118.26   3767491.08       35.30301  (10110506)               397158.26
 3767491.08       40.63374  (15120118)
       397198.26   3767491.08       42.79296  (10102206)               397238.26
 3767491.08       44.04505  (12120706)
       397278.26   3767491.08       43.13487  (16122818)               397318.26
 3767491.08       40.77296  (11080306)
       397358.26   3767491.08       39.19986  (15010118)               397398.26
 3767491.08       36.82186  (15120918)
       397438.26   3767491.08       33.95214  (16011318)               397478.26
 3767491.08       32.16958  (16121417)
       397518.26   3767491.08       29.89452  (15012318)               397558.26
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3767491.08 27.50518 (16121318)
397598.26 3767491.08 24.84221 (11111518) 397638.26
3767491.08 22.79733 (12110815)
397678.26 3767491.08 20.60683 (11032506) 397718.26
3767491.08 18.34340 (11092006)
396558.26 3767531.08 11.99918 (12080306) 396598.26
3767531.08 12.93728 (16020818)
396638.26 3767531.08 14.28489 (12121218) 396678.26
3767531.08 15.22395 (10101907)
396718.26 3767531.08 15.66969 (10100511) 396758.26
3767531.08 16.51492 (10021017)
396798.26 3767531.08 17.29268 (10030812) 396838.26
3767531.08 18.53901 (10021017)
396878.26 3767531.08 18.87397 (10020913) 396918.26
3767531.08 18.95714 (11060807)
396958.26 3767531.08 18.86319 (10061518) 396998.26
3767531.08 19.83678 (10030817)
397038.26 3767531.08 22.51089 (10111016) 397078.26
3767531.08 26.08980 (10111016)
397118.26 3767531.08 31.86197 (12112118) 397158.26
3767531.08 35.47005 (15042106)
397198.26 3767531.08 39.37497 (10122806) 397238.26
3767531.08 38.60454 (16102618)
397278.26 3767531.08 39.94196 (16101918) 397318.26
3767531.08 37.70696 (15121518)
397358.26 3767531.08 35.49808 (16081206) 397398.26
3767531.08 34.23696 (16122918)
397438.26 3767531.08 32.23246 (11030207) 397478.26
3767531.08 29.71260 (12101618)
397518.26 3767531.08 27.96734 (12081406) 397558.26
3767531.08 25.97035 (16010818)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	23.56606	(16010818)	397638.26	3767531.08	21.10652	(16112817)
397678.26	3767531.08	19.40772	(11111518)	397718.26	3767531.08	17.69260	(12122817)
397320.82	3767219.11	110.56626	(12110707)	397330.82	3767209.11	111.95253	(16020418)
397340.82	3767189.11	127.83051	(11032206)	397340.82	3767199.11	123.22794	(16020418)
397340.82	3767209.11	114.06705	(12110707)	397350.82	3767189.11	127.37740	(12091206)
397350.82	3767199.11	120.43020	(15030518)	397360.82	3767189.11	109.62399	(15122507)
397360.82	3767199.11	102.75303	(15030518)	397370.82	3767189.11	76.58439	(16022418)
397380.82	3767189.11	68.69428	(15101918)	396920.42	3767167.32	48.80381	(12080906)
396989.95	3767243.54	74.22422	(10111006)	397044.10	3767223.97	67.44331	(15022007)
397113.57	3767239.93	86.25416	(12061811)	397158.63	3767280.29	68.50015	(12011118)
397168.95	3767307.05	64.97696	(12120618)	397244.05	3767296.72	79.13250	(16101018)
397260.95	3767278.88	74.24279	(15110418)	397409.74	3767205.66	58.74237	(12020706)
397422.89	3767189.23	58.55466	(15101918)	397426.64	3767180.78	59.88274	(15101918)
397420.54	3767170.46	62.68491	(15101918)	397318.68	3767160.13	86.59225	(12091206)
397022.98	3767083.62	127.87093	(12013107)	396943.60	3767192.73	55.99307	(11011007)
396966.77	3767218.13	63.54987	(11121207)	397017.03	3767233.75	73.47504	(10111006)
397078.83	3767231.95	65.53065	(10111709)	397136.10	3767260.11	73.55205	(15081308)
397206.50	3767301.88	63.98954	(15020418)	397298.15	3767260.58	87.19865	(10012908)
397335.34	3767242.27	82.05964	(16112917)	397372.54	3767223.96	64.09053	(11102107)
397386.59	3767167.02	69.96081	(15101918)	397352.63	3767163.57	102.76637	(11102517)
397276.44	3767149.20	89.81354	(10011407)	397234.19	3767138.27	86.36243	(10040206)
397191.95	3767127.34	92.32356	(10012706)	397149.71	3767116.41	119.29220	(10030507)
397107.47	3767105.48	121.40158	(16111107)	397065.22	3767094.55	100.43550	(16091506)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	6.05427	(15062706)	396598.26	3766771.08	6.59205	(15062706)
396638.26	3766771.08	7.23961	(15062706)	396678.26	3766771.08	7.88501	(15062706)
396718.26	3766771.08	8.56729	(15062706)	396758.26	3766771.08	9.26817	(15100307)
396798.26	3766771.08	9.92724	(16062106)	396838.26	3766771.08	10.69015	(16062106)
396878.26	3766771.08	11.45470	(16062106)	396918.26	3766771.08	12.20480	(16062106)
396958.26	3766771.08	12.87177	(16062406)	396998.26	3766771.08	13.44619	(16062406)
397038.26	3766771.08	13.87970	(16062406)	397078.26	3766771.08	14.14358	(16062406)
397118.26	3766771.08	14.20588	(16062406)	397158.26	3766771.08	14.06081	(16062406)
397198.26	3766771.08	13.78556	(16062406)	397238.26	3766771.08	13.38432	(16062406)
397278.26	3766771.08	12.86862	(16062406)	397318.26			

3766771.08 12.26200 (16062406)
397358.26 3766771.08 11.58736 (16062406) 397398.26
3766771.08 10.88463 (16062406)
397438.26 3766771.08 10.16630 (16062406) 397478.26
3766771.08 9.46054 (16062406)
397518.26 3766771.08 8.78018 (16062406) 397558.26
3766771.08 8.13453 (16062406)
397598.26 3766771.08 7.54253 (16062106) 397638.26
3766771.08 6.98286 (16062106)
397678.26 3766771.08 6.46782 (16062106) 397718.26
3766771.08 6.01962 (15100307)
396558.26 3766811.08 6.40958 (15062706) 396598.26
3766811.08 6.99030 (15062706)
396638.26 3766811.08 7.74333 (15100307) 396678.26
3766811.08 8.52674 (15062706)
396718.26 3766811.08 9.32301 (15062306) 396758.26
3766811.08 10.14145 (15062706)
396798.26 3766811.08 11.07109 (15100307) 396838.26
3766811.08 12.01313 (16062106)
396878.26 3766811.08 13.01813 (16062106) 396918.26
3766811.08 14.02186 (16062106)
396958.26 3766811.08 14.93367 (16062406) 396998.26
3766811.08 15.73073 (16062406)
397038.26 3766811.08 16.32931 (16062406) 397078.26
3766811.08 16.69037 (16062406)
397118.26 3766811.08 16.82552 (16062406) 397158.26
3766811.08 16.67867 (16062406)
397198.26 3766811.08 16.25447 (16062406) 397238.26
3766811.08 15.63123 (16062406)
397278.26 3766811.08 14.88396 (16062406) 397318.26
3766811.08 14.05921 (16062406)
397358.26 3766811.08 13.17419 (16062406) 397398.26
3766811.08 12.25798 (16062406)
397438.26 3766811.08 11.34217 (16062406) 397478.26
3766811.08 10.45846 (16062406)
397518.26 3766811.08 9.61976 (16062406) 397558.26
3766811.08 8.85277 (16062106)
397598.26 3766811.08 8.13353 (16062106) 397638.26
3766811.08 7.47798 (16062106)
397678.26 3766811.08 6.91178 (15100307) 397718.26
3766811.08 6.37258 (15100307)
396558.26 3766851.08 6.79140 (15062706) 396598.26
3766851.08 7.42131 (15062706)
396638.26 3766851.08 8.20083 (15062706) 396678.26
3766851.08 9.12214 (15062706)
396718.26 3766851.08 10.09596 (15062706) 396758.26
3766851.08 11.14725 (15062306)
396798.26 3766851.08 12.32881 (15100307) 396838.26
3766851.08 13.61558 (15100307)
396878.26 3766851.08 14.93068 (16062106) 396918.26

 3766851.08   16.27592 (16062106)
       396958.26   3766851.08   17.57754 (16062106)   396998.26
 3766851.08   18.67746 (16062406)
       397038.26   3766851.08   19.52574 (16062406)   397078.26
 3766851.08   20.07201 (16062406)
       397118.26   3766851.08   20.26423 (16062406)   397158.26
 3766851.08   20.05081 (16062406)
       397198.26   3766851.08   19.46235 (16062406)   397238.26
 3766851.08   18.61285 (16062406)
       397278.26   3766851.08   17.53908 (16062406)   397318.26
 3766851.08   16.31229 (16062406)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        397358.26   3766851.08   15.09963 (16062406)   397398.26
 3766851.08   13.88825 (16062406)
       397438.26   3766851.08   12.71073 (16062406)   397478.26
 3766851.08   11.59243 (16062406)
       397518.26   3766851.08   10.55452 (16062406)   397558.26
 3766851.08   9.62294 (16062106)
       397598.26   3766851.08   8.80145 (15100307)   397638.26
 3766851.08   8.03168 (15100307)
       397678.26   3766851.08   7.34443 (15100307)   397718.26
 3766851.08   6.73201 (15100307)

396558.26 3766891.08 7.16854 (15062706) 396598.26
3766891.08 7.87445 (15062706)
396638.26 3766891.08 8.75214 (15062706) 396678.26
3766891.08 9.81933 (15062706)
396718.26 3766891.08 10.97582 (15062706) 396758.26
3766891.08 12.28972 (15062706)
396798.26 3766891.08 13.78386 (15062306) 396838.26
3766891.08 15.45614 (15100307)
396878.26 3766891.08 17.31082 (15100307) 396918.26
3766891.08 19.10513 (16062106)
396958.26 3766891.08 20.97326 (16062106) 396998.26
3766891.08 22.58492 (16062406)
397038.26 3766891.08 23.85609 (16062406) 397078.26
3766891.08 24.73315 (16062406)
397118.26 3766891.08 24.95342 (16062406) 397158.26
3766891.08 24.51860 (16062406)
397198.26 3766891.08 23.72596 (16062406) 397238.26
3766891.08 22.46484 (16062406)
397278.26 3766891.08 20.95489 (16062406) 397318.26
3766891.08 19.29401 (16062406)
397358.26 3766891.08 17.53967 (16062406) 397398.26
3766891.08 15.84631 (16062406)
397438.26 3766891.08 14.29759 (16062406) 397478.26
3766891.08 12.87463 (16062406)
397518.26 3766891.08 11.60941 (16062106) 397558.26
3766891.08 10.49646 (15100307)
397598.26 3766891.08 9.47449 (15100307) 397638.26
3766891.08 8.57578 (15100307)
397678.26 3766891.08 7.78664 (15100307) 397718.26
3766891.08 7.09461 (15100307)
396558.26 3766931.08 7.55359 (15062706) 396598.26
3766931.08 8.35536 (15062706)
396638.26 3766931.08 9.37026 (15062706) 396678.26
3766931.08 10.52560 (15062706)
396718.26 3766931.08 11.93408 (15062706) 396758.26
3766931.08 13.55622 (15062706)
396798.26 3766931.08 15.45620 (15062306) 396838.26
3766931.08 17.64646 (15062306)
396878.26 3766931.08 20.13110 (15100307) 396918.26
3766931.08 22.82868 (10020516)
396958.26 3766931.08 25.53261 (16062106) 396998.26
3766931.08 28.03591 (16062406)
397038.26 3766931.08 30.10547 (16062406) 397078.26
3766931.08 31.35343 (16062406)
397118.26 3766931.08 31.62365 (16062406) 397158.26
3766931.08 30.93832 (16062406)
397198.26 3766931.08 29.57342 (16062406) 397238.26
3766931.08 27.66667 (16062406)
397278.26 3766931.08 25.39519 (16062406) 397318.26
3766931.08 23.01823 (16062406)

```
       397358.26   3766931.08       20.67414  (16062406)               397398.26
 3766931.08       18.33019  (16062406)
       397438.26   3766931.08       16.18593  (16062406)               397478.26
 3766931.08       14.35862  (16062106)
       397518.26   3766931.08       12.80190  (15100307)               397558.26
 3766931.08       11.38952  (15100307)
       397598.26   3766931.08       10.17494  (15100307)               397638.26
 3766931.08        9.13010  (15100307)
       397678.26   3766931.08        8.22915  (15100307)               397718.26
 3766931.08        7.43639  (11102516)
       396558.26   3766971.08        7.91872  (15062706)               396598.26
 3766971.08        8.82030  (15062706)
       396638.26   3766971.08        9.93283  (15062706)               396678.26
 3766971.08       11.26252  (15062706)
       396718.26   3766971.08       12.90050  (15062706)               396758.26
 3766971.08       14.89181  (15062706)
       396798.26   3766971.08       17.30857  (15062706)               396838.26
 3766971.08       20.25530  (15062706)
       396878.26   3766971.08       23.70703  (15062706)               396918.26
 3766971.08       27.70361  (15100307)
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  65
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396958.26   3766971.08       31.95592  (16062106)               396998.26
```

3766971.08 36.17344 (16062406)
397038.26 3766971.08 39.55646 (16062406) 397078.26
3766971.08 41.35515 (16062406)
397118.26 3766971.08 41.51030 (16062406) 397158.26
3766971.08 40.18902 (16062406)
397198.26 3766971.08 37.84206 (16062406) 397238.26
3766971.08 34.82601 (16062406)
397278.26 3766971.08 31.40961 (16062406) 397318.26
3766971.08 27.91212 (16062406)
397358.26 3766971.08 24.42735 (16062406) 397398.26
3766971.08 21.26704 (16062406)
397438.26 3766971.08 18.47180 (16062106) 397478.26
3766971.08 16.08017 (15100307)
397518.26 3766971.08 14.03636 (15100307) 397558.26
3766971.08 12.32150 (15100307)
397598.26 3766971.08 10.88720 (15062706) 397638.26
3766971.08 9.67963 (15100307)
397678.26 3766971.08 8.65759 (15100307) 397718.26
3766971.08 7.79843 (15100307)
396558.26 3767011.08 8.25763 (15100307) 396598.26
3767011.08 9.23434 (15100307)
396638.26 3767011.08 10.47076 (15100307) 396678.26
3767011.08 11.99563 (15062706)
396718.26 3767011.08 13.87812 (15062706) 396758.26
3767011.08 16.27079 (15062706)
396798.26 3767011.08 19.31469 (15062706) 396838.26
3767011.08 23.23764 (15062706)
396878.26 3767011.08 28.20355 (15062706) 396918.26
3767011.08 34.42093 (15062706)
396958.26 3767011.08 41.62652 (15100307) 396998.26
3767011.08 49.20230 (16062406)
397038.26 3767011.08 55.18757 (16062406) 397078.26
3767011.08 57.83576 (16062406)
397118.26 3767011.08 57.31524 (16062406) 397158.26
3767011.08 54.45488 (16062406)
397198.26 3767011.08 50.25057 (16062406) 397238.26
3767011.08 45.24038 (16062406)
397278.26 3767011.08 39.88947 (16062406) 397318.26
3767011.08 34.48137 (16062406)
397358.26 3767011.08 29.23400 (16062406) 397398.26
3767011.08 28.31667 (12111023)
397438.26 3767011.08 21.05790 (15100307) 397478.26
3767011.08 17.88596 (15100307)
397518.26 3767011.08 15.32382 (15062706) 397558.26
3767011.08 13.26384 (15100307)
397598.26 3767011.08 11.58528 (15100307) 397638.26
3767011.08 10.20800 (15100307)
397678.26 3767011.08 9.06312 (15100307) 397718.26
3767011.08 8.08371 (16062106)
396558.26 3767051.08 8.51417 (16062106) 396598.26

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 3767051.08        9.62683  (15100307)
       396638.26   3767051.08       10.94194  (15062706)                396678.26
 3767051.08       12.64873  (15100307)
       396718.26   3767051.08       14.80819  (15062706)                396758.26
 3767051.08       17.68458  (16012717)
       396798.26   3767051.08       21.39714  (12031208)                396838.26
 3767051.08       26.49623  (15062306)
       396878.26   3767051.08       33.71029  (15062706)                396918.26
 3767051.08       43.91934  (15062706)
       396958.26   3767051.08       57.57706  (15100307)                396998.26
 3767051.08       73.88527  (16062106)
       397038.26   3767051.08       86.45939  (16062406)                397078.26
 3767051.08       89.20690  (16062406)
       397118.26   3767051.08       85.46585  (16062406)                397158.26
 3767051.08       78.56492  (16062406)
       397198.26   3767051.08       70.36528  (16062406)                397238.26
 3767051.08       61.54193  (16062406)
       397278.26   3767051.08       52.67140  (16062406)                397318.26
 3767051.08       43.84570  (16062406)
       397358.26   3767051.08       35.71944  (16062406)                397398.26
 3767051.08       32.57982  (12071304)
       397438.26   3767051.08       24.83661  (12022507)                397478.26
 3767051.08       19.76971  (15062706)
       397518.26   3767051.08       16.63670  (15100307)                397558.26
 3767051.08       14.19156  (15100307)
       397598.26   3767051.08       12.24867  (15100307)                397638.26
 3767051.08       10.65092  (16062106)
       397678.26   3767051.08        9.39311  (16062106)                397718.26
 3767051.08        8.36057  (16062106)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  66
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	8.75874	(16062106)	396598.26	3767091.08	9.93050	(16062106)
396638.26	3767091.08	11.31551	(16062106)	396678.26	3767091.08	13.10586	(16062106)
396718.26	3767091.08	15.56173	(15100307)	396758.26	3767091.08	18.77161	(15062706)
396798.26	3767091.08	23.29285	(12122516)	396838.26	3767091.08	29.85297	(16012717)
396878.26	3767091.08	39.81486	(15062306)	396918.26	3767091.08	56.60298	(15062706)
396958.26	3767091.08	85.56737	(15100307)	396998.26	3767091.08	140.67206	(16062406)
397078.26	3767091.08	168.65657	(16062406)	397118.26	3767091.08	147.31255	(16062406)
397158.26	3767091.08	126.61983	(16062406)	397198.26	3767091.08	107.69120	(16062406)
397238.26	3767091.08	90.44659	(16062406)	397278.26	3767091.08	74.44836	(16062406)
397318.26	3767091.08	58.63502	(16062406)	397358.26	3767091.08	44.66539	(16062106)
397398.26	3767091.08	35.41558	(10031605)	397438.26	3767091.08	30.71624	(10031605)
397478.26	3767091.08	27.73873	(10110504)	397518.26	3767091.08	22.90523	(10010506)
397558.26	3767091.08	20.56099	(11012303)	397598.26	3767091.08	13.15498	(11110924)
397638.26	3767091.08	11.10871	(15100307)	397678.26	3767091.08	9.73762	(15100307)
397718.26	3767091.08	8.62251	(15100307)	396558.26	3767131.08	8.97150	(15100307)
396598.26	3767131.08	10.19434	(15100307)	396638.26	3767131.08	11.69461	(15100307)
396678.26	3767131.08	13.52673	(15062706)	396718.26	3767131.08	16.04084	(15062706)
396758.26	3767131.08	19.55305	(15100307)	396798.26	3767131.08	24.56391	(15100307)
396838.26	3767131.08	32.23369	(15062706)	396878.26	3767131.08	45.46467	(15062306)
396918.26	3767131.08	72.49382	(15062306)	396958.26	3767131.08	147.62396	(16062406)
397238.26	3767131.08	159.66480	(16062406)	397278.26	3767131.08	124.20295	(16062406)

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       397318.26   3767131.08       88.89071  (16062106)                397358.26
 3767131.08       57.40262  (15062306)
       397398.26   3767131.08       40.26396  (15121418)                397438.26
 3767131.08       34.25698  (10011305)
       397478.26   3767131.08       33.64462  (15121202)                397518.26
 3767131.08       27.76825  (12010123)
       397558.26   3767131.08       23.45713  (10042920)                397598.26
 3767131.08       17.96353  (10110504)
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 3767131.08        9.95930  (15062706)
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 3767171.08        9.07120  (15062706)
       396598.26   3767171.08       10.31070  (15062706)                396638.26
 3767171.08       11.86204  (15062706)
       396678.26   3767171.08       13.76835  (15062706)                396718.26
 3767171.08       16.24884  (15062706)
       396758.26   3767171.08       19.80591  (15062706)                396798.26
 3767171.08       25.07464  (15062706)
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 3767171.08       47.91728  (15100307)
       396918.26   3767171.08       82.62027  (15100307)                397438.26
 3767171.08       38.11673  (15111603)
       397478.26   3767171.08       32.05070  (15111602)                397518.26
 3767171.08       24.31567  (16020101)
       397558.26   3767171.08       18.83979  (15111603)                397598.26
 3767171.08       14.04811  (10102722)
       397638.26   3767171.08       11.58255  (16100107)                397678.26
 3767171.08       10.08613  (16100107)
       397718.26   3767171.08        8.88369  (16100107)                396558.26
 3767211.08        9.06093  (15062706)
       396598.26   3767211.08       10.30160  (15062706)                396638.26
 3767211.08       11.83890  (15062706)
       396678.26   3767211.08       13.79778  (15062306)                396718.26
 3767211.08       16.20405  (15062306)
       396758.26   3767211.08       19.56452  (15062706)                396798.26
 3767211.08       24.53895  (15062706)
       396838.26   3767211.08       32.26591  (15062706)                396878.26
 3767211.08       44.97772  (15062706)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  67
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396918.26   3767211.08       69.32518  (15062706)               396958.26
 3767211.08      121.44732  (15100307)
        397438.26   3767211.08       53.59862  (12091702)               397478.26
 3767211.08       42.52226  (10093021)
        397518.26   3767211.08       30.21232  (12101919)               397558.26
 3767211.08       21.55865  (15031519)
        397598.26   3767211.08       15.77489  (15111520)               397638.26
 3767211.08       13.29118  (15111520)
        397678.26   3767211.08       11.91897  (15111520)               397718.26
 3767211.08        9.98501  (12012718)
        396558.26   3767251.08        8.97614  (15062706)               396598.26
 3767251.08       10.18206  (15062706)
        396638.26   3767251.08       11.67568  (15062706)               396678.26
 3767251.08       13.56130  (15062706)
        396718.26   3767251.08       15.91662  (15062706)               396758.26
 3767251.08       18.91358  (15062306)
        396798.26   3767251.08       23.29554  (16100107)               396838.26
 3767251.08       29.70374  (15062706)
        396878.26   3767251.08       39.62950  (15062706)               396918.26
 3767251.08       54.29296  (15100307)
        396958.26   3767251.08       75.11729  (15062306)               396998.26
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        397038.26   3767251.08      126.66984  (15062306)               397078.26
 3767251.08      167.30558  (16062106)
        397118.26   3767251.08      257.14782  (10071306)               397318.26
 3767251.08       92.22383  (15101407)
        397358.26   3767251.08       75.88223  (16102420)               397398.26
 3767251.08       71.96933  (12060622)
        397438.26   3767251.08       64.51078  (16060702)               397478.26
 3767251.08       53.28571  (11071223)
        397518.26   3767251.08       40.19759  (15060103)               397558.26
 3767251.08       31.59351  (16081922)
        397598.26   3767251.08       24.91375  (11072901)               397638.26
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       397678.26   3767251.08       14.56743  (15111522)               397718.26
 3767251.08       12.12199  (12042224)
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       396638.26   3767291.08       18.28924  (10022701)               396678.26
 3767291.08       14.80632  (10110507)
       396718.26   3767291.08       15.31351  (15062306)               396758.26
 3767291.08       17.94927  (15062706)
       396798.26   3767291.08       21.62243  (15062706)               396838.26
 3767291.08       26.76875  (15062706)
       396878.26   3767291.08       34.04746  (15062706)               396918.26
 3767291.08       48.40235  (11071102)
       396958.26   3767291.08       57.34977  (15090201)               396998.26
 3767291.08       64.78808  (15100820)
       397038.26   3767291.08       68.30427  (15090404)               397078.26
 3767291.08       75.14587  (15062706)
       397118.26   3767291.08      111.25643  (11112015)               397158.26
 3767291.08      201.54360  (16062106)
       397278.26   3767291.08       98.98124  (16012717)               397318.26
 3767291.08       79.06627  (11070702)
       397358.26   3767291.08       75.56335  (12092403)               397398.26
 3767291.08       69.83700  (15011518)
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 3767291.08       58.12994  (11071503)
       397518.26   3767291.08       52.24357  (12061701)               397558.26
 3767291.08       47.95249  (12102221)
       397598.26   3767291.08       43.17118  (12100724)               397638.26
 3767291.08       30.49835  (16061322)
       397678.26   3767291.08       18.49993  (16102818)               397718.26
 3767291.08       14.48352  (11062103)
       396558.26   3767331.08       29.54344  (10081524)               396598.26
 3767331.08       29.45999  (16011806)
       396638.26   3767331.08       29.33473  (15112623)               396678.26
 3767331.08       20.87045  (11042124)
       396718.26   3767331.08       14.71153  (10031524)               396758.26
 3767331.08       16.78754  (15062706)
       396798.26   3767331.08       19.78423  (15062706)               396838.26
 3767331.08       23.81132  (15100307)
       396878.26   3767331.08       29.05719  (10102423)               396918.26
 3767331.08       43.17207  (12111621)
       396958.26   3767331.08       51.94578  (16092206)               396998.26
 3767331.08       55.06246  (11082103)
       397038.26   3767331.08       59.42217  (15080704)               397078.26
 3767331.08       62.00428  (12100623)
       397118.26   3767331.08       67.93576  (12110419)               397158.26
 3767331.08       94.47326  (12112916)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	93.09854	(12120216)	397238.26	3767331.08	87.47098	(10032918)
397278.26	3767331.08	78.17687	(12081222)	397318.26	3767331.08	73.05561	(15073001)
397358.26	3767331.08	70.08599	(15071704)	397398.26	3767331.08	64.38068	(12091301)
397438.26	3767331.08	59.44817	(15012921)	397478.26	3767331.08	55.32305	(15070602)
397518.26	3767331.08	51.31508	(15082004)	397558.26	3767331.08	47.60069	(16071524)
397598.26	3767331.08	44.46115	(12060622)	397638.26	3767331.08	40.18378	(11072301)
397678.26	3767331.08	27.49784	(15060101)	397718.26	3767331.08	17.88919	(15070522)
396558.26	3767371.08	29.12255	(15060201)	396598.26	3767371.08	27.14883	(11122319)
396638.26	3767371.08	25.24897	(11102105)	396678.26	3767371.08	17.09397	(12062203)
396718.26	3767371.08	13.48382	(15062706)	396758.26	3767371.08	15.50675	(15100307)
396798.26	3767371.08	17.94344	(15100307)	396838.26	3767371.08	21.03040	(15100307)
396878.26	3767371.08	24.91337	(15062706)	396918.26	3767371.08	36.27414	(10082805)

396958.26 3767371.08 45.66989 (15061205) 396998.26 3767371.08 49.04373 (10110521)
397038.26 3767371.08 52.99336 (10092824) 397078.26 3767371.08 53.83997 (15062801)
397118.26 3767371.08 57.85381 (16102219) 397158.26 3767371.08 62.35284 (15090923)
397198.26 3767371.08 68.32209 (16072224) 397238.26 3767371.08 68.16182 (16092419)
397278.26 3767371.08 66.69489 (12081803) 397318.26 3767371.08 66.73989 (12080901)
397358.26 3767371.08 63.68657 (16072602) 397398.26 3767371.08 59.17905 (12083102)
397438.26 3767371.08 55.15334 (12090503) 397478.26 3767371.08 51.93095 (12091301)
397518.26 3767371.08 48.83042 (15070502) 397558.26 3767371.08 45.94233 (11081422)
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397678.26 3767371.08 36.72336 (12100202) 397718.26 3767371.08 25.93106 (16070424)
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396638.26 3767411.08 18.19831 (11091524) 396678.26 3767411.08 12.65805 (12020222)
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396798.26 3767411.08 16.18220 (15100307) 396838.26 3767411.08 18.58446 (15100307)
396878.26 3767411.08 21.43312 (15062306) 396918.26 3767411.08 29.52281 (10072224)
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397038.26 3767411.08 47.13630 (16022421) 397078.26 3767411.08 47.71823 (15091622)
397118.26 3767411.08 50.17782 (15080223) 397158.26 3767411.08 54.34358 (10110418)
397198.26 3767411.08 58.69721 (11101219) 397238.26 3767411.08 58.84246 (12090524)
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397678.26 3767411.08 37.11934 (12081201) 397718.26 3767411.08 33.28798 (12071102)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       396798.26   3767451.08   14.49888 (16062106)   396838.26
 3767451.08   16.44508 (15062706)
       396878.26   3767451.08   18.63577 (16012717)   396918.26
 3767451.08   25.87594 (10110223)
       396958.26   3767451.08   36.51931 (11091506)   396998.26
 3767451.08   41.12841 (15082106)
       397038.26   3767451.08   44.47935 (15093024)   397078.26
 3767451.08   44.69787 (10081902)
       397118.26   3767451.08   45.90736 (15082203)   397158.26
 3767451.08   48.99370 (15093021)
       397198.26   3767451.08   52.10191 (15091023)   397238.26
 3767451.08   52.82486 (10082320)
       397278.26   3767451.08   51.20950 (11070504)   397318.26
 3767451.08   51.72964 (12102519)
       397358.26   3767451.08   51.87606 (12082801)   397398.26

3767451.08 50.08312 (16091723)
397438.26 3767451.08 47.66597 (15101402) 397478.26
3767451.08 45.59684 (11080103)
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3767451.08 41.36632 (12122218)
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3767451.08 37.82760 (12090503)
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3767451.08 33.74646 (15011518)
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3767491.08 23.06482 (12051004)
396718.26 3767491.08 19.50145 (12111702) 396758.26
3767491.08 11.75839 (16062106)
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3767491.08 42.16888 (15080223)
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3767491.08 45.03200 (15092624)
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3767491.08 47.83062 (11070704)
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3767491.08 46.53004 (16072704)
397438.26 3767491.08 44.87350 (16091723) 397478.26
3767491.08 42.76427 (16071601)
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396878.26 3767531.08 14.22508 (16012717) 396918.26
3767531.08 17.68147 (15100322)
396958.26 3767531.08 24.91141 (10072123) 396998.26

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 3767531.08       41.81017  (15092624)
       397198.26   3767531.08       43.32065  (15102720)                397238.26
 3767531.08       43.89565  (15080501)
       397278.26   3767531.08       43.30592  (15112217)                397318.26
 3767531.08       42.13265  (11082703)
       397358.26   3767531.08       41.43685  (11080124)                397398.26
 3767531.08       43.05229  (10121117)
       397438.26   3767531.08       41.54544  (16070402)                397478.26
 3767531.08       40.16752  (16081501)
       397518.26   3767531.08       38.71429  (15071702)                397558.26
 3767531.08       37.43185  (12090103)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  70
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397598.26   3767531.08       36.25082  (15070605)                397638.26
 3767531.08       34.85683  (12091224)
       397678.26   3767531.08       33.13639  (10090403)                397718.26
 3767531.08       31.70927  (11110324)
       397320.82   3767219.11      120.82313  (16100107)                397330.82
 3767209.11      108.86374  (15062306)
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       397340.82   3767189.11      100.15285  (15062306)                397340.82
 3767199.11       95.78218  (15062306)
       397340.82   3767209.11       91.61761  (15101407)                397350.82
 3767189.11       82.35969  (16012717)
       397350.82   3767199.11       82.74340  (12102717)                397360.82
 3767189.11       69.82533  (16012717)
       397360.82   3767199.11       71.71714  (12102717)                397370.82
 3767189.11       60.93048  (15101407)
       397380.82   3767189.11       53.84754  (15101407)                396920.42
 3767167.32       86.28946  (15100307)
       396989.95   3767243.54      109.38187  (15100307)                397044.10
 3767223.97      254.78332  (10071306)
       397113.57   3767239.93      270.77955  (10071306)                397158.63
 3767280.29      228.00705  (16062106)
       397168.95   3767307.05      149.53920  (15101407)                397244.05
 3767296.72      146.26644  (15062306)
       397260.95   3767278.88      158.14343  (15062306)                397409.74
 3767205.66       52.15821  (12081306)
       397422.89   3767189.23       43.34447  (10093021)                397426.64
 3767180.78       41.31667  (15111602)
       397420.54   3767170.46       39.28691  (15111602)                397318.68
 3767160.13      147.25271  (16062106)
       397022.98   3767083.62      148.55570  (16062406)                396943.60
 3767192.73      118.03637  (15100307)
       396966.77   3767218.13      125.25753  (15100307)                397017.03
 3767233.75      188.28217  (15100307)
       397078.83   3767231.95      264.04691  (10071306)                397136.10
 3767260.11      250.56273  (16062106)
       397206.50   3767301.88      161.04032  (15062306)                397298.15
 3767260.58      110.23618  (15062706)
       397335.34   3767242.27       80.40041  (12012517)                397372.54
 3767223.96       62.88807  (16102818)
       397386.59   3767167.02       48.78750  (16112016)                397352.63
 3767163.57       75.82837  (15062306)
       397276.44   3767149.20      187.31591  (10071306)                397234.19
 3767138.27      190.08040  (10071306)
       397191.95   3767127.34      199.55956  (16062406)                397149.71
 3767116.41      207.33889  (10071306)
       397107.47   3767105.48      204.93298  (16062406)                397065.22
 3767094.55      188.58273  (16062406)
       396988.79   3767111.52      160.39473  (16062406)                396954.61
 3767139.42      158.96880  (16062406)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  71
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	15.66340	(15100706)	396598.26	3766771.08	17.79163	(11123007)
396638.26	3766771.08	21.16991	(11121507)	396678.26	3766771.08	25.52051	(12021618)
396718.26	3766771.08	29.86282	(16010806)	396758.26	3766771.08	32.15596	(16112307)
396798.26	3766771.08	33.38477	(16042006)	396838.26	3766771.08	36.61183	(16040106)
396878.26	3766771.08	39.12060	(12013107)	396918.26	3766771.08	40.99703	(16122306)
396958.26	3766771.08	45.08094	(12111407)	396998.26	3766771.08	45.07813	(16120607)
397038.26	3766771.08	43.61051	(10120307)	397078.26	3766771.08	41.84384	(16122908)
397118.26	3766771.08	39.31375	(16120607)	397158.26	3766771.08	37.23256	(16111107)
397198.26	3766771.08	33.64993	(16122108)	397238.26	3766771.08	32.93267	(16122907)
397278.26	3766771.08	34.80881	(10120708)	397318.26	3766771.08	37.83114	(10112308)
397358.26	3766771.08	38.76753	(10041306)	397398.26	3766771.08	35.83166	(12122608)
397438.26	3766771.08	33.91018	(10112607)	397478.26	3766771.08	34.92459	(10111106)
397518.26	3766771.08	33.92017	(10012706)	397558.26	3766771.08	30.84943	(11011017)
397598.26	3766771.08	29.89479	(10011108)	397638.26	3766771.08	27.11984	(12020606)
397678.26	3766771.08	25.17076	(16091906)	397718.26			

3766771.08 23.11797 (12101115)
396558.26 3766811.08 16.41828 (10042106) 396598.26
3766811.08 18.97775 (10042106)
396638.26 3766811.08 22.71240 (16022607) 396678.26
3766811.08 26.47898 (15021007)
396718.26 3766811.08 30.49783 (12021618) 396758.26
3766811.08 33.56041 (16010806)
396798.26 3766811.08 36.28212 (16022206) 396838.26
3766811.08 39.12357 (15102806)
396878.26 3766811.08 43.00347 (12020207) 396918.26
3766811.08 45.29143 (16120807)
396958.26 3766811.08 49.16694 (16121606) 396998.26
3766811.08 50.52822 (16011808)
397038.26 3766811.08 49.29774 (12031906) 397078.26
3766811.08 46.93346 (15031106)
397118.26 3766811.08 45.33490 (16120607) 397158.26
3766811.08 41.63508 (16111107)
397198.26 3766811.08 40.22798 (10010407) 397238.26
3766811.08 37.80914 (10112308)
397278.26 3766811.08 41.13926 (10120107) 397318.26
3766811.08 42.69628 (12072506)
397358.26 3766811.08 41.84799 (12072506) 397398.26
3766811.08 38.81487 (10112607)
397438.26 3766811.08 40.93262 (12101207) 397478.26
3766811.08 40.23755 (10050306)
397518.26 3766811.08 36.33605 (12122008) 397558.26
3766811.08 35.40315 (10021807)
397598.26 3766811.08 31.89247 (10080606) 397638.26
3766811.08 30.60073 (10011108)
397678.26 3766811.08 27.69305 (10020806) 397718.26
3766811.08 24.64755 (10011407)
396558.26 3766851.08 16.64264 (11111607) 396598.26
3766851.08 19.42755 (15112607)
396638.26 3766851.08 23.00693 (10042106) 396678.26
3766851.08 27.12908 (11123007)
396718.26 3766851.08 30.24831 (12021506) 396758.26
3766851.08 34.25237 (16010806)
396798.26 3766851.08 39.15537 (16010806) 396838.26
3766851.08 42.41788 (15011906)
396878.26 3766851.08 46.10794 (15092106) 396918.26
3766851.08 50.06004 (15111006)
396958.26 3766851.08 52.02035 (16122306) 396998.26
3766851.08 56.09371 (16030806)
397038.26 3766851.08 55.22772 (12031906) 397078.26
3766851.08 53.43333 (15031106)
397118.26 3766851.08 50.83613 (16122608) 397158.26
3766851.08 46.08439 (16011808)
397198.26 3766851.08 48.77895 (16122907) 397238.26
3766851.08 46.71707 (10112308)
397278.26 3766851.08 48.36700 (10051206) 397318.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        397358.26   3766851.08   44.20312 (12101207)   397398.26   3766851.08   46.82589 (12101207)
        397438.26   3766851.08   46.40658 (10012706)   397478.26   3766851.08   43.01169 (12101207)
        397518.26   3766851.08   42.12621 (10040206)   397558.26   3766851.08   39.39422 (10080606)
        397598.26   3766851.08   35.99871 (15122506)   397638.26   3766851.08   32.82040 (10050306)
        397678.26   3766851.08   28.42603 (12101115)   397718.26   3766851.08   25.13950 (12101115)
        396558.26   3766891.08   17.81746 (16011306)   396598.26   3766891.08   19.77551 (15100906)
        396638.26   3766891.08   23.00466 (15100906)   396678.26   3766891.08   27.91400 (10042106)
        396718.26   3766891.08   32.25473 (11123007)   396758.26   3766891.08   35.77576 (16111406)
        396798.26   3766891.08   40.31071 (16010806)   396838.26   3766891.08   46.16021 (12021618)
        396878.26   3766891.08   50.04257 (16110406)   396918.26   3766891.08   53.35732 (16040106)

396958.26 3766891.08 57.28344 (12102406) 396998.26 3766891.08 61.38054 (16121606)
397038.26 3766891.08 61.69217 (10111507) 397078.26 3766891.08 61.13721 (16122108)
397118.26 3766891.08 58.06083 (16110107) 397158.26 3766891.08 53.02692 (11011308)
397198.26 3766891.08 55.09685 (11011308) 397238.26 3766891.08 55.06996 (10112308)
397278.26 3766891.08 57.99059 (12020606) 397318.26 3766891.08 52.64332 (10021807)
397358.26 3766891.08 54.53495 (12101207) 397398.26 3766891.08 53.82735 (10012706)
397438.26 3766891.08 49.91550 (10011108) 397478.26 3766891.08 48.60923 (11040406)
397518.26 3766891.08 45.71187 (10011108) 397558.26 3766891.08 43.12082 (10032606)
397598.26 3766891.08 37.13638 (15111018) 397638.26 3766891.08 33.54734 (11020807)
397678.26 3766891.08 32.05625 (11020807) 397718.26 3766891.08 27.82764 (12072606)
396558.26 3766931.08 18.33813 (16011306) 396598.26 3766931.08 20.93846 (12022306)
396638.26 3766931.08 24.40060 (15110507) 396678.26 3766931.08 27.46907 (10102906)
396718.26 3766931.08 32.56192 (10042106) 396758.26 3766931.08 38.03162 (16012807)
396798.26 3766931.08 42.98411 (15110506) 396838.26 3766931.08 47.42503 (16010806)
396878.26 3766931.08 54.34122 (12100906) 396918.26 3766931.08 58.37018 (16110406)
396958.26 3766931.08 63.37123 (12020207) 396998.26 3766931.08 67.21153 (16121606)
397038.26 3766931.08 72.29389 (16091506) 397078.26 3766931.08 71.45759 (16110107)
397118.26 3766931.08 68.09659 (10112206) 397158.26 3766931.08 65.85664 (10010406)
397198.26 3766931.08 67.04273 (10010406) 397238.26 3766931.08 67.21014 (10120107)
397278.26 3766931.08 66.25133 (12122608) 397318.26 3766931.08 64.81005 (12101207)
397358.26 3766931.08 66.90412 (10012706) 397398.26 3766931.08 62.32269 (10021807)
397438.26 3766931.08 57.28977 (10011108) 397478.26 3766931.08 53.31841 (10032606)
397518.26 3766931.08 49.69094 (10111106) 397558.26 3766931.08 44.14182 (12122008)
397598.26 3766931.08 42.36648 (11020807) 397638.26 3766931.08 37.00035 (10040206)
397678.26 3766931.08 32.94121 (10022418) 397718.26 3766931.08 28.35141 (16091906)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	70.86102	(15102806)	396998.26	3766971.08	78.60807	(16040606)
397038.26	3766971.08	86.01382	(16030806)	397078.26	3766971.08	84.67236	(10120307)
397118.26	3766971.08	86.95368	(16120707)	397158.26	3766971.08	95.61693	(10042206)
397198.26	3766971.08	97.11997	(10021807)	397238.26	3766971.08	85.49625	(10030507)
397278.26	3766971.08	77.87202	(10050306)	397318.26	3766971.08	79.53604	(10020206)
397358.26	3766971.08	78.02662	(11021507)	397398.26			

3766971.08 69.41959 (15122506)
397438.26 3766971.08 66.12428 (10011407) 397478.26
3766971.08 57.98745 (12122008)
397518.26 3766971.08 55.22314 (11020807) 397558.26
3766971.08 48.24320 (10040206)
397598.26 3766971.08 44.31586 (12072606) 397638.26
3766971.08 37.60589 (12122718)
397678.26 3766971.08 33.48364 (15122506) 397718.26
3766971.08 27.79503 (15122506)
396558.26 3767011.08 18.89370 (10102715) 396598.26
3767011.08 20.73207 (10102715)
396638.26 3767011.08 23.74486 (15110507) 396678.26
3767011.08 27.83724 (10102906)
396718.26 3767011.08 33.34455 (12021517) 396758.26
3767011.08 39.33636 (16011306)
396798.26 3767011.08 45.07568 (15110507) 396838.26
3767011.08 52.21724 (15031307)
396878.26 3767011.08 62.12162 (11123007) 396918.26
3767011.08 70.90933 (16011507)
396958.26 3767011.08 82.61194 (10122807) 396998.26
3767011.08 92.28982 (12020207)
397038.26 3767011.08 103.16904 (16121606) 397078.26
3767011.08 122.55480 (11122906)
397118.26 3767011.08 123.66466 (10012706) 397158.26
3767011.08 129.45124 (16121606)
397198.26 3767011.08 152.66731 (10021807) 397238.26
3767011.08 152.43132 (12122008)
397278.26 3767011.08 115.29326 (10011407) 397318.26
3767011.08 87.46892 (15122506)
397358.26 3767011.08 84.96231 (11021507) 397398.26
3767011.08 81.35841 (10011407)
397438.26 3767011.08 71.42581 (11020807) 397478.26
3767011.08 62.43632 (12072606)
397518.26 3767011.08 56.68429 (16091906) 397558.26
3767011.08 51.17456 (12072606)
397598.26 3767011.08 42.59478 (15122506) 397638.26
3767011.08 35.25072 (15122507)
397678.26 3767011.08 31.62049 (12091206) 397718.26
3767011.08 28.54828 (12041106)
396558.26 3767051.08 19.66745 (10041308) 396598.26
3767051.08 22.07804 (10041308)
396638.26 3767051.08 24.65791 (10041308) 396678.26
3767051.08 28.37789 (11040606)
396718.26 3767051.08 32.42144 (10032906) 396758.26
3767051.08 37.11776 (12020206)
396798.26 3767051.08 45.17418 (16011306) 396838.26
3767051.08 53.80352 (12022306)
396878.26 3767051.08 64.54666 (12120606) 396918.26
3767051.08 80.38442 (16012807)
396958.26 3767051.08 95.67553 (10120907) 396998.26

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 3767051.08      121.60845  (16123008)
       397038.26   3767051.08      182.65001  (16092306)                397078.26
 3767051.08      179.95855  (16122608)
       397118.26   3767051.08      163.02894  (10042206)                397158.26
 3767051.08      169.15735  (11011017)
       397198.26   3767051.08      163.54143  (10052706)                397238.26
 3767051.08      163.38540  (12101207)
       397278.26   3767051.08      157.13277  (10020806)                397318.26
 3767051.08      124.18287  (12122718)
       397358.26   3767051.08       92.80662  (10080606)                397398.26
 3767051.08       87.62527  (10122908)
       397438.26   3767051.08       76.14037  (10122908)                397478.26
 3767051.08       64.46412  (15122506)
       397518.26   3767051.08       53.87427  (15122507)                397558.26
 3767051.08       48.74992  (10011407)
       397598.26   3767051.08       44.09180  (11020807)                397638.26
 3767051.08       38.41160  (16022406)
       397678.26   3767051.08       35.18667  (16022406)                397718.26
 3767051.08       31.99844  (10022418)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                  PAGE  74
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3767091.08       19.63525  (11111806)                396598.26
 3767091.08       22.39042  (12080906)
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396638.26 3767091.08 25.12336 (11111806) 396678.26 3767091.08 28.74597 (10102715)
396718.26 3767091.08 33.48843 (10102715) 396758.26 3767091.08 38.44268 (10041308)
396798.26 3767091.08 45.07173 (11040606) 396838.26 3767091.08 53.22605 (10021911)
396878.26 3767091.08 66.69492 (16011306) 396918.26 3767091.08 85.48694 (10032510)
396958.26 3767091.08 113.08241 (16012807) 396998.26 3767091.08 204.51481 (10120907)
397078.26 3767091.08 200.49836 (11011006) 397118.26 3767091.08 188.55510 (11011308)
397158.26 3767091.08 198.34457 (10030507) 397198.26 3767091.08 178.35453 (10020406)
397238.26 3767091.08 172.73911 (10080606) 397278.26 3767091.08 160.86157 (15111018)
397318.26 3767091.08 138.92644 (10022418) 397358.26 3767091.08 96.81417 (12072606)
397398.26 3767091.08 88.56336 (12122607) 397438.26 3767091.08 76.51194 (12122607)
397478.26 3767091.08 69.96731 (10040806) 397518.26 3767091.08 61.29310 (10040806)
397558.26 3767091.08 56.32829 (12041106) 397598.26 3767091.08 49.08769 (12120507)
397638.26 3767091.08 44.28921 (12122718) 397678.26 3767091.08 37.87521 (12122718)
397718.26 3767091.08 32.20698 (12122718) 396558.26 3767131.08 19.82328 (11031406)
396598.26 3767131.08 22.38097 (11121207) 396638.26 3767131.08 25.81215 (10021911)
396678.26 3767131.08 28.45508 (10100509) 396718.26 3767131.08 32.53077 (11121914)
396758.26 3767131.08 37.87158 (10041308) 396798.26 3767131.08 45.22821 (10111118)
396838.26 3767131.08 54.15680 (10032510) 396878.26 3767131.08 67.95099 (11040606)
396918.26 3767131.08 90.06255 (10100510) 396958.26 3767131.08 159.15589 (15031307)
397238.26 3767131.08 183.94764 (12122718) 397278.26 3767131.08 178.88725 (10032606)
397318.26 3767131.08 140.42754 (12091206) 397358.26 3767131.08 116.37023 (12122718)
397398.26 3767131.08 92.35073 (15030518) 397438.26 3767131.08 80.26999 (16022406)
397478.26 3767131.08 81.85666 (12041106) 397518.26 3767131.08 70.80029 (12041106)
397558.26 3767131.08 61.87580 (15122507) 397598.26 3767131.08 49.61533 (10122907)
397638.26 3767131.08 42.73054 (15101918) 397678.26 3767131.08 37.74055 (11032206)

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       397718.26   3767131.08       32.82189  (12041106)               396558.26
 3767171.08       21.03511  (15021118)
       396598.26   3767171.08       23.48430  (12112917)               396638.26
 3767171.08       26.58036  (15021117)
       396678.26   3767171.08       29.46490  (15021118)               396718.26
 3767171.08       32.59384  (10122106)
       396758.26   3767171.08       37.82643  (10122106)               396798.26
 3767171.08       45.43714  (11122216)
       396838.26   3767171.08       55.47147  (10122106)               396878.26
 3767171.08       70.43233  (10111118)
       396918.26   3767171.08       96.46005  (11031406)               397438.26
 3767171.08       84.22447  (16022406)
       397478.26   3767171.08       75.38020  (10122306)               397518.26
 3767171.08       61.09068  (12110707)
       397558.26   3767171.08       53.58543  (16022406)               397598.26
 3767171.08       47.05284  (11110107)
       397638.26   3767171.08       41.38113  (15101918)               397678.26
 3767171.08       36.14477  (12120507)
       397718.26   3767171.08       31.46108  (12120507)               396558.26
 3767211.08       22.49951  (11083006)
       396598.26   3767211.08       25.69204  (11083006)               396638.26
 3767211.08       29.12777  (11083006)
       396678.26   3767211.08       32.57349  (11020917)               396718.26
 3767211.08       35.95102  (12112917)
       396758.26   3767211.08       40.46271  (12112917)               396798.26
 3767211.08       47.41175  (11083006)
       396838.26   3767211.08       57.47856  (10100518)               396878.26
 3767211.08       71.68853  (11091906)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  75
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	93.12541	(10100518)	396958.26	3767211.08	126.88483	(12112917)
397438.26	3767211.08	105.13393	(12020706)	397478.26	3767211.08	89.24038	(12020706)
397518.26	3767211.08	70.05226	(16102818)	397558.26	3767211.08	55.12118	(10122907)
397598.26	3767211.08	45.78046	(16102818)	397638.26	3767211.08	40.30205	(16020418)
397678.26	3767211.08	35.74413	(10092806)	397718.26	3767211.08	31.43973	(10092806)
396558.26	3767251.08	22.24657	(10100509)	396598.26	3767251.08	24.88308	(10092112)
396638.26	3767251.08	28.50051	(10092112)	396678.26	3767251.08	32.78041	(15122816)
396718.26	3767251.08	36.39943	(11083006)	396758.26	3767251.08	39.84663	(15020607)
396798.26	3767251.08	45.69608	(11091906)	396838.26	3767251.08	54.42849	(11091906)
396878.26	3767251.08	67.21048	(10111006)	396918.26	3767251.08	89.48092	(10110207)
396958.26	3767251.08	110.19845	(10101406)	396998.26	3767251.08	144.20393	(15020607)
397038.26	3767251.08	127.97140	(15101407)	397078.26	3767251.08	167.54285	(15100307)
397118.26	3767251.08	257.38417	(10071306)	397318.26	3767251.08	161.52265	(12121017)
397358.26	3767251.08	132.73704	(10010117)	397398.26	3767251.08	118.39425	(11022306)
397438.26	3767251.08	104.19714	(15072206)	397478.26	3767251.08	93.27240	(10092806)
397518.26	3767251.08	78.85790	(16022418)	397558.26	3767251.08	67.38036	(16020418)
397598.26	3767251.08	56.48366	(11022806)	397638.26	3767251.08	44.55772	(11020206)
397678.26	3767251.08	38.43748	(10021106)	397718.26	3767251.08	32.75895	(10021106)
396558.26	3767291.08	36.40577	(10122706)	396598.26	3767291.08	35.13227	(10110207)
396638.26	3767291.08	37.05234	(16010707)	396678.26	3767291.08	35.38602	(10112506)
396718.26	3767291.08	35.24434	(10120807)	396758.26	3767291.08	37.62557	(15020607)
396798.26	3767291.08	41.64529	(10012606)	396838.26			

3767291.08   49.38251 (16011806)
       396878.26   3767291.08   62.69993 (11012806)   396918.26
3767291.08   82.04604 (11011207)
       396958.26   3767291.08   93.38634 (11021706)   396998.26
3767291.08   104.61887 (11052406)
       397038.26   3767291.08   114.84014 (10011406)   397078.26
3767291.08   137.82390 (15122118)
       397118.26   3767291.08   124.00024 (12012518)   397158.26
3767291.08   201.58869 (15100307)
       397278.26   3767291.08   163.80628 (11112217)   397318.26
3767291.08   143.95266 (11102718)
       397358.26   3767291.08   124.60145 (15030618)   397398.26
3767291.08   110.85895 (16092818)
       397438.26   3767291.08   98.01913 (11112118)   397478.26
3767291.08   89.21062 (12120407)
       397518.26   3767291.08   81.92114 (10102207)   397558.26
3767291.08   72.30442 (10102207)
       397598.26   3767291.08   66.46644 (11022306)   397638.26
3767291.08   55.36451 (15072206)
       397678.26   3767291.08   41.63871 (11012006)   397718.26
3767291.08   34.52781 (10021106)
       396558.26   3767331.08   41.96661 (15020607)   396598.26
3767331.08   43.85803 (16051106)
       396638.26   3767331.08   45.06251 (16010508)   396678.26
3767331.08   40.43349 (11021007)
       396718.26   3767331.08   36.17532 (11012806)   396758.26
3767331.08   36.73953 (16011806)
       396798.26   3767331.08   39.80445 (11021706)   396838.26
3767331.08   45.52950 (11081506)
       396878.26   3767331.08   55.55801 (10111917)   396918.26
3767331.08   71.96893 (11081506)
       396958.26   3767331.08   80.18039 (10010706)   396998.26
3767331.08   83.55308 (15090206)
       397038.26   3767331.08   83.27356 (15033006)   397078.26
3767331.08   116.34487 (11123018)
       397118.26   3767331.08   152.03047 (11121608)   397158.26
3767331.08   177.04673 (12112818)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007

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 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397198.26   3767331.08      184.49141  (10022606)               397238.26
 3767331.08      174.12686  (15010117)
        397278.26   3767331.08      153.47649  (16011318)               397318.26
 3767331.08      125.67461  (12101918)
        397358.26   3767331.08      110.83132  (10102018)               397398.26
 3767331.08      102.71921  (16092818)
        397438.26   3767331.08       94.62030  (10102018)               397478.26
 3767331.08       84.79277  (16092318)
        397518.26   3767331.08       77.49221  (12121318)               397558.26
 3767331.08       70.07171  (11112118)
        397598.26   3767331.08       62.91579  (11101218)               397638.26
 3767331.08       59.09390  (15011517)
        397678.26   3767331.08       49.26316  (11110718)               397718.26
 3767331.08       36.45697  (16112917)
        396558.26   3767371.08       41.46843  (11011207)               396598.26
 3767371.08       42.39411  (11111817)
        396638.26   3767371.08       42.17809  (10012606)               396678.26
 3767371.08       34.71968  (10111206)
        396718.26   3767371.08       32.23757  (11081906)               396758.26
 3767371.08       34.93209  (15022007)
        396798.26   3767371.08       37.22947  (10011406)               396838.26
 3767371.08       39.62705  (10090810)
        396878.26   3767371.08       42.99245  (11020707)               396918.26
 3767371.08       58.48424  (10040606)
        396958.26   3767371.08       66.05599  (11090106)               396998.26
 3767371.08       70.26926  (16030406)
        397038.26   3767371.08       71.19327  (11030407)               397078.26
 3767371.08       86.71370  (15122118)
        397118.26   3767371.08      103.45829  (12120718)               397158.26
 3767371.08      132.46635  (12101206)
        397198.26   3767371.08      125.02877  (10092906)               397238.26
 3767371.08      124.90920  (12041006)
        397278.26   3767371.08      121.05108  (10012818)               397318.26
 3767371.08      111.95141  (12120418)
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       397358.26   3767371.08      102.00250  (12101918)               397398.26
 3767371.08       93.99099  (15012118)
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 3767371.08       68.82689  (10040906)
       397598.26   3767371.08       63.28859  (16092818)               397638.26
 3767371.08       57.54544  (11022306)
       397678.26   3767371.08       52.21230  (11112118)               397718.26
 3767371.08       42.06872  (15021906)
       396558.26   3767411.08       40.58723  (10011406)               396598.26
 3767411.08       37.94314  (16011806)
       396638.26   3767411.08       33.50047  (10010708)               396678.26
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       396718.26   3767411.08       29.57463  (12022007)               396758.26
 3767411.08       31.31489  (11112015)
       396798.26   3767411.08       32.13055  (10090810)               396838.26
 3767411.08       34.47482  (10061609)
       396878.26   3767411.08       37.35743  (15051308)               396918.26
 3767411.08       47.29289  (10112406)
       396958.26   3767411.08       58.74500  (11080906)               396998.26
 3767411.08       60.74853  (11030407)
       397038.26   3767411.08       58.61367  (11121917)               397078.26
 3767411.08       73.84505  (15122118)
       397118.26   3767411.08       87.17724  (15122118)               397158.26
 3767411.08       99.35913  (16012518)
       397198.26   3767411.08      104.33549  (16102618)               397238.26
 3767411.08      108.23781  (15102318)
       397278.26   3767411.08      104.77145  (11080306)               397318.26
 3767411.08      101.91220  (16011918)
       397358.26   3767411.08       94.64715  (12120618)               397398.26
 3767411.08       87.08465  (16111818)
       397438.26   3767411.08       81.91823  (16121318)               397478.26
 3767411.08       75.22016  (12091106)
       397518.26   3767411.08       69.13000  (15012318)               397558.26
 3767411.08       64.97238  (11072906)
       397598.26   3767411.08       61.00265  (11112118)               397638.26
 3767411.08       56.65044  (10102018)
       397678.26   3767411.08       51.26207  (10040906)               397718.26
 3767411.08       47.04764  (10021207)
       396558.26   3767451.08       37.14648  (15090206)               396598.26
 3767451.08       36.05828  (11111817)
       396638.26   3767451.08       31.00060  (10111206)               396678.26
 3767451.08       29.56563  (10111206)
       396718.26   3767451.08       28.48932  (16010618)               396758.26
 3767451.08       27.90783  (12121218)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:18:19
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	29.49569	(12032306)	396838.26	3767451.08	30.96482	(10052607)
396878.26	3767451.08	32.57251	(12121218)	396918.26	3767451.08	41.83444	(10022306)
396958.26	3767451.08	50.78420	(10080406)	396998.26	3767451.08	52.55755	(11031418)
397038.26	3767451.08	53.09771	(11010507)	397078.26	3767451.08	62.74669	(15122118)
397118.26	3767451.08	75.61307	(11123018)	397158.26	3767451.08	83.76314	(12120718)
397198.26	3767451.08	90.75309	(10102206)	397238.26	3767451.08	95.43508	(16102618)
397278.26	3767451.08	93.88115	(12090506)	397318.26	3767451.08	90.94531	(11080306)
397358.26	3767451.08	88.28851	(11012518)	397398.26	3767451.08	82.46511	(15100918)
397438.26	3767451.08	75.66919	(16112318)	397478.26	3767451.08	70.99115	(15012318)
397518.26	3767451.08	66.03581	(12101918)	397558.26	3767451.08	61.36132	(12101518)
397598.26	3767451.08	57.09071	(11102718)	397638.26	3767451.08	53.75896	(11072906)
397678.26	3767451.08	49.73066	(11112118)	397718.26	3767451.08	46.54131	(16092818)
396558.26	3767491.08	34.58602	(10011406)	396598.26			

3767491.08 34.23518 (12121218)
396638.26 3767491.08 35.32824 (15010617) 396678.26
3767491.08 36.88788 (15090206)
396718.26 3767491.08 34.00500 (11030206) 396758.26
3767491.08 25.28602 (11081906)
396798.26 3767491.08 26.49174 (10121615) 396838.26
3767491.08 28.40102 (10121615)
396878.26 3767491.08 30.63225 (11021816) 396918.26
3767491.08 37.24054 (11021106)
396958.26 3767491.08 42.55020 (10122008) 396998.26
3767491.08 48.09808 (11010507)
397038.26 3767491.08 44.89329 (10020117) 397078.26
3767491.08 54.56759 (11123018)
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3767491.08 83.41941 (10102106)
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3767491.08 78.32074 (15080506)
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3767491.08 59.28984 (16121318)
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3767531.08 34.57322 (15090206)
396638.26 3767531.08 37.11647 (16020818) 396678.26
3767531.08 38.13322 (11030206)
396718.26 3767531.08 34.26523 (11030407) 396758.26
3767531.08 23.03622 (10121615)
396798.26 3767531.08 24.06204 (10040917) 396838.26
3767531.08 27.80154 (10011216)
396878.26 3767531.08 29.07829 (10100516) 396918.26
3767531.08 31.34127 (10111918)
396958.26 3767531.08 35.58605 (10100618) 396998.26
3767531.08 41.33953 (10092306)
397038.26 3767531.08 40.36701 (16102406) 397078.26
3767531.08 49.53997 (11123018)
397118.26 3767531.08 61.02067 (15122118) 397158.26
3767531.08 64.97417 (11112917)
397198.26 3767531.08 73.28871 (10100406) 397238.26
3767531.08 75.74941 (10100406)
397278.26 3767531.08 77.72919 (12120706) 397318.26
3767531.08 76.55161 (12110907)
397358.26 3767531.08 73.06664 (12090506) 397398.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   EG01   , EG08
, EG24   , L0000001   , L0000002   ,
                L0000003   , L0000004   , L0000005   , L0000006   , L0000007
, L0000008   , L0000009   , L0000010   ,
                L0000011   , L0000012   , L0000013   , L0000014   , L0000015
, L0000016   , L0000017   , L0000018   ,
                L0000019   , L0000020   , L0000021   , L0000022   , L0000023
, L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       397598.26   3767531.08   52.73202 (15012318)   397638.26
3767531.08   48.55720 (12101918)
       397678.26   3767531.08   45.35832 (12122817)   397718.26
3767531.08   42.05695 (10113017)
       397320.82   3767219.11   175.04290 (10073006)   397330.82
3767209.11   172.00936 (16020418)
       397340.82   3767189.11   184.37836 (10070506)   397340.82
3767199.11   172.96200 (12091206)
       397340.82   3767209.11   165.47872 (15072206)   397350.82
3767189.11   172.68482 (11032206)
       397350.82   3767199.11   160.20346 (11032206)   397360.82
3767189.11   144.29971 (10070506)
       397360.82   3767199.11   137.68417 (16022418)   397370.82
3767189.11   110.84277 (16022418)
       397380.82   3767189.11   98.94365 (15101918)   396920.42
3767167.32   99.17603 (11031406)

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       396989.95   3767243.54      143.61470  (15122816)                397044.10
 3767223.97      255.07186  (15093007)
       397113.57   3767239.93      271.01420  (10071306)                397158.63
 3767280.29      228.02179  (15100307)
       397168.95   3767307.05      149.86431  (15101407)                397244.05
 3767296.72      169.75494  (15100718)
       397260.95   3767278.88      160.77921  (16101118)                397409.74
 3767205.66      103.72612  (11012007)
       397422.89   3767189.23       92.69864  (11012007)                397426.64
 3767180.78       89.24444  (15111606)
       397420.54   3767170.46       86.11845  (16022406)                397318.68
 3767160.13      160.20370  (10040806)
       397022.98   3767083.62      207.78052  (16101907)                396943.60
 3767192.73      123.26089  (11083006)
       396966.77   3767218.13      133.49796  (12112917)                397017.03
 3767233.75      188.28232  (15062706)
       397078.83   3767231.95      264.30015  (15093007)                397136.10
 3767260.11      250.57254  (15100307)
       397206.50   3767301.88      161.09465  (15062706)                397298.15
 3767260.58      166.70743  (11112118)
       397335.34   3767242.27      149.18447  (11022806)                397372.54
 3767223.96      118.63268  (16022418)
       397386.59   3767167.02       99.69978  (15111606)                397352.63
 3767163.57      147.68457  (10022418)
       397276.44   3767149.20      188.30320  (15062306)                397234.19
 3767138.27      193.41642  (11020807)
       397191.95   3767127.34      203.43875  (15122506)                397149.71
 3767116.41      209.17043  (16012717)
       397107.47   3767105.48      209.10472  (16030107)                397065.22
 3767094.55      215.26055  (12031407)
       396988.79   3767111.52      213.62633  (15102707)                396954.61
 3767139.42      159.52697  (15100307)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  79
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	5.36456	(10121716)	396598.26	3766771.08	6.18778	(10020516)
396638.26	3766771.08	7.10728	(10020516)	396678.26	3766771.08	7.79345	(10020516)
396718.26	3766771.08	9.25668m	(16012908)	396758.26	3766771.08	10.10921m	(16012908)
396798.26	3766771.08	9.93735m	(16012908)	396838.26	3766771.08	10.34881	(16121408)
396878.26	3766771.08	11.06782	(16121408)	396918.26	3766771.08	12.75829	(16122308)
396958.26	3766771.08	13.14551	(16122308)	396998.26	3766771.08	12.38307	(16122308)
397038.26	3766771.08	12.65406	(16122908)	397078.26	3766771.08	13.42532	(16122908)
397118.26	3766771.08	12.32644	(16122908)	397158.26	3766771.08	10.92390	(16122908)
397198.26	3766771.08	9.76835	(16122908)	397238.26	3766771.08	9.08555	(10010408)
397278.26	3766771.08	9.22929	(10010408)	397318.26	3766771.08	8.02037	(10010408)
397358.26	3766771.08	6.63362	(10010408)	397398.26	3766771.08	6.69490	(11011308)
397438.26	3766771.08	6.76230	(11011308)	397478.26	3766771.08	5.96013	(11011308)
397518.26	3766771.08	5.97629	(11011308)	397558.26	3766771.08	5.57784	(10020808)
397598.26	3766771.08	5.60186	(10020808)	397638.26	3766771.08	5.37658	(10020808)
397678.26	3766771.08	4.95222	(10020808)	397718.26	3766771.08	4.39527	(10020808)
396558.26	3766811.08	5.46478	(10121716)	396598.26	3766811.08	6.30968	(10121716)
396638.26	3766811.08	7.42836	(10121716)	396678.26	3766811.08	8.54545	(10020516)
396718.26	3766811.08	9.31418	(10121716)	396758.26	3766811.08	10.30408m	(16012908)
396798.26	3766811.08	11.26741m	(16012908)	396838.26	3766811.08	11.42387m	(16012908)
396878.26	3766811.08	12.12330	(16121408)	396918.26	3766811.08	13.45244	(16122308)
396958.26	3766811.08	14.62150	(16122308)	396998.26	3766811.08	14.21874	(16122308)
397038.26	3766811.08	13.51245	(16122908)	397078.26	3766811.08	14.62083	(16122908)
397118.26	3766811.08	13.67059	(16122908)	397158.26			

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 3766811.08       12.26408  (16122908)
       397198.26   3766811.08       10.91069  (16122908)                397238.26
 3766811.08       10.26116  (10010408)
       397278.26   3766811.08        9.44913  (10010408)                397318.26
 3766811.08        7.67377  (10010408)
       397358.26   3766811.08        7.38753  (11011308)                397398.26
 3766811.08        7.83021  (11011308)
       397438.26   3766811.08        7.53623  (11011308)                397478.26
 3766811.08        7.05961  (11011308)
       397518.26   3766811.08        6.60618  (10020808)                397558.26
 3766811.08        6.61897  (10020808)
       397598.26   3766811.08        6.31485  (10020808)                397638.26
 3766811.08        5.77120  (10020808)
       397678.26   3766811.08        5.09679  (10020808)                397718.26
 3766811.08        4.55919  (15122524)
       396558.26   3766851.08        5.38525  (11021816)                396598.26
 3766851.08        6.31329  (10121716)
       396638.26   3766851.08        7.48978  (10121716)                396678.26
 3766851.08        8.84629  (10121716)
       396718.26   3766851.08       10.05762  (10121716)                396758.26
 3766851.08       11.03523  (10121716)
       396798.26   3766851.08       12.14007  (10121716)                396838.26
 3766851.08       13.03182m (16012908)
       396878.26   3766851.08       13.09109m (16012908)                396918.26
 3766851.08       14.71305  (16122816)
       396958.26   3766851.08       15.74384  (16122816)                396998.26
 3766851.08       15.92876  (16122308)
       397038.26   3766851.08       14.72184  (16122308)                397078.26
 3766851.08       15.91196  (16122908)
       397118.26   3766851.08       14.94188  (16122908)                397158.26
 3766851.08       13.38863  (16122908)
       397198.26   3766851.08       12.16227  (16122908)                397238.26
 3766851.08       11.56321  (10010408)
       397278.26   3766851.08        9.57142  (10010408)                397318.26
 3766851.08        7.98496  (10012708)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  80
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	8.76075	(11011308)	397398.26	3766851.08	9.40946	(11011308)
397438.26	3766851.08	8.28343	(11011308)	397478.26	3766851.08	7.79627	(11011308)
397518.26	3766851.08	7.73443	(10020808)	397558.26	3766851.08	7.31447	(10020808)
397598.26	3766851.08	6.61403	(10020808)	397638.26	3766851.08	5.77964	(10020808)
397678.26	3766851.08	5.56514	(11030908)	397718.26	3766851.08	5.28330	(11030908)
396558.26	3766891.08	5.93479	(11021816)	396598.26	3766891.08	6.50054	(11021816)
396638.26	3766891.08	7.40145	(10121716)	396678.26	3766891.08	8.97608	(10121716)
396718.26	3766891.08	10.61685	(10121716)	396758.26	3766891.08	12.12189	(10121716)
396798.26	3766891.08	13.69273	(10121716)	396838.26	3766891.08	14.61101	(10121716)
396878.26	3766891.08	15.10375m	(16012908)	396918.26	3766891.08	16.35541	(16122816)
396958.26	3766891.08	18.07329	(16122816)	396998.26	3766891.08	18.59242	(16122816)
397038.26	3766891.08	17.48688	(16122816)	397078.26	3766891.08	17.56913	(16122908)
397118.26	3766891.08	16.32779	(16122908)	397158.26	3766891.08	14.15864	(16122908)
397198.26	3766891.08	13.50389	(16122908)	397238.26	3766891.08	12.19802	(10010408)
397278.26	3766891.08	10.61410	(10012708)	397318.26	3766891.08	10.05075	(11011308)
397358.26	3766891.08	11.18045	(11011308)	397398.26	3766891.08	10.65467	(11011308)
397438.26	3766891.08	9.12155	(11011308)	397478.26	3766891.08	8.89209	(10020808)
397518.26	3766891.08	8.33887	(10020808)	397558.26	3766891.08	7.50101	(11030908)
397598.26	3766891.08	7.38632	(11030908)	397638.26	3766891.08	7.12638	(11030908)
397678.26	3766891.08	6.67570	(11030908)	397718.26	3766891.08	6.28776	(15121416)
396558.26	3766931.08	6.37876	(11021816)	396598.26	3766931.08	7.08805	(11021816)

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       396638.26   3766931.08        8.04643  (11021816)               396678.26
 3766931.08        8.71557  (11021816)
       396718.26   3766931.08       10.65612  (10121716)               396758.26
 3766931.08       12.78108  (10121716)
       396798.26   3766931.08       14.71763  (10121716)               396838.26
 3766931.08       16.68129  (10121716)
       396878.26   3766931.08       17.54362  (10121716)               396918.26
 3766931.08       18.61077  (15122216)
       396958.26   3766931.08       20.76846  (16122816)               396998.26
 3766931.08       22.09342  (16122816)
       397038.26   3766931.08       21.22867  (16122816)               397078.26
 3766931.08       19.92935  (16122908)
       397118.26   3766931.08       18.25399  (16122908)               397158.26
 3766931.08       15.69652  (16122908)
       397198.26   3766931.08       15.16915  (10010408)               397238.26
 3766931.08       13.68575  (10012708)
       397278.26   3766931.08       12.38842  (10012708)               397318.26
 3766931.08       13.21770  (11011308)
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       397438.26   3766931.08       10.21993  (10020808)               397478.26
 3766931.08        9.59451  (11030908)
       397518.26   3766931.08        9.70766  (11030908)               397558.26
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       396558.26   3766971.08        6.38317  (11021816)               396598.26
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       396718.26   3766971.08       10.77902  (11021816)               396758.26
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       396798.26   3766971.08       15.30601  (10121716)               396838.26
 3766971.08       17.91223  (10121716)
       396878.26   3766971.08       20.45230  (10121716)               396918.26
 3766971.08       21.49017  (15122216)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  81
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	23.41355	(16122816)	396998.26	3766971.08	26.21477	(16122816)
397038.26	3766971.08	25.76851	(16122816)	397078.26	3766971.08	22.84842	(16122908)
397118.26	3766971.08	21.46247	(16122816)	397158.26	3766971.08	27.08564	(16122816)
397198.26	3766971.08	20.88407	(10012708)	397238.26	3766971.08	17.05664	(11011308)
397278.26	3766971.08	15.20974	(11011308)	397318.26	3766971.08	15.98503	(11011308)
397358.26	3766971.08	14.82170	(11011308)	397398.26	3766971.08	12.35022	(11030908)
397438.26	3766971.08	12.70218	(11030908)	397478.26	3766971.08	12.36341	(11030908)
397518.26	3766971.08	11.63942	(11030908)	397558.26	3766971.08	10.92372	(15121416)
397598.26	3766971.08	10.59505	(15121416)	397638.26	3766971.08	10.07245	(15121416)
397678.26	3766971.08	9.42661	(15121416)	397718.26	3766971.08	8.77533	(15121416)
396558.26	3767011.08	6.10884	(11021816)	396598.26	3767011.08	7.07813	(11021816)
396638.26	3767011.08	8.31546	(11021816)	396678.26	3767011.08	9.88935	(11021816)
396718.26	3767011.08	11.40263	(11021816)	396758.26	3767011.08	13.00323	(11021816)
396798.26	3767011.08	14.93250	(12012316)	396838.26	3767011.08	18.44100	(10121716)
396878.26	3767011.08	22.25207	(10121716)	396918.26	3767011.08	25.33613	(10121716)
396958.26	3767011.08	27.27221	(15122216)	396998.26	3767011.08	30.30207	(16122816)
397038.26	3767011.08	30.98673	(16122816)	397078.26	3767011.08	37.80867	(16122816)
397118.26	3767011.08	37.13869	(16122816)	397158.26	3767011.08	38.15985	(10012708)
397198.26	3767011.08	36.91831	(10012708)	397238.26	3767011.08	34.24588	(16122908)
397278.26	3767011.08	26.35008	(16020116)	397318.26			

3767011.08 18.15886 (11011308)
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3767011.08 15.53638 (11030908)
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397518.26 3767011.08 14.02058 (15121416) 397558.26
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3767051.08 6.47708 (11021816)
396638.26 3767051.08 7.63728 (11021816) 396678.26
3767051.08 9.09489 (11021816)
396718.26 3767051.08 10.80154 (11021816) 396758.26
3767051.08 12.92513 (11021816)
396798.26 3767051.08 15.35531 (12012316) 396838.26
3767051.08 18.46374 (12012316)
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3767051.08 27.90239 (10121716)
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397358.26 3767051.08 19.40534 (15111616) 397398.26
3767051.08 19.18475 (15111616)
397438.26 3767051.08 18.99930 (15121416) 397478.26
3767051.08 18.47133 (15121416)
397518.26 3767051.08 17.61113 (15121416) 397558.26
3767051.08 16.43391 (15121416)
397598.26 3767051.08 15.02645 (15121416) 397638.26
3767051.08 13.59763 (15121416)
397678.26 3767051.08 12.23513 (15121416) 397718.26
3767051.08 11.00716 (15121416)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	5.41945	(11110216)	396598.26	3767091.08	6.16507	(11110216)
396638.26	3767091.08	6.89652	(11110216)	396678.26	3767091.08	7.68491	(11110216)
396718.26	3767091.08	9.30931	(11021816)	396758.26	3767091.08	11.38217	(12012316)
396798.26	3767091.08	14.11171	(12012316)	396838.26	3767091.08	17.90646	(12012316)
396878.26	3767091.08	22.15883	(12012316)	396918.26	3767091.08	26.64171	(12012316)
396958.26	3767091.08	36.45752	(15122216)	396998.26	3767091.08	69.52202	(10121716)
397078.26	3767091.08	56.61626	(16122816)	397118.26	3767091.08	44.85575	(16122816)
397158.26	3767091.08	41.89196	(10010408)	397198.26	3767091.08	31.46735m	(10020408)
397238.26	3767091.08	41.52620	(15121416)	397278.26	3767091.08	51.91444	(15121416)
397318.26	3767091.08	55.33436	(15111616)	397358.26	3767091.08	26.70140	(15121416)
397398.26	3767091.08	24.75366	(15121416)	397438.26	3767091.08	23.75213	(15121416)
397478.26	3767091.08	22.21171	(15121416)	397518.26	3767091.08	20.30114	(15121416)
397558.26	3767091.08	18.38900	(15121416)	397598.26	3767091.08	16.54211	(15121416)
397638.26	3767091.08	14.72960	(15121416)	397678.26	3767091.08	12.94567	(15121416)
397718.26	3767091.08	11.45401	(15121416)	396558.26	3767131.08	5.54962	(11110216)
396598.26	3767131.08	6.34618	(11110216)	396638.26	3767131.08	7.25541	(11110216)
396678.26	3767131.08	8.11783	(11110216)	396718.26	3767131.08	9.17375	(11110216)
396758.26	3767131.08	10.46314	(11110216)	396798.26	3767131.08	11.92031	(12012316)

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       396838.26   3767131.08       15.02045  (12012316)               396878.26
 3767131.08       18.83151  (12012316)
       396918.26   3767131.08       23.70222  (12012316)               396958.26
 3767131.08       35.37554  (12012316)
       397238.26   3767131.08       49.44603  (15121416)               397278.26
 3767131.08       56.38206  (15111616)
       397318.26   3767131.08       54.29821  (15111616)               397358.26
 3767131.08       40.85648  (15121416)
       397398.26   3767131.08       29.50414  (15121416)               397438.26
 3767131.08       27.18381  (15121416)
       397478.26   3767131.08       24.49846  (15121416)               397518.26
 3767131.08       21.70979  (15121416)
       397558.26   3767131.08       19.15196  (15121416)               397598.26
 3767131.08       16.83345  (15121416)
       397638.26   3767131.08       14.65119  (15121416)               397678.26
 3767131.08       12.74745  (15121416)
       397718.26   3767131.08       11.18685  (15121416)               396558.26
 3767171.08        5.44647  (11110216)
       396598.26   3767171.08        6.27109  (11110216)               396638.26
 3767171.08        7.19999  (11110216)
       396678.26   3767171.08        8.11666  (11110216)               396718.26
 3767171.08        9.11885  (11110216)
       396758.26   3767171.08       10.44904  (11110216)               396798.26
 3767171.08       12.16326  (11110216)
       396838.26   3767171.08       14.12355  (11110216)               396878.26
 3767171.08       16.41979  (11110216)
       396918.26   3767171.08       18.78899  (11110216)               397438.26
 3767171.08       27.43795  (15121416)
       397478.26   3767171.08       23.88323  (15121416)               397518.26
 3767171.08       20.75055  (15121416)
       397558.26   3767171.08       17.60976  (15121416)               397598.26
 3767171.08       15.44263  (15121416)
       397638.26   3767171.08       13.57202  (15121416)               397678.26
 3767171.08       11.88543  (15121416)
       397718.26   3767171.08       10.32700  (15121416)               396558.26
 3767211.08        5.14621  (11110216)
       396598.26   3767211.08        5.87638  (11110216)               396638.26
 3767211.08        6.69785  (11110216)
       396678.26   3767211.08        7.63200  (11110216)               396718.26
 3767211.08        8.42011  (11110216)
       396758.26   3767211.08        9.50770  (11110216)               396798.26
 3767211.08       10.95836  (11110216)
       396838.26   3767211.08       12.83080  (11110216)               396878.26
 3767211.08       14.86849  (11110216)
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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                      ***       13:18:19

                                  PAGE  83
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	16.97453	(11110216)	396958.26	3767211.08	19.49092	(11110216)
397438.26	3767211.08	22.05024	(15121416)	397478.26	3767211.08	19.27162	(15121416)
397518.26	3767211.08	16.66781	(15121416)	397558.26	3767211.08	14.58988	(15121416)
397598.26	3767211.08	12.97673	(15121416)	397638.26	3767211.08	11.49341	(15121416)
397678.26	3767211.08	10.12089	(15121416)	397718.26	3767211.08	8.83360	(15121416)
396558.26	3767251.08	4.69042	(11110216)	396598.26	3767251.08	5.32153	(11110216)
396638.26	3767251.08	6.05672	(11110216)	396678.26	3767251.08	6.94572	(11110216)
396718.26	3767251.08	7.68968	(11110216)	396758.26	3767251.08	8.37194	(16122616)
396798.26	3767251.08	9.35752	(16122616)	396838.26	3767251.08	11.66445	(10100616)
396878.26	3767251.08	14.92770	(10100616)	396918.26	3767251.08	18.21005	(10100616)
396958.26	3767251.08	20.81772	(10100616)	396998.26	3767251.08	24.98585	(10100616)
397038.26	3767251.08	28.41138m	(10031816)	397078.26	3767251.08	35.26003	(11082616)
397118.26	3767251.08	50.54451	(11051316)	397318.26	3767251.08	37.21002	(10030916)
397358.26	3767251.08	26.21193	(10030916)	397398.26	3767251.08	22.78434	(15122516)
397438.26	3767251.08	19.87114	(15122516)	397478.26	3767251.08	17.11234	(15122516)
397518.26	3767251.08	14.77818	(15122516)	397558.26	3767251.08	12.78387	(15122516)
397598.26	3767251.08	11.16960	(15122516)	397638.26			

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 3767251.08         9.75219  (15122516)
       397678.26   3767251.08         8.50162  (15122516)                397718.26
 3767251.08         7.40721  (15122516)
       396558.26   3767291.08         4.11981  (16122616)                396598.26
 3767291.08         4.64331  (16122616)
       396638.26   3767291.08         5.22490  (16122616)                396678.26
 3767291.08         6.03300  (10100616)
       396718.26   3767291.08         7.30947  (10100616)                396758.26
 3767291.08         8.59329  (10100616)
       396798.26   3767291.08        10.35670  (10100616)                396838.26
 3767291.08        12.61955  (10100616)
       396878.26   3767291.08        15.38767  (10100616)                396918.26
 3767291.08        17.57639  (10100616)
       396958.26   3767291.08        19.00713  (10100616)                396998.26
 3767291.08        23.39925  (10033016)
       397038.26   3767291.08        34.57255m (10031816)                397078.26
 3767291.08        57.38596  (11051316)
       397118.26   3767291.08        45.41325  (10081716)                397158.26
 3767291.08        42.09078  (11060716)
       397278.26   3767291.08        40.08489  (11072916)                397318.26
 3767291.08        35.90120  (12110916)
       397358.26   3767291.08        31.44824  (10030916)                397398.26
 3767291.08        29.24558  (10030916)
       397438.26   3767291.08        23.67286  (10030916)                397478.26
 3767291.08        19.13126  (10030916)
       397518.26   3767291.08        15.69594  (10030916)                397558.26
 3767291.08        13.08674  (10030916)
       397598.26   3767291.08        11.07961  (10030916)                397638.26
 3767291.08         9.49541  (10030916)
       397678.26   3767291.08         8.00251  (10030916)                397718.26
 3767291.08         6.77202  (15122516)
       396558.26   3767331.08         3.99758  (10101408)                396598.26
 3767331.08         4.72558  (10100516)
       396638.26   3767331.08         5.80410  (10100516)                396678.26
 3767331.08         7.16554  (10100516)
       396718.26   3767331.08         8.75771  (10100516)                396758.26
 3767331.08        10.10106  (10100516)
       396798.26   3767331.08        11.60754  (10100516)                396838.26
 3767331.08        13.57291  (10100516)
       396878.26   3767331.08        15.80195  (10100516)                396918.26
 3767331.08        16.99727  (10100516)
       396958.26   3767331.08        17.59009  (10100516)                396998.26
 3767331.08        21.39246  (10102016)
       397038.26   3767331.08        27.49705  (10111616)                397078.26
 3767331.08        45.75889  (11051316)
       397118.26   3767331.08        59.74362  (15081716)                397158.26
 3767331.08        63.22186  (16070116)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	48.67053	(11082616)	397238.26	3767331.08	45.15416	(16061316)
397278.26	3767331.08	39.86091	(16121616)	397318.26	3767331.08	31.35540	(16121616)
397358.26	3767331.08	31.66309	(12110916)	397398.26	3767331.08	27.50562	(12110916)
397438.26	3767331.08	22.98716	(10030916)	397478.26	3767331.08	20.15026	(10030916)
397518.26	3767331.08	17.34524	(10030916)	397558.26	3767331.08	14.76416	(10030916)
397598.26	3767331.08	12.67514	(10030916)	397638.26	3767331.08	10.89712	(10030916)
397678.26	3767331.08	9.43253	(10030916)	397718.26	3767331.08	8.10461	(10030916)
396558.26	3767371.08	4.69017	(10100516)	396598.26	3767371.08	5.81273	(10100516)
396638.26	3767371.08	7.15726	(10100516)	396678.26	3767371.08	8.77094	(10100516)
396718.26	3767371.08	10.55892	(10100516)	396758.26	3767371.08	12.08500	(10100516)
396798.26	3767371.08	13.15738	(10100516)	396838.26	3767371.08	14.26553	(10100516)
396878.26	3767371.08	15.35911	(10100516)	396918.26	3767371.08	15.58229	(10100516)
396958.26	3767371.08	16.56380	(10011816)	396998.26	3767371.08	20.00454	(10102016)
397038.26	3767371.08	24.74489	(10061116)	397078.26	3767371.08	30.32669	(11041916)
397118.26	3767371.08	37.01945	(10102116)	397158.26	3767371.08	38.71872	(16051616)

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       397198.26   3767371.08       35.69445  (15052216)                397238.26
3767371.08       29.65833  (16121616)
       397278.26   3767371.08       27.34868  (16061316)                397318.26
3767371.08       27.60009  (16061316)
       397358.26   3767371.08       28.65264  (16121616)                397398.26
3767371.08       26.72945  (12110916)
       397438.26   3767371.08       22.98750  (12110916)                397478.26
3767371.08       18.50858  (16052516)
       397518.26   3767371.08       16.23734  (16052516)                397558.26
3767371.08       14.57826  (10030916)
       397598.26   3767371.08       12.90667  (10030916)                397638.26
3767371.08       11.33215  (10030916)
       397678.26   3767371.08        9.95933  (10030916)                397718.26
3767371.08        8.74409  (10030916)
       396558.26   3767411.08        5.58144  (10100516)                396598.26
3767411.08        6.84470  (10100516)
       396638.26   3767411.08        8.30365  (10100516)                396678.26
3767411.08        9.89076  (10100516)
       396718.26   3767411.08       11.47434  (10100516)                396758.26
3767411.08       12.70930  (10100516)
       396798.26   3767411.08       13.32396  (10100516)                396838.26
3767411.08       13.75971  (10100516)
       396878.26   3767411.08       14.01001  (10100516)                396918.26
3767411.08       14.02154  (10011816)
       396958.26   3767411.08       15.58285  (10011816)                396998.26
3767411.08       18.00138  (10102016)
       397038.26   3767411.08       23.20726  (10061116)                397078.26
3767411.08       26.30778  (10061116)
       397118.26   3767411.08       29.11491  (11041916)                397158.26
3767411.08       30.05430  (16050516)
       397198.26   3767411.08       27.42077  (16050516)                397238.26
3767411.08       24.81356  (12102216)
       397278.26   3767411.08       22.69691  (16061316)                397318.26
3767411.08       23.52450  (16061316)
       397358.26   3767411.08       24.02031  (16121616)                397398.26
3767411.08       23.54911  (16121616)
       397438.26   3767411.08       21.59131  (12110916)                397478.26
3767411.08       19.20671  (12110916)
       397518.26   3767411.08       16.18010  (12110916)                397558.26
3767411.08       13.64702  (16052516)
       397598.26   3767411.08       12.17055  (16052516)                397638.26
3767411.08       10.77793  (10030916)
       397678.26   3767411.08        9.70108  (10030916)                397718.26
3767411.08        8.70198  (10030916)
       396558.26   3767451.08        6.31779  (10100516)                396598.26
3767451.08        7.55183  (10100516)
       396638.26   3767451.08        8.88993  (10100516)                396678.26
3767451.08       10.20534  (10100516)
       396718.26   3767451.08       11.37455  (10100516)                396758.26
3767451.08       12.25855  (10100516)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	12.47823	(10100516)	396838.26	3767451.08	12.66054	(10100516)
396878.26	3767451.08	12.46974	(10100516)	396918.26	3767451.08	13.35312	(10011816)
396958.26	3767451.08	14.24267	(10050416)	396998.26	3767451.08	16.07164	(10102016)
397038.26	3767451.08	20.75960	(10061116)	397078.26	3767451.08	22.80376	(10061116)
397118.26	3767451.08	24.05870	(11041916)	397158.26	3767451.08	25.56304	(11041916)
397198.26	3767451.08	25.14621	(16050516)	397238.26	3767451.08	22.34057	(16050516)
397278.26	3767451.08	21.35619	(12102216)	397318.26	3767451.08	19.89207	(12102216)
397358.26	3767451.08	19.91067	(16061316)	397398.26	3767451.08	19.89906	(16121616)
397438.26	3767451.08	18.82667	(16121616)	397478.26	3767451.08	17.66100	(12110916)
397518.26	3767451.08	16.11958	(12110916)	397558.26	3767451.08	14.09715	(12110916)
397598.26	3767451.08	11.90323	(12110916)	397638.26	3767451.08	10.18892	(16052516)
397678.26	3767451.08	9.09130	(16052516)	397718.26	3767451.08	8.07836	(10030916)
396558.26	3767491.08	6.72863	(10100516)	396598.26	3767491.08	7.79024	(10100516)
396638.26	3767491.08	8.82169	(10100516)	396678.26			

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3767491.08        9.76118  (10100516)
       396718.26   3767491.08       10.55464  (10100516)                396758.26
3767491.08       11.15351  (10100516)
       396798.26   3767491.08       11.20112  (10100516)                396838.26
3767491.08       11.09389  (10100516)
       396878.26   3767491.08       11.59280  (10011816)                396918.26
3767491.08       12.38268  (10011816)
       396958.26   3767491.08       13.25904  (10050416)                396998.26
3767491.08       14.54066  (10061116)
       397038.26   3767491.08       18.64880  (10061116)                397078.26
3767491.08       20.07349  (10061116)
       397118.26   3767491.08       20.20287  (11041916)                397158.26
3767491.08       22.23019  (11041916)
       397198.26   3767491.08       22.46444  (16050516)                397238.26
3767491.08       21.53715  (16050516)
       397278.26   3767491.08       19.38037  (16050516)                397318.26
3767491.08       18.68142  (12102216)
       397358.26   3767491.08       17.02486  (12102216)                397398.26
3767491.08       16.52768  (16061316)
       397438.26   3767491.08       16.22350  (16121616)                397478.26
3767491.08       15.23587  (16121616)
       397518.26   3767491.08       14.74129  (12110916)                397558.26
3767491.08       13.54777  (12110916)
       397598.26   3767491.08       12.06278  (12110916)                397638.26
3767491.08       10.41600  (12110916)
       397678.26   3767491.08        8.79363  (12110916)                397718.26
3767491.08        7.64252  (16052516)
       396558.26   3767531.08        6.73802  (10100516)                396598.26
3767531.08        7.54093  (10100516)
       396638.26   3767531.08        8.25277  (10100516)                396678.26
3767531.08        8.88584  (10100516)
       396718.26   3767531.08        9.43269  (10100516)                396758.26
3767531.08        9.78634  (10100516)
       396798.26   3767531.08        9.74191  (10100516)                396838.26
3767531.08        9.82436  (10011816)
       396878.26   3767531.08       10.71609  (10011816)                396918.26
3767531.08       11.43054  (10030816)
       396958.26   3767531.08       12.36566  (11032816)                396998.26
3767531.08       14.02776  (10061116)
       397038.26   3767531.08       17.20982  (10061116)                397078.26
3767531.08       18.27119  (10061116)
       397118.26   3767531.08       17.39661  (10061116)                397158.26
3767531.08       19.46777  (11041916)
       397198.26   3767531.08       19.90972  (11041916)                397238.26
3767531.08       19.99706  (16050516)
       397278.26   3767531.08       18.82340  (16050516)                397318.26
3767531.08       16.80873  (12102216)
       397358.26   3767531.08       15.98733  (12102216)                397398.26
3767531.08       14.28095  (12102216)
       397438.26   3767531.08       13.61954  (16061316)                397478.26
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	11.41712	(12110916)	397638.26	3767531.08	10.22158	(12110916)
397678.26	3767531.08	8.95617	(12110916)	397718.26	3767531.08	7.74202	(12110916)
397320.82	3767219.11	49.14274	(15122516)	397330.82	3767209.11	55.08557	(15111616)
397340.82	3767189.11	68.68759	(15111616)	397340.82	3767199.11	61.60152	(15111616)
397340.82	3767209.11	55.43604	(15122516)	397350.82	3767189.11	65.78111	(15111616)
397350.82	3767199.11	58.33914	(15121416)	397360.82	3767189.11	58.35908	(15111616)
397360.82	3767199.11	52.37322	(15111616)	397370.82	3767189.11	42.63665	(15111616)
397380.82	3767189.11	32.74767	(15121416)	396920.42	3767167.32	19.00376	(11110216)
396989.95	3767243.54	23.41482	(10100616)	397044.10	3767223.97	27.09762	(10100516)
397113.57	3767239.93	55.68374	(11082916)	397158.63	3767280.29	45.10172	(16082516)
397168.95	3767307.05	39.59808	(16121616)	397244.05	3767296.72	39.66081	(16070416)
397260.95	3767278.88	28.31201	(10030916)	397409.74	3767205.66	26.06868	(15121416)

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       397422.89   3767189.23       27.30825  (15121416)                397426.64
 3767180.78       27.83324  (15121416)
       397420.54   3767170.46       29.00890  (15121416)                397318.68
 3767160.13       48.52694  (15111616)
       397022.98   3767083.62       73.93700  (16122816)                396943.60
 3767192.73       19.99466  (11110216)
       396966.77   3767218.13       20.57720  (11110216)                397017.03
 3767233.75       25.01343  (10100516)
       397078.83   3767231.95       33.20784  (11051316)                397136.10
 3767260.11       53.39897  (16062116)
       397206.50   3767301.88       36.10490m (11072516)                397298.15
 3767260.58       43.05329  (10030916)
       397335.34   3767242.27       32.65761  (15122516)                397372.54
 3767223.96       27.85985  (15111616)
       397386.59   3767167.02       32.14035  (15121416)                397352.63
 3767163.57       67.32554  (15111616)
       397276.44   3767149.20       52.02302  (15111616)                397234.19
 3767138.27       47.65819  (15121416)
       397191.95   3767127.34       39.02682  (15121416)                397149.71
 3767116.41       40.37855  (10010408)
       397107.47   3767105.48       46.99975  (16122816)                397065.22
 3767094.55       57.01974  (16122816)
       396988.79   3767111.52       66.74599  (10121716)                396954.61
 3767139.42       31.36063  (12012316)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  87
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
 -

396558.26   3766771.08   5.30572m (15051008)   396598.26
3766771.08   5.76914m (15051008)
396638.26   3766771.08   6.31630m (15051008)   396678.26
3766771.08   6.87242m (15051008)
396718.26   3766771.08   7.46399m (15051008)   396758.26
3766771.08   8.07821m (15051008)
396798.26   3766771.08   8.69838m (15051008)   396838.26
3766771.08   9.36935m (15051008)
396878.26   3766771.08   10.04208m (15051008)   396918.26
3766771.08   10.69967m (15051008)
396958.26   3766771.08   11.30333m (15051008)   396998.26
3766771.08   11.80967m (15051008)
397038.26   3766771.08   12.19258m (15051008)   397078.26
3766771.08   12.42681m (15051008)
397118.26   3766771.08   12.48735m (15051008)   397158.26
3766771.08   12.36971m (15051008)
397198.26   3766771.08   12.12890m (15051008)   397238.26
3766771.08   11.77205m (15051008)
397278.26   3766771.08   11.31259m (15051008)   397318.26
3766771.08   10.77288m (15051008)
397358.26   3766771.08   10.17492m (15051008)   397398.26
3766771.08   9.55184m (15051008)
397438.26   3766771.08   8.91721m (15051008)   397478.26
3766771.08   8.29420m (15051008)
397518.26   3766771.08   7.69445m (15051008)   397558.26
3766771.08   7.12618m (15051008)
397598.26   3766771.08   6.59548m (15051008)   397638.26
3766771.08   6.10464m (15051008)
397678.26   3766771.08   5.65336m (15051008)   397718.26
3766771.08   5.23963m (15051008)
396558.26   3766811.08   5.61887m (15051008)   396598.26
3766811.08   6.12592m (15051008)
396638.26   3766811.08   6.76273m (15051008)   396678.26
3766811.08   7.43401m (15051008)
396718.26   3766811.08   8.12964m (15051008)   396758.26
3766811.08   8.85577m (15051008)
396798.26   3766811.08   9.67044m (15051008)   396838.26
3766811.08   10.53440m (15051008)
396878.26   3766811.08   11.41788m (15051008)   396918.26
3766811.08   12.29731m (15051008)
396958.26   3766811.08   13.11861m (15051008)   396998.26
3766811.08   13.81915m (15051008)
397038.26   3766811.08   14.34712m (15051008)   397078.26
3766811.08   14.66696m (15051008)
397118.26   3766811.08   14.78174m (15051008)   397158.26
3766811.08   14.65303m (15051008)
397198.26   3766811.08   14.28789m (15051008)   397238.26

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 3766811.08       13.74665m (15051008)
       397278.26   3766811.08       13.08940m (15051008)                397318.26
 3766811.08       12.35737m (15051008)
       397358.26   3766811.08       11.57145m (15051008)                397398.26
 3766811.08       10.75969m (15051008)
       397438.26   3766811.08        9.95039m (15051008)                397478.26
 3766811.08        9.17015m (15051008)
       397518.26   3766811.08        8.43110m (15051008)                397558.26
 3766811.08        7.74372m (15051008)
       397598.26   3766811.08        7.11248m (15051008)                397638.26
 3766811.08        6.53757m (15051008)
       397678.26   3766811.08        6.01683m (15051008)                397718.26
 3766811.08        5.54642m (15051008)
       396558.26   3766851.08        5.95166m (15051008)                396598.26
 3766851.08        6.50809m (15051008)
       396638.26   3766851.08        7.18359m (15051008)                396678.26
 3766851.08        7.97451m (15051008)
       396718.26   3766851.08        8.82254m (15051008)                396758.26
 3766851.08        9.74599m (15051008)
       396798.26   3766851.08       10.78020m (15051008)                396838.26
 3766851.08       11.90556m (15051008)
       396878.26   3766851.08       13.10007m (15051008)                396918.26
 3766851.08       14.28370m (15051008)
       396958.26   3766851.08       15.42387m (15051008)                396998.26
 3766851.08       16.41787m (15051008)
       397038.26   3766851.08       17.16550m (15051008)                397078.26
 3766851.08       17.64008m (15051008)
       397118.26   3766851.08       17.79877m (15051008)                397158.26
 3766851.08       17.60728m (15051008)
       397198.26   3766851.08       17.09397m (15051008)                397238.26
 3766851.08       16.34821m (15051008)
       397278.26   3766851.08       15.40907m (15051008)                397318.26
 3766851.08       14.33951m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  88
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
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, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	13.26707m	(15051008)	397398.26	3766851.08	12.19451m	(15051008)
397438.26	3766851.08	11.15300m	(15051008)	397478.26	3766851.08	10.16599m	(15051008)
397518.26	3766851.08	9.25144m	(15051008)	397558.26	3766851.08	8.41785m	(15051008)
397598.26	3766851.08	7.66643m	(15051008)	397638.26	3766851.08	6.99374m	(15051008)
397678.26	3766851.08	6.39364m	(15051008)	397718.26	3766851.08	5.85926m	(15051008)
396558.26	3766891.08	6.28147m	(15051008)	396598.26	3766891.08	6.90698m	(15051008)
396638.26	3766891.08	7.67179m	(15051008)	396678.26	3766891.08	8.59136m	(15051008)
396718.26	3766891.08	9.60171m	(15051008)	396758.26	3766891.08	10.75283m	(15051008)
396798.26	3766891.08	12.06256m	(15051008)	396838.26	3766891.08	13.52887m	(15051008)
396878.26	3766891.08	15.14841m	(15051008)	396918.26	3766891.08	16.78666m	(15051008)
396958.26	3766891.08	18.42456m	(15051008)	396998.26	3766891.08	19.87624m	(15051008)
397038.26	3766891.08	20.99073m	(15051008)	397078.26	3766891.08	21.73376m	(15051008)
397118.26	3766891.08	21.91515m	(15051008)	397158.26	3766891.08	21.54091m	(15051008)
397198.26	3766891.08	20.82807m	(15051008)	397238.26	3766891.08	19.72210m	(15051008)
397278.26	3766891.08	18.39479m	(15051008)	397318.26	3766891.08	16.93494m	(15051008)
397358.26	3766891.08	15.40185m	(15051008)	397398.26	3766891.08	13.91701m	(15051008)
397438.26	3766891.08	12.54931m	(15051008)	397478.26	3766891.08	11.29310m	(15051008)
397518.26	3766891.08	10.15988m	(15051008)	397558.26	3766891.08	9.14690m	(15051008)
397598.26	3766891.08	8.25314m	(15051008)	397638.26	3766891.08	7.46782m	(15051008)

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       397678.26   3766891.08        6.77881m (15051008)                397718.26
 3766891.08        6.17480m (15051008)
       396558.26   3766931.08        6.61509m (15051008)                396598.26
 3766931.08        7.32433m (15051008)
       396638.26   3766931.08        8.20693m (15051008)                396678.26
 3766931.08        9.21948m (15051008)
       396718.26   3766931.08       10.44566m (15051008)                396758.26
 3766931.08       11.86672m (15051008)
       396798.26   3766931.08       13.53393m (15051008)                396838.26
 3766931.08       15.46078m (15051008)
       396878.26   3766931.08       17.64790m (15051008)                396918.26
 3766931.08       20.03623m (15051008)
       396958.26   3766931.08       22.46600m (15051008)                396998.26
 3766931.08       24.70942m (15051008)
       397038.26   3766931.08       26.50095m (15051008)                397078.26
 3766931.08       27.56208m (15051008)
       397118.26   3766931.08       27.77255m (15051008)                397158.26
 3766931.08       27.16437m (15051008)
       397198.26   3766931.08       25.95682m (15051008)                397238.26
 3766931.08       24.27996m (15051008)
       397278.26   3766931.08       22.29025m (15051008)                397318.26
 3766931.08       20.19757m (15051008)
       397358.26   3766931.08       18.12594m (15051008)                397398.26
 3766931.08       16.07757m (15051008)
       397438.26   3766931.08       14.20326m (15051008)                397478.26
 3766931.08       12.57272m (15051008)
       397518.26   3766931.08       11.16010m (15051008)                397558.26
 3766931.08        9.92540m (15051008)
       397598.26   3766931.08        8.86377m (15051008)                397638.26
 3766931.08        7.95095m (15051008)
       397678.26   3766931.08        7.16439m (15051008)                397718.26
 3766931.08        6.48779m (15051008)
       396558.26   3766971.08        6.93134m (15051008)                396598.26
 3766971.08        7.72734m (15051008)
       396638.26   3766971.08        8.70204m (15051008)                396678.26
 3766971.08        9.86886m (15051008)
       396718.26   3766971.08       11.30156m (15051008)                396758.26
 3766971.08       13.04561m (15051008)
       396798.26   3766971.08       15.16776m (15051008)                396838.26
 3766971.08       17.75736m (15051008)
       396878.26   3766971.08       20.80945m (15051008)                396918.26
 3766971.08       24.34282m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  89
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	28.17372m	(15051008)	396998.26	3766971.08	31.92820m	(15051008)
397038.26	3766971.08	34.85731m	(15051008)	397078.26	3766971.08	36.39122m	(15051008)
397118.26	3766971.08	36.48406m	(15051008)	397158.26	3766971.08	35.30707m	(15051008)
397198.26	3766971.08	33.23702m	(15051008)	397238.26	3766971.08	30.58002m	(15051008)
397278.26	3766971.08	27.57455m	(15051008)	397318.26	3766971.08	24.48799m	(15051008)
397358.26	3766971.08	21.42900m	(15051008)	397398.26	3766971.08	18.64635m	(15051008)
397438.26	3766971.08	16.16272m	(15051008)	397478.26	3766971.08	14.02177m	(15051008)
397518.26	3766971.08	12.23563m	(15051008)	397558.26	3766971.08	10.73766m	(15051008)
397598.26	3766971.08	9.48452m	(15051008)	397638.26	3766971.08	8.43018m	(15051008)
397678.26	3766971.08	7.53840m	(15051008)	397718.26	3766971.08	6.78688m	(15051008)
396558.26	3767011.08	7.22333m	(15051008)	396598.26	3767011.08	8.08873m	(15051008)
396638.26	3767011.08	9.17323m	(15051008)	396678.26	3767011.08	10.50947m	(15051008)
396718.26	3767011.08	12.16249m	(15051008)	396758.26	3767011.08	14.26122m	(15051008)
396798.26	3767011.08	16.93628m	(15051008)	396838.26	3767011.08	20.38850m	(15051008)
396878.26	3767011.08	24.78161m	(15051008)	396918.26			

3767011.08 30.29439m (15051008)
396958.26 3767011.08 36.70746m (15051008) 396998.26
3767011.08 43.56403m (15051008)
397038.26 3767011.08 48.77599m (15051008) 397078.26
3767011.08 51.00557m (15051008)
397118.26 3767011.08 50.46060m (15051008) 397158.26
3767011.08 47.91210m (15051008)
397198.26 3767011.08 44.19218m (15051008) 397238.26
3767011.08 39.77127m (15051008)
397278.26 3767011.08 35.04277m (15051008) 397318.26
3767011.08 30.26959m (15051008)
397358.26 3767011.08 25.66550m (15051008) 397398.26
3767011.08 21.61335m (15051008)
397438.26 3767011.08 18.36029m (15051008) 397478.26
3767011.08 15.59324m (15051008)
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3767011.08 11.55851m (15051008)
397598.26 3767011.08 10.09300m (15051008) 397638.26
3767011.08 8.89057m (15051008)
397678.26 3767011.08 7.89187m (15051008) 397718.26
3767011.08 7.06358m (15051008)
396558.26 3767051.08 7.47235m (15051008) 396598.26
3767051.08 8.42435m (15051008)
396638.26 3767051.08 9.58593m (15051008) 396678.26
3767051.08 11.08069m (15051008)
396718.26 3767051.08 12.97553m (15051008) 396758.26
3767051.08 15.43763m (15051008)
396798.26 3767051.08 18.74114m (15051008) 396838.26
3767051.08 23.26520m (15051008)
396878.26 3767051.08 29.64454m (15051008) 396918.26
3767051.08 38.70591m (15051008)
396958.26 3767051.08 50.93473m (15051008) 396998.26
3767051.08 65.67805m (15051008)
397038.26 3767051.08 76.97188m (15051008) 397078.26
3767051.08 79.06972m (15051008)
397118.26 3767051.08 75.51605m (15051008) 397158.26
3767051.08 69.31848m (15051008)
397198.26 3767051.08 62.01926m (15051008) 397238.26
3767051.08 54.20631m (15051008)
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3767051.08 38.53595m (15051008)
397358.26 3767051.08 31.37715m (15051008) 397398.26
3767051.08 25.30810m (15051008)
397438.26 3767051.08 20.77281m (15051008) 397478.26
3767051.08 17.23468m (15051008)
397518.26 3767051.08 14.49637m (15051008) 397558.26
3767051.08 12.36171m (15051008)
397598.26 3767051.08 10.66847m (15051008) 397638.26
3767051.08 9.31187m (15051008)
397678.26 3767051.08 8.21084m (15051008) 397718.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        396558.26   3767091.08   7.67974m (15051008)   396598.26   3767091.08   8.70983m (15051008)
        396638.26   3767091.08   9.94117m (15051008)   396678.26   3767091.08   11.52552m (15051008)
        396718.26   3767091.08   13.63635m (15051008)   396758.26   3767091.08   16.45440m (15051008)
        396798.26   3767091.08   20.36574m (15051008)   396838.26   3767091.08   26.11018m (15051008)
        396878.26   3767091.08   35.05790m (15051008)   396918.26   3767091.08   50.06727m (15051008)
        396958.26   3767091.08   76.32886m (15051008)   396998.26   3767091.08   128.14782m (15051008)
        397078.26   3767091.08   152.17228m (15051008)   397118.26   3767091.08   131.53343m (15051008)
        397158.26   3767091.08   112.45897m (15051008)   397198.26   3767091.08   95.34648m (15051008)
        397238.26   3767091.08   79.94926m (15051008)   397278.26   3767091.08   65.67758m (15051008)
        397318.26   3767091.08   51.65006m (15051008)   397358.26   3767091.08   39.18718m (15051008)

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       397398.26   3767091.08       29.77521m (15051008)                397438.26
3767091.08       23.28510m (15051008)
       397478.26   3767091.08       18.99055  (15111608)                397518.26
3767091.08       16.18385  (15111608)
       397558.26   3767091.08       14.47818  (15111608)                397598.26
3767091.08       11.15306m (15051008)
       397638.26   3767091.08        9.67238m (15051008)                397678.26
3767091.08        8.47734m (15051008)
       397718.26   3767091.08        7.50495m (15051008)                396558.26
3767131.08        7.82739m (15051008)
       396598.26   3767131.08        8.89820m (15051008)                396638.26
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       396678.26   3767131.08       11.84711m (15051008)                396718.26
3767131.08       14.06112m (15051008)
       396758.26   3767131.08       17.13984m (15051008)                396798.26
3767131.08       21.54258m (15051008)
       396838.26   3767131.08       28.30657m (15051008)                396878.26
3767131.08       40.03119m (15051008)
       396918.26   3767131.08       64.43366m (15051008)                396958.26
3767131.08      135.10858m (15051008)
       397238.26   3767131.08      142.48855m (15051008)                397278.26
3767131.08      110.54197m (15051008)
       397318.26   3767131.08       78.57369m (15051008)                397358.26
3767131.08       50.38330m (15051008)
       397398.26   3767131.08       34.52838m (15051008)                397438.26
3767131.08       25.82046  (15111608)
       397478.26   3767131.08       23.78054  (15111608)                397518.26
3767131.08       19.77466  (15111608)
       397558.26   3767131.08       16.68167  (15111608)                397598.26
3767131.08       13.09774  (15111608)
       397638.26   3767131.08        9.93223m (15051008)                397678.26
3767131.08        8.67017m (15051008)
       397718.26   3767131.08        7.64877m (15051008)                396558.26
3767171.08        7.90529m (15051008)
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3767171.08       10.34957m (15051008)
       396678.26   3767171.08       12.03657m (15051008)                396718.26
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       396758.26   3767171.08       17.36650m (15051008)                396798.26
3767171.08       21.97833m (15051008)
       396838.26   3767171.08       29.16407m (15051008)                396878.26
3767171.08       42.07837m (15051008)
       396918.26   3767171.08       73.11508m (15051008)                397438.26
3767171.08       28.76429  (15111608)
       397478.26   3767171.08       23.54334  (15111608)                397518.26
3767171.08       17.86631  (15111608)
       397558.26   3767171.08       14.00049  (15111608)                397598.26
3767171.08       11.73371m (15051008)
       397638.26   3767171.08       10.07971m (15051008)                397678.26
3767171.08        8.77549m (15051008)
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       397718.26   3767171.08        7.72772m (15051008)                396558.26
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 3767211.08       10.32146m (15051008)
       396678.26   3767211.08       12.03688m (15051008)                396718.26
 3767211.08       14.17828m (15051008)
       396758.26   3767211.08       17.14946m (15051008)                396798.26
 3767211.08       21.51165m (15051008)
       396838.26   3767211.08       28.26129m (15051008)                396878.26
 3767211.08       39.42510m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  91
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08       60.90084m (15051008)                396958.26
 3767211.08      107.82610m (15051008)
       397438.26   3767211.08       36.29505m (10042924)                397478.26
 3767211.08       28.59557m (10042924)
       397518.26   3767211.08       20.46803m (10042924)                397558.26
 3767211.08       15.23400  (16013124)
       397598.26   3767211.08       11.76555m (15051008)                397638.26
 3767211.08       10.09897m (15051008)
       397678.26   3767211.08        8.78830m (15051008)                397718.26
 3767211.08        7.73704m (15051008)
       396558.26   3767251.08        7.81306m (15051008)                396598.26
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3767251.08 8.86523m (15051008)
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3767251.08 11.81553m (15051008)
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3767251.08 16.56003m (15051008)
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3767251.08 26.02203m (15051008)
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3767251.08 91.79845m (15051008)
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3767251.08 151.57213m (15051008)
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3767251.08 38.99381 (15111524)
397438.26 3767251.08 32.42842 (15111524) 397478.26
3767251.08 28.99752 (15111524)
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3767251.08 20.41085 (15111524)
397598.26 3767251.08 16.65074 (16013124) 397638.26
3767251.08 12.86297 (16013124)
397678.26 3767251.08 10.70764 (16013124) 397718.26
3767251.08 8.98081 (16013124)
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3767291.08 9.76399 (12031108)
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3767291.08 11.39288m (15051008)
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3767291.08 15.69125m (15051008)
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3767291.08 23.42376m (15051008)
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3767291.08 42.26661 (11021608)
396958.26 3767291.08 48.74829 (10111924) 396998.26
3767291.08 54.77367m (15051008)
397038.26 3767291.08 57.72828m (15051008) 397078.26
3767291.08 70.20305m (15051008)
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3767291.08 181.91097m (15051008)
397278.26 3767291.08 88.35603m (15051008) 397318.26
3767291.08 65.49199m (12050224)
397358.26 3767291.08 53.62371 (15042424) 397398.26
3767291.08 39.22661 (15042424)
397438.26 3767291.08 31.46873 (15052324) 397478.26
3767291.08 28.25214 (15052324)
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3767291.08 21.63034 (15060108)
397598.26 3767291.08 19.54888 (15060108) 397638.26

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 3767291.08       16.67463  (16013124)
       397678.26   3767291.08       12.94870  (16013124)                397718.26
 3767291.08       10.68552  (16013124)
       396558.26   3767331.08       12.65796  (15032208)                396598.26
 3767331.08       13.39865  (15021708)
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 3767331.08       12.64553  (10111924)
       396718.26   3767331.08       12.56994m (15051008)                396758.26
 3767331.08       14.65183m (15051008)
       396798.26   3767331.08       17.29584m (15051008)                396838.26
 3767331.08       20.81055m (15051008)
       396878.26   3767331.08       25.61891  (11021608)                396918.26
 3767331.08       37.91868  (11021608)
       396958.26   3767331.08       40.56474  (11021608)                396998.26
 3767331.08       45.19685  (10100424)
       397038.26   3767331.08       46.24269  (10100424)                397078.26
 3767331.08       48.36109m (15051008)
       397118.26   3767331.08       58.09602m (15051008)                397158.26
 3767331.08       73.76768m (16081408)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  92
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08       79.02892  (16123108)                397238.26
 3767331.08       70.92264m (15051008)
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       397278.26   3767331.08       63.61806  (15101424)                397318.26
3767331.08       55.08100  (15042424)
       397358.26   3767331.08       47.66456  (15042424)                397398.26
3767331.08       39.13343  (15042424)
       397438.26   3767331.08       33.41068  (15042424)                397478.26
3767331.08       28.22691  (16080124)
       397518.26   3767331.08       24.67212  (15052324)                397558.26
3767331.08       22.18514  (15052324)
       397598.26   3767331.08       19.76421  (15052324)                397638.26
3767331.08       17.97375  (15052324)
       397678.26   3767331.08       14.86673  (16013124)                397718.26
3767331.08       12.11472  (16013124)
       396558.26   3767371.08       12.45094  (15021708)                396598.26
3767371.08       13.02059  (15021708)
       396638.26   3767371.08       13.00822  (10072108)                396678.26
3767371.08       11.59403  (11021608)
       396718.26   3767371.08       11.74427m (15051008)                396758.26
3767371.08       13.51976m (15051008)
       396798.26   3767371.08       15.66744m (15051008)                396838.26
3767371.08       18.36630m (15051008)
       396878.26   3767371.08       21.73167m (15051008)                396918.26
3767371.08       31.95672  (11021608)
       396958.26   3767371.08       34.57196  (11021608)                396998.26
3767371.08       38.49177  (10100424)
       397038.26   3767371.08       39.91817  (10102824)                397078.26
3767371.08       39.04376  (15032308)
       397118.26   3767371.08       45.12803  (10120424)                397158.26
3767371.08       49.80921  (16123108)
       397198.26   3767371.08       56.90112  (16012224)                397238.26
3767371.08       56.08350m (10042424)
       397278.26   3767371.08       51.35065  (15101424)                397318.26
3767371.08       46.10443m (12081408)
       397358.26   3767371.08       41.11339  (16090924)                397398.26
3767371.08       35.72464  (15042424)
       397438.26   3767371.08       32.94668  (15042424)                397478.26
3767371.08       29.36328  (15042424)
       397518.26   3767371.08       25.48271  (15042424)                397558.26
3767371.08       22.56099  (16080124)
       397598.26   3767371.08       20.38117  (15052324)                397638.26
3767371.08       18.73572  (15052324)
       397678.26   3767371.08       17.32664  (15052324)                397718.26
3767371.08       13.85138  (15052324)
       396558.26   3767411.08       12.99496  (10072108)                396598.26
3767411.08       13.06171  (10072108)
       396638.26   3767411.08       11.91541  (11021608)                396678.26
3767411.08        9.61797m (15051008)
       396718.26   3767411.08       10.89084m (15051008)                396758.26
3767411.08       12.38000m (15051008)
       396798.26   3767411.08       14.11664m (15051008)                396838.26
3767411.08       16.21343m (15051008)
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       396878.26   3767411.08       18.68718m (15051008)                396918.26
 3767411.08       25.58438  (11021608)
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 3767411.08       33.75452  (10100424)
       397038.26   3767411.08       32.53476m (10060508)                397078.26
 3767411.08       33.36004m (10060508)
       397118.26   3767411.08       37.12247  (10120424)                397158.26
 3767411.08       41.19502  (16012224)
       397198.26   3767411.08       47.08462  (16012224)                397238.26
 3767411.08       46.73922m (10042424)
       397278.26   3767411.08       43.99000m (10042424)                397318.26
 3767411.08       39.35460  (15101424)
       397358.26   3767411.08       38.35850m (12081408)                397398.26
 3767411.08       32.76168m (12081408)
       397438.26   3767411.08       29.52233  (15042424)                397478.26
 3767411.08       28.08936  (15042424)
       397518.26   3767411.08       25.80646  (15042424)                397558.26
 3767411.08       23.15277  (15042424)
       397598.26   3767411.08       20.60583  (16080124)                397638.26
 3767411.08       18.83253  (16080124)
       397678.26   3767411.08       17.14796  (15052324)                397718.26
 3767411.08       16.19502  (15052324)
       396558.26   3767451.08       13.76095  (10072108)                396598.26
 3767451.08       13.18777  (10072108)
       396638.26   3767451.08       12.51737  (11021608)                396678.26
 3767451.08       11.53585  (11021608)
       396718.26   3767451.08       10.53115  (11021608)                396758.26
 3767451.08       11.29200m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  93
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	12.68773m	(15051008)	396838.26	3767451.08	14.33347m	(15051008)
396878.26	3767451.08	16.16908m	(15051008)	396918.26	3767451.08	21.16107	(10102008)
396958.26	3767451.08	27.18290	(10102008)	396998.26	3767451.08	30.66915m	(10060508)
397038.26	3767451.08	31.53836m	(10060508)	397078.26	3767451.08	31.64442m	(10060508)
397118.26	3767451.08	32.68218	(10121524)	397158.26	3767451.08	35.55024	(16012224)
397198.26	3767451.08	39.94361	(16012224)	397238.26	3767451.08	40.00912	(16012224)
397278.26	3767451.08	39.40320m	(10042424)	397318.26	3767451.08	35.23289	(10100324)
397358.26	3767451.08	33.84236m	(12081408)	397398.26	3767451.08	31.72148m	(12081408)
397438.26	3767451.08	28.35976m	(12081408)	397478.26	3767451.08	25.63385	(16070924)
397518.26	3767451.08	24.28997	(15042424)	397558.26	3767451.08	22.96105	(15042424)
397598.26	3767451.08	21.21571	(15042424)	397638.26	3767451.08	19.01936	(15042424)
397678.26	3767451.08	17.30191	(16080124)	397718.26	3767451.08	16.11724	(16080124)
396558.26	3767491.08	13.63436	(10072108)	396598.26	3767491.08	13.28209	(11021608)
396638.26	3767491.08	14.83330	(11021608)	396678.26	3767491.08	16.39083	(11021608)
396718.26	3767491.08	16.34765	(11021608)	396758.26	3767491.08	10.27807m	(15051008)
396798.26	3767491.08	11.40361m	(15051008)	396838.26	3767491.08	12.68572m	(15051008)
396878.26	3767491.08	14.08011m	(15051008)	396918.26	3767491.08	17.82162	(10102008)
396958.26	3767491.08	23.12330	(10102008)	396998.26	3767491.08	28.51032m	(10060508)
397038.26	3767491.08	30.08450m	(10060508)	397078.26	3767491.08	29.80887m	(10060508)
397118.26	3767491.08	29.62258	(10121524)	397158.26	3767491.08	31.33160	(16012224)
397198.26	3767491.08	34.86152	(16123108)	397238.26	3767491.08	35.24987	(16123108)
397278.26	3767491.08	35.17566m	(10042424)	397318.26			

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 3767491.08       32.62493m (10042424)
       397358.26   3767491.08       29.12136  (15101424)                397398.26
 3767491.08       29.38171m (12081408)
       397438.26   3767491.08       27.87428m (12081408)                397478.26
 3767491.08       25.00493m (12081408)
       397518.26   3767491.08       22.83905  (16070924)                397558.26
 3767491.08       21.24998  (15042424)
       397598.26   3767491.08       20.68643  (15042424)                397638.26
 3767491.08       19.27236  (15042424)
       397678.26   3767491.08       17.55142  (15042424)                397718.26
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       396558.26   3767531.08       13.66395  (10072108)                396598.26
 3767531.08       14.12409  (10072108)
       396638.26   3767531.08       15.55069  (11021608)                396678.26
 3767531.08       16.78881  (11021608)
       396718.26   3767531.08       16.71794  (11021608)                396758.26
 3767531.08        9.35234m (15051008)
       396798.26   3767531.08       10.26557m (15051008)                396838.26
 3767531.08       11.27702m (15051008)
       396878.26   3767531.08       12.33526m (15051008)                396918.26
 3767531.08       13.52497  (10102008)
       396958.26   3767531.08       18.93119  (10122008)                396998.26
 3767531.08       25.41733m (10060508)
       397038.26   3767531.08       28.56472m (10060508)                397078.26
 3767531.08       28.53909m (10060508)
       397118.26   3767531.08       27.40721  (11020724)                397158.26
 3767531.08       27.95294  (15063008)
       397198.26   3767531.08       30.93231  (16123108)                397238.26
 3767531.08       31.53184  (16123108)
       397278.26   3767531.08       31.41521m (10042424)                397318.26
 3767531.08       30.31385m (10042424)
       397358.26   3767531.08       27.77431  (10100324)                397398.26
 3767531.08       25.51775m (12081408)
       397438.26   3767531.08       25.47785m (12081408)                397478.26
 3767531.08       24.29460m (12081408)
       397518.26   3767531.08       22.20237m (12081408)                397558.26
 3767531.08       20.60668  (16070924)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  94
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397598.26   3767531.08       19.55728  (16070924)               397638.26
 3767531.08       18.38541  (15042424)
        397678.26   3767531.08       17.34395  (15042424)               397718.26
 3767531.08       16.18627  (15042424)
        397320.82   3767219.11      107.20557m (15051008)               397330.82
 3767209.11       96.52102m (15051008)
        397340.82   3767189.11       88.87290m (15051008)               397340.82
 3767199.11       84.75424m (15051008)
        397340.82   3767209.11       80.20466m (15051008)               397350.82
 3767189.11       72.37778m (15051008)
        397350.82   3767199.11       70.62183m (15051008)               397360.82
 3767189.11       61.15676m (15051008)
        397360.82   3767199.11       60.36710m (15051008)               397370.82
 3767189.11       53.00797m (15051008)
        397380.82   3767189.11       46.78035m (15051008)               396920.42
 3767167.32       76.53040m (15051008)
        396989.95   3767243.54       97.76588m (15051008)               397044.10
 3767223.97      231.93013m (15051008)
        397113.57   3767239.93      245.20607m (15051008)               397158.63
 3767280.29      206.07655m (15051008)
        397168.95   3767307.05      134.18665m (15051008)               397244.05
 3767296.72      132.05399m (15051008)
        397260.95   3767278.88      142.58270m (15051008)               397409.74
 3767205.66       37.81360m (10042924)
        397422.89   3767189.23       31.76066m (10042924)               397426.64
 3767180.78       30.90824  (15111608)
        397420.54   3767170.46       31.19195m (15051008)               397318.68
 3767160.13      133.88823m (15051008)
        397022.98   3767083.62      135.39241m (15051008)               396943.60
 3767192.73      105.00808m (15051008)
        396966.77   3767218.13      111.34665m (15051008)               397017.03
 3767233.75      169.79041m (15051008)
        397078.83   3767231.95      239.98446m (15051008)               397136.10
 3767260.11      226.06777m (15051008)
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       397206.50   3767301.88      145.41929m (15051008)                397298.15
 3767260.58       98.31108m (15051008)
       397335.34   3767242.27       68.94891m (15051008)                397372.54
 3767223.96       49.80809  (16013124)
       397386.59   3767167.02       42.69324m (15051008)                397352.63
 3767163.57       66.93426m (15051008)
       397276.44   3767149.20      169.78884m (15051008)                397234.19
 3767138.27      170.73483m (15051008)
       397191.95   3767127.34      179.36424m (15051008)                397149.71
 3767116.41      186.96638m (15051008)
       397107.47   3767105.48      185.69887m (15051008)                397065.22
 3767094.55      171.64380m (15051008)
       396988.79   3767111.52      146.38933m (15051008)                396954.61
 3767139.42      146.40141m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  95
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08        8.72674  (10020516)               396598.26
 3766771.08       10.07384  (10020516)
       396638.26   3766771.08       11.37430  (10020516)               396678.26
 3766771.08       12.31135  (10020516)
       396718.26   3766771.08       13.96003m (16012908)               396758.26
 3766771.08       15.19626m (16012908)
       396798.26   3766771.08       15.41927  (16010808)               396838.26
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3766771.08 16.80155 (16121408)
396878.26 3766771.08 17.98179 (16121408) 396918.26
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3766771.08 20.04421 (16122308)
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3766771.08 19.25470 (16122908)
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 3766851.08       21.70697  (16122908)
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       397278.26   3766851.08       19.58905  (10012708)                397318.26
 3766851.08       18.35769  (10012708)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  96
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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3766931.08 25.82302 (10020516)

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       397198.26   3766931.08       32.38506  (10012708)                397238.26
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       397278.26   3766931.08       28.61533  (10012708)                397318.26
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       396798.26   3766971.08       24.54310  (10020516)                396838.26
 3766971.08       29.09255  (10020516)
       396878.26   3766971.08       32.11906  (10020516)                396918.26
 3766971.08       33.89542m (16012908)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  97
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	37.80314	(16010808)	396998.26	3766971.08	42.04060	(16121408)
397038.26	3766971.08	45.08348	(16122308)	397078.26	3766971.08	44.83112	(16122308)
397118.26	3766971.08	45.62616	(10012708)	397158.26	3766971.08	49.18557	(10012708)
397198.26	3766971.08	45.13913	(10012708)	397238.26	3766971.08	39.09892	(10012708)
397278.26	3766971.08	33.72960	(10012708)	397318.26	3766971.08	27.50343m	(10020408)
397358.26	3766971.08	28.93563	(11011308)	397398.26	3766971.08	23.20289	(15122508)
397438.26	3766971.08	21.86811	(15122508)	397478.26	3766971.08	20.12583	(15122508)
397518.26	3766971.08	18.35704	(15122508)	397558.26	3766971.08	17.17335	(15122508)
397598.26	3766971.08	15.43087	(15122508)	397638.26	3766971.08	13.85149	(15121416)
397678.26	3766971.08	12.92681	(15121416)	397718.26	3766971.08	11.99351	(15121416)
396558.26	3767011.08	8.64095	(11021816)	396598.26	3767011.08	10.06934	(11021816)
396638.26	3767011.08	11.88171	(11021816)	396678.26	3767011.08	14.15516	(11021816)
396718.26	3767011.08	16.49605	(11021816)	396758.26	3767011.08	19.05676	(11021816)
396798.26	3767011.08	23.32009	(10020516)	396838.26	3767011.08	30.29419	(10020516)
396878.26	3767011.08	36.85182	(10020516)	396918.26	3767011.08	41.22027	(10020516)
396958.26	3767011.08	45.48770m	(16012908)	396998.26	3767011.08	52.85696c	(16012008)
397038.26	3767011.08	58.00598c	(16012008)	397078.26	3767011.08	61.57016	(15021008)
397118.26	3767011.08	64.21404	(10012708)	397158.26	3767011.08	73.14930	(10012708)
397198.26	3767011.08	69.18846	(10012708)	397238.26	3767011.08	55.51057	(10012708)
397278.26	3767011.08	42.54250	(10012708)	397318.26			

3767011.08 34.07288 (15122508)
  397358.26 3767011.08 32.17113 (11011308) 397398.26
3767011.08 29.09881 (15122508)
  397438.26 3767011.08 26.47788 (15122508) 397478.26
3767011.08 23.77583 (15122508)
  397518.26 3767011.08 21.07406 (15122508) 397558.26
3767011.08 18.90291 (15121416)
  397598.26 3767011.08 17.64418 (15121416) 397638.26
3767011.08 16.26584 (15121416)
  397678.26 3767011.08 14.84963 (15121416) 397718.26
3767011.08 13.58735 (15121416)
  396558.26 3767051.08 8.21285 (12012308) 396598.26
3767051.08 9.22458 (11021816)
  396638.26 3767051.08 10.96945 (11021816) 396678.26
3767051.08 13.19768 (11021816)
  396718.26 3767051.08 15.89283 (11021816) 396758.26
3767051.08 19.27958 (11021816)
  396798.26 3767051.08 23.18004 (11021816) 396838.26
3767051.08 28.10829 (10020516)
  396878.26 3767051.08 38.47695 (10020516) 396918.26
3767051.08 48.83713 (10020516)
  396958.26 3767051.08 56.02851 (15013008) 396998.26
3767051.08 75.92586c (16012008)
  397038.26 3767051.08 97.84049 (16122816) 397078.26
3767051.08 92.19808 (16122908)
  397118.26 3767051.08 85.03320 (10012708) 397158.26
3767051.08 83.62458 (10012708)
  397198.26 3767051.08 78.93761 (10012708) 397238.26
3767051.08 67.30354 (10012708)
  397278.26 3767051.08 60.01695 (15122508) 397318.26
3767051.08 55.85230 (15111616)
  397358.26 3767051.08 39.95626 (15122508) 397398.26
3767051.08 34.38772 (15122508)
  397438.26 3767051.08 29.73384 (15122508) 397478.26
3767051.08 26.87588 (15121416)
  397518.26 3767051.08 24.97184 (15121416) 397558.26
3767051.08 22.92906 (15121416)
  397598.26 3767051.08 20.75966 (15121416) 397638.26
3767051.08 18.65758 (15121416)
  397678.26 3767051.08 16.70696 (15121416) 397718.26
3767051.08 14.99503 (15121416)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396558.26   3767091.08   8.43643 (12012308)   396598.26
 3767091.08   9.56243 (12012308)
        396638.26   3767091.08   10.91010 (12012308)   396678.26
 3767091.08   12.50071 (12012308)
        396718.26   3767091.08   14.62851 (12012308)   396758.26
 3767091.08   17.30536 (12012308)
        396798.26   3767091.08   21.46609 (11021816)   396838.26
 3767091.08   27.48988 (11021816)
        396878.26   3767091.08   36.37394 (15021608)   396918.26
 3767091.08   51.96850 (15021608)
        396958.26   3767091.08   77.85765 (15122308)   396998.26
 3767091.08   133.02194 (15013008)
        397078.26   3767091.08   152.17228m (15051008)   397118.26
 3767091.08   131.53343m (15051008)
        397158.26   3767091.08   112.45897m (15051008)   397198.26
 3767091.08   99.42898 (10012708)
        397238.26   3767091.08   85.78558 (15122508)   397278.26
 3767091.08   77.58072 (15122508)
        397318.26   3767091.08   72.12831 (15121416)   397358.26
 3767091.08   48.41285 (15122508)
        397398.26   3767091.08   39.54525 (15121424)   397438.26
 3767091.08   36.50754 (15121416)
        397478.26   3767091.08   33.04357 (15121416)   397518.26
 3767091.08   29.43961 (15121416)
        397558.26   3767091.08   26.13123 (15121416)   397598.26
 3767091.08   23.06918 (15121416)
        397638.26   3767091.08   20.16545 (15121416)   397678.26
 3767091.08   17.66081 (15121416)
        397718.26   3767091.08   15.59158 (15121416)   396558.26
 3767131.08   9.09282 (11020924)

```
       396598.26   3767131.08       10.21155  (11020924)                396638.26
3767131.08       11.45474  (11020924)
       396678.26   3767131.08       12.76027  (11020924)                396718.26
3767131.08       14.69362  (12012308)
       396758.26   3767131.08       17.86524  (12012308)                396798.26
3767131.08       21.98895  (12012308)
       396838.26   3767131.08       28.57409  (15122308)                396878.26
3767131.08       40.41571  (15122308)
       396918.26   3767131.08       65.10153  (15122308)                396958.26
3767131.08      135.10858m (15051008)
       397238.26   3767131.08      142.48855m (15051008)                397278.26
3767131.08      111.53790  (15122508)
       397318.26   3767131.08       83.58534  (15121416)                397358.26
3767131.08       67.10185  (15121416)
       397398.26   3767131.08       50.24663  (15121416)                397438.26
3767131.08       43.22562  (15121416)
       397478.26   3767131.08       37.13030  (15121416)                397518.26
3767131.08       31.82313  (15121416)
       397558.26   3767131.08       27.39710  (15121416)                397598.26
3767131.08       23.64359  (15121416)
       397638.26   3767131.08       20.23042  (15121416)                397678.26
3767131.08       17.45565  (15121416)
       397718.26   3767131.08       15.26408  (15121416)                396558.26
3767171.08        9.48226  (11020924)
       396598.26   3767171.08       10.68341  (11020924)                396638.26
3767171.08       12.11950  (11020924)
       396678.26   3767171.08       13.63160  (11020924)                396718.26
3767171.08       15.48284  (11020924)
       396758.26   3767171.08       18.21114  (11020924)                396798.26
3767171.08       22.19742  (11020924)
       396838.26   3767171.08       29.16407m (15051008)                396878.26
3767171.08       42.07837m (15051008)
       396918.26   3767171.08       73.11508m (15051008)                397438.26
3767171.08       44.20913  (15121416)
       397478.26   3767171.08       36.44043  (15121416)                397518.26
3767171.08       30.49179  (15121416)
       397558.26   3767171.08       25.38083  (15121416)                397598.26
3767171.08       21.77455  (15121416)
       397638.26   3767171.08       18.82010  (15121416)                397678.26
3767171.08       16.33286  (15121416)
       397718.26   3767171.08       14.13271  (15121416)                396558.26
3767211.08        9.78553  (15021124)
       396598.26   3767211.08       11.08597  (15021124)                396638.26
3767211.08       12.57223  (15021124)
       396678.26   3767211.08       14.34185  (15021124)                396718.26
3767211.08       16.06290  (15021124)
       396758.26   3767211.08       18.59780  (15021124)                396798.26
3767211.08       22.44138  (15021124)
       396838.26   3767211.08       28.40181  (15021124)                396878.26
3767211.08       39.42510m (15051008)
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	60.90084m	(15051008)	396958.26	3767211.08	107.82610m	(15051008)
397438.26	3767211.08	43.39775	(15111608)	397478.26	3767211.08	35.47550	(15111608)
397518.26	3767211.08	27.65014	(15111608)	397558.26	3767211.08	21.29512	(15111608)
397598.26	3767211.08	18.32254	(15121416)	397638.26	3767211.08	15.97445	(15121416)
397678.26	3767211.08	13.93287	(15121416)	397718.26	3767211.08	12.11293	(15121416)
396558.26	3767251.08	9.59516	(15021124)	396598.26	3767251.08	10.80822	(15021124)
396638.26	3767251.08	12.21783	(15021124)	396678.26	3767251.08	13.86654	(15021124)
396718.26	3767251.08	15.59557	(15021124)	396758.26	3767251.08	17.49936	(15021124)
396798.26	3767251.08	21.17547	(10101408)	396838.26	3767251.08	26.72291	(10101408)
396878.26	3767251.08	34.99710	(10101408)	396918.26	3767251.08	47.62963m	(15051008)
396958.26	3767251.08	66.54577m	(15051008)	396998.26			

3767251.08 91.79845m (15051008)
397038.26 3767251.08 115.25509m (15051008) 397078.26
3767251.08 151.57213m (15051008)
397118.26 3767251.08 232.97861m (15051008) 397318.26
3767251.08 86.39604 (16092324)
397358.26 3767251.08 64.22257 (11072908) 397398.26
3767251.08 50.06210 (11072908)
397438.26 3767251.08 41.01472 (11072908) 397478.26
3767251.08 34.92665 (11072908)
397518.26 3767251.08 28.25915 (11062908) 397558.26
3767251.08 23.29160 (11062908)
397598.26 3767251.08 18.59046 (11062908) 397638.26
3767251.08 15.54695 (11012008)
397678.26 3767251.08 13.55150 (11012008) 397718.26
3767251.08 11.77532 (11012008)
396558.26 3767291.08 12.59040 (15021708) 396598.26
3767291.08 12.61090 (10101408)
396638.26 3767291.08 13.41480 (10101408) 396678.26
3767291.08 13.65605 (11112408)
396718.26 3767291.08 15.93704 (10101408) 396758.26
3767291.08 17.78724 (10101408)
396798.26 3767291.08 20.69749 (10101408) 396838.26
3767291.08 24.86545 (10101408)
396878.26 3767291.08 30.15078 (10100516) 396918.26
3767291.08 45.20956 (10111924)
396958.26 3767291.08 54.55083 (10111924) 396998.26
3767291.08 63.30220 (15021708)
397038.26 3767291.08 62.82166 (15021708) 397078.26
3767291.08 77.63364 (15082608)
397118.26 3767291.08 101.72378m (15051008) 397158.26
3767291.08 181.91097m (15051008)
397278.26 3767291.08 96.53337m (11112224) 397318.26
3767291.08 75.52856 (15101624)
397358.26 3767291.08 59.33354 (15042424) 397398.26
3767291.08 46.82137 (12110924)
397438.26 3767291.08 40.58310 (12110924) 397478.26
3767291.08 35.59336 (12110924)
397518.26 3767291.08 30.80838 (12110924) 397558.26
3767291.08 26.43094 (11072908)
397598.26 3767291.08 23.20615 (11072908) 397638.26
3767291.08 19.45028 (11072908)
397678.26 3767291.08 14.46199 (11022308) 397718.26
3767291.08 12.04475 (11022308)
396558.26 3767331.08 15.49045 (15021708) 396598.26
3767331.08 16.91085 (15021708)
396638.26 3767331.08 17.88557 (15021708) 396678.26
3767331.08 15.31984 (10101408)
396718.26 3767331.08 14.80951 (10101408) 396758.26
3767331.08 17.23181 (10100516)
396798.26 3767331.08 20.43980 (10100516) 396838.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       397198.26   3767331.08   96.28244 (10111824)   397238.26
3767331.08   87.70430 (16011924)
       397278.26   3767331.08   79.04872 (15101424)   397318.26
3767331.08   63.85852 (15042424)
       397358.26   3767331.08   55.89104 (15042424)   397398.26
3767331.08   46.67651 (15042424)
       397438.26   3767331.08   38.83242 (15042424)   397478.26
3767331.08   34.74826 (12110924)
       397518.26   3767331.08   31.46452 (12110924)   397558.26
3767331.08   28.13474 (12110924)
       397598.26   3767331.08   24.99291 (12110924)   397638.26
3767331.08   22.45965 (12110924)

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       397678.26   3767331.08       18.42673  (12110924)                397718.26
3767331.08       13.65416  (12110924)
       396558.26   3767371.08       15.38462  (15021708)                396598.26
3767371.08       16.01408  (15021708)
       396638.26   3767371.08       16.20844  (11021708)                396678.26
3767371.08       13.65448  (10100516)
       396718.26   3767371.08       16.43044  (10100516)                396758.26
3767371.08       19.05876  (10100516)
       396798.26   3767371.08       21.37491  (10100516)                396838.26
3767371.08       23.76340  (10100516)
       396878.26   3767371.08       26.34959  (10100516)                396918.26
3767371.08       36.91954  (11021608)
       396958.26   3767371.08       40.88828  (11021608)                396998.26
3767371.08       42.78760  (10051808)
       397038.26   3767371.08       42.81413  (10102824)                397078.26
3767371.08       48.55893  (10100408)
       397118.26   3767371.08       59.67111  (10100408)                397158.26
3767371.08       67.80694  (16012224)
       397198.26   3767371.08       72.52146  (16012224)                397238.26
3767371.08       69.27324  (10111824)
       397278.26   3767371.08       61.15973  (10111824)                397318.26
3767371.08       56.37566m (12081408)
       397358.26   3767371.08       49.78428m (12081408)                397398.26
3767371.08       44.05829  (15042424)
       397438.26   3767371.08       40.08649  (15042424)                397478.26
3767371.08       34.99510  (15042424)
       397518.26   3767371.08       29.95711  (16080124)                397558.26
3767371.08       27.54577  (12110924)
       397598.26   3767371.08       25.78081  (12110924)                397638.26
3767371.08       23.61289  (12110924)
       397678.26   3767371.08       21.58459  (12110924)                397718.26
3767371.08       17.80746  (12110924)
       396558.26   3767411.08       14.80405  (15021708)                396598.26
3767411.08       14.87547  (11021708)
       396638.26   3767411.08       13.98362  (10111924)                396678.26
3767411.08       14.83998  (10100516)
       396718.26   3767411.08       17.18357  (10100516)                396758.26
3767411.08       19.22380  (10100516)
       396798.26   3767411.08       20.67732  (10100516)                396838.26
3767411.08       21.88074  (10100516)
       396878.26   3767411.08       22.95109  (10100516)                396918.26
3767411.08       31.33157  (11021608)
       396958.26   3767411.08       35.37180  (11021608)                396998.26
3767411.08       36.03318  (10122008)
       397038.26   3767411.08       36.58736  (10122008)                397078.26
3767411.08       38.26480  (10061116)
       397118.26   3767411.08       47.69120  (10100408)                397158.26
3767411.08       53.10205  (10100408)
       397198.26   3767411.08       59.88629  (16012224)                397238.26
3767411.08       59.50422  (16012224)
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       397278.26   3767411.08       54.76472  (10111824)                397318.26
 3767411.08       47.70532m (12081408)
       397358.26   3767411.08       46.78191m (12081408)                397398.26
 3767411.08       40.84859m (12081408)
       397438.26   3767411.08       36.88850  (15042424)                397478.26
 3767411.08       34.62318  (15042424)
       397518.26   3767411.08       31.29597  (15042424)                397558.26
 3767411.08       27.60950  (15042424)
       397598.26   3767411.08       24.43436  (16080124)                397638.26
 3767411.08       22.79661  (12110924)
       397678.26   3767411.08       21.48227  (12110924)                397718.26
 3767411.08       20.06445  (12110924)
       396558.26   3767451.08       14.43874  (10072108)                396598.26
 3767451.08       14.40953  (10111924)
       396638.26   3767451.08       14.09548  (10111924)                396678.26
 3767451.08       15.03210  (10100516)
       396718.26   3767451.08       16.81169  (10100516)                396758.26
 3767451.08       18.12976  (10100516)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                  PAGE 101
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396798.26   3767451.08       18.86298  (10100516)                396838.26
 3767451.08       19.45309  (10100516)
       396878.26   3767451.08       19.76780  (15051308)                396918.26
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3767451.08 27.18147 (11021608)
396958.26 3767451.08 30.71060 (15051308) 396998.26
3767451.08 33.13105 (10122008)
397038.26 3767451.08 33.40653 (10122008) 397078.26
3767451.08 35.45036 (11020724)
397118.26 3767451.08 40.13855 (11020724) 397158.26
3767451.08 44.03818 (10100408)
397198.26 3767451.08 50.00353 (16012224) 397238.26
3767451.08 51.36408 (16012224)
397278.26 3767451.08 47.74842 (10111824) 397318.26
3767451.08 43.81431 (10111824)
397358.26 3767451.08 40.82411m (12081408) 397398.26
3767451.08 38.82765m (12081408)
397438.26 3767451.08 35.16905m (12081408) 397478.26
3767451.08 31.31825 (15042424)
397518.26 3767451.08 30.21115 (15042424) 397558.26
3767451.08 28.13952 (15042424)
397598.26 3767451.08 25.54653 (15042424) 397638.26
3767451.08 22.50832 (15042424)
397678.26 3767451.08 20.21214 (16080124) 397718.26
3767451.08 19.12006 (12110924)
396558.26 3767491.08 14.44424 (10072108) 396598.26
3767491.08 15.09533 (11021608)
396638.26 3767491.08 17.02145 (11021608) 396678.26
3767491.08 19.06167 (11021608)
396718.26 3767491.08 19.51168 (11021608) 396758.26
3767491.08 16.32469 (10100516)
396798.26 3767491.08 16.61097 (10100516) 396838.26
3767491.08 16.65504 (10100516)
396878.26 3767491.08 16.37443 (10100516) 396918.26
3767491.08 23.04672 (11021608)
396958.26 3767491.08 26.62992 (10102008) 396998.26
3767491.08 29.93466 (10122008)
397038.26 3767491.08 30.08450m (10060508) 397078.26
3767491.08 33.04267 (11020724)
397118.26 3767491.08 36.24843 (11020724) 397158.26
3767491.08 37.14764 (11020724)
397198.26 3767491.08 42.21520 (16012224) 397238.26
3767491.08 44.56804 (16012224)
397278.26 3767491.08 42.17226 (16012224) 397318.26
3767491.08 39.85738 (10111824)
397358.26 3767491.08 35.92377 (10111824) 397398.26
3767491.08 35.24896m (12081408)
397438.26 3767491.08 33.80922m (12081408) 397478.26
3767491.08 30.77085m (12081408)
397518.26 3767491.08 27.59409 (16090924) 397558.26
3767491.08 26.48884 (15042424)
397598.26 3767491.08 25.33730 (15042424) 397638.26
3767491.08 23.25287 (15042424)
397678.26 3767491.08 20.83290 (15042424) 397718.26

```
 3767491.08       18.56387  (15042424)
       396558.26   3767531.08       14.81797  (11021608)                396598.26
 3767531.08       16.64378  (11021608)
       396638.26   3767531.08       18.72653  (11021608)                396678.26
 3767531.08       20.54908  (11021608)
       396718.26   3767531.08       20.75261  (11021608)                396758.26
 3767531.08       14.18071  (10100516)
       396798.26   3767531.08       14.23205  (10100516)                396838.26
 3767531.08       14.03136  (10100516)
       396878.26   3767531.08       14.96668  (15051308)                396918.26
 3767531.08       18.48166  (11021608)
       396958.26   3767531.08       22.03400  (10102008)                396998.26
 3767531.08       25.84495  (10122008)
       397038.26   3767531.08       28.56472m (10060508)                397078.26
 3767531.08       31.46990  (11020724)
       397118.26   3767531.08       33.01803  (11020724)                397158.26
 3767531.08       33.15544  (11020724)
       397198.26   3767531.08       35.96754  (16012224)                397238.26
 3767531.08       38.56945  (16012224)
       397278.26   3767531.08       37.78152  (16012224)                397318.26
 3767531.08       35.17609  (10111824)
       397358.26   3767531.08       33.49511  (10111824)                397398.26
 3767531.08       29.89632m (12081408)
       397438.26   3767531.08       30.10854m (12081408)                397478.26
 3767531.08       29.33748m (12081408)
       397518.26   3767531.08       27.11487m (12081408)                397558.26
 3767531.08       24.68954  (16090924)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE 102
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CO       IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	23.45280	(15042424)	397638.26	3767531.08	22.43998	(15042424)
397678.26	3767531.08	20.86649	(15042424)	397718.26	3767531.08	19.14066	(15042424)
397320.82	3767219.11	107.20557m	(15051008)	397330.82	3767209.11	100.03651	(16092324)
397340.82	3767189.11	107.58718	(15121416)	397340.82	3767199.11	97.85472	(15121416)
397340.82	3767209.11	86.96274	(15122516)	397350.82	3767189.11	100.82174	(15121416)
397350.82	3767199.11	90.87224	(15121416)	397360.82	3767189.11	87.45010	(15121416)
397360.82	3767199.11	79.49660	(15121416)	397370.82	3767189.11	69.85043	(15121416)
397380.82	3767189.11	58.40661	(15121416)	396920.42	3767167.32	76.53040m	(15051008)
396989.95	3767243.54	97.76588m	(15051008)	397044.10	3767223.97	231.93013m	(15051008)
397113.57	3767239.93	245.20607m	(15051008)	397158.63	3767280.29	206.07655m	(15051008)
397168.95	3767307.05	134.18665m	(15051008)	397244.05	3767296.72	132.05399m	(15051008)
397260.95	3767278.88	142.58270m	(15051008)	397409.74	3767205.66	49.27123	(15111608)
397422.89	3767189.23	46.33020	(15111608)	397426.64	3767180.78	45.86898	(15111608)
397420.54	3767170.46	48.38226	(15121416)	397318.68	3767160.13	133.88823m	(15051008)
397022.98	3767083.62	146.01378c	(16012008)	396943.60	3767192.73	105.00808m	(15051008)
396966.77	3767218.13	111.34665m	(15051008)	397017.03	3767233.75	169.79041m	(15051008)
397078.83	3767231.95	239.98446m	(15051008)	397136.10	3767260.11	226.06777m	(15051008)
397206.50	3767301.88	145.41929m	(15051008)	397298.15	3767260.58	98.31108m	(15051008)
397335.34	3767242.27	73.01084	(16092324)	397372.54	3767223.96	55.10447	(16020108)
397386.59	3767167.02	58.65944	(15121416)	397352.63	3767163.57	101.46876	(15121416)
397276.44	3767149.20	169.78884m	(15051008)	397234.19	3767138.27	170.73483m	(15051008)
397191.95	3767127.34	179.36424m	(15051008)	397149.71	3767116.41	186.96638m	(15051008)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                   ** CONC OF CO   IN MICROGRAMS/M**3
             **

                                                        DATE
                                        NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

GENERATO HIGH   1ST HIGH VALUE IS   199.26784 ON 10123106: AT (397118.26,
3767051.08,   109.09,   134.58,   2.00) DC
         HIGH   8TH HIGH VALUE IS   149.74214 ON 10051206: AT (397158.26,
3767091.08,   109.15,   149.01,   2.00) DC

AREA   HIGH   1ST HIGH VALUE IS   273.86581 ON 15101407: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC
         HIGH   8TH HIGH VALUE IS   270.77955 ON 10071306: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC

ALL   HIGH   1ST HIGH VALUE IS   274.17148 ON 15101407: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC
         HIGH   8TH HIGH VALUE IS   271.01420 ON 10071306: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	NETWORK CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
GENERATO	HIGH 1ST HIGH VALUE IS	73.93700	ON 16122816:	AT (397022.98, 3767083.62, 105.68, 142.19, 2.00) DC
AREA	HIGH 1ST HIGH VALUE IS	245.20607m	ON 15051008:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
ALL	HIGH 1ST HIGH VALUE IS	245.20607m	ON 15051008:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 148 Warning Message(s)
A Total of 1277 Informational Message(s)

A Total of 43848 Hours Were Processed

```
 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W733     520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010012216
 CN W733    1536         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030524
 CN W733    1544         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030608
 CN W733    1552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030616
 CN W733    1560         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030624
 CN W733    1568         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030708
 CN W733    1576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030716
 CN W733    2680         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042216
 CN W733    2704         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042316
 CN W733    2728         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042416
 CN W733    2752         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042516
 CN W733    2776         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042616
 CN W733    2800         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042716
 CN W733    2824         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042816
 CN W733    2848         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042916
 CN W733    2872         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010043016
 CN W733    2896         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010050116
 CN W733    2920         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010050216
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 CN W733    3360         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010052024
 CN W733    3368         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010052108
 CN W733    3736         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010060516
 CN W733    5968         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010090616
 CN W733    6000         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010090724
 CN W733    6008         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010090808
 CN W733    6536         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010093008
 CN W733    7032         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010102024
 CN W733    8168         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010120708
 CN W733    8344         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010121416
 CN W733    8624         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010122608
 CN W733    8760         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010123124
 CN W733    8952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011010824
 CN W733    8960         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011010908
 CN W733    9496         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011013116
 CN W733    9504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011013124
 CN W733    9512         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011020108
 CN W733    9520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011020116
 CN W733   10088         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011022508
 CN W733   10184         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011030108
 CN W733   11080         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040716
 CN W733   11088         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040724
 CN W733   11096         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040808
 CN W733   11104         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040816
 CN W733   11112         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040824
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 CN W733   11120   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040908
 CN W733   11128   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040916
 CN W733   11136   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040924
 CN W733   11144   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011041008
 CN W733   11152   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011041016
 CN W733   11160   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011041024
 CN W733   12632   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061108
 CN W733   12648   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061124
 CN W733   12656   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061208
 CN W733   12664   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061216
 CN W733   12672   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061224
 CN W733   12680   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061308
 CN W733   12688   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061316
 CN W733   12696   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061324
 CN W733   12704   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061408
 CN W733   12712   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061416
 CN W733   12720   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061424
 CN W733   12728   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061508
 CN W733   12736   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011061516
 CN W733   13176   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011070324
 CN W733   13184   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011070408
 CN W733   13216   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011070516
 CN W733   13224   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011070524
 CN W733   13680   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011072424
 CN W733   13688   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011072508

 CN W733   13720   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011072616
 CN W733   15104   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011092208
 CN W733   15128   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011092308
 CN W733   15424   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011100516
 CN W733   15456   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011100624
 CN W733   15464   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011100708
 CN W733   15472   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011100716
 CN W733   15496   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011100816
 CN W733   16120   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011110316
 CN W733   16408   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011111516
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2011112308
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 CN W733   18176   AVER: 8-hr avg, < 6 hours of data, calms policy used.
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 CN W733   18200   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012012908
 CN W733   18496   AVER: 8-hr avg, < 6 hours of data, calms policy used.
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 CN W733   20464   AVER: 8-hr avg, < 6 hours of data, calms policy used.
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2012120116
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2012120308

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  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap
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2015051016
 CN W733   30688         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015070216
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2016081916
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2016082908
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2016112608
 CN W733   43848         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016123124

    ************************************
    *** AERMOD Finishes Successfully ***
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_NOx\Saturn_NOx.ADI
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**
**
**************************************
** AERMOD Control Pathway
**************************************
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   AVERTIME 1
   URBANOPT 9830000 Los_Angeles
   POLLUTID NO2
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_NOx.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
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** SZINIT = 4.74
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** Source Parameters **
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   SRCPARAM EG24            0.5122    14.326   756.483 32.6741244228888      0.61

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SRCPARAM L0000181     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000182     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000183     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000184     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000185     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000186     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000187     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000188     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000189     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000190     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000191     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000192     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000193     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000194     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000195     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000196     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000197     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000198     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000199     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000200     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000201     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000202     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000203     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000204     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000205     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000206     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000207     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000208     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000209     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000210     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000211     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000212     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000213     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000214     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000215     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000216     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000217     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000218     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000219     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000220     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000221     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000222     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000223     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000224     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000225     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000226     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000227     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000228     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000229     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000230     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000231     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000232     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000233     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000234     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000235     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000236     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000237     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000238     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000239     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000240     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000241     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000242     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000243     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000244     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000245     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000246     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000247     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000248     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000249     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000250     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000251     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000252     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000253     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000254     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000255     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000256     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000257     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000258     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000259     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000260     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000261     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000262     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000263     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000264     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000265     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000266     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000267     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000268     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000269     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000270     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000271     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000272     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000273     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000274     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000275     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000276     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000277     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000278     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000279     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000280     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000281     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000282     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000283     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000284     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000285     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01          284.00   270.01   247.81   218.08   181.73   139.85
```

BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73

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   XBADJ    EG08          -53.34   -38.33   -22.16    -5.31   -14.19   -45.21
   XBADJ    EG08          -74.86  -102.23  -126.50  -146.92  -162.88  -173.89
   XBADJ    EG08         -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08         -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24         -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24         -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24         -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24          -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24          -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24          -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01         -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01          -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01           66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01          116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01           47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01          -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08          -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08          -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08           10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08           54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08           41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08          -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Operations"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG08 EG24
   SRCGROUP Area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP Area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP Area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP Area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP Area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP Area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP Area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP Area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP Area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP Area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP Area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP Area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP Area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP Area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP Area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP Area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP Area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
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   SRCGROUP Area     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP Area     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP Area     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP Area     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP Area     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP Area     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP Area     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP Area     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP Area     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP Area     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP Area     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
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   SRCGROUP ALL
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** AERMOD Receptor Pathway
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**
RE STARTING
   INCLUDED Saturn_NOx.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
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**
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** Surface File Path: C:\Lakes\AERMOD View\Saturn_NOx\PICO_V9_ADJU\
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   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
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   PLOTFILE 1 Area 1ST "C:\Lakes\AERMOD View\Saturn_NOx\SATURN_NOX.AD\01H1G002.PLT"
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   MXDYBYYR GENERATO "C:\Lakes\AERMOD
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View\Saturn_NOx\SATURN_NOX.AD\MXDYBYYR_Area_NO2.DAT" 39
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** DESCPTN  UTM: Universal Transverse Mercator
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** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_NOX\SATURN_NOX.ADI
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** AERMOD CONTROL PATHWAY
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   MODELOPT CONC
   AVERTIME 1
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID NO2
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_NOX.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
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** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
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** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
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   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
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** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
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   SRCPARAM EG08            0.5122    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24            0.5122    14.326   756.483 32.6741244228888      0.61
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SRCPARAM L0000216     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000217     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000218     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000219     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000220     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000221     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000222     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000223     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000224     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000225     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000226     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000227     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000228     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000229     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000230     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000231     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000232     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000233     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000235     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000239     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000241     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000242     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000243     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000244     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000245     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000246     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000247     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000248     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000249     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000252     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000254     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000255     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000256     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000257     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000258     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000259     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000260     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000261     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000262     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000263     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000264     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000265     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000267     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000268     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000269     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000270     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000271     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000272     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000273     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000274     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000275     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000276     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000277     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000278     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000279     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000281     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000282     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000284     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000285     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** BUILDING DOWNWASH **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01           284.00   270.01   247.81   218.08   181.73   139.85
   BUILDWID EG01            93.73   103.87   148.81   189.23   223.90   251.77
   BUILDWID EG01           271.99   283.95   287.27   281.87   285.94   289.37
```

BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89

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   XBADJ    EG08          -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08          -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24          -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24          -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24          -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24           -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24           -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24           -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01          -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01           -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01            66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01           116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01            47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01           -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08           -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08           -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08            10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08            54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08            41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08           -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
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   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
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   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
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   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
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   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED SATURN_NOX.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_NOX\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_NOX\PICO_V9_ADJU\
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   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
************************************
** AERMOD OUTPUT PATHWAY
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H1GALL.PLT" 31
   PLOTFILE   1 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H1G001.PLT" 32
   PLOTFILE   1 AREA 1ST "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H1G002.PLT" 33
   PLOTFILE   1 ALL 8TH "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H8GALL.PLT" 34
   PLOTFILE   1 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H8G001.PLT" 35
   PLOTFILE   1 AREA 8TH "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H8G002.PLT" 36
   MXDYBYYR ALL "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MXDYBYYR_ALL_NO2.DAT" 37
   MXDYBYYR GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MXDYBYYR_GENERATO_NO2.DAT" 38
   MXDYBYYR AREA "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MXDYBYYR_AREA_NO2.DAT" 39
   MAXDAILY ALL "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MAXDAILY_ALL_NO2.DAT" 40
   MAXDAILY GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MAXDAILY_GENERATO_NO2.DAT" 41
   MAXDAILY AREA "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MAXDAILY_AREA_NO2.DAT" 42
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_NOX\SATURN_NOX.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     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***        13:52:36

                                    PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Full Conversion Assumed for NO2.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   291 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts 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:    291 Source(s);       3 Source Group(s); and     608
Receptor(s)

                with:      3 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **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
(MXDYBYYR 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
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.51220E+00	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG08	0	0.51220E+00	397112.7	3767197.0	109.3	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG24	0	0.51220E+00	397256.0	3767235.0	113.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74	YES	NO	
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74	YES	NO	
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74	YES	NO	
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19	4.74	YES	NO	
L0000005	0	0.34722E-02	396992.1	3767119.2	113.0	5.10	4.19	4.74	YES	NO	
L0000006	0	0.34722E-02	396985.5	3767125.4	113.0	5.10	4.19	4.74	YES	NO	
L0000007	0	0.34722E-02	396978.9	3767131.5	113.0	5.10	4.19	4.74	YES	NO	
L0000008	0	0.34722E-02	396972.3	3767137.6	113.0	5.10	4.19	4.74	YES	NO	
L0000009	0	0.34722E-02	396965.7	3767143.8	113.0	5.10	4.19	4.74	YES	NO	
L0000010	0	0.34722E-02	396959.1	3767149.9	113.0	5.10	4.19	4.74	YES	NO	
L0000011	0	0.34722E-02	396952.5	3767156.0	113.0	5.10	4.19	4.74	YES	NO	
L0000012	0	0.34722E-02	396950.0	3767162.3	113.0	5.10	4.19	4.74	YES	NO	
L0000013	0	0.34722E-02	396956.0	3767169.0	113.0	5.10	4.19	4.74	YES	NO	
L0000014	0	0.34722E-02	396962.1	3767175.7	113.0	5.10	4.19	4.74	YES	NO	
L0000015	0	0.34722E-02	396968.3	3767173.1	113.0	5.10	4.19	4.74	YES	NO	
L0000016	0	0.34722E-02	396974.7	3767166.8	113.0	5.10	4.19	4.74	YES	NO	
L0000017	0	0.34722E-02	396981.0	3767160.4	113.0	5.10	4.19	4.74	YES	NO	
L0000018	0	0.34722E-02	396987.4	3767154.0	113.0	5.10	4.19	4.74	YES	NO	
L0000019	0	0.34722E-02	396993.7	3767147.6	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000020         0   0.34722E-02  397000.1 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000021         0   0.34722E-02  397006.4 3767134.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000022         0   0.34722E-02  397012.8 3767128.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000023         0   0.34722E-02  397019.2 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000024         0   0.34722E-02  397025.5 3767115.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000025         0   0.34722E-02  397031.9 3767109.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY	AIRCRAFT
L0000041	0	0.34722E-02	396978.8	3767186.9	113.0	5.10	4.19	4.74	YES	NO	
L0000042	0	0.34722E-02	396979.7	3767193.0	113.0	5.10	4.19	4.74	YES	NO	
L0000043	0	0.34722E-02	396986.5	3767199.0	113.0	5.10	4.19	4.74	YES	NO	
L0000044	0	0.34722E-02	396993.1	3767201.2	113.0	5.10	4.19	4.74	YES	NO	
L0000045	0	0.34722E-02	396999.2	3767194.6	113.0	5.10	4.19	4.74	YES	NO	
L0000046	0	0.34722E-02	397005.3	3767188.1	113.0	5.10	4.19	4.74	YES	NO	
L0000047	0	0.34722E-02	397011.5	3767181.5	113.0	5.10	4.19	4.74	YES	NO	
L0000048	0	0.34722E-02	397017.6	3767174.9	113.0	5.10	4.19	4.74	YES	NO	
L0000049	0	0.34722E-02	397023.7	3767168.3	113.0	5.10	4.19	4.74	YES	NO	
L0000050	0	0.34722E-02	397029.8	3767161.7	113.0	5.10	4.19	4.74	YES	NO	
L0000051	0	0.34722E-02	397036.0	3767155.1	113.0	5.10	4.19	4.74	YES	NO	
L0000052	0	0.34722E-02	397042.1	3767148.5	113.0	5.10	4.19	4.74	YES	NO	
L0000053	0	0.34722E-02	397048.2	3767141.9	113.0	5.10	4.19	4.74	YES	NO	
L0000054	0	0.34722E-02	397054.3	3767135.3	113.0	5.10	4.19	4.74	YES	NO	
L0000055	0	0.34722E-02	397060.5	3767128.7	113.0	5.10	4.19	4.74	YES	NO	
L0000056	0	0.34722E-02	397066.6	3767122.1	113.0	5.10	4.19	4.74	YES	NO	
L0000057	0	0.34722E-02	397072.7	3767115.5	113.0	5.10	4.19	4.74	YES	NO	
L0000058	0	0.34722E-02	397079.4	3767110.8	113.0	5.10	4.19	4.74	YES	NO	
L0000059	0	0.34722E-02	397088.1	3767113.0	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000060         0   0.34722E-02  397096.9 3767115.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000061         0   0.34722E-02  397092.4 3767121.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000062         0   0.34722E-02  397086.3 3767127.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000063         0   0.34722E-02  397080.1 3767134.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000064         0   0.34722E-02  397074.0 3767140.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000065         0   0.34722E-02  397067.8 3767147.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.34722E-02	397044.8	3767200.2	113.0	5.10	4.19	4.74	YES	NO	
L0000082	0	0.34722E-02	397050.9	3767193.6	113.0	5.10	4.19	4.74	YES	NO	
L0000083	0	0.34722E-02	397057.0	3767186.9	113.0	5.10	4.19	4.74	YES	NO	
L0000084	0	0.34722E-02	397063.0	3767180.3	113.0	5.10	4.19	4.74	YES	NO	
L0000085	0	0.34722E-02	397069.1	3767173.7	113.0	5.10	4.19	4.74	YES	NO	
L0000086	0	0.34722E-02	397075.2	3767167.0	113.0	5.10	4.19	4.74	YES	NO	
L0000087	0	0.34722E-02	397081.3	3767160.4	113.0	5.10	4.19	4.74	YES	NO	
L0000088	0	0.34722E-02	397087.4	3767153.8	113.0	5.10	4.19	4.74	YES	NO	
L0000089	0	0.34722E-02	397093.5	3767147.1	113.0	5.10	4.19	4.74	YES	NO	
L0000090	0	0.34722E-02	397099.5	3767140.5	113.0	5.10	4.19	4.74	YES	NO	
L0000091	0	0.34722E-02	397105.6	3767133.9	113.0	5.10	4.19	4.74	YES	NO	
L0000092	0	0.34722E-02	397111.7	3767127.2	113.0	5.10	4.19	4.74	YES	NO	
L0000093	0	0.34722E-02	397118.7	3767123.6	113.0	5.10	4.19	4.74	YES	NO	
L0000094	0	0.34722E-02	397127.4	3767125.8	113.0	5.10	4.19	4.74	YES	NO	
L0000095	0	0.34722E-02	397134.7	3767128.4	113.0	5.10	4.19	4.74	YES	NO	
L0000096	0	0.34722E-02	397128.6	3767135.0	113.0	5.10	4.19	4.74	YES	NO	
L0000097	0	0.34722E-02	397122.4	3767141.6	113.0	5.10	4.19	4.74	YES	NO	
L0000098	0	0.34722E-02	397116.3	3767148.1	113.0	5.10	4.19	4.74	YES	NO	
L0000099	0	0.34722E-02	397110.1	3767154.7	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000100         0   0.34722E-02  397103.9 3767161.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000101         0   0.34722E-02  397097.8 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000102         0   0.34722E-02  397091.6 3767174.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000103         0   0.34722E-02  397085.5 3767180.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000104         0   0.34722E-02  397079.3 3767187.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000105         0   0.34722E-02  397073.1 3767194.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000106         0   0.34722E-02  397067.0 3767200.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000107         0   0.34722E-02  397060.8 3767207.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000108         0   0.34722E-02  397054.7 3767213.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000109         0   0.34722E-02  397048.5 3767220.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000110         0   0.34722E-02  397055.1 3767223.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000111         0   0.34722E-02  397063.7 3767225.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000112         0   0.34722E-02  397071.7 3767226.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000113         0   0.34722E-02  397077.5 3767219.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000114         0   0.34722E-02  397083.3 3767212.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000115         0   0.34722E-02  397089.1 3767205.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000116         0   0.34722E-02  397094.9 3767198.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000117         0   0.34722E-02  397100.7 3767191.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000118         0   0.34722E-02  397106.5 3767185.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000119         0   0.34722E-02  397112.3 3767178.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000120         0   0.34722E-02  397118.1 3767171.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000121	0	0.34722E-02	397123.9	3767164.4	113.0	5.10	4.19	4.74	YES	NO	
L0000122	0	0.34722E-02	397129.7	3767157.5	113.0	5.10	4.19	4.74	YES	NO	
L0000123	0	0.34722E-02	397135.6	3767150.6	113.0	5.10	4.19	4.74	YES	NO	
L0000124	0	0.34722E-02	397141.4	3767143.8	113.0	5.10	4.19	4.74	YES	NO	
L0000125	0	0.34722E-02	397147.2	3767136.9	113.0	5.10	4.19	4.74	YES	NO	
L0000126	0	0.34722E-02	397154.5	3767134.8	113.0	5.10	4.19	4.74	YES	NO	
L0000127	0	0.34722E-02	397163.3	3767136.9	113.0	5.10	4.19	4.74	YES	NO	
L0000128	0	0.34722E-02	397163.6	3767141.8	113.0	5.10	4.19	4.74	YES	NO	
L0000129	0	0.34722E-02	397157.8	3767148.7	113.0	5.10	4.19	4.74	YES	NO	
L0000130	0	0.34722E-02	397152.0	3767155.6	113.0	5.10	4.19	4.74	YES	NO	
L0000131	0	0.34722E-02	397146.3	3767162.5	113.0	5.10	4.19	4.74	YES	NO	
L0000132	0	0.34722E-02	397140.5	3767169.4	113.0	5.10	4.19	4.74	YES	NO	
L0000133	0	0.34722E-02	397134.7	3767176.3	113.0	5.10	4.19	4.74	YES	NO	
L0000134	0	0.34722E-02	397128.9	3767183.2	113.0	5.10	4.19	4.74	YES	NO	
L0000135	0	0.34722E-02	397123.2	3767190.1	113.0	5.10	4.19	4.74	YES	NO	
L0000136	0	0.34722E-02	397117.4	3767197.0	113.0	5.10	4.19	4.74	YES	NO	
L0000137	0	0.34722E-02	397111.6	3767203.9	113.0	5.10	4.19	4.74	YES	NO	
L0000138	0	0.34722E-02	397105.8	3767210.8	113.0	5.10	4.19	4.74	YES	NO	
L0000139	0	0.34722E-02	397100.0	3767217.7	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000140         0   0.34722E-02  397094.3 3767224.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000141         0   0.34722E-02  397090.7 3767230.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000142         0   0.34722E-02  397099.5 3767232.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000143         0   0.34722E-02  397108.3 3767234.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000144         0   0.34722E-02  397115.8 3767233.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000145         0   0.34722E-02  397121.2 3767226.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.34722E-02	397188.3	3767164.6	113.0	5.10	4.19	4.74	YES	NO	
L0000162	0	0.34722E-02	397182.7	3767171.6	113.0	5.10	4.19	4.74	YES	NO	
L0000163	0	0.34722E-02	397177.0	3767178.6	113.0	5.10	4.19	4.74	YES	NO	
L0000164	0	0.34722E-02	397171.4	3767185.6	113.0	5.10	4.19	4.74	YES	NO	
L0000165	0	0.34722E-02	397165.7	3767192.6	113.0	5.10	4.19	4.74	YES	NO	
L0000166	0	0.34722E-02	397160.0	3767199.6	113.0	5.10	4.19	4.74	YES	NO	
L0000167	0	0.34722E-02	397154.4	3767206.6	113.0	5.10	4.19	4.74	YES	NO	
L0000168	0	0.34722E-02	397148.7	3767213.6	113.0	5.10	4.19	4.74	YES	NO	
L0000169	0	0.34722E-02	397143.1	3767220.6	113.0	5.10	4.19	4.74	YES	NO	
L0000170	0	0.34722E-02	397137.4	3767227.6	113.0	5.10	4.19	4.74	YES	NO	
L0000171	0	0.34722E-02	397131.8	3767234.6	113.0	5.10	4.19	4.74	YES	NO	
L0000172	0	0.34722E-02	397127.4	3767241.4	113.0	5.10	4.19	4.74	YES	NO	
L0000173	0	0.34722E-02	397134.6	3767246.9	113.0	5.10	4.19	4.74	YES	NO	
L0000174	0	0.34722E-02	397138.0	3767254.8	113.0	5.10	4.19	4.74	YES	NO	
L0000175	0	0.34722E-02	397142.2	3767254.1	113.0	5.10	4.19	4.74	YES	NO	
L0000176	0	0.34722E-02	397147.6	3767246.9	113.0	5.10	4.19	4.74	YES	NO	
L0000177	0	0.34722E-02	397153.0	3767239.7	113.0	5.10	4.19	4.74	YES	NO	
L0000178	0	0.34722E-02	397158.4	3767232.5	113.0	5.10	4.19	4.74	YES	NO	
L0000179	0	0.34722E-02	397163.8	3767225.3	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000180         0   0.34722E-02  397169.2 3767218.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000181         0   0.34722E-02  397174.6 3767210.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000182         0   0.34722E-02  397180.0 3767203.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000183         0   0.34722E-02  397185.4 3767196.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000184         0   0.34722E-02  397190.8 3767189.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000185         0   0.34722E-02  397196.3 3767182.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.34722E-02	397184.8	3767223.5	113.0	5.10	4.19	4.74	YES	NO	
L0000202	0	0.34722E-02	397178.9	3767230.3	113.0	5.10	4.19	4.74	YES	NO	
L0000203	0	0.34722E-02	397173.1	3767237.2	113.0	5.10	4.19	4.74	YES	NO	
L0000204	0	0.34722E-02	397167.2	3767244.0	113.0	5.10	4.19	4.74	YES	NO	
L0000205	0	0.34722E-02	397161.4	3767250.8	113.0	5.10	4.19	4.74	YES	NO	
L0000206	0	0.34722E-02	397155.5	3767257.7	113.0	5.10	4.19	4.74	YES	NO	
L0000207	0	0.34722E-02	397150.7	3767264.5	113.0	5.10	4.19	4.74	YES	NO	
L0000208	0	0.34722E-02	397157.1	3767270.9	113.0	5.10	4.19	4.74	YES	NO	
L0000209	0	0.34722E-02	397163.4	3767277.3	113.0	5.10	4.19	4.74	YES	NO	
L0000210	0	0.34722E-02	397169.2	3767275.4	113.0	5.10	4.19	4.74	YES	NO	
L0000211	0	0.34722E-02	397174.8	3767268.3	113.0	5.10	4.19	4.74	YES	NO	
L0000212	0	0.34722E-02	397180.3	3767261.2	113.0	5.10	4.19	4.74	YES	NO	
L0000213	0	0.34722E-02	397185.9	3767254.1	113.0	5.10	4.19	4.74	YES	NO	
L0000214	0	0.34722E-02	397191.4	3767247.0	113.0	5.10	4.19	4.74	YES	NO	
L0000215	0	0.34722E-02	397197.0	3767239.9	113.0	5.10	4.19	4.74	YES	NO	
L0000216	0	0.34722E-02	397202.5	3767232.9	113.0	5.10	4.19	4.74	YES	NO	
L0000217	0	0.34722E-02	397208.1	3767225.8	113.0	5.10	4.19	4.74	YES	NO	
L0000218	0	0.34722E-02	397213.6	3767218.7	113.0	5.10	4.19	4.74	YES	NO	
L0000219	0	0.34722E-02	397219.2	3767211.6	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000220         0   0.34722E-02  397224.7 3767204.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000221         0   0.34722E-02  397230.3 3767197.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000222         0   0.34722E-02  397235.8 3767190.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000223         0   0.34722E-02  397241.4 3767183.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000224         0   0.34722E-02  397246.9 3767176.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000225         0   0.34722E-02  397252.5 3767169.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000241	0	0.34722E-02	397209.2	3767247.5	113.0	5.10	4.19	4.74	YES	NO	
L0000242	0	0.34722E-02	397203.4	3767254.3	113.0	5.10	4.19	4.74	YES	NO	
L0000243	0	0.34722E-02	397197.5	3767261.2	113.0	5.10	4.19	4.74	YES	NO	
L0000244	0	0.34722E-02	397191.7	3767268.0	113.0	5.10	4.19	4.74	YES	NO	
L0000245	0	0.34722E-02	397185.8	3767274.9	113.0	5.10	4.19	4.74	YES	NO	
L0000246	0	0.34722E-02	397180.0	3767281.7	113.0	5.10	4.19	4.74	YES	NO	
L0000247	0	0.34722E-02	397174.1	3767288.5	113.0	5.10	4.19	4.74	YES	NO	
L0000248	0	0.34722E-02	397181.8	3767292.9	113.0	5.10	4.19	4.74	YES	NO	
L0000249	0	0.34722E-02	397189.6	3767297.3	113.0	5.10	4.19	4.74	YES	NO	
L0000250	0	0.34722E-02	397198.0	3767300.6	113.0	5.10	4.19	4.74	YES	NO	
L0000251	0	0.34722E-02	397203.8	3767294.6	113.0	5.10	4.19	4.74	YES	NO	
L0000252	0	0.34722E-02	397209.3	3767287.5	113.0	5.10	4.19	4.74	YES	NO	
L0000253	0	0.34722E-02	397214.8	3767280.4	113.0	5.10	4.19	4.74	YES	NO	
L0000254	0	0.34722E-02	397220.3	3767273.2	113.0	5.10	4.19	4.74	YES	NO	
L0000255	0	0.34722E-02	397225.8	3767266.1	113.0	5.10	4.19	4.74	YES	NO	
L0000256	0	0.34722E-02	397231.2	3767259.0	113.0	5.10	4.19	4.74	YES	NO	
L0000257	0	0.34722E-02	397236.7	3767251.8	113.0	5.10	4.19	4.74	YES	NO	
L0000258	0	0.34722E-02	397242.2	3767244.7	113.0	5.10	4.19	4.74	YES	NO	
L0000259	0	0.34722E-02	397247.7	3767237.6	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000260         0   0.34722E-02  397253.2 3767230.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000261         0   0.34722E-02  397258.7 3767223.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000281	0	0.34722E-02	397270.2	3767238.2	113.0	5.10	4.19	4.74	YES	NO	
L0000282	0	0.34722E-02	397264.8	3767245.4	113.0	5.10	4.19	4.74	YES	NO	
L0000283	0	0.34722E-02	397259.3	3767252.5	113.0	5.10	4.19	4.74	YES	NO	
L0000284	0	0.34722E-02	397253.9	3767259.7	113.0	5.10	4.19	4.74	YES	NO	
L0000285	0	0.34722E-02	397248.4	3767266.8	113.0	5.10	4.19	4.74	YES	NO	
L0000286	0	0.34722E-02	397242.9	3767274.0	113.0	5.10	4.19	4.74	YES	NO	
L0000287	0	0.34722E-02	397237.5	3767281.1	113.0	5.10	4.19	4.74	YES	NO	
L0000288	0	0.34722E-02	397232.0	3767288.3	113.0	5.10	4.19	4.74	YES	NO	

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
GENERATO	EG01 , EG08 , EG24 ,
AREA	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

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             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

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L0000054    , L0000055    , L0000056    ,

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L0000102    , L0000103    , L0000104    ,

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L0000142    , L0000143    , L0000144    ,
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 ,
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L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
L0000166 , L0000167 , L0000168 ,

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L0000286   , L0000287   , L0000288   ,

  ALL   EG01   , EG08   , EG24   , L0000001   , L0000002   ,
L0000003   , L0000004   , L0000005   ,

             L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
L0000011   , L0000012   , L0000013   ,

             L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
L0000019   , L0000020   , L0000021   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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             L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
L0000027   , L0000028   , L0000029   ,

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L0000035   , L0000036   , L0000037   ,

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L0000171    , L0000172    , L0000173    ,
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

L0000182 , L0000183 , L0000184 , L0000185 , L0000186 ,
L0000187 , L0000188 , L0000189 ,

L0000190 , L0000191 , L0000192 , L0000193 , L0000194 ,
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L0000283   , L0000284   , L0000285   ,

             L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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              9830000.   EG01   , EG08   , EG24   , L0000001   ,
L0000002   , L0000003   , L0000004   ,
 L0000005   ,

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L0000011   , L0000012   , L0000013   ,

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L0000019   , L0000020   , L0000021   ,

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L0000155    , L0000156    , L0000157    ,
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------
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            L0000158    , L0000159    , L0000160    , L0000161    , L0000162    ,
L0000163    , L0000164    , L0000165    ,

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L0000283    , L0000284    , L0000285    ,

            L0000286    , L0000287    , L0000288    ,
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

 SOURCE ID: EG01
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ   YADJ
    1   12.8, 284.0, 189.2, -85.5, -116.3,   2   12.8, 270.0, 223.9, -82.6, -112.3,
    3   12.8, 247.8, 251.8, -77.2, -105.0,   4   12.8, 218.1, 272.0, -69.4, -94.4,
    5   12.8, 181.7, 283.9, -59.5, -81.0,   6   12.8, 139.9, 287.3, -47.9, -65.1,
    7   12.8,   93.7, 281.9, -34.7, -47.3,   8   12.8, 103.9, 285.9, -29.4, -31.6,
    9   12.8, 148.8, 289.4, -28.0, -11.5,   10   12.8, 189.2, 284.0, -25.7,   9.1,
   11   12.8, 223.9, 270.0, -22.7,   29.3,   12   12.8, 251.8, 247.8, -18.9,   48.7,
   13   12.8, 272.0, 218.1, -14.6,   66.6,   14   12.8, 283.9, 181.7, -9.9,   82.4,
   15   12.8, 287.3, 139.9,   -4.8,   95.8,   16   12.8, 281.9,   93.7, 0.4, 106.2,
   17   12.8, 285.9, 103.9, -20.3, 113.5,   18   12.8, 289.4, 148.8, -62.9, 116.7,
   19   12.8, 284.0, 189.2, -103.7, 116.3,   20   12.8, 270.0, 223.9, -141.3, 112.3,
   21   12.8, 247.8, 251.8, -174.6, 105.0,   22   12.8, 218.1, 272.0, -202.6,   94.4,
   23   12.8, 181.7, 283.9, -224.4,   81.0,   24   12.8, 139.9, 287.3, -239.4,   65.1,
   25   12.8,   93.7, 281.9, -247.2,   47.3,   26   12.8, 103.9, 285.9, -256.5,   31.6,
   27   12.8, 148.8, 289.4, -261.4,   11.5,   28   12.8, 189.2, 284.0, -258.3,   -9.1,
   29   12.8, 223.9, 270.0, -247.3, -29.3,   30   12.8, 251.8, 247.8, -228.9, -48.7,
   31   12.8, 272.0, 218.1, -203.5, -66.6,   32   12.8, 283.9, 181.7, -171.9, -82.4,
   33   12.8, 287.3, 139.9, -135.1, -95.8,   34   12.8, 281.9,   93.7, -94.1, -106.2,
   35   12.8, 285.9, 103.9, -83.6, -113.5,   36   12.8, 289.4, 148.8,

-85.9, -116.7,

SOURCE ID: EG08

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-114.4,	-54.9,	2	12.8,	270.0,	223.9,	-121.7,	-56.9,
3	12.8,	247.8,	251.8,	-125.3,	-57.2,	4	12.8,	218.1,	272.0,	-125.1,	-55.7,
5	12.8,	181.7,	283.9,	-121.1,	-52.5,	6	12.8,	139.9,	287.3,	-113.4,	-47.8,
7	12.8,	93.7,	281.9,	-102.2,	-41.5,	8	12.8,	103.9,	285.9,	-96.9,	-37.7,
9	12.8,	148.8,	289.4,	-93.4,	-29.2,	10	12.8,	189.2,	284.0,	-87.1,	-19.8,
11	12.8,	223.9,	270.0,	-78.1,	-9.7,	12	12.8,	251.8,	247.8,	-66.7,	0.6,
13	12.8,	272.0,	218.1,	-53.3,	10.9,	14	12.8,	283.9,	181.7,	-38.3,	20.9,
15	12.8,	287.3,	139.9,	-22.2,	30.2,	16	12.8,	281.9,	93.7,	-5.3,	38.7,
17	12.8,	285.9,	103.9,	-14.2,	46.0,	18	12.8,	289.4,	148.8,	-45.2,	51.3,
19	12.8,	284.0,	189.2,	-74.9,	54.9,	20	12.8,	270.0,	223.9,	-102.2,	56.9,
21	12.8,	247.8,	251.8,	-126.5,	57.2,	22	12.8,	218.1,	272.0,	-146.9,	55.7,
23	12.8,	181.7,	283.9,	-162.9,	52.5,	24	12.8,	139.9,	287.3,	-173.9,	47.8,
25	12.8,	93.7,	281.9,	-179.6,	41.5,	26	12.8,	103.9,	285.9,	-189.0,	37.7,
27	12.8,	148.8,	289.4,	-196.0,	29.2,	28	12.8,	189.2,	284.0,	-196.9,	19.8,
29	12.8,	223.9,	270.0,	-191.9,	9.7,	30	12.8,	251.8,	247.8,	-181.1,	-0.6,
31	12.8,	272.0,	218.1,	-164.7,	-10.9,	32	12.8,	283.9,	181.7,	-143.4,	-20.9,
33	12.8,	287.3,	139.9,	-117.7,	-30.2,	34	12.8,	281.9,	93.7,	-88.4,	-38.7,
35	12.8,	285.9,	103.9,	-89.7,	-46.0,	36	12.8,	289.4,	148.8,	-103.6,	-51.3,

SOURCE ID: EG24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-176.8,	79.6,	2	12.8,	270.0,	223.9,	-206.5,	64.7,
3	12.8,	247.8,	251.8,	-229.9,	47.9,	4	12.8,	218.1,	272.0,		

```
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  18
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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```
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  19
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG08          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG24   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766771.1, 87.6, 105.5, 2.0); (396598.3, 3766771.1, 91.2, 105.5, 2.0);
(396638.3, 3766771.1, 99.2, 100.5, 2.0); (396678.3, 3766771.1, 103.0, 103.0, 2.0);
(396718.3, 3766771.1, 105.1, 105.1, 2.0); (396758.3, 3766771.1, 104.2, 105.0, 2.0);
(396798.3, 3766771.1, 100.8, 100.8, 2.0); (396838.3, 3766771.1, 100.7, 100.7, 2.0);
(396878.3, 3766771.1, 100.6, 100.6, 2.0); (396918.3, 3766771.1, 101.1, 101.1, 2.0);
(396958.3, 3766771.1, 101.5, 101.5, 2.0); (396998.3, 3766771.1, 101.5, 101.5, 2.0);
(397038.3, 3766771.1, 101.3, 101.3, 2.0); (397078.3, 3766771.1, 101.1, 185.1, 2.0);
(397118.3, 3766771.1, 100.2, 185.1, 2.0); (397158.3, 3766771.1, 98.7, 187.7, 2.0);
(397198.3, 3766771.1, 98.3, 188.4, 2.0); (397238.3, 3766771.1, 98.6, 188.6, 2.0);
(397278.3, 3766771.1, 99.2, 188.6, 2.0); (397318.3, 3766771.1, 99.9, 188.6, 2.0);
(397358.3, 3766771.1, 100.6, 188.6, 2.0); (397398.3, 3766771.1, 101.5, 189.8, 2.0);
(397438.3, 3766771.1, 102.2, 191.1, 2.0); (397478.3, 3766771.1, 103.1, 191.1, 2.0);
(397518.3, 3766771.1, 103.9, 191.1, 2.0); (397558.3, 3766771.1, 104.6, 191.1, 2.0);
(397598.3, 3766771.1, 105.3, 191.1, 2.0); (397638.3, 3766771.1, 106.0, 191.1, 2.0);
(397678.3, 3766771.1, 106.6, 191.1, 2.0); (397718.3, 3766771.1, 106.6, 191.1, 2.0);
(396558.3, 3766811.1, 87.7, 105.5, 2.0); (396598.3, 3766811.1, 89.4, 105.5, 2.0);
(396638.3, 3766811.1, 97.3, 104.7, 2.0); (396678.3, 3766811.1, 102.7, 104.1, 2.0);
(396718.3, 3766811.1, 102.9, 102.9, 2.0); (396758.3, 3766811.1, 100.1, 105.5, 2.0);
(396798.3, 3766811.1, 100.2, 100.2, 2.0); (396838.3, 3766811.1, 100.5, 100.5, 2.0);
(396878.3, 3766811.1, 100.7, 100.7, 2.0); (396918.3, 3766811.1, 101.4, 101.4, 2.0);
(396958.3, 3766811.1, 102.1, 102.1, 2.0); (396998.3, 3766811.1, 102.4, 102.4, 2.0);
(397038.3, 3766811.1, 102.3, 102.3, 2.0); (397078.3,

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3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       2.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       2.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       2.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       2.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       2.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       2.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       2.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       2.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       2.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       2.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       2.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       2.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       2.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       2.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       2.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       2.0);
     ( 397438.3, 3766851.1,     103.2,     189.8,       2.0);         ( 397478.3,
3766851.1,     104.0,     190.2,       2.0);
     ( 397518.3, 3766851.1,     104.7,     191.1,       2.0);         ( 397558.3,
3766851.1,     105.4,     191.1,       2.0);
     ( 397598.3, 3766851.1,     106.1,     191.1,       2.0);         ( 397638.3,
3766851.1,     106.8,     191.1,       2.0);
     ( 397678.3, 3766851.1,     107.5,     191.1,       2.0);         ( 397718.3,
3766851.1,     108.2,     191.1,       2.0);
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766891.1, 89.9, 133.9, 2.0); (396598.3, 3766891.1, 89.3, 133.9, 2.0);
(396638.3, 3766891.1, 91.7, 104.7, 2.0); (396678.3, 3766891.1, 96.0, 96.0, 2.0);
(396718.3, 3766891.1, 97.4, 97.4, 2.0); (396758.3, 3766891.1, 98.2, 98.2, 2.0);
(396798.3, 3766891.1, 98.9, 98.9, 2.0); (396838.3, 3766891.1, 99.6, 99.6, 2.0);
(396878.3, 3766891.1, 100.9, 100.9, 2.0); (396918.3, 3766891.1, 100.8, 100.8, 2.0);
(396958.3, 3766891.1, 101.7, 101.7, 2.0); (396998.3, 3766891.1, 102.5, 102.5, 2.0);
(397038.3, 3766891.1, 103.1, 103.1, 2.0); (397078.3, 3766891.1, 105.4, 105.4, 2.0);
(397118.3, 3766891.1, 106.4, 106.4, 2.0); (397158.3, 3766891.1, 105.5, 105.5, 2.0);
(397198.3, 3766891.1, 106.8, 106.8, 2.0); (397238.3, 3766891.1, 106.2, 106.2, 2.0);
(397278.3, 3766891.1, 106.0, 106.0, 2.0); (397318.3, 3766891.1, 105.6, 184.0, 2.0);
(397358.3, 3766891.1, 104.0, 188.3, 2.0); (397398.3, 3766891.1, 102.9, 188.6, 2.0);
(397438.3, 3766891.1, 103.4, 188.6, 2.0); (397478.3, 3766891.1, 104.2, 189.8, 2.0);
(397518.3, 3766891.1, 105.2, 190.2, 2.0); (397558.3, 3766891.1, 105.8, 191.1, 2.0);
(397598.3, 3766891.1, 106.5, 191.1, 2.0); (397638.3, 3766891.1, 107.2, 191.1, 2.0);
(397678.3, 3766891.1, 107.9, 191.1, 2.0); (397718.3, 3766891.1, 108.8, 191.1, 2.0);
(396558.3, 3766931.1, 91.6, 135.0, 2.0); (396598.3, 3766931.1, 91.1, 135.0, 2.0);
(396638.3, 3766931.1, 93.8, 93.8, 2.0); (396678.3, 3766931.1, 94.9, 94.9, 2.0);
(396718.3, 3766931.1, 97.3, 97.3, 2.0); (396758.3, 3766931.1, 98.4, 98.4, 2.0);
(396798.3, 3766931.1, 99.1, 99.1, 2.0); (396838.3, 3766931.1, 99.5, 99.5, 2.0);
(396878.3, 3766931.1, 100.0, 100.0, 2.0); (396918.3, 3766931.1, 100.6, 100.6, 2.0);
(396958.3, 3766931.1, 101.3, 101.3, 2.0); (396998.3,

3766931.1,   102.5,   102.5,   2.0);
     (397038.3, 3766931.1,   104.5,   104.5,   2.0);   (397078.3,
3766931.1,   106.6,   106.6,   2.0);
     (397118.3, 3766931.1,   108.4,   108.4,   2.0);   (397158.3,
3766931.1,   108.6,   108.6,   2.0);
     (397198.3, 3766931.1,   109.1,   109.1,   2.0);   (397238.3,
3766931.1,   108.9,   108.9,   2.0);
     (397278.3, 3766931.1,   107.8,   107.8,   2.0);   (397318.3,
3766931.1,   107.8,   147.6,   2.0);
     (397358.3, 3766931.1,   109.6,   118.5,   2.0);   (397398.3,
3766931.1,   107.2,   184.7,   2.0);
     (397438.3, 3766931.1,   105.1,   188.4,   2.0);   (397478.3,
3766931.1,   105.0,   188.6,   2.0);
     (397518.3, 3766931.1,   106.2,   188.6,   2.0);   (397558.3,
3766931.1,   106.4,   190.2,   2.0);
     (397598.3, 3766931.1,   106.9,   191.1,   2.0);   (397638.3,
3766931.1,   107.5,   191.1,   2.0);
     (397678.3, 3766931.1,   108.1,   191.1,   2.0);   (397718.3,
3766931.1,   110.0,   191.1,   2.0);
     (396558.3, 3766971.1,   93.1,   135.5,   2.0);   (396598.3,
3766971.1,   92.7,   135.5,   2.0);
     (396638.3, 3766971.1,   94.0,   135.0,   2.0);   (396678.3,
3766971.1,   95.0,   133.9,   2.0);
     (396718.3, 3766971.1,   96.8,   96.8,   2.0);   (396758.3,
3766971.1,   98.2,   98.2,   2.0);
     (396798.3, 3766971.1,   99.2,   99.2,   2.0);   (396838.3,
3766971.1,   100.1,   100.1,   2.0);
     (396878.3, 3766971.1,   100.1,   100.1,   2.0);   (396918.3,
3766971.1,   100.5,   100.5,   2.0);
     (396958.3, 3766971.1,   101.3,   134.6,   2.0);   (396998.3,
3766971.1,   103.3,   103.3,   2.0);
     (397038.3, 3766971.1,   105.5,   105.5,   2.0);   (397078.3,
3766971.1,   107.4,   107.4,   2.0);
     (397118.3, 3766971.1,   109.2,   109.2,   2.0);   (397158.3,
3766971.1,   109.7,   109.7,   2.0);
     (397198.3, 3766971.1,   109.7,   109.7,   2.0);   (397238.3,
3766971.1,   109.6,   109.6,   2.0);
     (397278.3, 3766971.1,   109.3,   149.0,   2.0);   (397318.3,
3766971.1,   110.3,   149.0,   2.0);
     (397358.3, 3766971.1,   115.5,   117.7,   2.0);   (397398.3,
3766971.1,   114.0,   118.2,   2.0);
     (397438.3, 3766971.1,   109.0,   149.0,   2.0);   (397478.3,
3766971.1,   107.3,   186.4,   2.0);
     (397518.3, 3766971.1,   107.2,   188.3,   2.0);   (397558.3,
3766971.1,   107.1,   188.6,   2.0);
     (397598.3, 3766971.1,   107.4,   190.2,   2.0);   (397638.3,
3766971.1,   107.7,   190.6,   2.0);
     (397678.3, 3766971.1,   107.8,   191.1,   2.0);   (397718.3,
3766971.1,   110.6,   191.1,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396558.3, 3767011.1,   94.7,   135.7,   2.0);   (396598.3,
3767011.1,   93.5,   135.7,   2.0);
     (396638.3, 3767011.1,   94.6,   135.5,   2.0);   (396678.3,
3767011.1,   96.0,   135.0,   2.0);
     (396718.3, 3767011.1,   97.0,   133.9,   2.0);   (396758.3,
3767011.1,   98.4,   98.4,   2.0);
     (396798.3, 3767011.1,   99.5,   99.5,   2.0);   (396838.3,
3767011.1,   100.6,   100.6,   2.0);
     (396878.3, 3767011.1,   100.9,   134.6,   2.0);   (396918.3,
3767011.1,   101.3,   134.6,   2.0);
     (396958.3, 3767011.1,   101.5,   134.7,   2.0);   (396998.3,
3767011.1,   103.7,   134.6,   2.0);
     (397038.3, 3767011.1,   105.8,   134.6,   2.0);   (397078.3,
3767011.1,   107.7,   107.7,   2.0);
     (397118.3, 3767011.1,   109.4,   109.4,   2.0);   (397158.3,
3767011.1,   109.6,   109.6,   2.0);
     (397198.3, 3767011.1,   109.7,   147.6,   2.0);   (397238.3,
3767011.1,   109.5,   149.0,   2.0);
     (397278.3, 3767011.1,   110.1,   149.0,   2.0);   (397318.3,
3767011.1,   111.3,   149.0,   2.0);
     (397358.3, 3767011.1,   116.5,   147.6,   2.0);   (397398.3,
3767011.1,   118.0,   118.0,   2.0);
     (397438.3, 3767011.1,   113.2,   149.0,   2.0);   (397478.3,
3767011.1,   109.0,   149.0,   2.0);
     (397518.3, 3767011.1,   108.0,   149.0,   2.0);   (397558.3,
3767011.1,   107.9,   187.3,   2.0);
     (397598.3, 3767011.1,   107.9,   188.3,   2.0);   (397638.3,
3767011.1,   108.1,   189.8,   2.0);
     (397678.3, 3767011.1,   108.0,   190.6,   2.0);   (397718.3,
3767011.1,   111.5,   190.2,   2.0);
     (396558.3, 3767051.1,   96.1,   135.7,   2.0);   (396598.3,
3767051.1,   95.6,   135.7,   2.0);
     (396638.3, 3767051.1,   95.1,   135.7,   2.0);   (396678.3,
3767051.1,   96.7,   135.7,   2.0);
     (396718.3, 3767051.1,   97.9,   135.5,   2.0);   (396758.3,
3767051.1,   99.0,   133.9,   2.0);
     (396798.3, 3767051.1,   100.2,   134.6,   2.0);   (396838.3,
3767051.1,   101.2,   134.6,   2.0);
     (396878.3, 3767051.1,   102.1,   134.6,   2.0);   (396918.3,

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3767051.1,     102.9,     142.2,       2.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       2.0);
     ( 396558.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       2.0);
     ( 396638.3, 3767091.1,      96.8,     135.7,       2.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       2.0);
     ( 396718.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       2.0);
     ( 396798.3, 3767091.1,     100.9,     134.6,       2.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       2.0);
     ( 396878.3, 3767091.1,     102.9,     142.2,       2.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       2.0);
     ( 396958.3, 3767091.1,     104.0,     142.2,       2.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       2.0);
     ( 397078.3, 3767091.1,     107.8,     147.6,       2.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       2.0);
     ( 397158.3, 3767091.1,     109.1,     149.0,       2.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       2.0);
     ( 397238.3, 3767091.1,     109.5,     149.0,       2.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       2.0);
     ( 397318.3, 3767091.1,     111.9,     149.0,       2.0);         ( 397358.3,
3767091.1,     113.8,     149.0,       2.0);
     ( 397398.3, 3767091.1,     116.6,     149.0,       2.0);         ( 397438.3,
3767091.1,     117.2,     149.0,       2.0);
     ( 397478.3, 3767091.1,     118.2,     149.0,       2.0);         ( 397518.3,
3767091.1,     117.6,     149.0,       2.0);
     ( 397558.3, 3767091.1,     117.9,     149.0,       2.0);         ( 397598.3,
3767091.1,     114.8,     149.0,       2.0);
     ( 397638.3, 3767091.1,     110.9,     149.0,       2.0);         ( 397678.3,
3767091.1,     110.4,     149.0,       2.0);
     ( 397718.3, 3767091.1,     112.0,     147.2,       2.0);         ( 396558.3,
```

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (396598.3, 3767131.1,   101.2,   135.7,   2.0);   (396638.3, 3767131.1,   100.3,   135.7,   2.0);
     (396678.3, 3767131.1,   97.7,   135.7,   2.0);   (396718.3, 3767131.1,   98.2,   135.7,   2.0);
     (396758.3, 3767131.1,   100.1,   142.2,   2.0);   (396798.3, 3767131.1,   101.8,   142.2,   2.0);
     (396838.3, 3767131.1,   103.2,   142.2,   2.0);   (396878.3, 3767131.1,   104.6,   142.2,   2.0);
     (396918.3, 3767131.1,   104.8,   142.2,   2.0);   (396958.3, 3767131.1,   106.1,   142.2,   2.0);
     (397238.3, 3767131.1,   111.0,   149.0,   2.0);   (397278.3, 3767131.1,   111.3,   149.0,   2.0);
     (397318.3, 3767131.1,   112.3,   149.0,   2.0);   (397358.3, 3767131.1,   114.1,   149.0,   2.0);
     (397398.3, 3767131.1,   116.4,   149.0,   2.0);   (397438.3, 3767131.1,   117.3,   149.0,   2.0);
     (397478.3, 3767131.1,   119.7,   149.0,   2.0);   (397518.3, 3767131.1,   119.3,   149.0,   2.0);
     (397558.3, 3767131.1,   119.0,   149.0,   2.0);   (397598.3, 3767131.1,   117.4,   149.0,   2.0);
     (397638.3, 3767131.1,   112.6,   149.0,   2.0);   (397678.3, 3767131.1,   111.8,   149.0,   2.0);
     (397718.3, 3767131.1,   112.0,   148.5,   2.0);   (396558.3, 3767171.1,   104.7,   135.7,   2.0);
     (396598.3, 3767171.1,   103.9,   135.7,   2.0);   (396638.3, 3767171.1,   103.5,   135.7,   2.0);
     (396678.3, 3767171.1,   100.8,   135.7,   2.0);   (396718.3, 3767171.1,   98.7,   142.2,   2.0);
     (396758.3, 3767171.1,   99.9,   142.2,   2.0);   (396798.3, 3767171.1,   102.6,   142.2,   2.0);
     (396838.3, 3767171.1,   104.8,   142.2,   2.0);   (396878.3, 3767171.1,   107.3,   142.2,   2.0);
     (396918.3, 3767171.1,   109.2,   142.2,   2.0);   (397438.3, 3767171.1,   117.8,   149.0,   2.0);
     (397478.3, 3767171.1,   118.3,   149.0,   2.0);   (397518.3, 3767171.1,   117.1,   149.0,   2.0);
     (397558.3, 3767171.1,   116.0,   149.0,   2.0);   (397598.3,

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3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       2.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       2.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       2.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       2.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       2.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       2.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       2.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       2.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       2.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       2.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       2.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       2.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       2.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       2.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       2.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       2.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       2.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       2.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       2.0);
     ( 397358.3, 3767251.1,     124.9,     149.0,       2.0);         ( 397398.3,
3767251.1,     133.5,     149.0,       2.0);
     ( 397438.3, 3767251.1,     134.6,     149.0,       2.0);         ( 397478.3,
3767251.1,     130.7,     149.0,       2.0);
     ( 397518.3, 3767251.1,     125.3,     149.0,       2.0);         ( 397558.3,
3767251.1,     123.5,     149.3,       2.0);
     ( 397598.3, 3767251.1,     121.4,     149.3,       2.0);         ( 397638.3,
3767251.1,     118.3,     149.6,       2.0);
     ( 397678.3, 3767251.1,     117.5,     149.3,       2.0);         ( 397718.3,
3767251.1,     116.6,     149.2,       2.0);
     ( 396558.3, 3767291.1,     125.5,     135.5,       2.0);         ( 396598.3,
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3767291.1,   120.7,   135.7,   2.0);
     (396638.3, 3767291.1,   119.2,   135.7,   2.0);   (396678.3,
3767291.1,   115.6,   135.7,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396718.3, 3767291.1,   111.7,   135.7,   2.0);   (396758.3,
3767291.1,   102.9,   187.3,   2.0);
     (396798.3, 3767291.1,   102.6,   188.3,   2.0);   (396838.3,
3767291.1,   104.8,   188.3,   2.0);
     (396878.3, 3767291.1,   115.3,   142.2,   2.0);   (396918.3,
3767291.1,   120.6,   142.2,   2.0);
     (396958.3, 3767291.1,   122.8,   142.2,   2.0);   (396998.3,
3767291.1,   128.6,   140.2,   2.0);
     (397038.3, 3767291.1,   134.4,   134.4,   2.0);   (397078.3,
3767291.1,   132.8,   134.1,   2.0);
     (397118.3, 3767291.1,   125.5,   142.2,   2.0);   (397158.3,
3767291.1,   115.4,   188.9,   2.0);
     (397278.3, 3767291.1,   120.7,   149.0,   2.0);   (397318.3,
3767291.1,   124.3,   149.0,   2.0);
     (397358.3, 3767291.1,   133.3,   149.0,   2.0);   (397398.3,
3767291.1,   143.5,   147.8,   2.0);
     (397438.3, 3767291.1,   143.7,   147.8,   2.0);   (397478.3,
3767291.1,   139.6,   148.3,   2.0);
     (397518.3, 3767291.1,   137.4,   148.5,   2.0);   (397558.3,
3767291.1,   138.5,   145.4,   2.0);
     (397598.3, 3767291.1,   136.8,   144.6,   2.0);   (397638.3,
3767291.1,   127.3,   148.8,   2.0);
     (397678.3, 3767291.1,   120.5,   149.3,   2.0);   (397718.3,
3767291.1,   118.7,   150.4,   2.0);
     (396558.3, 3767331.1,   134.0,   134.0,   2.0);   (396598.3,
3767331.1,   131.8,   131.8,   2.0);
     (396638.3, 3767331.1,   128.4,   129.7,   2.0);   (396678.3,
3767331.1,   120.2,   135.7,   2.0);
     (396718.3, 3767331.1,   114.9,   135.7,   2.0);   (396758.3,
3767331.1,   105.4,   187.6,   2.0);
     (396798.3, 3767331.1,   103.5,   188.9,   2.0);   (396838.3,
3767331.1,   105.5,   188.9,   2.0);
     (396878.3, 3767331.1,   116.4,   178.2,   2.0);   (396918.3,
3767331.1,   122.3,   142.2,   2.0);
     (396958.3, 3767331.1,   125.5,   142.2,   2.0);   (396998.3,

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3767331.1,     127.4,     142.2,       2.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       2.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       2.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       2.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       2.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       2.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       2.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       2.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       2.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       2.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       2.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       2.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       2.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       2.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       2.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       2.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       2.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       2.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       2.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       2.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       2.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       2.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       2.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       2.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       2.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       2.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       2.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       2.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       2.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       2.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       2.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       2.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       2.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       2.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       2.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       2.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       2.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       2.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       2.0);
     ( 397358.3, 3767371.1,     138.9,     149.0,       2.0);         ( 397398.3,
3767371.1,     148.1,     148.1,       2.0);
     ( 397438.3, 3767371.1,     148.3,     148.3,       2.0);         ( 397478.3,
3767371.1,     147.7,     147.7,       2.0);
     ( 397518.3, 3767371.1,     146.8,     146.8,       2.0);         ( 397558.3,
3767371.1,     145.8,     145.8,       2.0);
     ( 397598.3, 3767371.1,     144.6,     144.6,       2.0);         ( 397638.3,
3767371.1,     144.0,     144.0,       2.0);
     ( 397678.3, 3767371.1,     139.7,     144.9,       2.0);         ( 397718.3,
3767371.1,     129.0,     149.1,       2.0);
     ( 396558.3, 3767411.1,     135.2,     135.2,       2.0);         ( 396598.3,
```

3767411.1,   128.0,   135.7,   2.0);
     (396638.3, 3767411.1,   121.1,   136.3,   2.0);   (396678.3,
3767411.1,   115.7,   179.2,   2.0);
     (396718.3, 3767411.1,   112.4,   186.6,   2.0);   (396758.3,
3767411.1,   108.8,   188.3,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396798.3, 3767411.1,   106.0,   188.9,   2.0);   (396838.3,
3767411.1,   106.9,   188.9,   2.0);
     (396878.3, 3767411.1,   113.9,   188.9,   2.0);   (396918.3,
3767411.1,   119.2,   188.3,   2.0);
     (396958.3, 3767411.1,   125.5,   186.6,   2.0);   (396998.3,
3767411.1,   131.9,   142.2,   2.0);
     (397038.3, 3767411.1,   138.6,   142.2,   2.0);   (397078.3,
3767411.1,   141.9,   141.9,   2.0);
     (397118.3, 3767411.1,   140.9,   141.2,   2.0);   (397158.3,
3767411.1,   137.9,   139.4,   2.0);
     (397198.3, 3767411.1,   134.3,   134.3,   2.0);   (397238.3,
3767411.1,   131.6,   187.6,   2.0);
     (397278.3, 3767411.1,   130.9,   187.6,   2.0);   (397318.3,
3767411.1,   134.1,   149.0,   2.0);
     (397358.3, 3767411.1,   137.6,   149.0,   2.0);   (397398.3,
3767411.1,   146.7,   147.7,   2.0);
     (397438.3, 3767411.1,   148.4,   148.4,   2.0);   (397478.3,
3767411.1,   148.7,   148.7,   2.0);
     (397518.3, 3767411.1,   148.2,   148.2,   2.0);   (397558.3,
3767411.1,   147.1,   147.1,   2.0);
     (397598.3, 3767411.1,   145.6,   145.6,   2.0);   (397638.3,
3767411.1,   144.9,   144.9,   2.0);
     (397678.3, 3767411.1,   144.9,   144.9,   2.0);   (397718.3,
3767411.1,   139.1,   145.3,   2.0);
     (396558.3, 3767451.1,   133.6,   133.6,   2.0);   (396598.3,
3767451.1,   127.7,   135.7,   2.0);
     (396638.3, 3767451.1,   120.9,   136.8,   2.0);   (396678.3,
3767451.1,   117.4,   179.2,   2.0);
     (396718.3, 3767451.1,   115.4,   186.6,   2.0);   (396758.3,
3767451.1,   110.2,   188.9,   2.0);
     (396798.3, 3767451.1,   106.8,   188.9,   2.0);   (396838.3,
3767451.1,   108.8,   188.9,   2.0);
     (396878.3, 3767451.1,   113.5,   188.9,   2.0);   (396918.3,

```
3767451.1,     118.9,     188.9,       2.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       2.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       2.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       2.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       2.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       2.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       2.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       2.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       2.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       2.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       2.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       2.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       2.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       2.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       2.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       2.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       2.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       2.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       2.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       2.0);         ( 397718.3,
3767451.1,     143.1,     143.1,       2.0);
     ( 396558.3, 3767491.1,     132.0,     132.0,       2.0);         ( 396598.3,
3767491.1,     127.6,     136.8,       2.0);
     ( 396638.3, 3767491.1,     126.6,     136.8,       2.0);         ( 396678.3,
3767491.1,     125.9,     136.8,       2.0);
     ( 396718.3, 3767491.1,     122.0,     179.2,       2.0);         ( 396758.3,
3767491.1,     112.0,     188.9,       2.0);
     ( 396798.3, 3767491.1,     107.5,     188.9,       2.0);         ( 396838.3,
3767491.1,     109.0,     188.9,       2.0);
     ( 396878.3, 3767491.1,     112.7,     188.9,       2.0);         ( 396918.3,
3767491.1,     118.4,     188.9,       2.0);
     ( 396958.3, 3767491.1,     123.7,     188.9,       2.0);         ( 396998.3,
3767491.1,     128.9,     188.9,       2.0);
     ( 397038.3, 3767491.1,     135.5,     187.0,       2.0);         ( 397078.3,
3767491.1,     139.6,     139.6,       2.0);
     ( 397118.3, 3767491.1,     141.3,     141.3,       2.0);         ( 397158.3,
3767491.1,     140.1,     140.1,       2.0);
     ( 397198.3, 3767491.1,     137.2,     187.6,       2.0);         ( 397238.3,
3767491.1,     134.8,     188.9,       2.0);
     ( 397278.3, 3767491.1,     133.2,     188.9,       2.0);         ( 397318.3,
3767491.1,     133.0,     188.9,       2.0);
     ( 397358.3, 3767491.1,     135.1,     188.9,       2.0);         ( 397398.3,
3767491.1,     141.3,     148.1,       2.0);
     ( 397438.3, 3767491.1,     145.7,     145.7,       2.0);         ( 397478.3,
3767491.1,     148.2,     148.2,       2.0);
     ( 397518.3, 3767491.1,     149.0,     149.0,       2.0);         ( 397558.3,
3767491.1,     148.5,     148.5,       2.0);
     ( 397598.3, 3767491.1,     146.5,     146.5,       2.0);         ( 397638.3,
3767491.1,     146.2,     146.2,       2.0);
     ( 397678.3, 3767491.1,     145.9,     145.9,       2.0);         ( 397718.3,
```

3767491.1,   144.1,   145.4,   2.0);
     (396558.3, 3767531.1,   133.5,   133.5,   2.0);   (396598.3,
3767531.1,   132.4,   136.8,   2.0);
     (396638.3, 3767531.1,   134.6,   136.3,   2.0);   (396678.3,
3767531.1,   133.6,   136.3,   2.0);
     (396718.3, 3767531.1,   125.4,   179.2,   2.0);   (396758.3,
3767531.1,   111.2,   188.9,   2.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (396798.3, 3767531.1,   108.6,   188.9,   2.0);   (396838.3,
3767531.1,   112.0,   188.9,   2.0);
     (396878.3, 3767531.1,   113.6,   188.9,   2.0);   (396918.3,
3767531.1,   116.8,   188.9,   2.0);
     (396958.3, 3767531.1,   121.4,   188.9,   2.0);   (396998.3,
3767531.1,   126.2,   188.9,   2.0);
     (397038.3, 3767531.1,   133.5,   188.9,   2.0);   (397078.3,
3767531.1,   136.9,   188.9,   2.0);
     (397118.3, 3767531.1,   140.5,   187.6,   2.0);   (397158.3,
3767531.1,   140.7,   187.6,   2.0);
     (397198.3, 3767531.1,   138.5,   188.9,   2.0);   (397238.3,
3767531.1,   136.3,   188.9,   2.0);
     (397278.3, 3767531.1,   134.5,   188.9,   2.0);   (397318.3,
3767531.1,   133.7,   188.9,   2.0);
     (397358.3, 3767531.1,   134.0,   188.9,   2.0);   (397398.3,
3767531.1,   139.0,   188.9,   2.0);
     (397438.3, 3767531.1,   146.3,   146.3,   2.0);   (397478.3,
3767531.1,   148.9,   148.9,   2.0);
     (397518.3, 3767531.1,   149.4,   149.4,   2.0);   (397558.3,
3767531.1,   149.1,   149.1,   2.0);
     (397598.3, 3767531.1,   147.0,   147.0,   2.0);   (397638.3,
3767531.1,   147.3,   147.3,   2.0);
     (397678.3, 3767531.1,   147.5,   147.5,   2.0);   (397718.3,
3767531.1,   146.1,   147.0,   2.0);
     (397320.8, 3767219.1,   114.7,   149.3,   0.0);   (397330.8,
3767209.1,   114.5,   149.3,   0.0);
     (397340.8, 3767189.1,   113.5,   149.3,   0.0);   (397340.8,
3767199.1,   114.0,   149.3,   0.0);
     (397340.8, 3767209.1,   115.0,   149.3,   0.0);   (397350.8,
3767189.1,   113.7,   149.3,   0.0);
     (397350.8, 3767199.1,   114.3,   149.3,   0.0);   (397360.8,

3767189.1,   114.1,   149.3,   0.0);
     (397360.8, 3767199.1,   114.7,   149.3,   0.0);   (397370.8,
3767189.1,   114.4,   149.3,   0.0);
     (397380.8, 3767189.1,   114.9,   149.3,   0.0);   (396920.4,
3767167.3,   108.8,   142.2,   2.0);
     (396990.0, 3767243.5,   119.6,   142.2,   2.0);   (397044.1,
3767224.0,   112.6,   142.2,   2.0);
     (397113.6, 3767239.9,   112.1,   187.6,   2.0);   (397158.6,
3767280.3,   113.8,   188.9,   2.0);
     (397169.0, 3767307.0,   119.0,   187.6,   2.0);   (397244.0,
3767296.7,   118.1,   188.9,   2.0);
     (397261.0, 3767278.9,   117.5,   187.6,   2.0);   (397409.7,
3767205.7,   119.8,   149.0,   2.0);
     (397422.9, 3767189.2,   118.1,   149.0,   2.0);   (397426.6,
3767180.8,   117.9,   149.0,   2.0);
     (397420.5, 3767170.5,   116.8,   149.0,   2.0);   (397318.7,
3767160.1,   112.9,   149.0,   2.0);
     (397023.0, 3767083.6,   105.7,   142.2,   2.0);   (396943.6,
3767192.7,   110.6,   142.2,   2.0);
     (396966.8, 3767218.1,   114.7,   142.2,   2.0);   (397017.0,
3767233.8,   114.5,   142.2,   2.0);
     (397078.8, 3767231.9,   113.1,   149.0,   2.0);   (397136.1,
3767260.1,   112.9,   188.9,   2.0);
     (397206.5, 3767301.9,   117.8,   188.9,   2.0);   (397298.1,
3767260.6,   118.6,   149.0,   2.0);
     (397335.3, 3767242.3,   119.2,   149.0,   2.0);   (397372.5,
3767224.0,   119.2,   149.0,   2.0);
     (397386.6, 3767167.0,   114.8,   149.0,   2.0);   (397352.6,
3767163.6,   113.6,   149.0,   2.0);
     (397276.4, 3767149.2,   111.9,   149.0,   2.0);   (397234.2,
3767138.3,   111.3,   149.0,   2.0);
     (397192.0, 3767127.3,   110.4,   149.0,   2.0);   (397149.7,
3767116.4,   109.7,   149.0,   2.0);
     (397107.5, 3767105.5,   108.7,   149.0,   2.0);   (397065.2,
3767094.5,   107.4,   142.2,   2.0);
     (396988.8, 3767111.5,   106.3,   142.2,   2.0);   (396954.6,
3767139.4,   106.4,   142.2,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

SOURCE ID	XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000004	396988.8	3767111.5	0.97
L0000005	396988.8	3767111.5	-0.64
L0000109	397044.1	3767224.0	-3.28
L0000112	397078.8	3767231.9	0.05
L0000143	397113.6	3767239.9	-1.57
L0000144	397113.6	3767239.9	-2.05
L0000174	397136.1	3767260.1	-3.36
L0000175	397136.1	3767260.1	-0.47
L0000208	397158.6	3767280.3	0.54
L0000209	397158.6	3767280.3	-3.37
L0000250	397206.5	3767301.9	-0.42
L0000251	397206.5	3767301.9	-1.30
L0000271	397318.7	3767160.1	-0.54

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_V9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 10 01 01   1 01  -38.6  0.384 -9.000 -9.000 -999.  572.    162.4  0.34   0.73
1.00    3.10  321.    9.1  283.8    5.5
 10 01 01   1 02  -33.5  0.333 -9.000 -9.000 -999.  462.    121.8  0.34   0.73
1.00    2.70  217.    9.1  282.5    5.5
 10 01 01   1 03  -21.9  0.218 -9.000 -9.000 -999.  251.     52.2  0.34   0.73
1.00    1.80  290.    9.1  282.5    5.5
 10 01 01   1 04  -27.1  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  255.    9.1  282.0    5.5
 10 01 01   1 05  -21.9  0.218 -9.000 -9.000 -999.  245.     52.2  0.34   0.73
1.00    1.80  234.    9.1  282.0    5.5
 10 01 01   1 06  -27.1  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  258.    9.1  282.0    5.5
 10 01 01   1 07  -27.2  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  213.    9.1  281.4    5.5
 10 01 01   1 08  -22.6  0.335 -9.000 -9.000 -999.  466.    151.7  0.34   0.73
0.54    2.70  215.    9.1  282.0    5.5
 10 01 01   1 09   26.9  0.249  0.347  0.008   56.  302.    -51.9  0.34   0.73
0.32    1.80  199.    9.1  284.2    5.5
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5
```

*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

*** 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
396558.26	3766771.08	6.43449	396598.26	3766771.08	7.14576
396638.26	3766771.08	8.50553	396678.26	3766771.08	10.53067
396718.26	3766771.08	12.52844	396758.26	3766771.08	13.42226
396798.26	3766771.08	13.89992	396838.26	3766771.08	15.36855
396878.26	3766771.08	16.22638	396918.26	3766771.08	17.53265
396958.26	3766771.08	18.45300	396998.26	3766771.08	18.57451
397038.26	3766771.08	17.70291	397078.26	3766771.08	16.48913
397118.26	3766771.08	15.07555	397158.26	3766771.08	14.75823
397198.26	3766771.08	14.77694	397238.26	3766771.08	14.28534
397278.26	3766771.08	14.38461	397318.26		

```
3766771.08       13.91311
         397358.26    3766771.08       13.69920                       397398.26
3766771.08       14.35121
         397438.26    3766771.08       14.98264                       397478.26
3766771.08       14.76671
         397518.26    3766771.08       14.07815                       397558.26
3766771.08       13.55938
         397598.26    3766771.08       12.78148                       397638.26
3766771.08       11.99356
         397678.26    3766771.08       11.15351                       397718.26
3766771.08       10.22659
         396558.26    3766811.08        6.70266                       396598.26
3766811.08        7.65813
         396638.26    3766811.08        9.22292                       396678.26
3766811.08       10.83419
         396718.26    3766811.08       12.60038                       396758.26
3766811.08       13.94991
         396798.26    3766811.08       15.00171                       396838.26
3766811.08       16.31567
         396878.26    3766811.08       17.77202                       396918.26
3766811.08       18.71903
         396958.26    3766811.08       20.16254                       396998.26
3766811.08       20.47195
         397038.26    3766811.08       19.78646                       397078.26
3766811.08       18.36497
         397118.26    3766811.08       17.07680                       397158.26
3766811.08       17.24821
         397198.26    3766811.08       17.04710                       397238.26
3766811.08       15.98135
         397278.26    3766811.08       15.65131                       397318.26
3766811.08       15.38644
         397358.26    3766811.08       15.86479                       397398.26
3766811.08       16.93353
         397438.26    3766811.08       16.97956                       397478.26
3766811.08       16.26603
         397518.26    3766811.08       15.92526                       397558.26
3766811.08       15.27457
         397598.26    3766811.08       14.59237                       397638.26
3766811.08       13.64880
         397678.26    3766811.08       12.68347                       397718.26
3766811.08       11.53134
         396558.26    3766851.08        6.91953                       396598.26
3766851.08        7.75785
         396638.26    3766851.08        9.31446                       396678.26
3766851.08       11.04038
         396718.26    3766851.08       12.35922                       396758.26
3766851.08       13.97963
         396798.26    3766851.08       16.14242                       396838.26
3766851.08       17.39004
         396878.26    3766851.08       19.07145                       396918.26
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3766851.08   20.26655
         396958.26   3766851.08   21.54187   396998.26
3766851.08   22.33530
         397038.26   3766851.08   21.83873   397078.26
3766851.08   20.61105
         397118.26   3766851.08   19.06948   397158.26
3766851.08   19.67338
         397198.26   3766851.08   19.54465   397238.26
3766851.08   18.72575
         397278.26   3766851.08   18.13795   397318.26
3766851.08   17.69840

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** 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
 -
- -
         397358.26   3766851.08   19.04721   397398.26
3766851.08   19.31352
         397438.26   3766851.08   18.60632   397478.26
3766851.08   18.80673
         397518.26   3766851.08   18.21605   397558.26
3766851.08   17.53378
         397598.26   3766851.08   16.51424   397638.26
3766851.08   15.36694
         397678.26   3766851.08   13.87402   397718.26
3766851.08   12.31751
         396558.26   3766891.08   7.29650   396598.26
3766891.08   7.98360
         396638.26   3766891.08   9.16509   396678.26
3766891.08   11.30880
         396718.26   3766891.08   13.18266   396758.26
3766891.08   14.54329

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         396798.26    3766891.08       16.29729                    396838.26
3766891.08       18.73424
         396878.26    3766891.08       20.18370                    396918.26
3766891.08       21.47196
         396958.26    3766891.08       22.59442                    396998.26
3766891.08       23.95860
         397038.26    3766891.08       23.94846                    397078.26
3766891.08       23.46763
         397118.26    3766891.08       21.73791                    397158.26
3766891.08       22.15194
         397198.26    3766891.08       22.89473                    397238.26
3766891.08       21.56740
         397278.26    3766891.08       21.66625                    397318.26
3766891.08       22.55553
         397358.26    3766891.08       22.45902                    397398.26
3766891.08       21.49254
         397438.26    3766891.08       21.98959                    397478.26
3766891.08       21.55292
         397518.26    3766891.08       20.74073                    397558.26
3766891.08       19.65581
         397598.26    3766891.08       18.19257                    397638.26
3766891.08       16.47429
         397678.26    3766891.08       14.97435                    397718.26
3766891.08       13.39202
         396558.26    3766931.08        7.39212                    396598.26
3766931.08        8.56083
         396638.26    3766931.08        9.85887                    396678.26
3766931.08       10.91210
         396718.26    3766931.08       13.03290                    396758.26
3766931.08       15.47242
         396798.26    3766931.08       17.21891                    396838.26
3766931.08       18.80530
         396878.26    3766931.08       21.50450                    396918.26
3766931.08       22.77940
         396958.26    3766931.08       24.45285                    396998.26
3766931.08       26.03909
         397038.26    3766931.08       27.25893                    397078.26
3766931.08       26.83835
         397118.26    3766931.08       26.45635                    397158.26
3766931.08       27.33332
         397198.26    3766931.08       27.42502                    397238.26
3766931.08       26.44384
         397278.26    3766931.08       25.89035                    397318.26
3766931.08       26.67050
         397358.26    3766931.08       26.89043                    397398.26
3766931.08       26.94412
         397438.26    3766931.08       25.54046                    397478.26
3766931.08       24.28379
         397518.26    3766931.08       23.11205                    397558.26
3766931.08       21.26196
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         396958.26   3766971.08   26.57924   396998.26
3766971.08   28.89233
         397038.26   3766971.08   31.20016   397078.26
3766971.08   30.70995
         397118.26   3766971.08   32.89778   397158.26
3766971.08   37.81661
         397198.26   3766971.08   36.57876   397238.26
3766971.08   34.52461
         397278.26   3766971.08   32.31128   397318.26
3766971.08   31.55395
         397358.26   3766971.08   30.78858   397398.26
3766971.08   30.20722
         397438.26   3766971.08   29.01666   397478.26

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3766971.08       26.92022
         397518.26    3766971.08       25.00248                       397558.26
3766971.08       22.84343
         397598.26    3766971.08       20.32956                       397638.26
3766971.08       17.66855
         397678.26    3766971.08       15.18604                       397718.26
3766971.08       13.37481
         396558.26    3767011.08        6.44032                       396598.26
3767011.08        7.32310
         396638.26    3767011.08        8.81978                       396678.26
3767011.08       10.63292
         396718.26    3767011.08       12.82138                       396758.26
3767011.08       15.09511
         396798.26    3767011.08       17.17434                       396838.26
3767011.08       19.91605
         396878.26    3767011.08       23.40187                       396918.26
3767011.08       25.79177
         396958.26    3767011.08       29.61414                       396998.26
3767011.08       32.41159
         397038.26    3767011.08       35.46635                       397078.26
3767011.08       44.80508
         397118.26    3767011.08       53.55116                       397158.26
3767011.08       56.81673
         397198.26    3767011.08       67.69962                       397238.26
3767011.08       66.65783
         397278.26    3767011.08       50.56660                       397318.26
3767011.08       37.04033
         397358.26    3767011.08       33.68579                       397398.26
3767011.08       31.88340
         397438.26    3767011.08       31.07427                       397478.26
3767011.08       28.76147
         397518.26    3767011.08       25.57956                       397558.26
3767011.08       22.36344
         397598.26    3767011.08       19.72913                       397638.26
3767011.08       17.37841
         397678.26    3767011.08       15.28635                       397718.26
3767011.08       13.63126
         396558.26    3767051.08        6.58826                       396598.26
3767051.08        7.42952
         396638.26    3767051.08        8.44969                       396678.26
3767051.08        9.74774
         396718.26    3767051.08       11.66982                       396758.26
3767051.08       13.79564
         396798.26    3767051.08       16.59738                       396838.26
3767051.08       19.74534
         396878.26    3767051.08       22.82470                       396918.26
3767051.08       28.27853
         396958.26    3767051.08       31.74867                       396998.26
3767051.08       40.40642
         397038.26    3767051.08       66.61078                       397078.26
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3767051.08   68.85866
         397118.26   3767051.08   78.69854   397158.26
3767051.08   59.83926
         397198.26   3767051.08   62.72921   397238.26
3767051.08   65.04288
         397278.26   3767051.08   69.45829   397318.26
3767051.08   54.80286
         397358.26   3767051.08   37.59986   397398.26
3767051.08   33.52538
         397438.26   3767051.08   30.77102   397478.26
3767051.08   28.03190
         397518.26   3767051.08   24.81793   397558.26
3767051.08   22.36952
         397598.26   3767051.08   20.11073   397638.26
3767051.08   17.79285
         397678.26   3767051.08   15.59092   397718.26
3767051.08   13.93371

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                       *** 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
 -
- -
         396558.26   3767091.08   6.74373   396598.26
3767091.08   7.53495
         396638.26   3767091.08   8.37448   396678.26
3767091.08   9.54861
         396718.26   3767091.08   10.97643   396758.26
3767091.08   12.61623
         396798.26   3767091.08   15.09149   396838.26
3767091.08   18.05913
         396878.26   3767091.08   22.24387   396918.26
3767091.08   27.24715

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         396958.26    3767091.08       33.40517                    396998.26
3767091.08       64.08568
         397078.26    3767091.08       56.61146                    397118.26
3767091.08       72.30138
         397158.26    3767091.08       62.39442                    397198.26
3767091.08       60.28370
         397238.26    3767091.08       64.32016                    397278.26
3767091.08       64.09768
         397318.26    3767091.08       54.35999                    397358.26
3767091.08       38.15117
         397398.26    3767091.08       33.04138                    397438.26
3767091.08       30.23611
         397478.26    3767091.08       27.43092                    397518.26
3767091.08       24.70349
         397558.26    3767091.08       22.32241                    397598.26
3767091.08       20.59628
         397638.26    3767091.08       18.80403                    397678.26
3767091.08       16.82014
         397718.26    3767091.08       14.89409                    396558.26
3767131.08        6.94605
         396598.26    3767131.08        7.75264                    396638.26
3767131.08        8.68756
         396678.26    3767131.08        9.51966                    396718.26
3767131.08       10.74060
         396758.26    3767131.08       12.24770                    396798.26
3767131.08       14.07192
         396838.26    3767131.08       16.38883                    396878.26
3767131.08       20.02045
         396918.26    3767131.08       24.54974                    396958.26
3767131.08       40.26711
         397238.26    3767131.08       49.43956                    397278.26
3767131.08       60.15244
         397318.26    3767131.08       51.06018                    397358.26
3767131.08       44.17228
         397398.26    3767131.08       34.29330                    397438.26
3767131.08       31.38349
         397478.26    3767131.08       28.28878                    397518.26
3767131.08       25.78542
         397558.26    3767131.08       23.32273                    397598.26
3767131.08       21.12519
         397638.26    3767131.08       19.08350                    397678.26
3767131.08       16.82691
         397718.26    3767131.08       14.68349                    396558.26
3767171.08        7.94010
         396598.26    3767171.08        8.80914                    396638.26
3767171.08        9.90344
         396678.26    3767171.08       10.75338                    396718.26
3767171.08       11.64832
         396758.26    3767171.08       13.01245                    396798.26
3767171.08       14.85884
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         396838.26    3767171.08       17.22030                       396878.26
3767171.08       20.45973
         396918.26    3767171.08       23.78144                       397438.26
3767171.08       30.38258
         397478.26    3767171.08       27.29440                       397518.26
3767171.08       24.71827
         397558.26    3767171.08       22.29217                       397598.26
3767171.08       20.08772
         397638.26    3767171.08       17.95909                       397678.26
3767171.08       15.90201
         397718.26    3767171.08       14.00095                       396558.26
3767211.08        8.52381
         396598.26    3767211.08        9.58984                       396638.26
3767211.08       10.80298
         396678.26    3767211.08       12.12906                       396718.26
3767211.08       12.80874
         396758.26    3767211.08       14.08400                       396798.26
3767211.08       16.22877
         396838.26    3767211.08       19.57190                       396878.26
3767211.08       23.09159
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:52:36

                                   PAGE  35
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08       26.67350                       396958.26
3767211.08       30.47208
         397438.26    3767211.08       27.66805                       397478.26
3767211.08       25.29589
         397518.26    3767211.08       23.38233                       397558.26
3767211.08       21.27072
         397598.26    3767211.08       19.26472                       397638.26
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3767211.08       17.25653
         397678.26    3767211.08       15.34378                       397718.26
3767211.08       13.57150
         396558.26    3767251.08        8.61685                       396598.26
3767251.08        9.75470
         396638.26    3767251.08       11.06956                       396678.26
3767251.08       12.51719
         396718.26    3767251.08       13.59085                       396758.26
3767251.08       14.14211
         396798.26    3767251.08       15.80614                       396838.26
3767251.08       18.50023
         396878.26    3767251.08       22.06817                       396918.26
3767251.08       23.96567
         396958.26    3767251.08       26.07716                       396998.26
3767251.08       37.62893
         397038.26    3767251.08       27.81033                       397078.26
3767251.08       24.63688
         397118.26    3767251.08       38.63065                       397318.26
3767251.08       44.67044
         397358.26    3767251.08       30.77272                       397398.26
3767251.08       27.40242
         397438.26    3767251.08       24.87866                       397478.26
3767251.08       22.62769
         397518.26    3767251.08       21.01348                       397558.26
3767251.08       19.16925
         397598.26    3767251.08       17.52889                       397638.26
3767251.08       15.97238
         397678.26    3767251.08       14.31166                       397718.26
3767251.08       12.69915
         396558.26    3767291.08        8.28225                       396598.26
3767291.08        9.35782
         396638.26    3767291.08       10.57654                       396678.26
3767291.08       11.98332
         396718.26    3767291.08       13.69300                       396758.26
3767291.08       14.09577
         396798.26    3767291.08       15.34693                       396838.26
3767291.08       17.27732
         396878.26    3767291.08       19.62091                       396918.26
3767291.08       20.25092
         396958.26    3767291.08       21.32750                       396998.26
3767291.08       24.64739
         397038.26    3767291.08       29.04222                       397078.26
3767291.08       43.68986
         397118.26    3767291.08       49.28497                       397158.26
3767291.08       32.01468
         397278.26    3767291.08       41.35805                       397318.26
3767291.08       34.27598
         397358.26    3767291.08       28.85307                       397398.26
3767291.08       27.11278
         397438.26    3767291.08       23.67800                       397478.26
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3767291.08   21.03039
         397518.26   3767291.08   19.04365   397558.26
3767291.08   17.36919
         397598.26   3767291.08   15.82453   397638.26
3767291.08   14.39449
         397678.26   3767291.08   13.07895   397718.26
3767291.08   11.68545
         396558.26   3767331.08   8.26376   396598.26
3767331.08   9.10177
         396638.26   3767331.08   10.04807   396678.26
3767331.08   11.22928
         396718.26   3767331.08   12.64417   396758.26
3767331.08   13.39306
         396798.26   3767331.08   14.18867   396838.26
3767331.08   15.83944
         396878.26   3767331.08   17.19364   396918.26
3767331.08   17.09482
         396958.26   3767331.08   17.16588   396998.26
3767331.08   17.23419
         397038.26   3767331.08   21.14746   397078.26
3767331.08   36.45778
         397118.26   3767331.08   51.45780   397158.26
3767331.08   54.02483

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** 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
 -
- -
         397198.26   3767331.08   51.89680   397238.26
3767331.08   47.90490
         397278.26   3767331.08   38.96489   397318.26
3767331.08   27.73814

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         397358.26    3767331.08       25.93809                    397398.26
3767331.08       25.65987
         397438.26    3767331.08       23.74632                    397478.26
3767331.08       21.10306
         397518.26    3767331.08       18.58900                    397558.26
3767331.08       16.50471
         397598.26    3767331.08       14.87237                    397638.26
3767331.08       13.34640
         397678.26    3767331.08       11.95168                    397718.26
3767331.08       10.86364
         396558.26    3767371.08        7.72036                    396598.26
3767371.08        8.51064
         396638.26    3767371.08        9.60589                    396678.26
3767371.08       10.94826
         396718.26    3767371.08       12.31956                    396758.26
3767371.08       12.89261
         396798.26    3767371.08       12.96882                    396838.26
3767371.08       13.63060
         396878.26    3767371.08       14.53649                    396918.26
3767371.08       14.33359
         396958.26    3767371.08       14.32674                    396998.26
3767371.08       14.37283
         397038.26    3767371.08       16.54003                    397078.26
3767371.08       25.27866
         397118.26    3767371.08       32.26051                    397158.26
3767371.08       43.81492
         397198.26    3767371.08       39.04304                    397238.26
3767371.08       31.66364
         397278.26    3767371.08       28.46988                    397318.26
3767371.08       25.49997
         397358.26    3767371.08       23.55636                    397398.26
3767371.08       23.16578
         397438.26    3767371.08       21.51304                    397478.26
3767371.08       19.63615
         397518.26    3767371.08       18.03443                    397558.26
3767371.08       16.47768
         397598.26    3767371.08       14.69775                    397638.26
3767371.08       13.00890
         397678.26    3767371.08       11.37677                    397718.26
3767371.08        9.91971
         396558.26    3767411.08        7.64910                    396598.26
3767411.08        8.41596
         396638.26    3767411.08        9.39098                    396678.26
3767411.08       10.23467
         396718.26    3767411.08       11.04528                    396758.26
3767411.08       11.49200
         396798.26    3767411.08       11.70407                    396838.26
3767411.08       11.92528
         396878.26    3767411.08       12.56540                    396918.26
3767411.08       12.57747
```

```
         396958.26    3767411.08       12.36688                      396998.26
3767411.08       12.43166
         397038.26    3767411.08       14.90525                      397078.26
3767411.08       21.53807
         397118.26    3767411.08       25.83171                      397158.26
3767411.08       29.10954
         397198.26    3767411.08       28.56030                      397238.26
3767411.08       27.26677
         397278.26    3767411.08       25.88953                      397318.26
3767411.08       24.18260
         397358.26    3767411.08       22.13369                      397398.26
3767411.08       21.13478
         397438.26    3767411.08       19.91295                      397478.26
3767411.08       18.37618
         397518.26    3767411.08       16.85142                      397558.26
3767411.08       15.55643
         397598.26    3767411.08       14.21850                      397638.26
3767411.08       12.76525
         397678.26    3767411.08       11.43630                      397718.26
3767411.08        9.85318
         396558.26    3767451.08        7.25650                      396598.26
3767451.08        7.81449
         396638.26    3767451.08        8.55883                      396678.26
3767451.08        9.35073
         396718.26    3767451.08       10.00608                      396758.26
3767451.08       10.44894
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  37
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08       10.40525                      396838.26
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3767451.08       10.71311
         396878.26    3767451.08       10.96594                    396918.26
3767451.08       10.97174
         396958.26    3767451.08       11.10319                    396998.26
3767451.08       11.29301
         397038.26    3767451.08       13.72931                    397078.26
3767451.08       17.39983
         397118.26    3767451.08       21.06244                    397158.26
3767451.08       24.76258
         397198.26    3767451.08       24.00045                    397238.26
3767451.08       24.59124
         397278.26    3767451.08       23.35143                    397318.26
3767451.08       22.46205
         397358.26    3767451.08       21.22164                    397398.26
3767451.08       19.66486
         397438.26    3767451.08       18.25620                    397478.26
3767451.08       17.23001
         397518.26    3767451.08       15.86689                    397558.26
3767451.08       14.57571
         397598.26    3767451.08       13.27675                    397638.26
3767451.08       12.24841
         397678.26    3767451.08       11.09480                    397718.26
3767451.08        9.73159
         396558.26    3767491.08        6.71438                    396598.26
3767491.08        7.30197
         396638.26    3767491.08        7.95550                    396678.26
3767491.08        8.43595
         396718.26    3767491.08        8.92665                    396758.26
3767491.08        9.25231
         396798.26    3767491.08        9.53413                    396838.26
3767491.08       10.09622
         396878.26    3767491.08       10.19615                    396918.26
3767491.08       10.18889
         396958.26    3767491.08       10.23757                    396998.26
3767491.08       10.34689
         397038.26    3767491.08       12.69969                    397078.26
3767491.08       14.76779
         397118.26    3767491.08       17.86914                    397158.26
3767491.08       21.11364
         397198.26    3767491.08       21.54524                    397238.26
3767491.08       21.93823
         397278.26    3767491.08       21.73566                    397318.26
3767491.08       20.73398
         397358.26    3767491.08       19.79560                    397398.26
3767491.08       18.58584
         397438.26    3767491.08       16.99585                    397478.26
3767491.08       15.94674
         397518.26    3767491.08       15.01930                    397558.26
3767491.08       13.89255
         397598.26    3767491.08       12.42079                    397638.26
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3767491.08   11.37538
         397678.26   3767491.08   10.34208   397718.26
3767491.08   9.41137
         396558.26   3767531.08   6.48939   396598.26
3767531.08   7.03305
         396638.26   3767531.08   7.58942   396678.26
3767531.08   7.87006
         396718.26   3767531.08   8.08046   396758.26
3767531.08   8.66034
         396798.26   3767531.08   9.15516   396838.26
3767531.08   9.39305
         396878.26   3767531.08   9.44649   396918.26
3767531.08   9.62642
         396958.26   3767531.08   9.74049   396998.26
3767531.08   10.20656
         397038.26   3767531.08   12.02816   397078.26
3767531.08   13.34529
         397118.26   3767531.08   16.07908   397158.26
3767531.08   18.35350
         397198.26   3767531.08   19.96044   397238.26
3767531.08   19.37896
         397278.26   3767531.08   19.88895   397318.26
3767531.08   19.07066
         397358.26   3767531.08   18.16344   397398.26
3767531.08   17.26118
         397438.26   3767531.08   16.29769   397478.26
3767531.08   14.95038
         397518.26   3767531.08   13.96992   397558.26
3767531.08   12.87908

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** 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

- -
- -
397598.26 3767531.08 11.86403 397638.26
3767531.08 10.72835
397678.26 3767531.08 9.72222 397718.26
3767531.08 8.84075
397320.82 3767219.11 60.54061 397330.82
3767209.11 57.76676
397340.82 3767189.11 67.33812 397340.82
3767199.11 62.75157
397340.82 3767209.11 61.33836 397350.82
3767189.11 66.15794
397350.82 3767199.11 64.43525 397360.82
3767189.11 56.00086
397360.82 3767199.11 52.60837 397370.82
3767189.11 39.72192
397380.82 3767189.11 36.13871 396920.42
3767167.32 23.58348
396989.95 3767243.54 38.09970 397044.10
3767223.97 34.68783
397113.57 3767239.93 45.61136 397158.63
3767280.29 34.33848
397168.95 3767307.05 33.27287 397244.05
3767296.72 43.44829
397260.95 3767278.88 39.86446 397409.74
3767205.66 30.76398
397422.89 3767189.23 31.02555 397426.64
3767180.78 30.80975
397420.54 3767170.46 32.20672 397318.68
3767160.13 43.83712
397022.98 3767083.62 64.21189 396943.60
3767192.73 27.99733
396966.77 3767218.13 34.65080 397017.03
3767233.75 40.44652
397078.83 3767231.95 32.66573 397136.10
3767260.11 37.41133
397206.50 3767301.88 32.93817 397298.15
3767260.58 45.68976
397335.34 3767242.27 44.03886 397372.54
3767223.96 33.00831
397386.59 3767167.02 36.39459 397352.63
3767163.57 57.77188
397276.44 3767149.20 50.25727 397234.19
3767138.27 45.98092
397191.95 3767127.34 47.56239 397149.71
3767116.41 57.70161
397107.47 3767105.48 67.08663 397065.22
3767094.55 49.57557
396988.79 3767111.52 64.26217 396954.61
3767139.42 35.13727

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** 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
396558.26	3766771.08	7.60454	396598.26	3766771.08	7.95582
396638.26	3766771.08	8.30072	396678.26	3766771.08	8.49008
396718.26	3766771.08	9.12973	396758.26	3766771.08	9.73189
396798.26	3766771.08	10.50791	396838.26	3766771.08	11.28040
396878.26	3766771.08	11.89178	396918.26	3766771.08	12.32362
396958.26	3766771.08	12.91509	396998.26	3766771.08	13.49144
397038.26	3766771.08	13.92639	397078.26	3766771.08	14.19110
397118.26	3766771.08	14.25341	397158.26	3766771.08	14.10750
397198.26	3766771.08	13.83124	397238.26	3766771.08	13.42875
397278.26	3766771.08	12.91148	397318.26	3766771.08	12.30298
397358.26	3766771.08	11.62618	397398.26		

3766771.08 10.92122
397438.26 3766771.08 10.20054 397478.26
3766771.08 9.49246
397518.26 3766771.08 8.80984 397558.26
3766771.08 8.16203
397598.26 3766771.08 7.58519 397638.26
3766771.08 7.16285
397678.26 3766771.08 6.73537 397718.26
3766771.08 6.30502
396558.26 3766811.08 8.53093 396598.26
3766811.08 8.99651
396638.26 3766811.08 9.49736 396678.26
3766811.08 9.94370
396718.26 3766811.08 10.21104 396758.26
3766811.08 10.90709
396798.26 3766811.08 11.66978 396838.26
3766811.08 12.67272
396878.26 3766811.08 13.60957 396918.26
3766811.08 14.32947
396958.26 3766811.08 14.98409 396998.26
3766811.08 15.78394
397038.26 3766811.08 16.38454 397078.26
3766811.08 16.74678
397118.26 3766811.08 16.88253 397158.26
3766811.08 16.73513
397198.26 3766811.08 16.30917 397238.26
3766811.08 15.68352
397278.26 3766811.08 14.93365 397318.26
3766811.08 14.10626
397358.26 3766811.08 13.21844 397398.26
3766811.08 12.29928
397438.26 3766811.08 11.38046 397478.26
3766811.08 10.49384
397518.26 3766811.08 9.65234 397558.26
3766811.08 8.89331
397598.26 3766811.08 8.33521 397638.26
3766811.08 7.77741
397678.26 3766811.08 7.22476 397718.26
3766811.08 6.68358
396558.26 3766851.08 9.28309 396598.26
3766851.08 10.04078
396638.26 3766851.08 10.78687 396678.26
3766851.08 11.42463
396718.26 3766851.08 11.98891 396758.26
3766851.08 12.43500
396798.26 3766851.08 13.33512 396838.26
3766851.08 14.34113
396878.26 3766851.08 15.64370 396918.26
3766851.08 16.77899
396958.26 3766851.08 17.60400 396998.26

3766851.08   18.74083
         397038.26   3766851.08   19.59203   397078.26
3766851.08   20.14040
         397118.26   3766851.08   20.33364   397158.26
3766851.08   20.11957
         397198.26   3766851.08   19.52887   397238.26
3766851.08   18.67632
         397278.26   3766851.08   17.59859   397318.26
3766851.08   16.36718

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                                *** 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
 -
- -
         397358.26   3766851.08   15.15050   397398.26
3766851.08   13.93516
         397438.26   3766851.08   12.75377   397478.26
3766851.08   11.63175
         397518.26   3766851.08   10.59569   397558.26
3766851.08   9.84082
         397598.26   3766851.08   9.09632   397638.26
3766851.08   8.36917
         397678.26   3766851.08   7.66824   397718.26
3766851.08   7.06869
         396558.26   3766891.08   9.69609   396598.26
3766891.08   10.79710

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3766891.08       13.15280
         396718.26    3766891.08       14.07207                    396758.26
3766891.08       14.81255
         396798.26    3766891.08       15.59931                    396838.26
3766891.08       16.75318
         396878.26    3766891.08       18.11946                    396918.26
3766891.08       19.77554
         396958.26    3766891.08       21.19314                    396998.26
3766891.08       22.66153
         397038.26    3766891.08       23.93734                    397078.26
3766891.08       24.81850
         397118.26    3766891.08       25.03993                    397158.26
3766891.08       24.60321
         397198.26    3766891.08       23.80825                    397238.26
3766891.08       22.54250
         397278.26    3766891.08       21.02714                    397318.26
3766891.08       19.36035
         397358.26    3766891.08       17.59949                    397398.26
3766891.08       15.90004
         397438.26    3766891.08       14.34612                    397478.26
3766891.08       12.91839
         397518.26    3766891.08       11.83011                    397558.26
3766891.08       10.80962
         397598.26    3766891.08        9.82953                    397638.26
3766891.08        8.95541
         397678.26    3766891.08        8.19772                    397718.26
3766891.08        7.48810
         396558.26    3766931.08        9.69059                    396598.26
3766931.08       11.11796
         396638.26    3766931.08       12.77543                    396678.26
3766931.08       14.46953
         396718.26    3766931.08       16.20290                    396758.26
3766931.08       17.71625
         396798.26    3766931.08       18.85986                    396838.26
3766931.08       20.16126
         396878.26    3766931.08       21.74337                    396918.26
3766931.08       23.55490
         396958.26    3766931.08       25.92918                    396998.26
3766931.08       28.13107
         397038.26    3766931.08       30.20913                    397078.26
3766931.08       31.46285
         397118.26    3766931.08       31.73490                    397158.26
3766931.08       31.04715
         397198.26    3766931.08       29.67746                    397238.26
3766931.08       27.76374
         397278.26    3766931.08       25.48376                    397318.26
3766931.08       23.09834
         397358.26    3766931.08       20.74624                    397398.26
3766931.08       18.39352
```

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         397438.26    3766931.08       16.24131                       397478.26
3766931.08       14.55196
         397518.26    3766931.08       13.11758                       397558.26
3766931.08       11.77509
         397598.26    3766931.08       10.65199                       397638.26
3766931.08        9.62185
         397678.26    3766931.08        8.66278                       397718.26
3766931.08        7.80887
         396558.26    3766971.08        9.35692                       396598.26
3766971.08       10.85160
         396638.26    3766971.08       12.82599                       396678.26
3766971.08       15.08915
         396718.26    3766971.08       17.64366                       396758.26
3766971.08       20.32973
         396798.26    3766971.08       22.90002                       396838.26
3766971.08       25.04945
         396878.26    3766971.08       27.10172                       396918.26
3766971.08       29.52301
```



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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08       32.41893                       396998.26
3766971.08       36.29692
         397038.26    3766971.08       39.69416                       397078.26
```

3766971.08 41.50109
397118.26 3766971.08 41.65811 397158.26
3766971.08 40.33217
397198.26 3766971.08 37.97653 397238.26
3766971.08 34.94940
397278.26 3766971.08 31.52043 397318.26
3766971.08 28.01054
397358.26 3766971.08 24.51298 397398.26
3766971.08 21.34140
397438.26 3766971.08 18.57697 397478.26
3766971.08 16.36510
397518.26 3766971.08 14.53167 397558.26
3766971.08 12.90284
397598.26 3766971.08 11.46846 397638.26
3766971.08 10.28929
397678.26 3766971.08 9.21821 397718.26
3766971.08 8.25717
396558.26 3767011.08 8.91657 396598.26
3767011.08 10.38812
396638.26 3767011.08 12.23956 396678.26
3767011.08 14.76000
396718.26 3767011.08 17.97034 396758.26
3767011.08 21.82792
396798.26 3767011.08 26.18449 396838.26
3767011.08 30.76918
396878.26 3767011.08 34.87804 396918.26
3767011.08 38.73798
396958.26 3767011.08 43.02985 396998.26
3767011.08 49.37023
397038.26 3767011.08 55.38045 397078.26
3767011.08 58.04193
397118.26 3767011.08 57.52174 397158.26
3767011.08 54.65090
397198.26 3767011.08 50.43094 397238.26
3767011.08 45.40211
397278.26 3767011.08 40.03183 397318.26
3767011.08 34.60415
397358.26 3767011.08 29.33500 397398.26
3767011.08 28.48393
397438.26 3767011.08 21.49947 397478.26
3767011.08 18.48707
397518.26 3767011.08 16.22443 397558.26
3767011.08 14.26194
397598.26 3767011.08 12.51849 397638.26
3767011.08 10.99628
397678.26 3767011.08 9.68142 397718.26
3767011.08 8.64028
396558.26 3767051.08 8.54827 396598.26
3767051.08 9.76853
396638.26 3767051.08 11.51526 396678.26

3767051.08   13.92776
         396718.26   3767051.08   17.07039   396758.26
3767051.08   21.58707
         396798.26   3767051.08   27.62311   396838.26
3767051.08   35.10223
         396878.26   3767051.08   43.68570   396918.26
3767051.08   52.85870
         396958.26   3767051.08   62.70023   396998.26
3767051.08   74.15304
         397038.26   3767051.08   86.75767   397078.26
3767051.08   89.52584
         397118.26   3767051.08   85.77656   397158.26
3767051.08   78.85064
         397198.26   3767051.08   70.62063   397238.26
3767051.08   61.76422
         397278.26   3767051.08   52.86177   397318.26
3767051.08   44.00350
         397358.26   3767051.08   35.84680   397398.26
3767051.08   32.40833
         397438.26   3767051.08   25.87262   397478.26
3767051.08   21.55351
         397518.26   3767051.08   18.16806   397558.26
3767051.08   15.48483
         397598.26   3767051.08   13.26433   397638.26
3767051.08   11.59769
         397678.26   3767051.08   10.25601   397718.26
3767051.08   9.14621

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                              *** 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
396558.26	3767091.08	8.80530	396598.26	3767091.08	10.02008
396638.26	3767091.08	11.46147	396678.26	3767091.08	13.30397
396718.26	3767091.08	15.84923	396758.26	3767091.08	19.97747
396798.26	3767091.08	25.95914	396838.26	3767091.08	35.62500
396878.26	3767091.08	49.60496	396918.26	3767091.08	67.92863
396958.26	3767091.08	93.26647	396998.26	3767091.08	141.08937
397078.26	3767091.08	169.21155	397118.26	3767091.08	147.83549
397158.26	3767091.08	127.08010	397198.26	3767091.08	108.08563
397238.26	3767091.08	90.77720	397278.26	3767091.08	74.72144
397318.26	3767091.08	58.84896	397358.26	3767091.08	45.31051
397398.26	3767091.08	37.92698	397438.26	3767091.08	32.70106
397478.26	3767091.08	28.73540	397518.26	3767091.08	23.91535
397558.26	3767091.08	21.30494	397598.26	3767091.08	15.00726
397638.26	3767091.08	12.64472	397678.26	3767091.08	11.13055
397718.26	3767091.08	9.88803	396558.26	3767131.08	9.37523
396598.26	3767131.08	10.69264	396638.26	3767131.08	12.30466
396678.26	3767131.08	14.25202	396718.26	3767131.08	16.97990
396758.26	3767131.08	20.83357	396798.26	3767131.08	26.27628
396838.26	3767131.08	34.48490	396878.26	3767131.08	50.02935
396918.26	3767131.08	79.87684	396958.26	3767131.08	148.04553
397238.26	3767131.08	160.24892	397278.26	3767131.08	124.65955
397318.26	3767131.08	89.97604	397358.26	3767131.08	63.31708

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         397398.26    3767131.08       46.79016                       397438.26
3767131.08       38.25339
         397478.26    3767131.08       34.91993                       397518.26
3767131.08       28.63625
         397558.26    3767131.08       24.08731                       397598.26
3767131.08       19.11195
         397638.26    3767131.08       13.67811                       397678.26
3767131.08       11.84599
         397718.26    3767131.08       10.43082                       396558.26
3767171.08       10.28361
         396598.26    3767171.08       11.79358                       396638.26
3767171.08       13.68533
         396678.26    3767171.08       16.09475                       396718.26
3767171.08       19.21040
         396758.26    3767171.08       23.69710                       396798.26
3767171.08       30.37919
         396838.26    3767171.08       40.68304                       396878.26
3767171.08       58.79566
         396918.26    3767171.08       98.31775                       397438.26
3767171.08       44.70566
         397478.26    3767171.08       35.91023                       397518.26
3767171.08       27.88899
         397558.26    3767171.08       21.99193                       397598.26
3767171.08       17.17774
         397638.26    3767171.08       14.18888                       397678.26
3767171.08       12.26432
         397718.26    3767171.08       10.70637                       396558.26
3767211.08       11.29593
         396598.26    3767211.08       13.02860                       396638.26
3767211.08       15.18997
         396678.26    3767211.08       17.95366                       396718.26
3767211.08       21.40590
         396758.26    3767211.08       26.08796                       396798.26
3767211.08       32.89831
         396838.26    3767211.08       43.10900                       396878.26
3767211.08       58.55286
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  43
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08       88.27572                     396958.26
3767211.08      142.15830
         397438.26    3767211.08       54.48041                     397478.26
3767211.08       43.22130
         397518.26    3767211.08       31.49908                     397558.26
3767211.08       23.39968
         397598.26    3767211.08       18.00764                     397638.26
3767211.08       15.18654
         397678.26    3767211.08       13.33424                     397718.26
3767211.08       11.28795
         396558.26    3767251.08       11.97647                     396598.26
3767251.08       13.77335
         396638.26    3767251.08       15.97340                     396678.26
3767251.08       18.70294
         396718.26    3767251.08       22.08380                     396758.26
3767251.08       26.15456
         396798.26    3767251.08       31.63668                     396838.26
3767251.08       39.04218
         396878.26    3767251.08       52.49406                     396918.26
3767251.08       71.40687
         396958.26    3767251.08       90.54334                     396998.26
3767251.08      114.11186
         397038.26    3767251.08      130.53490                     397078.26
3767251.08      167.56718
         397118.26    3767251.08      257.90944                     397318.26
3767251.08      104.60778
         397358.26    3767251.08       78.11883                     397398.26
3767251.08       72.19003
         397438.26    3767251.08       65.04263                     397478.26
3767251.08       53.40989
         397518.26    3767251.08       40.48291                     397558.26
3767251.08       31.84607
         397598.26    3767251.08       25.10690                     397638.26
3767251.08       18.15535
         397678.26    3767251.08       15.23014                     397718.26
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3767251.08       12.83556
         396558.26    3767291.08       22.56928                       396598.26
3767291.08       19.68927
         396638.26    3767291.08       20.54257                       396678.26
3767291.08       19.68012
         396718.26    3767291.08       20.80387                       396758.26
3767291.08       23.91973
         396798.26    3767291.08       28.90562                       396838.26
3767291.08       35.92259
         396878.26    3767291.08       45.87935                       396918.26
3767291.08       57.65717
         396958.26    3767291.08       65.05639                       396998.26
3767291.08       71.20866
         397038.26    3767291.08       72.60480                       397078.26
3767291.08       80.56662
         397118.26    3767291.08      115.31683                       397158.26
3767291.08      212.76078
         397278.26    3767291.08      112.00948                       397318.26
3767291.08       87.83181
         397358.26    3767291.08       75.61010                       397398.26
3767291.08       69.76444
         397438.26    3767291.08       63.61356                       397478.26
3767291.08       58.46907
         397518.26    3767291.08       52.36312                       397558.26
3767291.08       48.30493
         397598.26    3767291.08       43.45465                       397638.26
3767291.08       30.66177
         397678.26    3767291.08       18.63806                       397718.26
3767291.08       14.56344
         396558.26    3767331.08       29.58517                       396598.26
3767331.08       29.57276
         396638.26    3767331.08       29.50284                       396678.26
3767331.08       22.51125
         396718.26    3767331.08       19.57147                       396758.26
3767331.08       22.57541
         396798.26    3767331.08       26.63183                       396838.26
3767331.08       31.42180
         396878.26    3767331.08       37.56946                       396918.26
3767331.08       47.31917
         396958.26    3767331.08       54.54213                       396998.26
3767331.08       59.84405
         397038.26    3767331.08       64.13026                       397078.26
3767331.08       66.66306
         397118.26    3767331.08       74.38663                       397158.26
3767331.08      102.78651
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:52:36
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** 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
397198.26	3767331.08	111.21237	397238.26	3767331.08	99.75096
397278.26	3767331.08	86.58091	397318.26	3767331.08	77.96353
397358.26	3767331.08	70.55102	397398.26	3767331.08	64.56867
397438.26	3767331.08	59.58074	397478.26	3767331.08	55.26787
397518.26	3767331.08	51.39040	397558.26	3767331.08	47.83195
397598.26	3767331.08	44.76706	397638.26	3767331.08	40.38226
397678.26	3767331.08	27.77224	397718.26	3767331.08	17.95703
396558.26	3767371.08	29.40763	396598.26	3767371.08	27.26264
396638.26	3767371.08	25.24991	396678.26	3767371.08	18.98817
396718.26	3767371.08	18.23761	396758.26	3767371.08	20.79910
396798.26	3767371.08	23.65251	396838.26	3767371.08	26.71604
396878.26	3767371.08	30.31709	396918.26	3767371.08	39.65018
396958.26	3767371.08	47.56348	396998.26	3767371.08	51.52949

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         397038.26    3767371.08       55.44765                    397078.26
3767371.08       56.54061
         397118.26    3767371.08       61.72717                    397158.26
3767371.08       70.65317
         397198.26    3767371.08       78.82387                    397238.26
3767371.08       74.10970
         397278.26    3767371.08       68.05266                    397318.26
3767371.08       68.96946
         397358.26    3767371.08       65.09233                    397398.26
3767371.08       59.10090
         397438.26    3767371.08       55.32229                    397478.26
3767371.08       52.08369
         397518.26    3767371.08       48.89750                    397558.26
3767371.08       45.93681
         397598.26    3767371.08       43.15218                    397638.26
3767371.08       40.48557
         397678.26    3767371.08       36.94129                    397718.26
3767371.08       25.92017
         396558.26    3767411.08       28.58702                    396598.26
3767411.08       24.65652
         396638.26    3767411.08       18.17874                    396678.26
3767411.08       16.03590
         396718.26    3767411.08       16.77400                    396758.26
3767411.08       18.60834
         396798.26    3767411.08       20.52173                    396838.26
3767411.08       22.46740
         396878.26    3767411.08       26.31999                    396918.26
3767411.08       32.42017
         396958.26    3767411.08       41.54247                    396998.26
3767411.08       46.05690
         397038.26    3767411.08       48.43516                    397078.26
3767411.08       49.33891
         397118.26    3767411.08       52.81331                    397158.26
3767411.08       59.84518
         397198.26    3767411.08       66.20504                    397238.26
3767411.08       62.99819
         397278.26    3767411.08       57.67770                    397318.26
3767411.08       58.77557
         397358.26    3767411.08       57.83543                    397398.26
3767411.08       54.30794
         397438.26    3767411.08       51.43038                    397478.26
3767411.08       48.68236
         397518.26    3767411.08       46.06964                    397558.26
3767411.08       43.92541
         397598.26    3767411.08       41.57751                    397638.26
3767411.08       39.25228
         397678.26    3767411.08       37.03470                    397718.26
3767411.08       33.36528
         396558.26    3767451.08       26.18028                    396598.26
3767451.08       23.40630
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** 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
396798.26	3767451.08	17.88739	396838.26	3767451.08	20.02632
396878.26	3767451.08	23.17619	396918.26	3767451.08	27.77859
396958.26	3767451.08	36.52985	396998.26	3767451.08	41.42719
397038.26	3767451.08	45.09597	397078.26	3767451.08	46.12904
397118.26	3767451.08	48.30863	397158.26	3767451.08	53.06939
397198.26	3767451.08	57.28372	397238.26	3767451.08	55.33773
397278.26	3767451.08	51.41619	397318.26	3767451.08	51.76268
397358.26	3767451.08	51.97261	397398.26	3767451.08	50.07513
397438.26	3767451.08	47.86361	397478.26		

3767451.08 45.74463
397518.26 3767451.08 43.59904 397558.26
3767451.08 41.55209
397598.26 3767451.08 39.71816 397638.26
3767451.08 37.92851
397678.26 3767451.08 35.91908 397718.26
3767451.08 33.80412
396558.26 3767491.08 23.78684 396598.26
3767491.08 22.25976
396638.26 3767491.08 22.68573 396678.26
3767491.08 23.73656
396718.26 3767491.08 21.09494 396758.26
3767491.08 14.77245
396798.26 3767491.08 16.04393 396838.26
3767491.08 17.92203
396878.26 3767491.08 20.40502 396918.26
3767491.08 23.65706
396958.26 3767491.08 30.93886 396998.26
3767491.08 37.53318
397038.26 3767491.08 41.68892 397078.26
3767491.08 43.30165
397118.26 3767491.08 44.96257 397158.26
3767491.08 48.18310
397198.26 3767491.08 50.66604 397238.26
3767491.08 49.26358
397278.26 3767491.08 46.82300 397318.26
3767491.08 46.20759
397358.26 3767491.08 46.52606 397398.26
3767491.08 46.70730
397438.26 3767491.08 44.84467 397478.26
3767491.08 42.88722
397518.26 3767491.08 41.11151 397558.26
3767491.08 39.53231
397598.26 3767491.08 38.06520 397638.26
3767491.08 36.30350
397678.26 3767491.08 34.64228 397718.26
3767491.08 32.95432
396558.26 3767531.08 23.81669 396598.26
3767531.08 24.08560
396638.26 3767531.08 27.43330 396678.26
3767531.08 27.85444
396718.26 3767531.08 22.81911 396758.26
3767531.08 13.20995
396798.26 3767531.08 14.58645 396838.26
3767531.08 16.04478
396878.26 3767531.08 17.99745 396918.26
3767531.08 20.06200
396958.26 3767531.08 25.15032 396998.26
3767531.08 32.57480
397038.26 3767531.08 38.02692 397078.26

3767531.08   40.89215
         397118.26   3767531.08   42.11059   397158.26
3767531.08   44.28172
         397198.26   3767531.08   45.83150   397238.26
3767531.08   44.66309
         397278.26   3767531.08   43.26035   397318.26
3767531.08   42.18976
         397358.26   3767531.08   41.64155   397398.26
3767531.08   43.09058
         397438.26   3767531.08   41.75110   397478.26
3767531.08   40.13690
         397518.26   3767531.08   38.77170   397558.26
3767531.08   37.55354

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** 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
 -
- -
         397598.26   3767531.08   36.32476   397638.26
3767531.08   34.80355
         397678.26   3767531.08   33.23047   397718.26
3767531.08   31.85026
         397320.82   3767219.11   128.52367   397330.82
3767209.11   120.56411
         397340.82   3767189.11   113.10354   397340.82
3767199.11   109.93360

```
         397340.82    3767209.11      106.28835                      397350.82
3767189.11       96.98546
         397350.82    3767199.11       96.77285                      397360.82
3767189.11       84.60226
         397360.82    3767199.11       86.22525                      397370.82
3767189.11       74.66527
         397380.82    3767189.11       67.06767                      396920.42
3767167.32      100.86562
         396989.95    3767243.54      124.22603                      397044.10
3767223.97      255.48181
         397113.57    3767239.93      271.57362                      397158.63
3767280.29      231.87618
         397168.95    3767307.05      166.98208                      397244.05
3767296.72      163.87912
         397260.95    3767278.88      166.89693                      397409.74
3767205.66       57.79127
         397422.89    3767189.23       50.71052                      397426.64
3767180.78       48.94496
         397420.54    3767170.46       48.48477                      397318.68
3767160.13      150.70024
         397022.98    3767083.62      148.99413                      396943.60
3767192.73      136.68019
         396966.77    3767218.13      143.37325                      397017.03
3767233.75      197.78528
         397078.83    3767231.95      264.79878                      397136.10
3767260.11      251.83711
         397206.50    3767301.88      172.25281                      397298.15
3767260.58      120.87239
         397335.34    3767242.27       93.37883                      397372.54
3767223.96       73.83441
         397386.59    3767167.02       62.09095                      397352.63
3767163.57       90.63042
         397276.44    3767149.20      187.88399                      397234.19
3767138.27      190.74355
         397191.95    3767127.34      200.25620                      397149.71
3767116.41      208.03698
         397107.47    3767105.48      205.59101                      397065.22
3767094.55      189.15790
         396988.79    3767111.52      160.86833                      396954.61
3767139.42      159.39327
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  47
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

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                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08       11.33119                      396598.26
3766771.08       12.03680
         396638.26    3766771.08       13.18467                      396678.26
3766771.08       15.27553
         396718.26    3766771.08       17.41737                      396758.26
3766771.08       19.15250
         396798.26    3766771.08       20.36020                      396838.26
3766771.08       22.03280
         396878.26    3766771.08       23.06792                      396918.26
3766771.08       24.46770
         396958.26    3766771.08       25.78518                      396998.26
3766771.08       26.18037
         397038.26    3766771.08       25.61331                      397078.26
3766771.08       24.21830
         397118.26    3766771.08       22.44863                      397158.26
3766771.08       21.30977
         397198.26    3766771.08       20.80256                      397238.26
3766771.08       20.20388
         397278.26    3766771.08       20.34058                      397318.26
3766771.08       20.02352
         397358.26    3766771.08       20.10007                      397398.26
3766771.08       20.16639
         397438.26    3766771.08       20.25047                      397478.26
3766771.08       19.21044
         397518.26    3766771.08       17.94179                      397558.26
3766771.08       17.32428
         397598.26    3766771.08       16.72937                      397638.26
3766771.08       15.67480
         397678.26    3766771.08       14.64139                      397718.26
3766771.08       13.59858
         396558.26    3766811.08       12.73529                      396598.26
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```
3766811.08       13.56262
         396638.26    3766811.08       14.84511                       396678.26
3766811.08       16.30044
         396718.26    3766811.08       18.18809                       396758.26
3766811.08       19.90762
         396798.26    3766811.08       21.92919                       396838.26
3766811.08       23.98487
         396878.26    3766811.08       25.71413                       396918.26
3766811.08       26.74909
         396958.26    3766811.08       28.67111                       396998.26
3766811.08       29.44140
         397038.26    3766811.08       29.10167                       397078.26
3766811.08       27.78629
         397118.26    3766811.08       26.05775                       397158.26
3766811.08       25.13268
         397198.26    3766811.08       24.10325                       397238.26
3766811.08       23.47343
         397278.26    3766811.08       23.12671                       397318.26
3766811.08       22.92094
         397358.26    3766811.08       23.02421                       397398.26
3766811.08       23.31057
         397438.26    3766811.08       22.30016                       397478.26
3766811.08       20.97529
         397518.26    3766811.08       20.60585                       397558.26
3766811.08       20.05643
         397598.26    3766811.08       18.93244                       397638.26
3766811.08       17.57738
         397678.26    3766811.08       16.48731                       397718.26
3766811.08       15.20939
         396558.26    3766851.08       13.74786                       396598.26
3766851.08       15.02657
         396638.26    3766851.08       16.30898                       396678.26
3766851.08       17.73513
         396718.26    3766851.08       19.10001                       396758.26
3766851.08       20.75750
         396798.26    3766851.08       23.44230                       396838.26
3766851.08       25.89372
         396878.26    3766851.08       28.39699                       396918.26
3766851.08       29.90284
         396958.26    3766851.08       31.53303                       396998.26
3766851.08       32.98494
         397038.26    3766851.08       32.89639                       397078.26
3766851.08       32.07554
         397118.26    3766851.08       30.34581                       397158.26
3766851.08       29.20439
         397198.26    3766851.08       28.10857                       397238.26
3766851.08       27.94899
         397278.26    3766851.08       27.59286                       397318.26
3766851.08       26.52572
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** 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
397358.26	3766851.08	26.81976	397398.26	3766851.08	25.85679
397438.26	3766851.08	25.12002	397478.26	3766851.08	25.07754
397518.26	3766851.08	23.90022	397558.26	3766851.08	22.67055
397598.26	3766851.08	21.07615	397638.26	3766851.08	19.74877
397678.26	3766851.08	18.23327	397718.26	3766851.08	16.58425
396558.26	3766891.08	14.12941	396598.26	3766891.08	15.87098
396638.26	3766891.08	17.80470	396678.26	3766891.08	19.76427
396718.26	3766891.08	21.33573	396758.26	3766891.08	22.94655
396798.26	3766891.08	24.67056	396838.26	3766891.08	27.90372
396878.26	3766891.08	30.92635	396918.26	3766891.08	33.14133
396958.26	3766891.08	34.71420	396998.26	3766891.08	36.82226

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         397038.26    3766891.08       37.45992                    397078.26
3766891.08       37.63046
         397118.26    3766891.08       35.81738                    397158.26
3766891.08       33.45842
         397198.26    3766891.08       33.77348                    397238.26
3766891.08       33.77145
         397278.26    3766891.08       33.37841                    397318.26
3766891.08       32.74921
         397358.26    3766891.08       31.48923                    397398.26
3766891.08       30.40442
         397438.26    3766891.08       29.72210                    397478.26
3766891.08       28.43708
         397518.26    3766891.08       26.90156                    397558.26
3766891.08       25.08684
         397598.26    3766891.08       23.60418                    397638.26
3766891.08       21.73790
         397678.26    3766891.08       19.65860                    397718.26
3766891.08       17.40126
         396558.26    3766931.08       14.23880                    396598.26
3766931.08       16.20787
         396638.26    3766931.08       18.67783                    396678.26
3766931.08       21.15064
         396718.26    3766931.08       23.72073                    396758.26
3766931.08       25.90968
         396798.26    3766931.08       27.97483                    396838.26
3766931.08       29.72089
         396878.26    3766931.08       33.46633                    396918.26
3766931.08       36.83252
         396958.26    3766931.08       39.55932                    396998.26
3766931.08       41.98538
         397038.26    3766931.08       44.39381                    397078.26
3766931.08       44.82664
         397118.26    3766931.08       43.20061                    397158.26
3766931.08       40.93091
         397198.26    3766931.08       41.72315                    397238.26
3766931.08       41.59923
         397278.26    3766931.08       40.33541                    397318.26
3766931.08       39.54107
         397358.26    3766931.08       38.59780                    397398.26
3766931.08       36.90439
         397438.26    3766931.08       34.20916                    397478.26
3766931.08       31.81250
         397518.26    3766931.08       30.14476                    397558.26
3766931.08       27.97385
         397598.26    3766931.08       25.57309                    397638.26
3766931.08       22.89617
         397678.26    3766931.08       20.28915                    397718.26
3766931.08       17.76998
         396558.26    3766971.08       13.92350                    396598.26
3766971.08       16.17165
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** 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
396958.26	3766971.08	45.89902	396998.26	3766971.08	49.65016
397038.26	3766971.08	53.82016	397078.26	3766971.08	54.46761
397118.26	3766971.08	54.80499	397158.26	3766971.08	60.11744
397198.26	3766971.08	56.88554	397238.26	3766971.08	54.07202
397278.26	3766971.08	50.13676	397318.26	3766971.08	47.36775
397358.26	3766971.08	45.67324	397398.26	3766971.08	42.86074
397438.26	3766971.08	39.31205	397478.26		

3766971.08 36.02255
397518.26 3766971.08 33.01689 397558.26
3766971.08 29.75434
397598.26 3766971.08 26.43415 397638.26
3766971.08 23.09713
397678.26 3766971.08 20.09211 397718.26
3766971.08 17.72904
396558.26 3767011.08 13.01916 396598.26
3767011.08 15.14434
396638.26 3767011.08 18.24157 396678.26
3767011.08 21.71365
396718.26 3767011.08 25.50215 396758.26
3767011.08 29.49238
396798.26 3767011.08 34.27943 396838.26
3767011.08 39.63842
396878.26 3767011.08 44.75180 396918.26
3767011.08 48.66639
396958.26 3767011.08 54.27285 396998.26
3767011.08 61.26727
397038.26 3767011.08 67.36187 397078.26
3767011.08 77.96576
397118.26 3767011.08 82.37399 397158.26
3767011.08 86.72198
397198.26 3767011.08 96.08278 397238.26
3767011.08 89.96362
397278.26 3767011.08 72.47225 397318.26
3767011.08 55.88887
397358.26 3767011.08 54.45414 397398.26
3767011.08 53.62511
397438.26 3767011.08 43.09878 397478.26
3767011.08 38.82182
397518.26 3767011.08 34.18711 397558.26
3767011.08 29.89581
397598.26 3767011.08 26.32864 397638.26
3767011.08 23.04087
397678.26 3767011.08 20.26949 397718.26
3767011.08 18.10543
396558.26 3767051.08 12.66499 396598.26
3767051.08 14.43710
396638.26 3767051.08 16.70790 396678.26
3767051.08 20.03321
396718.26 3767051.08 24.41908 396758.26
3767051.08 29.74930
396798.26 3767051.08 35.87130 396838.26
3767051.08 42.69488
396878.26 3767051.08 51.64699 396918.26
3767051.08 62.15508
396958.26 3767051.08 71.21266 396998.26
3767051.08 85.48972
397038.26 3767051.08 117.02866 397078.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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
 -
- -
         396558.26   3767091.08   13.00610   396598.26
3767091.08   14.67186
         396638.26   3767091.08   16.76912   396678.26
3767091.08   19.33469

396718.26 3767091.08 22.68882 396758.26
3767091.08 27.10981
396798.26 3767091.08 33.97299 396838.26
3767091.08 44.25762
396878.26 3767091.08 57.17451 396918.26
3767091.08 74.40535
396958.26 3767091.08 97.84743 396998.26
3767091.08 145.83829
397078.26 3767091.08 169.33647 397118.26
3767091.08 149.34146
397158.26 3767091.08 132.14818 397198.26
3767091.08 121.79477
397238.26 3767091.08 114.77266 397278.26
3767091.08 105.15111
397318.26 3767091.08 88.12247 397358.26
3767091.08 63.32603
397398.26 3767091.08 60.89031 397438.26
3767091.08 54.77322
397478.26 3767091.08 49.35685 397518.26
3767091.08 41.98375
397558.26 3767091.08 37.76955 397598.26
3767091.08 29.25493
397638.26 3767091.08 25.14428 397678.26
3767091.08 22.37408
397718.26 3767091.08 19.80526 396558.26
3767131.08 14.21032
396598.26 3767131.08 16.10054 396638.26
3767131.08 18.16810
396678.26 3767131.08 20.37062 396718.26
3767131.08 23.23561
396758.26 3767131.08 27.40597 396798.26
3767131.08 33.35201
396838.26 3767131.08 41.68158 396878.26
3767131.08 57.02566
396918.26 3767131.08 84.91308 396958.26
3767131.08 149.98467
397238.26 3767131.08 160.38226 397278.26
3767131.08 125.51330
397318.26 3767131.08 98.45437 397358.26
3767131.08 78.05569
397398.26 3767131.08 65.85905 397438.26
3767131.08 57.60883
397478.26 3767131.08 56.69403 397518.26
3767131.08 48.64205
397558.26 3767131.08 42.21596 397598.26
3767131.08 34.11262
397638.26 3767131.08 25.56767 397678.26
3767131.08 22.49906
397718.26 3767131.08 19.68298 396558.26
3767171.08 15.26136

```
         396598.26    3767171.08       17.29809                      396638.26
3767171.08       19.82655
         396678.26    3767171.08       22.69264                      396718.26
3767171.08       26.15410
         396758.26    3767171.08       30.96726                      396798.26
3767171.08       37.93878
         396838.26    3767171.08       48.64105                      396878.26
3767171.08       66.29081
         396918.26    3767171.08      100.37842                      397438.26
3767171.08       62.46568
         397478.26    3767171.08       54.20562                      397518.26
3767171.08       43.82774
         397558.26    3767171.08       35.90152                      397598.26
3767171.08       29.68422
         397638.26    3767171.08       24.65929                      397678.26
3767171.08       21.78556
         397718.26    3767171.08       19.03800                      396558.26
3767211.08       16.16591
         396598.26    3767211.08       18.48566                      396638.26
3767211.08       21.24376
         396678.26    3767211.08       24.59267                      396718.26
3767211.08       28.31552
         396758.26    3767211.08       33.33306                      396798.26
3767211.08       40.44488
         396838.26    3767211.08       51.31318                      396878.26
3767211.08       66.89878
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  51
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** 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
396918.26	3767211.08	90.35556	396958.26	3767211.08	142.34564
397438.26	3767211.08	79.65298	397478.26	3767211.08	66.44320
397518.26	3767211.08	49.34423	397558.26	3767211.08	38.84453
397598.26	3767211.08	30.65887	397638.26	3767211.08	26.53617
397678.26	3767211.08	23.67553	397718.26	3767211.08	20.44064
396558.26	3767251.08	16.84133	396598.26	3767251.08	19.25396
396638.26	3767251.08	22.08888	396678.26	3767251.08	25.44266
396718.26	3767251.08	29.26373	396758.26	3767251.08	33.71659
396798.26	3767251.08	39.63435	396838.26	3767251.08	47.22410
396878.26	3767251.08	57.86649	396918.26	3767251.08	80.13217
396958.26	3767251.08	97.73854	396998.26	3767251.08	117.73213
397038.26	3767251.08	130.74160	397078.26	3767251.08	167.71217
397118.26	3767251.08	258.04801	397318.26	3767251.08	126.02604
397358.26	3767251.08	103.74355	397398.26	3767251.08	92.75451
397438.26	3767251.08	82.63675	397478.26	3767251.08	73.78838
397518.26	3767251.08	59.92158	397558.26	3767251.08	49.86051
397598.26	3767251.08	39.94617	397638.26	3767251.08	31.31343
397678.26	3767251.08	26.61251	397718.26	3767251.08	22.61802
396558.26	3767291.08	29.65681	396598.26	3767291.08	26.18330
396638.26	3767291.08	28.03462	396678.26	3767291.08	27.83799
396718.26	3767291.08	28.30247	396758.26	3767291.08	31.29991
396798.26	3767291.08	35.25491	396838.26	3767291.08	41.18711
396878.26	3767291.08	53.18234	396918.26		

3767291.08   67.23558
         396958.26   3767291.08   76.67698   396998.26
3767291.08   83.77149
         397038.26   3767291.08   87.78647   397078.26
3767291.08   97.30851
         397118.26   3767291.08   115.42763   397158.26
3767291.08   212.88054
         397278.26   3767291.08   130.09361   397318.26
3767291.08   112.25915
         397358.26   3767291.08   98.98750   397398.26
3767291.08   85.04426
         397438.26   3767291.08   76.75787   397478.26
3767291.08   70.32465
         397518.26   3767291.08   63.74501   397558.26
3767291.08   58.26731
         397598.26   3767291.08   53.06866   397638.26
3767291.08   42.98026
         397678.26   3767291.08   29.44098   397718.26
3767291.08   24.57809
         396558.26   3767331.08   35.86459   396598.26
3767331.08   36.84890
         396638.26   3767331.08   37.65494   396678.26
3767331.08   31.08375
         396718.26   3767331.08   27.56286   396758.26
3767331.08   28.33920
         396798.26   3767331.08   31.96528   396838.26
3767331.08   36.45456
         396878.26   3767331.08   45.49113   396918.26
3767331.08   58.28426
         396958.26   3767331.08   65.17885   396998.26
3767331.08   68.22034
         397038.26   3767331.08   70.76521   397078.26
3767331.08   82.28247
         397118.26   3767331.08   104.02079   397158.26
3767331.08   124.57233

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015

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 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08      135.69921                      397238.26
3767331.08      128.88529
         397278.26    3767331.08      115.02066                      397318.26
3767331.08       96.88897
         397358.26    3767331.08       86.50658                      397398.26
3767331.08       77.91489
         397438.26    3767331.08       72.37501                      397478.26
3767331.08       66.67576
         397518.26    3767331.08       60.41739                      397558.26
3767331.08       56.59393
         397598.26    3767331.08       52.64602                      397638.26
3767331.08       47.83111
         397678.26    3767331.08       37.92888                      397718.26
3767331.08       27.24798
         396558.26    3767371.08       34.97756                      396598.26
3767371.08       34.70717
         396638.26    3767371.08       33.92854                      396678.26
3767371.08       25.87284
         396718.26    3767371.08       24.16228                      396758.26
3767371.08       26.41555
         396798.26    3767371.08       28.80660                      396838.26
3767371.08       31.22297
         396878.26    3767371.08       35.14003                      396918.26
3767371.08       47.91439
         396958.26    3767371.08       55.01181                      396998.26
3767371.08       58.80048
         397038.26    3767371.08       59.78234                      397078.26
3767371.08       64.65904
         397118.26    3767371.08       74.85256                      397158.26
3767371.08       89.75633
         397198.26    3767371.08       95.29402                      397238.26
3767371.08       95.62479
         397278.26    3767371.08       93.67023                      397318.26
3767371.08       87.86278
         397358.26    3767371.08       78.44088                      397398.26
3767371.08       72.61249
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         397438.26    3767371.08       66.54690                      397478.26
3767371.08       61.31401
         397518.26    3767371.08       58.06620                      397558.26
3767371.08       54.60836
         397598.26    3767371.08       50.38367                      397638.26
3767371.08       46.51948
         397678.26    3767371.08       43.33847                      397718.26
3767371.08       33.99662
         396558.26    3767411.08       34.01619                      396598.26
3767411.08       32.00497
         396638.26    3767411.08       25.36333                      396678.26
3767411.08       21.36768
         396718.26    3767411.08       22.10494                      396758.26
3767411.08       23.65195
         396798.26    3767411.08       26.05083                      396838.26
3767411.08       27.94865
         396878.26    3767411.08       30.10530                      396918.26
3767411.08       38.63889
         396958.26    3767411.08       48.61690                      396998.26
3767411.08       50.64077
         397038.26    3767411.08       49.74783                      397078.26
3767411.08       55.18241
         397118.26    3767411.08       63.34713                      397158.26
3767411.08       73.25934
         397198.26    3767411.08       79.25762                      397238.26
3767411.08       82.07849
         397278.26    3767411.08       80.62761                      397318.26
3767411.08       80.43019
         397358.26    3767411.08       76.01398                      397398.26
3767411.08       66.54822
         397438.26    3767411.08       62.81525                      397478.26
3767411.08       58.41239
         397518.26    3767411.08       53.93878                      397558.26
3767411.08       50.96061
         397598.26    3767411.08       48.62689                      397638.26
3767411.08       45.85520
         397678.26    3767411.08       42.66109                      397718.26
3767411.08       38.26743
         396558.26    3767451.08       31.82239                      396598.26
3767451.08       30.06707
         396638.26    3767451.08       24.24199                      396678.26
3767451.08       22.17051
         396718.26    3767451.08       21.87772                      396758.26
3767451.08       22.39339
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:52:36
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** 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
396798.26	3767451.08	23.53774	396838.26	3767451.08	24.81029
396878.26	3767451.08	26.16026	396918.26	3767451.08	33.53470
396958.26	3767451.08	41.88715	396998.26	3767451.08	45.89837
397038.26	3767451.08	45.79265	397078.26	3767451.08	49.01878
397118.26	3767451.08	56.47483	397158.26	3767451.08	63.00697
397198.26	3767451.08	69.33883	397238.26	3767451.08	70.51452
397278.26	3767451.08	71.99193	397318.26	3767451.08	70.69805
397358.26	3767451.08	71.06719	397398.26	3767451.08	66.66326
397438.26	3767451.08	58.83564	397478.26	3767451.08	55.22323
397518.26	3767451.08	52.18814	397558.26	3767451.08	48.56610
397598.26	3767451.08	45.33787	397638.26	3767451.08	43.26392
397678.26	3767451.08	41.30343	397718.26	3767451.08	38.72305
396558.26	3767491.08	29.44097	396598.26	3767491.08	28.47606
396638.26	3767491.08	29.36587	396678.26		

3767491.08 30.01751
396718.26 3767491.08 26.99330 396758.26
3767491.08 20.31631
396798.26 3767491.08 21.03838 396838.26
3767491.08 21.67927
396878.26 3767491.08 23.30359 396918.26
3767491.08 29.12366
396958.26 3767491.08 35.52146 396998.26
3767491.08 41.14203
397038.26 3767491.08 41.70063 397078.26
3767491.08 44.12852
397118.26 3767491.08 51.23636 397158.26
3767491.08 55.17829
397198.26 3767491.08 61.57802 397238.26
3767491.08 62.02208
397278.26 3767491.08 64.66538 397318.26
3767491.08 63.85793
397358.26 3767491.08 63.23404 397398.26
3767491.08 63.43336
397438.26 3767491.08 59.28701 397478.26
3767491.08 52.70241
397518.26 3767491.08 48.86232 397558.26
3767491.08 46.81671
397598.26 3767491.08 43.95627 397638.26
3767491.08 41.12873
397678.26 3767491.08 38.63278 397718.26
3767491.08 36.84126
396558.26 3767531.08 28.74848 396598.26
3767531.08 29.41116
396638.26 3767531.08 31.18365 396678.26
3767531.08 32.75140
396718.26 3767531.08 28.57449 396758.26
3767531.08 18.08928
396798.26 3767531.08 18.54884 396838.26
3767531.08 19.81709
396878.26 3767531.08 22.10713 396918.26
3767531.08 24.76072
396958.26 3767531.08 28.99932 396998.26
3767531.08 35.31590
397038.26 3767531.08 38.06167 397078.26
3767531.08 41.13680
397118.26 3767531.08 47.54386 397158.26
3767531.08 50.82312
397198.26 3767531.08 55.15704 397238.26
3767531.08 57.32103
397278.26 3767531.08 57.49811 397318.26
3767531.08 58.56922
397358.26 3767531.08 56.88300 397398.26
3767531.08 57.92103
397438.26 3767531.08 56.36433 397478.26

3767531.08   52.69186
         397518.26   3767531.08   47.35469   397558.26
3767531.08   43.53899

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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
 -
- -
         397598.26   3767531.08   42.33219   397638.26
3767531.08   39.94625
         397678.26   3767531.08   37.10715   397718.26
3767531.08   35.25858
         397320.82   3767219.11   137.02349   397330.82
3767209.11   131.84617
         397340.82   3767189.11   127.37079   397340.82
3767199.11   123.73253
         397340.82   3767209.11   122.48639   397350.82
3767189.11   114.95936
         397350.82   3767199.11   113.11961   397360.82
3767189.11   100.65684
         397360.82   3767199.11   97.31978   397370.82
3767189.11   83.29723
         397380.82   3767189.11   76.38881   396920.42
3767167.32   102.40781
         396989.95   3767243.54   124.38627   397044.10
3767223.97   255.62388

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         397113.57    3767239.93      271.70713                      397158.63
3767280.29      231.99216
         397168.95    3767307.05      167.09960                      397244.05
3767296.72      163.97134
         397260.95    3767278.88      167.34265                      397409.74
3767205.66       77.76483
         397422.89    3767189.23       68.40494                      397426.64
3767180.78       66.50301
         397420.54    3767170.46       65.58975                      397318.68
3767160.13      151.11119
         397022.98    3767083.62      157.26186                      396943.60
3767192.73      136.85515
         396966.77    3767218.13      143.56108                      397017.03
3767233.75      197.95245
         397078.83    3767231.95      264.93878                      397136.10
3767260.11      251.94944
         397206.50    3767301.88      172.34433                      397298.15
3767260.58      136.58575
         397335.34    3767242.27      116.50198                      397372.54
3767223.96       91.42787
         397386.59    3767167.02       75.72999                      397352.63
3767163.57      109.08175
         397276.44    3767149.20      188.02171                      397234.19
3767138.27      190.87665
         397191.95    3767127.34      200.38300                      397149.71
3767116.41      208.15724
         397107.47    3767105.48      205.71247                      397065.22
3767094.55      189.28420
         396988.79    3767111.52      163.37598                      396954.61
3767139.42      159.54301
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:52:36

                                   PAGE  55
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** 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
 -
- -
         396558.26   3766771.08   5.56519   396598.26
3766771.08   6.48479
         396638.26   3766771.08   8.02563   396678.26
3766771.08   9.67191
         396718.26   3766771.08   11.35808   396758.26
3766771.08   12.67392
         396798.26   3766771.08   13.17431   396838.26
3766771.08   14.22521
         396878.26   3766771.08   15.14143   396918.26
3766771.08   15.90970
         396958.26   3766771.08   16.16367   396998.26
3766771.08   15.37182
         397038.26   3766771.08   14.04930   397078.26
3766771.08   12.05294
         397118.26   3766771.08   9.93895   397158.26
3766771.08   7.29386
         397198.26   3766771.08   6.01329   397238.26
3766771.08   5.79018
         397278.26   3766771.08   6.01343   397318.26
3766771.08   6.62395
         397358.26   3766771.08   6.55375   397398.26
3766771.08   6.19728
         397438.26   3766771.08   6.25629   397478.26
3766771.08   6.75429
         397518.26   3766771.08   6.07592   397558.26
3766771.08   5.94398
         397598.26   3766771.08   5.65568   397638.26
3766771.08   5.37621
         397678.26   3766771.08   5.20754   397718.26
3766771.08   4.87815
         396558.26   3766811.08   5.77148   396598.26
3766811.08   6.64474
         396638.26   3766811.08   8.23130   396678.26
3766811.08   10.02751
         396718.26   3766811.08   11.56141   396758.26
3766811.08   12.72046
         396798.26   3766811.08   14.23929   396838.26
3766811.08   15.43792
         396878.26   3766811.08   16.47092   396918.26
3766811.08   17.49401
         396958.26   3766811.08   18.14611   396998.26
3766811.08   17.68364
         397038.26   3766811.08   16.19640   397078.26
3766811.08   14.21640
         397118.26   3766811.08   12.17871   397158.26
3766811.08   9.24256
         397198.26   3766811.08   7.33012   397238.26

3766811.08   7.16167
         397278.26   3766811.08   7.35555   397318.26
3766811.08   7.43120
         397358.26   3766811.08   7.31604   397398.26
3766811.08   7.57692
         397438.26   3766811.08   7.80093   397478.26
3766811.08   7.09751
         397518.26   3766811.08   6.93300   397558.26
3766811.08   6.73472
         397598.26   3766811.08   6.76523   397638.26
3766811.08   6.11718
         397678.26   3766811.08   6.05596   397718.26
3766811.08   5.56284
         396558.26   3766851.08   5.90898   396598.26
3766851.08   6.80724
         396638.26   3766851.08   8.07979   396678.26
3766851.08   9.66877
         396718.26   3766851.08   11.31663   396758.26
3766851.08   12.92191
         396798.26   3766851.08   14.79835   396838.26
3766851.08   16.57281
         396878.26   3766851.08   17.99124   396918.26
3766851.08   19.03537
         396958.26   3766851.08   19.72566   396998.26
3766851.08   19.68009
         397038.26   3766851.08   18.41336   397078.26
3766851.08   16.60377
         397118.26   3766851.08   14.37131   397158.26
3766851.08   11.31442
         397198.26   3766851.08   9.47687   397238.26
3766851.08   9.15409
         397278.26   3766851.08   9.32909   397318.26
3766851.08   8.40095

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** 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
397358.26	3766851.08	8.99597	397398.26	3766851.08	9.05608
397438.26	3766851.08	8.30260	397478.26	3766851.08	8.39411
397518.26	3766851.08	8.26272	397558.26	3766851.08	7.88475
397598.26	3766851.08	7.53714	397638.26	3766851.08	7.49461
397678.26	3766851.08	6.35102	397718.26	3766851.08	5.58981
396558.26	3766891.08	5.76831	396598.26	3766891.08	6.81830
396638.26	3766891.08	8.17023	396678.26	3766891.08	9.76181
396718.26	3766891.08	11.38373	396758.26	3766891.08	13.28773
396798.26	3766891.08	15.13898	396838.26	3766891.08	17.27024
396878.26	3766891.08	19.28691	396918.26	3766891.08	20.26175
396958.26	3766891.08	21.51366	396998.26	3766891.08	21.77350
397038.26	3766891.08	20.76475	397078.26	3766891.08	19.44978
397118.26	3766891.08	16.87355	397158.26	3766891.08	13.63012
397198.26	3766891.08	11.84995	397238.26	3766891.08	11.84237
397278.26	3766891.08	10.93612	397318.26	3766891.08	11.15941
397358.26	3766891.08	10.73098	397398.26	3766891.08	9.87026
397438.26	3766891.08	9.76109	397478.26	3766891.08	10.21818
397518.26	3766891.08	9.24445	397558.26	3766891.08	9.55973
397598.26	3766891.08	8.51837	397638.26	3766891.08	7.47744
397678.26	3766891.08	6.70856	397718.26	3766891.08	6.16834
396558.26	3766931.08	5.56749	396598.26	3766931.08	6.40646
396638.26	3766931.08	7.88166	396678.26	3766931.08	9.53524

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         396718.26    3766931.08       11.52640                       396758.26
3766931.08       13.27164
         396798.26    3766931.08       15.51338                       396838.26
3766931.08       17.64653
         396878.26    3766931.08       19.96404                       396918.26
3766931.08       21.81552
         396958.26    3766931.08       23.20159                       396998.26
3766931.08       24.31051
         397038.26    3766931.08       24.16865                       397078.26
3766931.08       22.70200
         397118.26    3766931.08       20.05933                       397158.26
3766931.08       17.34226
         397198.26    3766931.08       15.98570                       397238.26
3766931.08       14.21754
         397278.26    3766931.08       14.61286                       397318.26
3766931.08       13.02983
         397358.26    3766931.08       12.71490                       397398.26
3766931.08       12.24644
         397438.26    3766931.08       11.99312                       397478.26
3766931.08       11.82418
         397518.26    3766931.08       11.45333                       397558.26
3766931.08        9.79770
         397598.26    3766931.08        8.86608                       397638.26
3766931.08        8.30398
         397678.26    3766931.08        7.64172                       397718.26
3766931.08        6.77861
         396558.26    3766971.08        5.39325                       396598.26
3766971.08        6.20294
         396638.26    3766971.08        7.44822                       396678.26
3766971.08        8.82842
         396718.26    3766971.08       10.72683                       396758.26
3766971.08       13.13947
         396798.26    3766971.08       15.43308                       396838.26
3766971.08       17.86924
         396878.26    3766971.08       20.46547                       396918.26
3766971.08       23.29555
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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  57
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** 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
396958.26	3766971.08	25.49518	396998.26	3766971.08	27.83537
397038.26	3766971.08	28.14046	397078.26	3766971.08	26.45416
397118.26	3766971.08	28.67380	397158.26	3766971.08	32.77600
397198.26	3766971.08	24.84019	397238.26	3766971.08	20.02924
397278.26	3766971.08	17.34678	397318.26	3766971.08	15.66285
397358.26	3766971.08	15.70195	397398.26	3766971.08	14.84187
397438.26	3766971.08	14.98375	397478.26	3766971.08	12.99085
397518.26	3766971.08	11.68792	397558.26	3766971.08	10.70342
397598.26	3766971.08	10.39904	397638.26	3766971.08	9.43722
397678.26	3766971.08	8.58141	397718.26	3766971.08	7.67726
396558.26	3767011.08	5.26543	396598.26	3767011.08	5.89258
396638.26	3767011.08	7.00499	396678.26	3767011.08	8.37826
396718.26	3767011.08	10.04385	396758.26	3767011.08	11.90353
396798.26	3767011.08	14.49132	396838.26	3767011.08	17.59213
396878.26	3767011.08	20.53348	396918.26	3767011.08	24.43795
396958.26	3767011.08	27.96780	396998.26	3767011.08	30.92664
397038.26	3767011.08	32.88306	397078.26	3767011.08	39.97730
397118.26	3767011.08	42.56628	397158.26	3767011.08	44.58858
397198.26	3767011.08	43.14395	397238.26	3767011.08	38.69204
397278.26	3767011.08	29.71473	397318.26	3767011.08	20.13754
397358.26	3767011.08	18.20459	397398.26		

3767011.08   17.45274
         397438.26   3767011.08   16.46383   397478.26
3767011.08   14.78565
         397518.26   3767011.08   13.67843   397558.26
3767011.08   12.30663
         397598.26   3767011.08   11.02541   397638.26
3767011.08   10.00029
         397678.26   3767011.08   8.73720   397718.26
3767011.08   7.70176
         396558.26   3767051.08   5.23169   396598.26
3767051.08   6.01541
         396638.26   3767051.08   6.82857   396678.26
3767051.08   8.02037
         396718.26   3767051.08   9.32090   396758.26
3767051.08   10.90919
         396798.26   3767051.08   13.57581   396838.26
3767051.08   15.90364
         396878.26   3767051.08   20.09418   396918.26
3767051.08   24.93209
         396958.26   3767051.08   30.20861   396998.26
3767051.08   38.58469
         397038.26   3767051.08   61.19627   397078.26
3767051.08   49.19891
         397118.26   3767051.08   41.81805   397158.26
3767051.08   41.79505
         397198.26   3767051.08   42.98088   397238.26
3767051.08   43.13222
         397278.26   3767051.08   42.74131   397318.26
3767051.08   29.28659
         397358.26   3767051.08   20.97732   397398.26
3767051.08   18.70232
         397438.26   3767051.08   17.16167   397478.26
3767051.08   15.68786
         397518.26   3767051.08   14.08086   397558.26
3767051.08   12.48461
         397598.26   3767051.08   10.98377   397638.26
3767051.08   9.68757
         397678.26   3767051.08   8.38311   397718.26
3767051.08   7.19535

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08

*** 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
396558.26	3767091.08	5.07507	396598.26	3767091.08	5.91429
396638.26	3767091.08	6.67426	396678.26	3767091.08	7.65300
396718.26	3767091.08	9.01520	396758.26	3767091.08	10.57012
396798.26	3767091.08	12.34695	396838.26	3767091.08	14.79130
396878.26	3767091.08	18.34425	396918.26	3767091.08	23.09305
396958.26	3767091.08	30.70539	396998.26	3767091.08	59.77828
397078.26	3767091.08	46.08337	397118.26	3767091.08	41.32020
397158.26	3767091.08	42.81677	397198.26	3767091.08	41.64380
397238.26	3767091.08	41.22721	397278.26	3767091.08	41.78935
397318.26	3767091.08	37.73423	397358.26	3767091.08	23.72930
397398.26	3767091.08	20.03823	397438.26	3767091.08	17.98436
397478.26	3767091.08	15.85475	397518.26	3767091.08	13.79146
397558.26	3767091.08	11.96930	397598.26	3767091.08	10.85416
397638.26	3767091.08	9.54608	397678.26	3767091.08	8.04347
397718.26	3767091.08	7.12987	396558.26	3767131.08	5.27440
396598.26	3767131.08	5.95474	396638.26	3767131.08	6.55192
396678.26	3767131.08	7.19408	396718.26	3767131.08	8.45749
396758.26	3767131.08	9.80151	396798.26	3767131.08	11.57491
396838.26	3767131.08	13.66547	396878.26	3767131.08	16.90275

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3767131.08       32.54328
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3767131.08       38.03811
         397318.26    3767131.08       38.34142                       397358.26
3767131.08       29.03340
         397398.26    3767131.08       20.90296                       397438.26
3767131.08       18.46105
         397478.26    3767131.08       15.91324                       397518.26
3767131.08       13.70551
         397558.26    3767131.08       12.34451                       397598.26
3767131.08       11.13170
         397638.26    3767131.08       10.13228                       397678.26
3767131.08        9.00646
         397718.26    3767131.08        8.05798                       396558.26
3767171.08        5.27318
         396598.26    3767171.08        5.94559                       396638.26
3767171.08        6.68881
         396678.26    3767171.08        7.41165                       396718.26
3767171.08        8.38638
         396758.26    3767171.08        9.68443                       396798.26
3767171.08       11.31274
         396838.26    3767171.08       13.52243                       396878.26
3767171.08       16.39816
         396918.26    3767171.08       19.51887                       397438.26
3767171.08       20.89907
         397478.26    3767171.08       18.49964                       397518.26
3767171.08       16.37891
         397558.26    3767171.08       14.61180                       397598.26
3767171.08       13.11953
         397638.26    3767171.08       11.69700                       397678.26
3767171.08       10.44240
         397718.26    3767171.08        9.32416                       396558.26
3767211.08        5.39428
         396598.26    3767211.08        6.03308                       396638.26
3767211.08        6.75117
         396678.26    3767211.08        7.72756                       396718.26
3767211.08        8.52411
         396758.26    3767211.08        9.56780                       396798.26
3767211.08       11.24105
         396838.26    3767211.08       13.62823                       396878.26
3767211.08       16.30677
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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  59
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** 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
396918.26	3767211.08	19.27361	396958.26	3767211.08	22.43818
397438.26	3767211.08	21.17023	397478.26	3767211.08	19.11742
397518.26	3767211.08	17.42092	397558.26	3767211.08	15.62928
397598.26	3767211.08	13.88519	397638.26	3767211.08	12.12324
397678.26	3767211.08	10.51884	397718.26	3767211.08	9.35848
396558.26	3767251.08	5.75791	396598.26	3767251.08	6.53985
396638.26	3767251.08	7.37773	396678.26	3767251.08	8.34539
396718.26	3767251.08	9.34450	396758.26	3767251.08	10.24746
396798.26	3767251.08	11.62737	396838.26	3767251.08	13.85815
396878.26	3767251.08	17.00417	396918.26	3767251.08	18.72153
396958.26	3767251.08	20.77317	396998.26	3767251.08	27.94425
397038.26	3767251.08	24.66628	397078.26	3767251.08	22.77247
397118.26	3767251.08	31.51349	397318.26	3767251.08	36.88025
397358.26	3767251.08	26.74222	397398.26	3767251.08	23.55061
397438.26	3767251.08	20.84653	397478.26	3767251.08	18.56723
397518.26	3767251.08	16.78401	397558.26	3767251.08	15.14160
397598.26	3767251.08	13.52097	397638.26	3767251.08	12.13033
397678.26	3767251.08	10.90884	397718.26		

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3767291.08        8.92760
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3767291.08       10.38807
         396798.26    3767291.08       11.28249                    396838.26
3767291.08       12.68696
         396878.26    3767291.08       14.62755                    396918.26
3767291.08       16.27683
         396958.26    3767291.08       17.45626                    396998.26
3767291.08       20.09992
         397038.26    3767291.08       25.94900                    397078.26
3767291.08       39.50076
         397118.26    3767291.08       37.93858                    397158.26
3767291.08       30.09472
         397278.26    3767291.08       35.55375                    397318.26
3767291.08       30.06047
         397358.26    3767291.08       24.86616                    397398.26
3767291.08       24.46481
         397438.26    3767291.08       21.14106                    397478.26
3767291.08       17.95552
         397518.26    3767291.08       15.62179                    397558.26
3767291.08       14.11641
         397598.26    3767291.08       12.76370                    397638.26
3767291.08       11.38547
         397678.26    3767291.08       10.18372                    397718.26
3767291.08        9.13335
         396558.26    3767331.08        6.44276                    396598.26
3767331.08        7.10182
         396638.26    3767331.08        7.66140                    396678.26
3767331.08        8.23387
         396718.26    3767331.08        9.20010                    396758.26
3767331.08        9.84072
         396798.26    3767331.08       10.60054                    396838.26
3767331.08       11.88962
         396878.26    3767331.08       13.31594                    396918.26
3767331.08       13.54003
         396958.26    3767331.08       14.17109                    396998.26
3767331.08       14.79038
         397038.26    3767331.08       19.03140                    397078.26
3767331.08       31.72497
         397118.26    3767331.08       43.84097                    397158.26
3767331.08       51.44104
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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** 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
397198.26	3767331.08	45.95499	397238.26	3767331.08	41.36481
397278.26	3767331.08	34.17251	397318.26	3767331.08	24.66384
397358.26	3767331.08	23.23531	397398.26	3767331.08	23.78756
397438.26	3767331.08	21.10572	397478.26	3767331.08	18.30189
397518.26	3767331.08	16.33308	397558.26	3767331.08	14.38689
397598.26	3767331.08	12.75159	397638.26	3767331.08	11.05600
397678.26	3767331.08	9.47627	397718.26	3767331.08	8.46216
396558.26	3767371.08	5.94015	396598.26	3767371.08	6.52812
396638.26	3767371.08	7.30858	396678.26	3767371.08	8.20236
396718.26	3767371.08	8.79746	396758.26	3767371.08	9.51225
396798.26	3767371.08	9.65330	396838.26	3767371.08	10.05705
396878.26	3767371.08	11.11299	396918.26	3767371.08	11.78467
396958.26	3767371.08	12.09022	396998.26	3767371.08	12.53673
397038.26	3767371.08	15.13758	397078.26	3767371.08	22.27149
397118.26	3767371.08	27.79374	397158.26	3767371.08	37.61610
397198.26	3767371.08	33.26231	397238.26	3767371.08	29.07381

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         397278.26    3767371.08       25.57476                      397318.26
3767371.08       23.21715
         397358.26    3767371.08       21.00281                      397398.26
3767371.08       21.30676
         397438.26    3767371.08       19.70304                      397478.26
3767371.08       17.76903
         397518.26    3767371.08       15.72411                      397558.26
3767371.08       14.22985
         397598.26    3767371.08       12.76980                      397638.26
3767371.08       11.47214
         397678.26    3767371.08       10.00649                      397718.26
3767371.08        8.57117
         396558.26    3767411.08        5.97912                      396598.26
3767411.08        6.38592
         396638.26    3767411.08        6.87795                      396678.26
3767411.08        7.40318
         396718.26    3767411.08        7.97705                      396758.26
3767411.08        8.27187
         396798.26    3767411.08        8.34849                      396838.26
3767411.08        8.93444
         396878.26    3767411.08        9.91733                      396918.26
3767411.08        9.99749
         396958.26    3767411.08       10.79459                      396998.26
3767411.08       11.03347
         397038.26    3767411.08       13.29989                      397078.26
3767411.08       18.16163
         397118.26    3767411.08       23.77929                      397158.26
3767411.08       25.56315
         397198.26    3767411.08       26.05081                      397238.26
3767411.08       25.44321
         397278.26    3767411.08       23.32020                      397318.26
3767411.08       21.52360
         397358.26    3767411.08       19.88634                      397398.26
3767411.08       19.01368
         397438.26    3767411.08       17.89196                      397478.26
3767411.08       16.66798
         397518.26    3767411.08       15.19067                      397558.26
3767411.08       13.79718
         397598.26    3767411.08       12.51699                      397638.26
3767411.08       11.18700
         397678.26    3767411.08       10.16077                      397718.26
3767411.08        8.77177
         396558.26    3767451.08        5.46775                      396598.26
3767451.08        5.71975
         396638.26    3767451.08        6.14181                      396678.26
3767451.08        6.46347
         396718.26    3767451.08        6.94867                      396758.26
3767451.08        7.46913
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

                                                *** 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
396798.26	3767451.08	7.69413	396838.26	3767451.08	8.17712
396878.26	3767451.08	8.92467	396918.26	3767451.08	9.48617
396958.26	3767451.08	9.49399	396998.26	3767451.08	9.79219
397038.26	3767451.08	11.65804	397078.26	3767451.08	15.02676
397118.26	3767451.08	19.63314	397158.26	3767451.08	20.84400
397198.26	3767451.08	22.75720	397238.26	3767451.08	22.12034
397278.26	3767451.08	21.51368	397318.26	3767451.08	20.06734
397358.26	3767451.08	18.72270	397398.26	3767451.08	17.70291
397438.26	3767451.08	16.34710	397478.26	3767451.08	15.18704
397518.26	3767451.08	14.37786	397558.26	3767451.08	13.21166
397598.26	3767451.08	11.99382	397638.26	3767451.08	10.89052
397678.26	3767451.08	9.85757	397718.26	3767451.08	8.73418
396558.26	3767491.08	4.92647	396598.26	3767491.08	5.12478
396638.26	3767491.08	5.62174	396678.26	3767491.08	6.09781
396718.26	3767491.08	6.46212	396758.26		

3767491.08 6.71196
396798.26 3767491.08 6.95981 396838.26
3767491.08 7.81372
396878.26 3767491.08 7.98399 396918.26
3767491.08 8.75759
396958.26 3767491.08 8.80694 396998.26
3767491.08 8.89399
397038.26 3767491.08 10.40658 397078.26
3767491.08 13.03429
397118.26 3767491.08 16.48601 397158.26
3767491.08 17.74017
397198.26 3767491.08 19.60474 397238.26
3767491.08 19.88029
397278.26 3767491.08 20.03313 397318.26
3767491.08 18.70874
397358.26 3767491.08 17.49265 397398.26
3767491.08 16.32411
397438.26 3767491.08 15.25623 397478.26
3767491.08 14.21647
397518.26 3767491.08 13.27580 397558.26
3767491.08 12.39554
397598.26 3767491.08 11.36045 397638.26
3767491.08 10.35604
397678.26 3767491.08 9.38956 397718.26
3767491.08 8.52513
396558.26 3767531.08 4.48184 396598.26
3767531.08 5.01309
396638.26 3767531.08 5.54557 396678.26
3767531.08 5.70927
396718.26 3767531.08 5.69817 396758.26
3767531.08 6.25816
396798.26 3767531.08 6.59805 396838.26
3767531.08 7.03960
396878.26 3767531.08 7.65829 396918.26
3767531.08 7.81135
396958.26 3767531.08 8.07640 396998.26
3767531.08 8.41611
397038.26 3767531.08 9.68319 397078.26
3767531.08 11.82714
397118.26 3767531.08 14.62295 397158.26
3767531.08 16.05173
397198.26 3767531.08 17.10346 397238.26
3767531.08 18.09328
397278.26 3767531.08 17.51763 397318.26
3767531.08 17.39585
397358.26 3767531.08 16.26749 397398.26
3767531.08 15.14974
397438.26 3767531.08 14.40993 397478.26
3767531.08 13.61859
397518.26 3767531.08 12.49765 397558.26

3767531.08   11.51793

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

*** 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
397598.26	3767531.08	10.45261	397638.26	3767531.08	9.83534
397678.26	3767531.08	9.05162	397718.26	3767531.08	8.16685
397320.82	3767219.11	44.30453	397330.82	3767209.11	44.20463
397340.82	3767189.11	44.65940	397340.82	3767199.11	44.55288
397340.82	3767209.11	46.50970	397350.82	3767189.11	46.21890
397350.82	3767199.11	44.62413	397360.82	3767189.11	35.53008
397360.82	3767199.11	34.33747	397370.82	3767189.11	29.56549
397380.82	3767189.11	26.63904	396920.42	3767167.32	19.96658
396989.95	3767243.54	29.01595	397044.10	3767223.97	28.11991
397113.57	3767239.93	34.92771	397158.63	3767280.29	30.96390
397168.95	3767307.05	28.65867	397244.05	3767296.72	33.00988
397260.95	3767278.88	28.60948	397409.74	3767205.66	23.66391
397422.89	3767189.23	22.53455	397426.64	3767180.78	21.62920

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         397420.54    3767170.46       21.94125                       397318.68
3767160.13       36.39721
         397022.98    3767083.62       60.06812                       396943.60
3767192.73       21.33886
         396966.77    3767218.13       25.26075                       397017.03
3767233.75       27.63439
         397078.83    3767231.95       26.44610                       397136.10
3767260.11       33.46014
         397206.50    3767301.88       29.30763                       397298.15
3767260.58       36.54879
         397335.34    3767242.27       35.08988                       397372.54
3767223.96       26.57695
         397386.59    3767167.02       24.49795                       397352.63
3767163.57       37.07993
         397276.44    3767149.20       33.64907                       397234.19
3767138.27       33.56744
         397191.95    3767127.34       34.25961                       397149.71
3767116.41       36.96896
         397107.47    3767105.48       40.44772                       397065.22
3767094.55       45.66112
         396988.79    3767111.52       56.94701                       396954.61
3767139.42       29.06378
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:52:36

                                   PAGE  63
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** 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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- -
396558.26 3766771.08 5.79368 396598.26
3766771.08 6.29668
396638.26 3766771.08 6.90727 396678.26
3766771.08 7.53061
396718.26 3766771.08 8.15996 396758.26
3766771.08 8.82889
396798.26 3766771.08 9.49678 396838.26
3766771.08 10.22725
396878.26 3766771.08 10.95939 396918.26
3766771.08 11.67673
396958.26 3766771.08 12.31855 396998.26
3766771.08 12.86893
397038.26 3766771.08 13.28461 397078.26
3766771.08 13.53808
397118.26 3766771.08 13.59997 397158.26
3766771.08 13.46496
397198.26 3766771.08 13.20194 397238.26
3766771.08 12.81628
397278.26 3766771.08 12.32027 397318.26
3766771.08 11.73710
397358.26 3766771.08 11.08940 397398.26
3766771.08 10.41463
397438.26 3766771.08 9.72577 397478.26
3766771.08 9.07226
397518.26 3766771.08 8.41871 397558.26
3766771.08 7.79882
397598.26 3766771.08 7.20098 397638.26
3766771.08 6.66626
397678.26 3766771.08 6.17433 397718.26
3766771.08 5.73224
396558.26 3766811.08 6.13432 396598.26
3766811.08 6.68923
396638.26 3766811.08 7.39757 396678.26
3766811.08 8.13294
396718.26 3766811.08 8.90524 396758.26
3766811.08 9.66733
396798.26 3766811.08 10.55452 396838.26
3766811.08 11.49444
396878.26 3766811.08 12.45643 396918.26
3766811.08 13.41603
396958.26 3766811.08 14.29320 396998.26
3766811.08 15.05607
397038.26 3766811.08 15.62971 397078.26
3766811.08 15.97627
397118.26 3766811.08 16.10408 397158.26
3766811.08 15.96369
397198.26 3766811.08 15.56069 397238.26
3766811.08 14.96674
397278.26 3766811.08 14.25134 397318.26

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3766811.08       13.45918
         397358.26    3766811.08       12.60896                      397398.26
3766811.08       11.72947
         397438.26    3766811.08       10.85117                      397478.26
3766811.08       10.02943
         397518.26    3766811.08        9.22391                      397558.26
3766811.08        8.45238
         397598.26    3766811.08        7.76508                      397638.26
3766811.08        7.15041
         397678.26    3766811.08        6.58194                      397718.26
3766811.08        6.06812
         396558.26    3766851.08        6.49895                      396598.26
3766851.08        7.10333
         396638.26    3766851.08        7.84619                      396678.26
3766851.08        8.72123
         396718.26    3766851.08        9.63759                      396758.26
3766851.08       10.65737
         396798.26    3766851.08       11.75785                      396838.26
3766851.08       12.98486
         396878.26    3766851.08       14.28722                      396918.26
3766851.08       15.57508
         396958.26    3766851.08       16.81916                      396998.26
3766851.08       17.87964
         397038.26    3766851.08       18.69231                      397078.26
3766851.08       19.21298
         397118.26    3766851.08       19.39298                      397158.26
3766851.08       19.18723
         397198.26    3766851.08       18.62560                      397238.26
3766851.08       17.81295
         397278.26    3766851.08       16.78709                      397318.26
3766851.08       15.61633
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  64
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,
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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
397358.26	3766851.08	14.45312	397398.26	3766851.08	13.29062
397438.26	3766851.08	12.16100	397478.26	3766851.08	11.08901
397518.26	3766851.08	10.09463	397558.26	3766851.08	9.18757
397598.26	3766851.08	8.38301	397638.26	3766851.08	7.64905
397678.26	3766851.08	6.99491	397718.26	3766851.08	6.41121
396558.26	3766891.08	6.85952	396598.26	3766891.08	7.53757
396638.26	3766891.08	8.37561	396678.26	3766891.08	9.39051
396718.26	3766891.08	10.49568	396758.26	3766891.08	11.73655
396798.26	3766891.08	13.18191	396838.26	3766891.08	14.74539
396878.26	3766891.08	16.51277	396918.26	3766891.08	18.28837
396958.26	3766891.08	20.07421	396998.26	3766891.08	21.62833
397038.26	3766891.08	22.84376	397078.26	3766891.08	23.67230
397118.26	3766891.08	23.87839	397158.26	3766891.08	23.46545
397198.26	3766891.08	22.70065	397238.26	3766891.08	21.49476
397278.26	3766891.08	20.04966	397318.26	3766891.08	18.46013
397358.26	3766891.08	16.78459	397398.26	3766891.08	15.16526
397438.26	3766891.08	13.68044	397478.26	3766891.08	12.31632
397518.26	3766891.08	11.08496	397558.26	3766891.08	9.99879
397598.26	3766891.08	9.02413	397638.26	3766891.08	8.16837
397678.26	3766891.08	7.41609	397718.26	3766891.08	6.75645

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         396558.26    3766931.08        7.27117                      396598.26
3766931.08        7.99609
         396638.26    3766931.08        8.96442                      396678.26
3766931.08       10.06975
         396718.26    3766931.08       11.41400                      396758.26
3766931.08       12.96556
         396798.26    3766931.08       14.78384                      396838.26
3766931.08       16.88173
         396878.26    3766931.08       19.24125                      396918.26
3766931.08       21.80968
         396958.26    3766931.08       24.44853                      396998.26
3766931.08       26.86067
         397038.26    3766931.08       28.83041                      397078.26
3766931.08       30.01075
         397118.26    3766931.08       30.25890                      397158.26
3766931.08       29.60099
         397198.26    3766931.08       28.29193                      397238.26
3766931.08       26.46700
         397278.26    3766931.08       24.29600                      397318.26
3766931.08       22.01997
         397358.26    3766931.08       19.77224                      397398.26
3766931.08       17.53363
         397438.26    3766931.08       15.48548                      397478.26
3766931.08       13.71124
         397518.26    3766931.08       12.19615                      397558.26
3766931.08       10.85090
         397598.26    3766931.08        9.69266                      397638.26
3766931.08        8.69644
         397678.26    3766931.08        7.85780                      397718.26
3766931.08        7.11756
         396558.26    3766971.08        7.62040                      396598.26
3766971.08        8.49343
         396638.26    3766971.08        9.56452                      396678.26
3766971.08       10.77890
         396718.26    3766971.08       12.34197                      396758.26
3766971.08       14.24639
         396798.26    3766971.08       16.55969                      396838.26
3766971.08       19.38089
         396878.26    3766971.08       22.69261                      396918.26
3766971.08       26.48736
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  65
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
```

INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** 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
396958.26	3766971.08	30.61868	396998.26	3766971.08	34.67210
397038.26	3766971.08	37.89179	397078.26	3766971.08	39.59467
397118.26	3766971.08	39.72648	397158.26	3766971.08	38.45651
397198.26	3766971.08	36.20834	397238.26	3766971.08	33.32023
397278.26	3766971.08	30.05021	397318.26	3766971.08	26.69862
397358.26	3766971.08	23.42733	397398.26	3766971.08	20.33923
397438.26	3766971.08	17.63171	397478.26	3766971.08	15.32008
397518.26	3766971.08	13.37347	397558.26	3766971.08	11.76861
397598.26	3766971.08	10.39769	397638.26	3766971.08	9.24372
397678.26	3766971.08	8.26610	397718.26	3766971.08	7.44458
396558.26	3767011.08	7.94500	396598.26	3767011.08	8.90270
396638.26	3767011.08	10.09626	396678.26	3767011.08	11.57522
396718.26	3767011.08	13.39125	396758.26	3767011.08	15.69193
396798.26	3767011.08	18.51094	396838.26	3767011.08	22.23986
396878.26	3767011.08	27.00465	396918.26	3767011.08	32.97441
396958.26	3767011.08	39.80932	396998.26		

```
3767011.08       47.20643
         397038.26    3767011.08       52.91332                       397078.26
3767011.08       55.40930
         397118.26    3767011.08       54.87832                       397158.26
3767011.08       52.12946
         397198.26    3767011.08       48.09825                       397238.26
3767011.08       43.29844
         397278.26    3767011.08       38.16911                       397318.26
3767011.08       32.98697
         397358.26    3767011.08       28.37832                       397398.26
3767011.08       26.35618
         397438.26    3767011.08       20.06021                       397478.26
3767011.08       17.08424
         397518.26    3767011.08       14.63692                       397558.26
3767011.08       12.66829
         397598.26    3767011.08       11.06286                       397638.26
3767011.08        9.74695
         397678.26    3767011.08        8.65336                       397718.26
3767011.08        7.73531
         396558.26    3767051.08        8.21061                       396598.26
3767051.08        9.25066
         396638.26    3767051.08       10.53292                       396678.26
3767051.08       12.19407
         396718.26    3767051.08       14.29106                       396758.26
3767051.08       16.99386
         396798.26    3767051.08       20.61979                       396838.26
3767051.08       25.56319
         396878.26    3767051.08       32.33291                       396918.26
3767051.08       42.08829
         396958.26    3767051.08       55.17325                       396998.26
3767051.08       70.84189
         397038.26    3767051.08       83.08920                       397078.26
3767051.08       85.59812
         397118.26    3767051.08       81.92108                       397158.26
3767051.08       75.27218
         397198.26    3767051.08       67.39486                       397238.26
3767051.08       58.93299
         397278.26    3767051.08       50.41835                       397318.26
3767051.08       41.95904
         397358.26    3767051.08       34.17834                       397398.26
3767051.08       30.68020
         397438.26    3767051.08       23.69722                       397478.26
3767051.08       18.88256
         397518.26    3767051.08       15.88606                       397558.26
3767051.08       13.55021
         397598.26    3767051.08       11.69520                       397638.26
3767051.08       10.19252
         397678.26    3767051.08        8.98887                       397718.26
3767051.08        8.01156
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** 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
396558.26	3767091.08	8.39095	396598.26	3767091.08	9.51397
396638.26	3767091.08	10.84647	396678.26	3767091.08	12.64351
396718.26	3767091.08	14.97982	396758.26	3767091.08	18.09824
396798.26	3767091.08	22.40602	396838.26	3767091.08	28.69899
396878.26	3767091.08	38.43784	396918.26	3767091.08	54.38341
396958.26	3767091.08	82.21771	396998.26	3767091.08	136.24882
397078.26	3767091.08	162.79835	397118.26	3767091.08	141.69395
397158.26	3767091.08	121.56428	397198.26	3767091.08	103.28610
397238.26	3767091.08	86.70385	397278.26	3767091.08	71.32193
397318.26	3767091.08	56.14780	397358.26	3767091.08	42.81252
397398.26	3767091.08	33.77514	397438.26	3767091.08	28.48445

397478.26 3767091.08 24.94788 397518.26
3767091.08 20.65388
397558.26 3767091.08 18.38983 397598.26
3767091.08 12.60684
397638.26 3767091.08 10.60343 397678.26
3767091.08 9.29448
397718.26 3767091.08 8.22967 396558.26
3767131.08 8.60316
396598.26 3767131.08 9.79016 396638.26
3767131.08 11.23421
396678.26 3767131.08 13.00383 396718.26
3767131.08 15.42430
396758.26 3767131.08 18.80037 396798.26
3767131.08 23.62003
396838.26 3767131.08 31.00357 396878.26
3767131.08 43.88065
396918.26 3767131.08 69.66114 396958.26
3767131.08 143.19023
397238.26 3767131.08 153.52639 397278.26
3767131.08 119.32531
397318.26 3767131.08 85.18684 397358.26
3767131.08 54.99578
397398.26 3767131.08 38.89069 397438.26
3767131.08 31.31026
397478.26 3767131.08 30.16549 397518.26
3767131.08 24.97764
397558.26 3767131.08 21.15806 397598.26
3767131.08 16.05510
397638.26 3767131.08 10.91083 397678.26
3767131.08 9.51716
397718.26 3767131.08 8.39709 396558.26
3767171.08 8.70611
396598.26 3767171.08 9.89735 396638.26
3767171.08 11.38831
396678.26 3767171.08 13.22648 396718.26
3767171.08 15.62072
396758.26 3767171.08 19.06009 396798.26
3767171.08 24.12891
396838.26 3767171.08 31.96975 396878.26
3767171.08 46.07340
396918.26 3767171.08 79.14879 397438.26
3767171.08 35.43695
397478.26 3767171.08 29.92376 397518.26
3767171.08 22.22831
397558.26 3767171.08 16.85413 397598.26
3767171.08 13.37251
397638.26 3767171.08 11.10271 397678.26
3767171.08 9.66785
397718.26 3767171.08 8.51491 396558.26
3767211.08 8.69487

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** 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
396918.26	3767211.08	66.64865	396958.26	3767211.08	117.11773
397438.26	3767211.08	51.98393	397478.26	3767211.08	41.42214
397518.26	3767211.08	28.71333	397558.26	3767211.08	20.32071
397598.26	3767211.08	14.29492	397638.26	3767211.08	11.99994
397678.26	3767211.08	10.68582	397718.26	3767211.08	8.98518
396558.26	3767251.08	8.56825	396598.26	3767251.08	9.72011
396638.26	3767251.08	11.14690	396678.26		

3767251.08 12.94839
396718.26 3767251.08 15.20765 396758.26
3767251.08 18.09131
396798.26 3767251.08 22.41044 396838.26
3767251.08 28.58893
396878.26 3767251.08 38.06369 396918.26
3767251.08 52.19183
396958.26 3767251.08 72.02190 396998.26
3767251.08 98.44397
397038.26 3767251.08 122.59972 397078.26
3767251.08 161.50700
397118.26 3767251.08 248.45155 397318.26
3767251.08 88.37301
397358.26 3767251.08 74.73662 397398.26
3767251.08 70.70262
397438.26 3767251.08 62.93527 397478.26
3767251.08 51.90467
397518.26 3767251.08 39.01921 397558.26
3767251.08 31.00933
397598.26 3767251.08 23.96377 397638.26
3767251.08 17.09476
397678.26 3767251.08 13.81692 397718.26
3767251.08 11.17824
396558.26 3767291.08 21.22640 396598.26
3767291.08 16.93520
396638.26 3767291.08 16.14646 396678.26
3767291.08 13.76823
396718.26 3767291.08 14.71641 396758.26
3767291.08 17.26727
396798.26 3767291.08 20.77975 396838.26
3767291.08 25.71784
396878.26 3767291.08 32.69100 396918.26
3767291.08 46.73435
396958.26 3767291.08 56.28636 396998.26
3767291.08 63.81312
397038.26 3767291.08 67.61479 397078.26
3767291.08 73.62282
397118.26 3767291.08 107.90707 397158.26
3767291.08 194.04246
397278.26 3767291.08 95.63346 397318.26
3767291.08 78.16492
397358.26 3767291.08 74.43033 397398.26
3767291.08 68.37447
397438.26 3767291.08 62.00381 397478.26
3767291.08 56.56134
397518.26 3767291.08 50.80699 397558.26
3767291.08 46.80163
397598.26 3767291.08 41.59226 397638.26
3767291.08 29.46669
397678.26 3767291.08 17.95996 397718.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** 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
 -
- -
         397198.26   3767331.08   84.80171   397238.26
3767331.08   82.20345
         397278.26   3767331.08   77.39440   397318.26
3767331.08   72.20458

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         397358.26    3767331.08       69.42339                    397398.26
3767331.08       63.69609
         397438.26    3767331.08       58.43147                    397478.26
3767331.08       54.12803
         397518.26    3767331.08       49.80941                    397558.26
3767331.08       46.19244
         397598.26    3767331.08       42.84699                    397638.26
3767331.08       38.58631
         397678.26    3767331.08       26.83176                    397718.26
3767331.08       17.21527
         396558.26    3767371.08       28.27682                    396598.26
3767371.08       26.02419
         396638.26    3767371.08       23.83697                    396678.26
3767371.08       15.61109
         396718.26    3767371.08       12.93771                    396758.26
3767371.08       14.88306
         396798.26    3767371.08       17.12100                    396838.26
3767371.08       20.06694
         396878.26    3767371.08       23.78229                    396918.26
3767371.08       35.27744
         396958.26    3767371.08       44.89895                    396998.26
3767371.08       48.40102
         397038.26    3767371.08       52.41480                    397078.26
3767371.08       53.51068
         397118.26    3767371.08       57.37810                    397158.26
3767371.08       61.40235
         397198.26    3767371.08       67.45101                    397238.26
3767371.08       67.48152
         397278.26    3767371.08       66.14608                    397318.26
3767371.08       65.75460
         397358.26    3767371.08       63.00204                    397398.26
3767371.08       58.52741
         397438.26    3767371.08       54.50592                    397478.26
3767371.08       51.25191
         397518.26    3767371.08       47.79815                    397558.26
3767371.08       44.99166
         397598.26    3767371.08       41.63700                    397638.26
3767371.08       38.75128
         397678.26    3767371.08       35.51080                    397718.26
3767371.08       25.24894
         396558.26    3767411.08       27.77972                    396598.26
3767411.08       23.27769
         396638.26    3767411.08       16.75978                    396678.26
3767411.08       11.53302
         396718.26    3767411.08       11.92214                    396758.26
3767411.08       13.54715
         396798.26    3767411.08       15.43573                    396838.26
3767411.08       17.72699
         396878.26    3767411.08       20.57757                    396918.26
3767411.08       28.94290
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         396958.26    3767411.08       40.29469                      396998.26
3767411.08       45.34280
         397038.26    3767411.08       46.83815                      397078.26
3767411.08       47.32631
         397118.26    3767411.08       49.81514                      397158.26
3767411.08       53.84290
         397198.26    3767411.08       58.05034                      397238.26
3767411.08       58.28038
         397278.26    3767411.08       57.11454                      397318.26
3767411.08       57.91441
         397358.26    3767411.08       56.84864                      397398.26
3767411.08       53.67113
         397438.26    3767411.08       50.81972                      397478.26
3767411.08       48.03115
         397518.26    3767411.08       45.40768                      397558.26
3767411.08       43.07844
         397598.26    3767411.08       40.58871                      397638.26
3767411.08       38.34864
         397678.26    3767411.08       35.68452                      397718.26
3767411.08       32.12068
         396558.26    3767451.08       25.45088                      396598.26
3767451.08       21.77292
         396638.26    3767451.08       15.83527                      396678.26
3767451.08       12.78036
         396718.26    3767451.08       11.88280                      396758.26
3767451.08       12.36032
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** 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
396798.26	3767451.08	13.87731	396838.26	3767451.08	15.78819
396878.26	3767451.08	17.83527	396918.26	3767451.08	25.30840
396958.26	3767451.08	36.15950	396998.26	3767451.08	40.77383
397038.26	3767451.08	44.03874	397078.26	3767451.08	44.34082
397118.26	3767451.08	45.62627	397158.26	3767451.08	48.59054
397198.26	3767451.08	51.61389	397238.26	3767451.08	52.24467
397278.26	3767451.08	50.63184	397318.26	3767451.08	50.97290
397358.26	3767451.08	51.20757	397398.26	3767451.08	49.38129
397438.26	3767451.08	47.23404	397478.26	3767451.08	45.17128
397518.26	3767451.08	43.11112	397558.26	3767451.08	40.88369
397598.26	3767451.08	39.13571	397638.26	3767451.08	37.09081
397678.26	3767451.08	35.00985	397718.26	3767451.08	32.89811
396558.26	3767491.08	23.25322	396598.26	3767491.08	21.11296
396638.26	3767491.08	21.44940	396678.26	3767491.08	22.17471
396718.26	3767491.08	18.91866	396758.26	3767491.08	11.25116
396798.26	3767491.08	12.56008	396838.26	3767491.08	13.97680
396878.26	3767491.08	15.53534	396918.26	3767491.08	21.67542
396958.26	3767491.08	30.52584	396998.26	3767491.08	37.10073
397038.26	3767491.08	41.15471	397078.26	3767491.08	41.85889
397118.26	3767491.08	42.63166	397158.26	3767491.08	44.64588
397198.26	3767491.08	46.77628	397238.26	3767491.08	47.27003
397278.26	3767491.08	46.26627	397318.26	3767491.08	45.39146
397358.26	3767491.08	45.82712	397398.26		

3767491.08   45.95198
         397438.26   3767491.08   44.20886   397478.26
3767491.08   42.21524
         397518.26   3767491.08   40.63966   397558.26
3767491.08   39.02136
         397598.26   3767491.08   37.40024   397638.26
3767491.08   35.49105
         397678.26   3767491.08   34.04305   397718.26
3767491.08   32.17887
         396558.26   3767531.08   23.21263   396598.26
3767531.08   23.71345
         396638.26   3767531.08   26.60052   396678.26
3767531.08   27.14563
         396718.26   3767531.08   21.42527   396758.26
3767531.08   10.30663
         396798.26   3767531.08   11.31342   396838.26
3767531.08   12.44687
         396878.26   3767531.08   13.61383   396918.26
3767531.08   17.03479
         396958.26   3767531.08   24.56392   396998.26
3767531.08   32.08561
         397038.26   3767531.08   37.52393   397078.26
3767531.08   39.64171
         397118.26   3767531.08   40.28274   397158.26
3767531.08   41.44916
         397198.26   3767531.08   42.98233   397238.26
3767531.08   43.46194
         397278.26   3767531.08   42.65295   397318.26
3767531.08   41.58770
         397358.26   3767531.08   40.93763   397398.26
3767531.08   42.36603
         397438.26   3767531.08   40.98760   397478.26
3767531.08   39.55689
         397518.26   3767531.08   38.18137   397558.26
3767531.08   37.02429

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018

```
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08       35.79170                      397638.26
3767531.08       34.32865
         397678.26    3767531.08       32.72177                      397718.26
3767531.08       31.20055
         397320.82    3767219.11      116.85576                      397330.82
3767209.11      105.31608
         397340.82    3767189.11       96.23694                      397340.82
3767199.11       92.12438
         397340.82    3767209.11       88.06302                      397350.82
3767189.11       78.92826
         397350.82    3767199.11       77.20210                      397360.82
3767189.11       66.95122
         397360.82    3767199.11       66.56454                      397370.82
3767189.11       58.12589
         397380.82    3767189.11       51.35006                      396920.42
3767167.32       82.72682
         396989.95    3767243.54      105.19810                      397044.10
3767223.97      246.67262
         397113.57    3767239.93      261.56169                      397158.63
3767280.29      219.59624
         397168.95    3767307.05      144.45855                      397244.05
3767296.72      141.86704
         397260.95    3767278.88      152.56419                      397409.74
3767205.66       50.11336
         397422.89    3767189.23       40.61143                      397426.64
3767180.78       38.55647
         397420.54    3767170.46       36.39115                      397318.68
3767160.13      142.38830
         397022.98    3767083.62      143.89231                      396943.60
3767192.73      113.90093
         396966.77    3767218.13      120.17614                      397017.03
3767233.75      181.58427
         397078.83    3767231.95      255.38507                      397136.10
3767260.11      241.15786
         397206.50    3767301.88      155.44420                      397298.15
3767260.58      106.15051
```

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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
 -
- -
         396558.26   3766771.08   8.60650   396598.26
3766771.08   9.89711
         396638.26   3766771.08   11.91630   396678.26
3766771.08   14.02526
         396718.26   3766771.08   16.12066   396758.26
3766771.08   17.70759
         396798.26   3766771.08   18.51667   396838.26
3766771.08   20.03223
         396878.26   3766771.08   21.52117   396918.26

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3766771.08       22.15533
         396958.26    3766771.08       22.49167                       396998.26
3766771.08       21.75857
         397038.26    3766771.08       20.43025                       397078.26
3766771.08       18.57626
         397118.26    3766771.08       16.85820                       397158.26
3766771.08       15.37482
         397198.26    3766771.08       14.37206                       397238.26
3766771.08       14.00390
         397278.26    3766771.08       14.07789                       397318.26
3766771.08       13.89445
         397358.26    3766771.08       13.46419                       397398.26
3766771.08       12.91797
         397438.26    3766771.08       12.47924                       397478.26
3766771.08       12.52211
         397518.26    3766771.08       11.57905                       397558.26
3766771.08       10.68228
         397598.26    3766771.08        9.99652                       397638.26
3766771.08        9.50981
         397678.26    3766771.08        8.74892                       397718.26
3766771.08        8.02006
         396558.26    3766811.08        8.95258                       396598.26
3766811.08       10.14135
         396638.26    3766811.08       12.17863                       396678.26
3766811.08       14.73476
         396718.26    3766811.08       16.77836                       396758.26
3766811.08       18.37000
         396798.26    3766811.08       20.22696                       396838.26
3766811.08       21.90476
         396878.26    3766811.08       23.58596                       396918.26
3766811.08       25.28035
         396958.26    3766811.08       25.65911                       396998.26
3766811.08       25.33264
         397038.26    3766811.08       23.90565                       397078.26
3766811.08       21.77539
         397118.26    3766811.08       20.04554                       397158.26
3766811.08       18.37999
         397198.26    3766811.08       17.16653                       397238.26
3766811.08       16.66735
         397278.26    3766811.08       16.34622                       397318.26
3766811.08       15.70908
         397358.26    3766811.08       15.30567                       397398.26
3766811.08       14.94572
         397438.26    3766811.08       14.63982                       397478.26
3766811.08       13.71147
         397518.26    3766811.08       12.63114                       397558.26
3766811.08       12.01973
         397598.26    3766811.08       11.34123                       397638.26
3766811.08       10.42907
         397678.26    3766811.08       10.03047                       397718.26
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3766811.08   9.11963
         396558.26   3766851.08   9.43968   396598.26
3766851.08   10.63994
         396638.26   3766851.08   12.14313   396678.26
3766851.08   14.37440
         396718.26   3766851.08   16.87482   396758.26
3766851.08   19.12159
         396798.26   3766851.08   21.69813   396838.26
3766851.08   23.91962
         396878.26   3766851.08   26.06219   396918.26
3766851.08   28.04428
         396958.26   3766851.08   29.33180   396998.26
3766851.08   29.14111
         397038.26   3766851.08   27.97077   397078.26
3766851.08   25.98924
         397118.26   3766851.08   23.71800   397158.26
3766851.08   22.04975
         397198.26   3766851.08   20.65693   397238.26
3766851.08   19.94329
         397278.26   3766851.08   19.25597   397318.26
3766851.08   18.27607

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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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         397358.26    3766851.08       17.64087                    397398.26
3766851.08       17.17386
         397438.26    3766851.08       16.13556                    397478.26
3766851.08       14.99562
         397518.26    3766851.08       14.71833                    397558.26
3766851.08       13.56976
         397598.26    3766851.08       12.68963                    397638.26
3766851.08       11.90716
         397678.26    3766851.08       10.47918                    397718.26
3766851.08        9.41685
         396558.26    3766891.08        9.37358                    396598.26
3766891.08       10.87283
         396638.26    3766891.08       12.70560                    396678.26
3766891.08       14.83088
         396718.26    3766891.08       17.23188                    396758.26
3766891.08       20.05576
         396798.26    3766891.08       22.91044                    396838.26
3766891.08       25.96355
         396878.26    3766891.08       28.60193                    396918.26
3766891.08       30.80566
         396958.26    3766891.08       33.35508                    396998.26
3766891.08       33.91057
         397038.26    3766891.08       33.05253                    397078.26
3766891.08       31.77708
         397118.26    3766891.08       28.92675                    397158.26
3766891.08       26.75028
         397198.26    3766891.08       25.31414                    397238.26
3766891.08       24.17570
         397278.26    3766891.08       23.02974                    397318.26
3766891.08       21.85311
         397358.26    3766891.08       20.70673                    397398.26
3766891.08       19.45429
         397438.26    3766891.08       18.48330                    397478.26
3766891.08       17.51118
         397518.26    3766891.08       16.52272                    397558.26
3766891.08       15.59152
         397598.26    3766891.08       13.78350                    397638.26
3766891.08       12.23820
         397678.26    3766891.08       11.24510                    397718.26
3766891.08       10.49651
         396558.26    3766931.08        9.67179                    396598.26
3766931.08       10.88886
         396638.26    3766931.08       12.85725                    396678.26
3766931.08       15.29787
         396718.26    3766931.08       17.76335                    396758.26
3766931.08       20.42709
         396798.26    3766931.08       23.98523                    396838.26
3766931.08       27.49588
         396878.26    3766931.08       31.29515                    396918.26
3766931.08       34.18325
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         396958.26    3766931.08       37.46490                      396998.26
3766931.08       40.00297
         397038.26    3766931.08       40.47155                      397078.26
3766931.08       39.04950
         397118.26    3766931.08       36.22731                      397158.26
3766931.08       33.74736
         397198.26    3766931.08       31.24971                      397238.26
3766931.08       29.39178
         397278.26    3766931.08       27.84470                      397318.26
3766931.08       26.29827
         397358.26    3766931.08       24.55736                      397398.26
3766931.08       23.71105
         397438.26    3766931.08       21.76297                      397478.26
3766931.08       20.23698
         397518.26    3766931.08       18.49969                      397558.26
3766931.08       16.07201
         397598.26    3766931.08       14.54506                      397638.26
3766931.08       13.61983
         397678.26    3766931.08       12.36549                      397718.26
3766931.08       11.24078
         396558.26    3766971.08        9.78874                      396598.26
3766971.08       11.03866
         396638.26    3766971.08       13.01959                      396678.26
3766971.08       15.02837
         396718.26    3766971.08       17.87468                      396758.26
3766971.08       21.28846
         396798.26    3766971.08       24.61218                      396838.26
3766971.08       28.94599
         396878.26    3766971.08       33.75288                      396918.26
3766971.08       38.84865
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  73
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** 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
396958.26	3766971.08	43.26674	396998.26	3766971.08	48.39179
397038.26	3766971.08	50.24538	397078.26	3766971.08	49.21540
397118.26	3766971.08	50.99541	397158.26	3766971.08	51.81245
397198.26	3766971.08	43.57326	397238.26	3766971.08	39.39699
397278.26	3766971.08	35.29732	397318.26	3766971.08	31.70961
397358.26	3766971.08	32.44875	397398.26	3766971.08	29.55298
397438.26	3766971.08	25.40164	397478.26	3766971.08	21.54372
397518.26	3766971.08	19.29715	397558.26	3766971.08	17.93024
397598.26	3766971.08	16.46852	397638.26	3766971.08	14.83837
397678.26	3766971.08	13.36051	397718.26	3766971.08	12.00334
396558.26	3767011.08	10.01182	396598.26	3767011.08	11.39925
396638.26	3767011.08	13.12075	396678.26	3767011.08	15.18078
396718.26	3767011.08	17.89200	396758.26	3767011.08	21.01662
396798.26	3767011.08	25.39626	396838.26	3767011.08	30.24876
396878.26	3767011.08	36.09806	396918.26	3767011.08	43.80698
396958.26	3767011.08	51.24288	396998.26	3767011.08	58.97290
397038.26	3767011.08	64.32831	397078.26	3767011.08	70.56277
397118.26	3767011.08	70.98664	397158.26	3767011.08	69.26653
397198.26	3767011.08	66.64824	397238.26	3767011.08	60.20504
397278.26	3767011.08	48.89783	397318.26	3767011.08	39.40995
397358.26	3767011.08	38.65621	397398.26		

3767011.08   37.00078
         397438.26   3767011.08   29.12594   397478.26
3767011.08   24.23094
         397518.26   3767011.08   21.91171   397558.26
3767011.08   19.64129
         397598.26   3767011.08   17.25278   397638.26
3767011.08   15.27249
         397678.26   3767011.08   13.37331   397718.26
3767011.08   11.96971
         396558.26   3767051.08   10.15455   396598.26
3767051.08   11.59739
         396638.26   3767051.08   13.21515   396678.26
3767051.08   15.37910
         396718.26   3767051.08   18.10063   396758.26
3767051.08   21.22701
         396798.26   3767051.08   25.64861   396838.26
3767051.08   30.68607
         396878.26   3767051.08   39.15743   396918.26
3767051.08   49.38333
         396958.26   3767051.08   62.28796   396998.26
3767051.08   81.19338
         397038.26   3767051.08   105.95061   397078.26
3767051.08   97.05154
         397118.26   3767051.08   86.87247   397158.26
3767051.08   80.27283
         397198.26   3767051.08   76.78536   397238.26
3767051.08   73.07695
         397278.26   3767051.08   68.70456   397318.26
3767051.08   51.45632
         397358.26   3767051.08   44.50180   397398.26
3767051.08   42.48647
         397438.26   3767051.08   35.18399   397478.26
3767051.08   28.29193
         397518.26   3767051.08   22.81494   397558.26
3767051.08   20.28459
         397598.26   3767051.08   17.89779   397638.26
3767051.08   15.76340
         397678.26   3767051.08   14.10199   397718.26
3767051.08   12.58533

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08

```
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08       10.39614                     396598.26
3767091.08       11.89727
         396638.26    3767091.08       13.43577                     396678.26
3767091.08       15.26152
         396718.26    3767091.08       17.91444                     396758.26
3767091.08       21.56525
         396798.26    3767091.08       26.05625                     396838.26
3767091.08       32.29243
         396878.26    3767091.08       42.01400                     396918.26
3767091.08       56.36563
         396958.26    3767091.08       83.03298                     396998.26
3767091.08      140.19739
         397078.26    3767091.08      163.19998                     397118.26
3767091.08      141.80422
         397158.26    3767091.08      123.18730                     397198.26
3767091.08      107.74443
         397238.26    3767091.08       92.91509                     397278.26
3767091.08       81.41730
         397318.26    3767091.08       66.36408                     397358.26
3767091.08       52.35787
         397398.26    3767091.08       46.39311                     397438.26
3767091.08       39.42373
         397478.26    3767091.08       35.29893                     397518.26
3767091.08       29.17446
         397558.26    3767091.08       25.37468                     397598.26
3767091.08       20.05283
         397638.26    3767091.08       16.17650                     397678.26
3767091.08       14.23469
         397718.26    3767091.08       12.34075                     396558.26
3767131.08       10.17176
         396598.26    3767131.08       11.59067                     396638.26
3767131.08       13.21687
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         396678.26    3767131.08       15.11113                       396718.26
3767131.08       17.89956
         396758.26    3767131.08       21.42481                       396798.26
3767131.08       26.27924
         396838.26    3767131.08       33.70247                       396878.26
3767131.08       45.57713
         396918.26    3767131.08       70.05733                       396958.26
3767131.08      143.51677
         397238.26    3767131.08      153.63795                       397278.26
3767131.08      120.60161
         397318.26    3767131.08       88.39898                       397358.26
3767131.08       64.43780
         397398.26    3767131.08       50.01671                       397438.26
3767131.08       41.30086
         397478.26    3767131.08       39.07782                       397518.26
3767131.08       33.05090
         397558.26    3767131.08       27.74228                       397598.26
3767131.08       22.70620
         397638.26    3767131.08       17.92094                       397678.26
3767131.08       15.36605
         397718.26    3767131.08       13.73502                       396558.26
3767171.08       10.23160
         396598.26    3767171.08       11.53368                       396638.26
3767171.08       13.16468
         396678.26    3767171.08       15.00819                       396718.26
3767171.08       17.39032
         396758.26    3767171.08       20.83879                       396798.26
3767171.08       25.90052
         396838.26    3767171.08       33.42765                       396878.26
3767171.08       47.14458
         396918.26    3767171.08       79.44005                       397438.26
3767171.08       47.71420
         397478.26    3767171.08       41.22255                       397518.26
3767171.08       32.42348
         397558.26    3767171.08       27.16450                       397598.26
3767171.08       22.97784
         397638.26    3767171.08       19.11063                       397678.26
3767171.08       16.80975
         397718.26    3767171.08       14.67683                       396558.26
3767211.08       10.53041
         396598.26    3767211.08       11.75309                       396638.26
3767211.08       13.38910
         396678.26    3767211.08       15.41116                       396718.26
3767211.08       17.55903
         396758.26    3767211.08       20.79325                       396798.26
3767211.08       25.61870
         396838.26    3767211.08       33.09049                       396878.26
3767211.08       44.82683
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** 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
396918.26	3767211.08	67.27032	396958.26	3767211.08	117.19830
397438.26	3767211.08	67.24333	397478.26	3767211.08	55.54230
397518.26	3767211.08	40.33290	397558.26	3767211.08	29.50144
397598.26	3767211.08	24.57841	397638.26	3767211.08	21.52793
397678.26	3767211.08	19.06031	397718.26	3767211.08	16.49257
396558.26	3767251.08	10.69823	396598.26	3767251.08	12.10927
396638.26	3767251.08	13.84073	396678.26	3767251.08	15.97665
396718.26	3767251.08	18.29492	396758.26	3767251.08	20.72066
396798.26	3767251.08	24.81043	396838.26	3767251.08	30.92978
396878.26	3767251.08	40.19285	396918.26	3767251.08	58.19081
396958.26	3767251.08	77.44710	396998.26	3767251.08	101.14836
397038.26	3767251.08	122.68913	397078.26		

```
3767251.08      161.63021
         397118.26    3767251.08      248.56138                      397318.26
3767251.08      107.24989
         397358.26    3767251.08       93.78568                      397398.26
3767251.08       78.68318
         397438.26    3767251.08       68.94172                      397478.26
3767251.08       61.46759
         397518.26    3767251.08       49.19267                      397558.26
3767251.08       41.54596
         397598.26    3767251.08       33.25789                      397638.26
3767251.08       24.43155
         397678.26    3767251.08       19.88322                      397718.26
3767251.08       17.21139
         396558.26    3767291.08       23.24838                      396598.26
3767291.08       21.14689
         396638.26    3767291.08       20.54371                      396678.26
3767291.08       19.36027
         396718.26    3767291.08       18.57272                      396758.26
3767291.08       20.72374
         396798.26    3767291.08       23.90033                      396838.26
3767291.08       28.81595
         396878.26    3767291.08       38.67428                      396918.26
3767291.08       55.23307
         396958.26    3767291.08       65.39236                      396998.26
3767291.08       75.56442
         397038.26    3767291.08       77.87571                      397078.26
3767291.08       82.35775
         397118.26    3767291.08      107.99910                      397158.26
3767291.08      194.16857
         397278.26    3767291.08      115.31369                      397318.26
3767291.08      102.04223
         397358.26    3767291.08       86.31806                      397398.26
3767291.08       73.98651
         397438.26    3767291.08       65.81826                      397478.26
3767291.08       59.51646
         397518.26    3767291.08       53.32348                      397558.26
3767291.08       48.20705
         397598.26    3767291.08       43.17142                      397638.26
3767291.08       34.84922
         397678.26    3767291.08       25.14982                      397718.26
3767291.08       20.16353
         396558.26    3767331.08       29.72966                      396598.26
3767331.08       30.37608
         396638.26    3767331.08       29.93572                      396678.26
3767331.08       23.89740
         396718.26    3767331.08       20.01834                      396758.26
3767331.08       20.24938
         396798.26    3767331.08       22.83900                      396838.26
3767331.08       26.13006
         396878.26    3767331.08       33.81810                      396918.26
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3767331.08   48.74994
         396958.26   3767331.08   55.74467   396998.26
3767331.08   60.11937
         397038.26   3767331.08   62.69095   397078.26
3767331.08   72.34977
         397118.26   3767331.08   91.74317   397158.26
3767331.08   112.86276

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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
 -
- -
         397198.26   3767331.08   118.85166   397238.26
3767331.08   115.12528
         397278.26   3767331.08   102.68727   397318.26
3767331.08   88.61824
         397358.26   3767331.08   78.73578   397398.26
3767331.08   71.06164
         397438.26   3767331.08   63.02409   397478.26
3767331.08   57.47094
         397518.26   3767331.08   52.64857   397558.26
3767331.08   47.78030
         397598.26   3767331.08   44.37951   397638.26
3767331.08   39.84507
         397678.26   3767331.08   30.41934   397718.26
3767331.08   23.56227

396558.26 3767371.08 29.28213 396598.26
3767371.08 28.30587
396638.26 3767371.08 26.46424 396678.26
3767371.08 19.89140
396718.26 3767371.08 17.04348 396758.26
3767371.08 18.57727
396798.26 3767371.08 20.43197 396838.26
3767371.08 23.24258
396878.26 3767371.08 26.94965 396918.26
3767371.08 39.65616
396958.26 3767371.08 47.52839 396998.26
3767371.08 51.10477
397038.26 3767371.08 53.51044 397078.26
3767371.08 55.85898
397118.26 3767371.08 68.81557 397158.26
3767371.08 81.88394
397198.26 3767371.08 88.78892 397238.26
3767371.08 90.93683
397278.26 3767371.08 84.98963 397318.26
3767371.08 80.65898
397358.26 3767371.08 73.00972 397398.26
3767371.08 64.45180
397438.26 3767371.08 60.17588 397478.26
3767371.08 55.21874
397518.26 3767371.08 50.27534 397558.26
3767371.08 47.16553
397598.26 3767371.08 43.62504 397638.26
3767371.08 40.28446
397678.26 3767371.08 36.48797 397718.26
3767371.08 28.11393
396558.26 3767411.08 29.06274 396598.26
3767411.08 25.61614
396638.26 3767411.08 19.73057 396678.26
3767411.08 16.09152
396718.26 3767411.08 15.44716 396758.26
3767411.08 16.98077
396798.26 3767411.08 18.52009 396838.26
3767411.08 20.22025
396878.26 3767411.08 23.05678 396918.26
3767411.08 31.31822
396958.26 3767411.08 42.04376 396998.26
3767411.08 46.44802
397038.26 3767411.08 47.10381 397078.26
3767411.08 47.61978
397118.26 3767411.08 56.58344 397158.26
3767411.08 64.97043
397198.26 3767411.08 73.43999 397238.26
3767411.08 76.03889
397278.26 3767411.08 75.29032 397318.26
3767411.08 70.69338

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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
 -
- -
         396798.26   3767451.08   16.17857   396838.26
3767451.08   17.99181
         396878.26   3767451.08   19.96973   396918.26
3767451.08   27.48309
         396958.26   3767451.08   37.57486   396998.26

3767451.08 41.04736
397038.26 3767451.08 44.11814 397078.26
3767451.08 44.45395
397118.26 3767451.08 48.19189 397158.26
3767451.08 57.03485
397198.26 3767451.08 62.78266 397238.26
3767451.08 66.22113
397278.26 3767451.08 66.56234 397318.26
3767451.08 64.92428
397358.26 3767451.08 60.16687 397398.26
3767451.08 56.60262
397438.26 3767451.08 53.09599 397478.26
3767451.08 48.32564
397518.26 3767451.08 45.70204 397558.26
3767451.08 43.58678
397598.26 3767451.08 40.68980 397638.26
3767451.08 38.76054
397678.26 3767451.08 36.04769 397718.26
3767451.08 33.52053
396558.26 3767491.08 24.54114 396598.26
3767491.08 22.33348
396638.26 3767491.08 22.85730 396678.26
3767491.08 23.98867
396718.26 3767491.08 21.76029 396758.26
3767491.08 13.65466
396798.26 3767491.08 14.62211 396838.26
3767491.08 16.19426
396878.26 3767491.08 17.52758 396918.26
3767491.08 23.39708
396958.26 3767491.08 31.52036 396998.26
3767491.08 37.21775
397038.26 3767491.08 41.19384 397078.26
3767491.08 41.93271
397118.26 3767491.08 43.03603 397158.26
3767491.08 50.33370
397198.26 3767491.08 53.88276 397238.26
3767491.08 58.75811
397278.26 3767491.08 58.93968 397318.26
3767491.08 58.42794
397358.26 3767491.08 56.14335 397398.26
3767491.08 51.81221
397438.26 3767491.08 49.97559 397478.26
3767491.08 46.34202
397518.26 3767491.08 43.41840 397558.26
3767491.08 40.62637
397598.26 3767491.08 39.38086 397638.26
3767491.08 37.28736
397678.26 3767491.08 34.91275 397718.26
3767491.08 33.09026
396558.26 3767531.08 23.64622 396598.26

3767531.08   24.22383
         396638.26   3767531.08   27.33315   396678.26
3767531.08   28.04044
         396718.26   3767531.08   23.37939   396758.26
3767531.08   12.26698
         396798.26   3767531.08   13.29270   396838.26
3767531.08   14.52158
         396878.26   3767531.08   15.87745   396918.26
3767531.08   19.08482
         396958.26   3767531.08   25.45644   396998.26
3767531.08   32.16744
         397038.26   3767531.08   37.52393   397078.26
3767531.08   39.71778
         397118.26   3767531.08   40.41779   397158.26
3767531.08   44.61573
         397198.26   3767531.08   48.76732   397238.26
3767531.08   52.18870
         397278.26   3767531.08   53.71253   397318.26
3767531.08   53.06170
         397358.26   3767531.08   51.32481   397398.26
3767531.08   48.21588
         397438.26   3767531.08   45.41430   397478.26
3767531.08   44.00037
         397518.26   3767531.08   41.05153   397558.26
3767531.08   39.23137

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** 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
397598.26	3767531.08	36.88468	397638.26	3767531.08	35.47320
397678.26	3767531.08	33.77011	397718.26	3767531.08	31.68568
397320.82	3767219.11	118.51002	397330.82	3767209.11	108.98371
397340.82	3767189.11	103.54878	397340.82	3767199.11	100.39160
397340.82	3767209.11	98.41831	397350.82	3767189.11	92.57340
397350.82	3767199.11	89.82325	397360.82	3767189.11	78.96218
397360.82	3767199.11	78.39120	397370.82	3767189.11	65.63809
397380.82	3767189.11	58.87906	396920.42	3767167.32	82.97916
396989.95	3767243.54	106.91567	397044.10	3767223.97	246.74719
397113.57	3767239.93	261.66714	397158.63	3767280.29	219.72213
397168.95	3767307.05	144.53564	397244.05	3767296.72	142.02285
397260.95	3767278.88	152.68754	397409.74	3767205.66	66.27058
397422.89	3767189.23	54.84886	397426.64	3767180.78	53.03090
397420.54	3767170.46	50.01282	397318.68	3767160.13	142.51626
397022.98	3767083.62	147.85892	396943.60	3767192.73	113.98226
396966.77	3767218.13	120.91849	397017.03	3767233.75	181.63617
397078.83	3767231.95	255.49069	397136.10	3767260.11	241.27379
397206.50	3767301.88	155.54915	397298.15	3767260.58	113.91371
397335.34	3767242.27	101.96068	397372.54	3767223.96	79.99734
397386.59	3767167.02	57.99518	397352.63	3767163.57	82.87703
397276.44	3767149.20	181.15413	397234.19	3767138.27	183.27321
397191.95	3767127.34	192.44834	397149.71	3767116.41	200.16412
397107.47	3767105.48	198.18233	397065.22	3767094.55	182.98275

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	78.69854	AT (397118.26, 3767051.08, 109.09, 134.58, 2.00)	DC	
	2ND HIGHEST VALUE IS	72.30138	AT (397118.26, 3767091.08, 108.72, 149.01, 2.00)	DC	
	3RD HIGHEST VALUE IS	69.45829	AT (397278.26, 3767051.08, 110.42, 149.01, 2.00)	DC	
	4TH HIGHEST VALUE IS	68.85866	AT (397078.26, 3767051.08, 107.76, 134.58, 2.00)	DC	
	5TH HIGHEST VALUE IS	67.69962	AT (397198.26, 3767011.08, 109.67, 147.56, 2.00)	DC	
	6TH HIGHEST VALUE IS	67.33812	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	7TH HIGHEST VALUE IS	67.08663	AT (397107.47, 3767105.48, 108.70, 149.01, 2.00)	DC	
	8TH HIGHEST VALUE IS	66.65783	AT (397238.26, 3767011.08, 109.51, 149.01, 2.00)	DC	
	9TH HIGHEST VALUE IS	66.61078	AT (397038.26, 3767051.08, 105.89, 140.23, 2.00)	DC	
	10TH HIGHEST VALUE IS	66.15794	AT (397350.82, 3767189.11, 113.73, 149.27, 0.00)	DC	
AREA	1ST HIGHEST VALUE IS	271.57362	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	2ND HIGHEST VALUE IS	264.79878	AT (397078.83, 3767231.95, 113.14, 149.01, 2.00)	DC	
	3RD HIGHEST VALUE IS	257.90944	AT (397118.26, 3767251.08,		

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113.68,   187.57,    2.00)  DC
         4TH HIGHEST VALUE IS     255.48181 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
         5TH HIGHEST VALUE IS     251.83711 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
         6TH HIGHEST VALUE IS     231.87618 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
         7TH HIGHEST VALUE IS     212.76078 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         8TH HIGHEST VALUE IS     208.03698 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
         9TH HIGHEST VALUE IS     205.59101 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
        10TH HIGHEST VALUE IS     200.25620 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC

ALL      1ST HIGHEST VALUE IS     271.70713 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
         2ND HIGHEST VALUE IS     264.93878 AT (  397078.83,  3767231.95,
113.14,   149.01,    2.00)  DC
         3RD HIGHEST VALUE IS     258.04801 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
         4TH HIGHEST VALUE IS     255.62388 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
         5TH HIGHEST VALUE IS     251.94944 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
         6TH HIGHEST VALUE IS     231.99216 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
         7TH HIGHEST VALUE IS     212.88054 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         8TH HIGHEST VALUE IS     208.15724 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
         9TH HIGHEST VALUE IS     205.71247 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
        10TH HIGHEST VALUE IS     200.38300 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC

 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
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                         NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

GENERATO  1ST HIGHEST VALUE IS      61.19627 AT (  397038.26,  3767051.08,
105.89,   140.23,    2.00)  DC
          2ND HIGHEST VALUE IS      60.06812 AT (  397022.98,  3767083.62,
105.68,   142.19,    2.00)  DC
          3RD HIGHEST VALUE IS      59.77828 AT (  396998.26,  3767091.08,
105.38,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS      56.94701 AT (  396988.79,  3767111.52,
106.28,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      51.44104 AT (  397158.26,  3767331.08,
126.82,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      49.19891 AT (  397078.26,  3767051.08,
107.76,   134.58,    2.00)  DC
          7TH HIGHEST VALUE IS      46.50970 AT (  397340.82,  3767209.11,
115.03,   149.27,    0.00)  DC
          8TH HIGHEST VALUE IS      46.21890 AT (  397350.82,  3767189.11,
113.73,   149.27,    0.00)  DC
          9TH HIGHEST VALUE IS      46.08337 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC
         10TH HIGHEST VALUE IS      45.95499 AT (  397198.26,  3767331.08,
125.94,   149.01,    2.00)  DC

AREA      1ST HIGHEST VALUE IS     261.56169 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     255.38507 AT (  397078.83,  3767231.95,
113.14,   149.01,    2.00)  DC
          3RD HIGHEST VALUE IS     248.45155 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS     246.67262 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     241.15786 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
          6TH HIGHEST VALUE IS     219.59624 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     200.07248 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
          8TH HIGHEST VALUE IS     198.08992 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
          9TH HIGHEST VALUE IS     194.04246 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         10TH HIGHEST VALUE IS     192.34755 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC
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ALL       1ST HIGHEST VALUE IS     261.66714 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     255.49069 AT (  397078.83,  3767231.95,
113.14,   149.01,    2.00)  DC
          3RD HIGHEST VALUE IS     248.56138 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS     246.74719 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     241.27379 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
          6TH HIGHEST VALUE IS     219.72213 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     200.16412 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
          8TH HIGHEST VALUE IS     198.18233 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
          9TH HIGHEST VALUE IS     194.16857 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         10TH HIGHEST VALUE IS     192.44834 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  81
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
```

```
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_NAAQS\Saturn_NAAQS.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID NO2
   RUNORNOT RUN
   ERRORFIL Saturn_NAAQS.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG02           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG03           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG05           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG06           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG08           0.0117    14.326   756.483 32.6741244228888      0.61
```

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   SRCPARAM EG09           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG10           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG11           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG12           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG13           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG14           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG15           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG16           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG17           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG18           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG19           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG20           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG21           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG22           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG23           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG24           0.0117    14.326   756.483 32.6741244228888      0.61


** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80

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BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43

XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69

XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80

XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54

XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37

YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62

YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46

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   YBADJ    EG21            31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21            85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22            62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22           -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22           -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22           -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22            29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22            94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23            68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23           -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23          -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23           -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23            29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23           100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_NAAQS.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
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   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
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** AERMOD Output Pathway
**************************************
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**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_NAAQS.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_NAAQS.AD\01H1G001.PLT 32
   PLOTFILE 1 ALL 8TH SATURN_NAAQS.AD\01H8GALL.PLT 33
   PLOTFILE 1 Generato 8TH SATURN_NAAQS.AD\01H8G000.PLT 34
   PLOTFILE ANNUAL ALL SATURN_NAAQS.AD\AN00GALL.PLT 35
   PLOTFILE ANNUAL Generato SATURN_NAAQS.AD\AN00G001.PLT 36
   MXDYBYYR ALL SATURN_NAAQS.AD\MXDYBYYR_ALL_NO2.DAT 37
   MXDYBYYR GENERATO SATURN_NAAQS.AD\MXDYBYYR_Generato_NO2.DAT 38
   MAXDAILY ALL SATURN_NAAQS.AD\MAXDAILY_ALL_NO2.DAT 39
   MAXDAILY GENERATO SATURN_NAAQS.AD\MAXDAILY_Generato_NO2.DAT 40
   SUMMFILE Saturn_NAAQS.sum
OU FINISHED
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**************************************
** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_NAAQS\Saturn_NAAQS.ADI
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**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID NO2
   RUNORNOT RUN
   ERRORFIL Saturn_NAAQS.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG02           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG04           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG05           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG06           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG07           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG08           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG09           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG10           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG11           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG12           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG13           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG14           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG15           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG16           0.0117    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG17           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG18           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG19           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG20           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG21           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG22           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG23           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24           0.0117    14.326   756.483 32.6741244228888      0.61

** Building Downwash **
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
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   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
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   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
```

BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG08 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
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BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
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BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84

XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55

XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50

XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80

YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07

YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74

YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03
YBADJ	EG24	110.37	113.36	112.90	109.01	101.70	92.04

```
   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_NAAQS.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_NAAQS.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_NAAQS.AD\01H1G001.PLT 32
   PLOTFILE 1 ALL 8TH SATURN_NAAQS.AD\01H8GALL.PLT 33
   PLOTFILE 1 Generato 8TH SATURN_NAAQS.AD\01H8G000.PLT 34
   PLOTFILE ANNUAL ALL SATURN_NAAQS.AD\AN00GALL.PLT 35
   PLOTFILE ANNUAL Generato SATURN_NAAQS.AD\AN00G001.PLT 36
   MXDYBYYR ALL SATURN_NAAQS.AD\MXDYBYYR_ALL_NO2.DAT 37
   MXDYBYYR GENERATO SATURN_NAAQS.AD\MXDYBYYR_Generato_NO2.DAT 38
   MAXDAILY ALL SATURN_NAAQS.AD\MAXDAILY_ALL_NO2.DAT 39
   MAXDAILY GENERATO SATURN_NAAQS.AD\MAXDAILY_Generato_NO2.DAT 40
   SUMMFILE Saturn_NAAQS.sum
```

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OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 CO W361      26       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186     979       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     979       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE   1
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
```

```
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Full Conversion Assumed for NO2.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    24 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * 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
     and Calculates ANNUAL Averages

 **This Run Includes:     24 Source(s);       2 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL 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)
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 (MXDYBYYR 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) = 58.00 ; 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 = 3.8 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Saturn_NAAQS.err

**File for Summary of Results: Saturn_NAAQS.sum

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR

```
 EG01             0   0.11700E-01  397047.3 3767179.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG02             0   0.11700E-01  397059.0 3767182.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG03             0   0.11700E-01  397065.8 3767183.8   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG04             0   0.11700E-01  397077.3 3767187.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG05             0   0.11700E-01  397083.4 3767188.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG06             0   0.11700E-01  397095.4 3767191.9   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG07             0   0.11700E-01  397101.1 3767193.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG08             0   0.11700E-01  397112.7 3767197.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG09             0   0.11700E-01  397117.7 3767198.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG10             0   0.11700E-01  397131.0 3767201.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG11             0   0.11700E-01  397137.4 3767203.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG12             0   0.11700E-01  397148.4 3767206.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG13             0   0.11700E-01  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG14             0   0.11700E-01  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG15             0   0.11700E-01  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG16             0   0.11700E-01  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG17             0   0.11700E-01  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG18             0   0.11700E-01  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG19             0   0.11700E-01  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG20             0   0.11700E-01  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG21             0   0.11700E-01  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG22             0   0.11700E-01  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG23             0   0.11700E-01  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG24             0   0.11700E-01  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
GENERATO	EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,
ALL	EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 ,

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

SOURCE ID: EG01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-85.5,	-116.3,	2	12.8,	270.0,	223.9,	-82.6,	-112.3,
3	12.8,	247.8,	251.8,	-77.2,	-105.0,	4	12.8,	218.1,	272.0,	-69.4,	-94.4,
5	12.8,	181.7,	283.9,	-59.5,	-81.0,	6	12.8,	139.9,	287.3,	-47.9,	-65.1,
7	12.8,	93.7,	281.9,	-34.7,	-47.3,	8	12.8,	103.9,	285.9,	-29.4,	-31.6,
9	12.8,	148.8,	289.4,	-28.0,	-11.5,	10	12.8,	189.2,	284.0,	-25.7,	9.1,
11	12.8,	223.9,	270.0,	-22.7,	29.3,	12	12.8,	251.8,	247.8,	-18.9,	48.7,
13	12.8,	272.0,	218.1,	-14.6,	66.6,	14	12.8,	283.9,	181.7,	-9.9,	82.4,
15	12.8,	287.3,	139.9,	-4.8,	95.8,	16	12.8,	281.9,	93.7,	0.4,	106.2,
17	12.8,	285.9,	103.9,	-20.3,	113.5,	18	12.8,	289.4,	148.8,	-62.9,	116.7,
19	12.8,	284.0,	189.2,	-103.7,	116.3,	20	12.8,	270.0,	223.9,	-141.3,	112.3,
21	12.8,	247.8,	251.8,	-174.6,	105.0,	22	12.8,	218.1,	272.0,	-202.6,	94.4,
23	12.8,	181.7,	283.9,	-224.4,	81.0,	24	12.8,	139.9,	287.3,	-239.4,	65.1,
25	12.8,	93.7,	281.9,	-247.2,	47.3,	26	12.8,	103.9,	285.9,	-256.5,	31.6,
27	12.8,	148.8,	289.4,	-261.4,	11.5,	28	12.8,	189.2,	284.0,	-258.3,	-9.1,
29	12.8,	223.9,	270.0,	-247.3,	-29.3,	30	12.8,	251.8,	247.8,		

-228.9, -48.7,
   31   12.8, 272.0, 218.1, -203.5, -66.6,   32   12.8, 283.9, 181.7,
-171.9, -82.4,
   33   12.8, 287.3, 139.9, -135.1, -95.8,   34   12.8, 281.9,   93.7,
-94.1, -106.2,
   35   12.8, 285.9, 103.9, -83.6, -113.5,   36   12.8, 289.4, 148.8,
-85.9, -116.7,

 SOURCE ID: EG02
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -90.9, -105.3,   2   12.8, 270.0, 223.9,
-89.8, -102.5,
    3   12.8, 247.8, 251.8, -85.9, -96.5,   4   12.8, 218.1, 272.0,
-79.5, -87.6,
    5   12.8, 181.7, 283.9, -70.6, -76.0,   6   12.8, 139.9, 287.3,
-59.6, -62.2,
    7   12.8,   93.7, 281.9, -46.8, -46.4,   8   12.8, 103.9, 285.9,
-41.5, -32.9,
    9   12.8, 148.8, 289.4, -39.7, -14.8,   10   12.8, 189.2, 284.0,
-36.6,   3.8,
   11   12.8, 223.9, 270.0, -32.5,   22.2,   12   12.8, 251.8, 247.8,
-27.4,   39.9,
   13   12.8, 272.0, 218.1, -21.4,   56.5,   14   12.8, 283.9, 181.7,
-14.8,   71.3,
   15   12.8, 287.3, 139.9,   -7.8,   84.0,   16   12.8, 281.9,   93.7,
-0.5,   94.1,
   17   12.8, 285.9, 103.9, -19.0, 101.5,   18   12.8, 289.4, 148.8,
-59.6, 105.0,
   19   12.8, 284.0, 189.2, -98.4, 105.3,   20   12.8, 270.0, 223.9,
-134.1, 102.5,
   21   12.8, 247.8, 251.8, -165.8,   96.5,   22   12.8, 218.1, 272.0,
-192.5,   87.6,
   23   12.8, 181.7, 283.9, -213.3,   76.0,   24   12.8, 139.9, 287.3,
-227.6,   62.2,
   25   12.8,   93.7, 281.9, -235.0,   46.4,   26   12.8, 103.9, 285.9,
-244.4,   32.9,
   27   12.8, 148.8, 289.4, -249.7,   14.8,   28   12.8, 189.2, 284.0,
-247.4,   -3.8,
   29   12.8, 223.9, 270.0, -237.5, -22.2,   30   12.8, 251.8, 247.8,
-220.4, -39.9,
   31   12.8, 272.0, 218.1, -196.7, -56.5,   32   12.8, 283.9, 181.7,
-166.9, -71.3,
   33   12.8, 287.3, 139.9, -132.1, -84.0,   34   12.8, 281.9,   93.7,
-93.3, -94.1,
   35   12.8, 285.9, 103.9, -84.8, -101.5,   36   12.8, 289.4, 148.8,
-89.2, -105.0,

SOURCE ID: EG03

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-93.2,	-98.8,	2	12.8,	270.0,	223.9,	-93.2,	-96.5,
3	12.8,	247.8,	251.8,	-90.4,	-91.2,	4	12.8,	218.1,	272.0,	-84.8,	-83.2,
5	12.8,	181.7,	283.9,	-76.6,	-72.6,	6	12.8,	139.9,	287.3,	-66.2,	-59.8,
7	12.8,	93.7,	281.9,	-53.7,	-45.2,	8	12.8,	103.9,	285.9,	-48.4,	-32.9,
9	12.8,	148.8,	289.4,	-46.5,	-16.0,	10	12.8,	189.2,	284.0,	-43.2,	1.4,
11	12.8,	223.9,	270.0,	-38.5,	18.7,	12	12.8,	251.8,	247.8,	-32.7,	35.5,
13	12.8,	272.0,	218.1,	-25.9,	51.2,	14	12.8,	283.9,	181.7,	-18.3,	65.3,
15	12.8,	287.3,	139.9,	-10.1,	77.5,	16	12.8,	281.9,	93.7,	-1.7,	87.3,
17	12.8,	285.9,	103.9,	-19.0,	94.5,	18	12.8,	289.4,	148.8,	-58.4,	98.2,
19	12.8,	284.0,	189.2,	-96.0,	98.8,	20	12.8,	270.0,	223.9,	-130.7,	96.5,
21	12.8,	247.8,	251.8,	-161.4,	91.2,	22	12.8,	218.1,	272.0,	-187.2,	83.2,
23	12.8,	181.7,	283.9,	-207.3,	72.6,	24	12.8,	139.9,	287.3,	-221.1,	59.8,
25	12.8,	93.7,	281.9,	-228.2,	45.2,	26	12.8,	103.9,	285.9,	-237.5,	32.9,
27	12.8,	148.8,	289.4,	-242.9,	16.0,	28	12.8,	189.2,	284.0,	-240.8,	-1.4,
29	12.8,	223.9,	270.0,	-231.5,	-18.7,	30	12.8,	251.8,	247.8,	-215.1,	-35.5,
31	12.8,	272.0,	218.1,	-192.2,	-51.2,	32	12.8,	283.9,	181.7,	-163.5,	-65.3,
33	12.8,	287.3,	139.9,	-129.7,	-77.5,	34	12.8,	281.9,	93.7,	-92.1,	-87.3,
35	12.8,	285.9,	103.9,	-84.8,	-94.5,	36	12.8,	289.4,	148.8,	-90.4,	-98.2,

SOURCE ID: EG04

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-98.5,	-88.1,	2	12.8,	270.0,	223.9,	-100.3,	-86.9,
3	12.8,	247.8,	251.8,	-99.0,	-83.0,	4	12.8,	218.1,	272.0,	-94.7,	-76.5,
5	12.8,	181.7,	283.9,	-87.5,	-67.8,	6	12.8,	139.9,	287.3,	-77.7,	-57.0,

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    7   12.8,   93.7,  281.9,  -65.5,  -44.4,      8   12.8,  103.9,  285.9,
-60.3,  -34.2,
    9   12.8,  148.8,  289.4,  -57.9,  -19.3,     10   12.8,  189.2,  284.0,
-53.9,   -3.9,
   11   12.8,  223.9,  270.0,  -48.1,   11.7,     12   12.8,  251.8,  247.8,
-40.9,   26.9,
   13   12.8,  272.0,  218.1,  -32.5,   41.3,     14   12.8,  283.9,  181.7,
-23.1,   54.4,
   15   12.8,  287.3,  139.9,  -13.0,   65.9,     16   12.8,  281.9,   93.7,
-2.4,   75.4,
   17   12.8,  285.9,  103.9,  -17.8,   82.7,     18   12.8,  289.4,  148.8,
-55.1,   86.7,
   19   12.8,  284.0,  189.2,  -90.7,   88.1,     20   12.8,  270.0,  223.9,
-123.6,   86.9,
   21   12.8,  247.8,  251.8, -152.8,   83.0,     22   12.8,  218.1,  272.0,
-177.3,   76.5,
   23   12.8,  181.7,  283.9, -196.4,   67.8,     24   12.8,  139.9,  287.3,
-209.5,   57.0,
   25   12.8,   93.7,  281.9, -216.3,   44.4,     26   12.8,  103.9,  285.9,
-225.7,   34.2,
   27   12.8,  148.8,  289.4, -231.4,   19.3,     28   12.8,  189.2,  284.0,
-230.1,    3.9,
   29   12.8,  223.9,  270.0, -221.9,  -11.7,     30   12.8,  251.8,  247.8,
-206.9,  -26.9,
   31   12.8,  272.0,  218.1, -185.6,  -41.3,     32   12.8,  283.9,  181.7,
-158.6,  -54.4,
   33   12.8,  287.3,  139.9, -126.9,  -65.9,     34   12.8,  281.9,   93.7,
-91.3,  -75.4,
   35   12.8,  285.9,  103.9,  -86.1,  -82.7,     36   12.8,  289.4,  148.8,
-93.7,  -86.7,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE   6
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG05
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -100.9,  -82.4,      2   12.8,  270.0,  223.9,
-103.7,  -81.6,
    3   12.8,  247.8,  251.8, -103.2,  -78.4,      4   12.8,  218.1,  272.0,
-99.7,  -72.8,
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    5   12.8,  181.7,  283.9,  -93.1,  -64.9,      6   12.8,  139.9,  287.3,
-83.7,  -55.1,
    7   12.8,   93.7,  281.9,  -71.8,  -43.6,      8   12.8,  103.9,  285.9,
-66.5,  -34.5,
    9   12.8,  148.8,  289.4,  -64.0,  -20.7,     10   12.8,  189.2,  284.0,
-59.6,   -6.3,
   11   12.8,  223.9,  270.0,  -53.4,    8.3,     12   12.8,  251.8,  247.8,
-45.5,   22.6,
   13   12.8,  272.0,  218.1,  -36.3,   36.3,     14   12.8,  283.9,  181.7,
-25.9,   48.9,
   15   12.8,  287.3,  139.9,  -14.8,   59.9,     16   12.8,  281.9,   93.7,
-3.2,   69.2,
   17   12.8,  285.9,  103.9,  -17.4,   76.5,     18   12.8,  289.4,  148.8,
-53.7,   80.6,
   19   12.8,  284.0,  189.2,  -88.3,   82.4,     20   12.8,  270.0,  223.9,
-120.2,   81.6,
   21   12.8,  247.8,  251.8, -148.5,   78.4,     22   12.8,  218.1,  272.0,
-172.3,   72.8,
   23   12.8,  181.7,  283.9, -190.8,   64.9,     24   12.8,  139.9,  287.3,
-203.6,   55.1,
   25   12.8,   93.7,  281.9, -210.1,   43.6,     26   12.8,  103.9,  285.9,
-219.4,   34.5,
   27   12.8,  148.8,  289.4, -225.3,   20.7,     28   12.8,  189.2,  284.0,
-224.4,    6.3,
   29   12.8,  223.9,  270.0, -216.6,   -8.3,     30   12.8,  251.8,  247.8,
-202.3,  -22.6,
   31   12.8,  272.0,  218.1, -181.8,  -36.3,     32   12.8,  283.9,  181.7,
-155.8,  -48.9,
   33   12.8,  287.3,  139.9, -125.0,  -59.9,     34   12.8,  281.9,   93.7,
-90.5,  -69.2,
   35   12.8,  285.9,  103.9,  -86.4,  -76.5,     36   12.8,  289.4,  148.8,
-95.1,  -80.6,


 SOURCE ID: EG06
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -106.4,  -71.1,      2   12.8,  270.0,  223.9,
-111.0,  -71.5,
    3   12.8,  247.8,  251.8, -112.2,  -69.7,      4   12.8,  218.1,  272.0,
-110.1,  -65.7,
    5   12.8,  181.7,  283.9, -104.5,  -59.8,      6   12.8,  139.9,  287.3,
-95.8,  -52.0,
    7   12.8,   93.7,  281.9,  -84.2,  -42.7,      8   12.8,  103.9,  285.9,
-79.0,  -35.8,
    9   12.8,  148.8,  289.4,  -76.1,  -24.1,     10   12.8,  189.2,  284.0,
-70.9,  -11.8,
   11   12.8,  223.9,  270.0,  -63.5,    1.0,     12   12.8,  251.8,  247.8,
-54.2,   13.7,
   13   12.8,  272.0,  218.1,  -43.3,   25.9,     14   12.8,  283.9,  181.7,
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-31.1, 37.4,
  15 12.8, 287.3, 139.9, -17.9, 47.8, 16 12.8, 281.9, 93.7,
-4.1, 56.7,
  17 12.8, 285.9, 103.9, -16.2, 64.0, 18 12.8, 289.4, 148.8,
-50.3, 68.6,
  19 12.8, 284.0, 189.2, -82.8, 71.1, 20 12.8, 270.0, 223.9,
-112.9, 71.5,
  21 12.8, 247.8, 251.8, -139.6, 69.7, 22 12.8, 218.1, 272.0,
-161.9, 65.7,
  23 12.8, 181.7, 283.9, -179.4, 59.8, 24 12.8, 139.9, 287.3,
-191.4, 52.0,
  25 12.8, 93.7, 281.9, -197.6, 42.7, 26 12.8, 103.9, 285.9,
-207.0, 35.8,
  27 12.8, 148.8, 289.4, -213.3, 24.1, 28 12.8, 189.2, 284.0,
-213.1, 11.8,
  29 12.8, 223.9, 270.0, -206.5, -1.0, 30 12.8, 251.8, 247.8,
-193.6, -13.7,
  31 12.8, 272.0, 218.1, -174.8, -25.9, 32 12.8, 283.9, 181.7,
-150.7, -37.4,
  33 12.8, 287.3, 139.9, -122.0, -47.8, 34 12.8, 281.9, 93.7,
-89.6, -56.7,
  35 12.8, 285.9, 103.9, -87.7, -64.0, 36 12.8, 289.4, 148.8,
-98.5, -68.6,

 SOURCE ID: EG07
  IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ
  YADJ
   1 12.8, 284.0, 189.2, -109.0, -65.8, 2 12.8, 270.0, 223.9,
-114.5, -66.7,
   3 12.8, 247.8, 251.8, -116.5, -65.6, 4 12.8, 218.1, 272.0,
-115.0, -62.5,
   5 12.8, 181.7, 283.9, -110.0, -57.4, 6 12.8, 139.9, 287.3,
-101.6, -50.7,
   7 12.8, 93.7, 281.9, -90.1, -42.4, 8 12.8, 103.9, 285.9,
-84.8, -36.4,
   9 12.8, 148.8, 289.4, -81.8, -25.8, 10 12.8, 189.2, 284.0,
-76.2, -14.4,
  11 12.8, 223.9, 270.0, -68.3, -2.6, 12 12.8, 251.8, 247.8,
-58.3, 9.4,
  13 12.8, 272.0, 218.1, -46.6, 21.0, 14 12.8, 283.9, 181.7,
-33.4, 32.0,
  15 12.8, 287.3, 139.9, -19.3, 42.0, 16 12.8, 281.9, 93.7,
-4.5, 50.8,
  17 12.8, 285.9, 103.9, -15.5, 58.1, 18 12.8, 289.4, 148.8,
-48.6, 62.9,
  19 12.8, 284.0, 189.2, -80.2, 65.8, 20 12.8, 270.0, 223.9,
-109.4, 66.7,
  21 12.8, 247.8, 251.8, -135.3, 65.6, 22 12.8, 218.1, 272.0,
-157.0, 62.5,

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   23   12.8,  181.7,  283.9, -174.0,   57.4,     24   12.8,  139.9,  287.3,
-185.7,   50.7,
   25   12.8,   93.7,  281.9, -191.7,   42.4,     26   12.8,  103.9,  285.9,
-201.1,   36.4,
   27   12.8,  148.8,  289.4, -207.6,   25.8,     28   12.8,  189.2,  284.0,
-207.8,   14.4,
   29   12.8,  223.9,  270.0, -201.7,    2.6,     30   12.8,  251.8,  247.8,
-189.5,   -9.4,
   31   12.8,  272.0,  218.1, -171.5,  -21.0,     32   12.8,  283.9,  181.7,
-148.3,  -32.0,
   33   12.8,  287.3,  139.9, -120.6,  -42.0,     34   12.8,  281.9,   93.7,
-89.2,  -50.8,
   35   12.8,  285.9,  103.9,  -88.4,  -58.1,     36   12.8,  289.4,  148.8,
-100.2,  -62.9,


 SOURCE ID: EG08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -114.4,  -54.9,      2   12.8,  270.0,  223.9,
-121.7,  -56.9,
    3   12.8,  247.8,  251.8, -125.3,  -57.2,      4   12.8,  218.1,  272.0,
-125.1,  -55.7,
    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
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-143.4, -20.9,
   33   12.8, 287.3, 139.9, -117.7, -30.2,   34   12.8, 281.9,   93.7,
-88.4, -38.7,
   35   12.8, 285.9, 103.9, -89.7, -46.0,   36   12.8, 289.4, 148.8,
-103.6, -51.3,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG09
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -116.3, -50.2,   2   12.8, 270.0, 223.9,
-124.4, -52.6,
    3   12.8, 247.8, 251.8, -128.7, -53.4,   4   12.8, 218.1, 272.0,
-129.1, -52.6,
    5   12.8, 181.7, 283.9, -125.6, -50.2,   6   12.8, 139.9, 287.3,
-118.2, -46.2,
    7   12.8,   93.7, 281.9, -107.3, -40.9,   8   12.8, 103.9, 285.9,
-102.0, -38.0,
    9   12.8, 148.8, 289.4, -98.4, -30.3,   10   12.8, 189.2, 284.0,
-91.8, -21.7,
   11   12.8, 223.9, 270.0, -82.4, -12.4,   12   12.8, 251.8, 247.8,
-70.5,   -2.8,
   13   12.8, 272.0, 218.1, -56.4,   6.9,   14   12.8, 283.9, 181.7,
-40.7,   16.4,
   15   12.8, 287.3, 139.9, -23.7,   25.4,   16   12.8, 281.9,   93.7,
-6.0,   33.7,
   17   12.8, 285.9, 103.9, -14.0,   41.0,   18   12.8, 289.4, 148.8,
-44.1,   46.3,
   19   12.8, 284.0, 189.2, -72.9,   50.2,   20   12.8, 270.0, 223.9,
-99.5,   52.6,
   21   12.8, 247.8, 251.8, -123.1,   53.4,   22   12.8, 218.1, 272.0,
-142.9,   52.6,
   23   12.8, 181.7, 283.9, -158.4,   50.2,   24   12.8, 139.9, 287.3,
-169.1,   46.2,
   25   12.8,   93.7, 281.9, -174.6,   40.9,   26   12.8, 103.9, 285.9,
-184.0,   38.0,
   27   12.8, 148.8, 289.4, -191.0,   30.3,   28   12.8, 189.2, 284.0,
-192.2,   21.7,
   29   12.8, 223.9, 270.0, -187.6,   12.4,   30   12.8, 251.8, 247.8,

-177.3,   2.8,
   31   12.8, 272.0, 218.1, -161.7,   -6.9,   32   12.8, 283.9, 181.7,
-141.1, -16.4,
   33   12.8, 287.3, 139.9, -116.2, -25.4,   34   12.8, 281.9,   93.7,
-87.8, -33.7,
   35   12.8, 285.9, 103.9, -89.9, -41.0,   36   12.8, 289.4, 148.8,
-104.7, -46.3,

 SOURCE ID: EG10
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -121.6, -37.6,   2   12.8, 270.0, 223.9,
-131.8, -41.2,
    3   12.8, 247.8, 251.8, -138.0, -43.4,   4   12.8, 218.1, 272.0,
-140.0, -44.3,
    5   12.8, 181.7, 283.9, -137.7, -43.9,   6   12.8, 139.9, 287.3,
-131.2, -42.2,
    7   12.8,   93.7, 281.9, -120.8, -39.2,   8   12.8, 103.9, 285.9,
-115.6, -38.6,
    9   12.8, 148.8, 289.4, -111.7, -33.3,   10   12.8, 189.2, 284.0,
-104.3, -27.0,
   11   12.8, 223.9, 270.0, -93.8, -19.8,   12   12.8, 251.8, 247.8,
-80.5, -12.1,
   13   12.8, 272.0, 218.1, -64.7,   -3.9,   14   12.8, 283.9, 181.7,
-46.9,   4.3,
   15   12.8, 287.3, 139.9, -27.7,   12.4,   16   12.8, 281.9,   93.7,
-7.7,   20.1,
   17   12.8, 285.9, 103.9, -13.3,   27.4,   18   12.8, 289.4, 148.8,
-41.1,   33.0,
   19   12.8, 284.0, 189.2, -67.6,   37.6,   20   12.8, 270.0, 223.9,
-92.1,   41.2,
   21   12.8, 247.8, 251.8, -113.8,   43.4,   22   12.8, 218.1, 272.0,
-132.0,   44.3,
   23   12.8, 181.7, 283.9, -146.3,   43.9,   24   12.8, 139.9, 287.3,
-156.0,   42.2,
   25   12.8,   93.7, 281.9, -161.1,   39.2,   26   12.8, 103.9, 285.9,
-170.3,   38.6,
   27   12.8, 148.8, 289.4, -177.7,   33.3,   28   12.8, 189.2, 284.0,
-179.7,   27.0,
   29   12.8, 223.9, 270.0, -176.2,   19.8,   30   12.8, 251.8, 247.8,
-167.3,   12.1,
   31   12.8, 272.0, 218.1, -153.4,   3.9,   32   12.8, 283.9, 181.7,
-134.8,   -4.3,
   33   12.8, 287.3, 139.9, -112.1, -12.4,   34   12.8, 281.9,   93.7,
-86.0, -20.1,
   35   12.8, 285.9, 103.9, -90.5, -27.4,   36   12.8, 289.4, 148.8,
-107.7, -33.0,

SOURCE ID: EG11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-124.9,	-31.7,	2	12.8,	270.0,	223.9,	-136.1,	-35.9,
3	12.8,	247.8,	251.8,	-143.1,	-39.0,	4	12.8,	218.1,	272.0,	-145.8,	-40.9,
5	12.8,	181.7,	283.9,	-144.1,	-41.5,	6	12.8,	139.9,	287.3,	-137.9,	-40.9,
7	12.8,	93.7,	281.9,	-127.6,	-39.1,	8	12.8,	103.9,	285.9,	-122.3,	-39.7,
9	12.8,	148.8,	289.4,	-118.1,	-35.5,	10	12.8,	189.2,	284.0,	-110.3,	-30.3,
11	12.8,	223.9,	270.0,	-99.1,	-24.1,	12	12.8,	251.8,	247.8,	-84.9,	-17.2,
13	12.8,	272.0,	218.1,	-68.2,	-9.8,	14	12.8,	283.9,	181.7,	-49.3,	-2.1,
15	12.8,	287.3,	139.9,	-29.0,	5.7,	16	12.8,	281.9,	93.7,	-7.8,	13.3,
17	12.8,	285.9,	103.9,	-12.2,	20.6,	18	12.8,	289.4,	148.8,	-38.9,	26.6,
19	12.8,	284.0,	189.2,	-64.3,	31.7,	20	12.8,	270.0,	223.9,	-87.8,	35.9,
21	12.8,	247.8,	251.8,	-108.7,	39.0,	22	12.8,	218.1,	272.0,	-126.2,	40.9,
23	12.8,	181.7,	283.9,	-139.9,	41.5,	24	12.8,	139.9,	287.3,	-149.3,	40.9,
25	12.8,	93.7,	281.9,	-154.2,	39.1,	26	12.8,	103.9,	285.9,	-163.6,	39.7,
27	12.8,	148.8,	289.4,	-171.3,	35.5,	28	12.8,	189.2,	284.0,	-173.7,	30.3,
29	12.8,	223.9,	270.0,	-170.9,	24.1,	30	12.8,	251.8,	247.8,	-162.9,	17.2,
31	12.8,	272.0,	218.1,	-149.9,	9.8,	32	12.8,	283.9,	181.7,	-132.4,	2.1,
33	12.8,	287.3,	139.9,	-110.8,	-5.7,	34	12.8,	281.9,	93.7,	-85.9,	-13.3,
35	12.8,	285.9,	103.9,	-91.6,	-20.6,	36	12.8,	289.4,	148.8,	-110.0,	-26.6,

SOURCE ID: EG12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-130.1,	-21.4,	2	12.8,	270.0,	223.9,	-143.0,	-26.7,
3	12.8,	247.8,	251.8,	-151.5,	-31.1,	4	12.8,	218.1,	272.0,	-155.4,	-34.6,
5	12.8,	181.7,	283.9,	-154.6,	-37.0,	6	12.8,	139.9,	287.3,	-149.1,	-38.3,

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    7   12.8,   93.7,  281.9, -139.1,  -38.4,      8   12.8,  103.9,  285.9,
-133.8,  -41.1,
    9   12.8,  148.8,  289.4, -129.1,  -38.9,     10   12.8,  189.2,  284.0,
-120.6,  -35.5,
   11   12.8,  223.9,  270.0, -108.3,  -31.0,     12   12.8,  251.8,  247.8,
-92.8,  -25.6,
   13   12.8,  272.0,  218.1,  -74.5,  -19.4,     14   12.8,  283.9,  181.7,
-53.9,  -12.7,
   15   12.8,  287.3,  139.9,  -31.6,   -5.5,     16   12.8,  281.9,   93.7,
-8.4,    1.8,
   17   12.8,  285.9,  103.9,  -10.9,    9.2,     18   12.8,  289.4,  148.8,
-35.5,   15.6,
   19   12.8,  284.0,  189.2,  -59.1,   21.4,     20   12.8,  270.0,  223.9,
-80.9,   26.7,
   21   12.8,  247.8,  251.8, -100.3,   31.1,     22   12.8,  218.1,  272.0,
-116.6,   34.6,
   23   12.8,  181.7,  283.9, -129.3,   37.0,     24   12.8,  139.9,  287.3,
-138.1,   38.3,
   25   12.8,   93.7,  281.9, -142.8,   38.4,     26   12.8,  103.9,  285.9,
-152.2,   41.1,
   27   12.8,  148.8,  289.4, -160.2,   38.9,     28   12.8,  189.2,  284.0,
-163.4,   35.5,
   29   12.8,  223.9,  270.0, -161.7,   31.0,     30   12.8,  251.8,  247.8,
-155.0,   25.6,
   31   12.8,  272.0,  218.1, -143.6,   19.4,     32   12.8,  283.9,  181.7,
-127.8,   12.7,
   33   12.8,  287.3,  139.9, -108.2,    5.5,     34   12.8,  281.9,   93.7,
-85.3,   -1.8,
   35   12.8,  285.9,  103.9,  -93.0,   -9.2,     36   12.8,  289.4,  148.8,
-113.3,  -15.6,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE   8
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG13
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -132.6,  -15.5,      2   12.8,  270.0,  223.9,
-146.5,  -21.2,
    3   12.8,  247.8,  251.8, -155.9,  -26.4,      4   12.8,  218.1,  272.0,
-160.6,  -30.7,
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    5   12.8,  181.7,  283.9, -160.4,  -34.0,      6   12.8,  139.9,  287.3,
-155.3,  -36.4,
    7   12.8,   93.7,  281.9, -145.5,  -37.6,      8   12.8,  103.9,  285.9,
-140.2,  -41.4,
    9   12.8,  148.8,  289.4, -135.4,  -40.3,     10   12.8,  189.2,  284.0,
-126.5,  -38.0,
   11   12.8,  223.9,  270.0, -113.8,  -34.5,     12   12.8,  251.8,  247.8,
-97.5,  -30.0,
   13   12.8,  272.0,  218.1,  -78.4,  -24.6,     14   12.8,  283.9,  181.7,
-56.8,  -18.4,
   15   12.8,  287.3,  139.9,  -33.5,  -11.7,     16   12.8,  281.9,   93.7,
-9.2,   -4.6,
   17   12.8,  285.9,  103.9,  -10.6,    2.8,     18   12.8,  289.4,  148.8,
-34.1,    9.3,
   19   12.8,  284.0,  189.2,  -56.6,   15.5,     20   12.8,  270.0,  223.9,
-77.4,   21.2,
   21   12.8,  247.8,  251.8,  -95.9,   26.4,     22   12.8,  218.1,  272.0,
-111.4,   30.7,
   23   12.8,  181.7,  283.9, -123.6,   34.0,     24   12.8,  139.9,  287.3,
-132.0,   36.4,
   25   12.8,   93.7,  281.9, -136.4,   37.6,     26   12.8,  103.9,  285.9,
-145.7,   41.4,
   27   12.8,  148.8,  289.4, -154.0,   40.3,     28   12.8,  189.2,  284.0,
-157.5,   38.0,
   29   12.8,  223.9,  270.0, -156.2,   34.5,     30   12.8,  251.8,  247.8,
-150.3,   30.0,
   31   12.8,  272.0,  218.1, -139.7,   24.6,     32   12.8,  283.9,  181.7,
-124.9,   18.4,
   33   12.8,  287.3,  139.9, -106.3,   11.7,     34   12.8,  281.9,   93.7,
-84.5,    4.6,
   35   12.8,  285.9,  103.9,  -93.3,   -2.8,     36   12.8,  289.4,  148.8,
-114.7,   -9.3,


 SOURCE ID: EG14
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -137.7,   -4.3,      2   12.8,  270.0,  223.9,
-153.4,  -11.1,
    3   12.8,  247.8,  251.8, -164.5,  -17.6,      4   12.8,  218.1,  272.0,
-170.6,  -23.5,
    5   12.8,  181.7,  283.9, -171.5,  -28.8,      6   12.8,  139.9,  287.3,
-167.1,  -33.1,
    7   12.8,   93.7,  281.9, -157.7,  -36.4,      8   12.8,  103.9,  285.9,
-152.5,  -42.3,
    9   12.8,  148.8,  289.4, -147.3,  -43.4,     10   12.8,  189.2,  284.0,
-137.7,  -43.1,
   11   12.8,  223.9,  270.0, -123.9,  -41.5,     12   12.8,  251.8,  247.8,
-106.3,  -38.6,
   13   12.8,  272.0,  218.1,  -85.5,  -34.6,     14   12.8,  283.9,  181.7,
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-62.1,  -29.5,
   15   12.8,  287.3,  139.9,  -36.8,  -23.5,     16   12.8,  281.9,   93.7,
-10.4,  -16.8,
   17   12.8,  285.9,  103.9,   -9.6,   -9.5,     18   12.8,  289.4,  148.8,
-31.0,   -2.6,
   19   12.8,  284.0,  189.2,  -51.5,    4.3,     20   12.8,  270.0,  223.9,
-70.5,   11.1,
   21   12.8,  247.8,  251.8,  -87.3,   17.6,     22   12.8,  218.1,  272.0,
-101.4,   23.5,
   23   12.8,  181.7,  283.9, -112.5,   28.8,     24   12.8,  139.9,  287.3,
-120.1,   33.1,
   25   12.8,   93.7,  281.9, -124.1,   36.4,     26   12.8,  103.9,  285.9,
-133.5,   42.3,
   27   12.8,  148.8,  289.4, -142.1,   43.4,     28   12.8,  189.2,  284.0,
-146.3,   43.1,
   29   12.8,  223.9,  270.0, -146.1,   41.5,     30   12.8,  251.8,  247.8,
-141.5,   38.6,
   31   12.8,  272.0,  218.1, -132.6,   34.6,     32   12.8,  283.9,  181.7,
-119.6,   29.5,
   33   12.8,  287.3,  139.9, -103.0,   23.5,     34   12.8,  281.9,   93.7,
-83.3,   16.8,
   35   12.8,  285.9,  103.9,  -94.3,    9.5,     36   12.8,  289.4,  148.8,
-117.8,    2.6,


 SOURCE ID: EG15
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -140.3,    1.4,      2   12.8,  270.0,  223.9,
-157.0,   -5.9,
    3   12.8,  247.8,  251.8, -168.9,  -13.1,      4   12.8,  218.1,  272.0,
-175.7,  -19.9,
    5   12.8,  181.7,  283.9, -177.1,  -26.0,      6   12.8,  139.9,  287.3,
-173.2,  -31.4,
    7   12.8,   93.7,  281.9, -164.0,  -35.8,      8   12.8,  103.9,  285.9,
-158.7,  -42.8,
    9   12.8,  148.8,  289.4, -153.4,  -44.9,     10   12.8,  189.2,  284.0,
-143.4,  -45.6,
   11   12.8,  223.9,  270.0, -129.1,  -45.0,     12   12.8,  251.8,  247.8,
-110.8,  -43.0,
   13   12.8,  272.0,  218.1,  -89.2,  -39.7,     14   12.8,  283.9,  181.7,
-64.8,  -35.1,
   15   12.8,  287.3,  139.9,  -38.5,  -29.5,     16   12.8,  281.9,   93.7,
-11.1,  -23.1,
   17   12.8,  285.9,  103.9,   -9.1,  -15.7,     18   12.8,  289.4,  148.8,
-29.5,   -8.7,
   19   12.8,  284.0,  189.2,  -49.0,   -1.4,     20   12.8,  270.0,  223.9,
-67.0,    5.9,
   21   12.8,  247.8,  251.8,  -82.9,   13.1,     22   12.8,  218.1,  272.0,
-96.3,   19.9,
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   23   12.8,  181.7,  283.9, -106.8,   26.0,     24   12.8,  139.9,  287.3,
-114.1,   31.4,
   25   12.8,   93.7,  281.9, -117.9,   35.8,     26   12.8,  103.9,  285.9,
-127.2,   42.8,
   27   12.8,  148.8,  289.4, -136.0,   44.9,     28   12.8,  189.2,  284.0,
-140.6,   45.6,
   29   12.8,  223.9,  270.0, -140.9,   45.0,     30   12.8,  251.8,  247.8,
-137.0,   43.0,
   31   12.8,  272.0,  218.1, -128.9,   39.7,     32   12.8,  283.9,  181.7,
-116.9,   35.1,
   33   12.8,  287.3,  139.9, -101.3,   29.5,     34   12.8,  281.9,   93.7,
-82.7,   23.1,
   35   12.8,  285.9,  103.9,  -94.8,   15.7,     36   12.8,  289.4,  148.8,
-119.3,    8.7,


 SOURCE ID: EG16
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -145.7,   12.1,      2   12.8,  270.0,  223.9,
-164.1,    3.6,
    3   12.8,  247.8,  251.8, -177.6,   -4.9,      4   12.8,  218.1,  272.0,
-185.7,  -13.4,
    5   12.8,  181.7,  283.9, -188.1,  -21.4,      6   12.8,  139.9,  287.3,
-184.8,  -28.7,
    7   12.8,   93.7,  281.9, -175.9,  -35.2,      8   12.8,  103.9,  285.9,
-170.6,  -44.2,
    9   12.8,  148.8,  289.4, -164.8,  -48.4,     10   12.8,  189.2,  284.0,
-154.1,  -51.1,
   11   12.8,  223.9,  270.0, -138.6,  -52.2,     12   12.8,  251.8,  247.8,
-119.0,  -51.7,
   13   12.8,  272.0,  218.1,  -95.7,  -49.7,     14   12.8,  283.9,  181.7,
-69.5,  -46.1,
   15   12.8,  287.3,  139.9,  -41.2,  -41.2,     16   12.8,  281.9,   93.7,
-11.7,  -35.0,
   17   12.8,  285.9,  103.9,   -7.7,  -27.6,     18   12.8,  289.4,  148.8,
-26.0,  -20.1,
   19   12.8,  284.0,  189.2,  -43.5,  -12.1,     20   12.8,  270.0,  223.9,
-59.8,   -3.6,
   21   12.8,  247.8,  251.8,  -74.2,    4.9,     22   12.8,  218.1,  272.0,
-86.3,   13.4,
   23   12.8,  181.7,  283.9,  -95.8,   21.4,     24   12.8,  139.9,  287.3,
-102.5,   28.7,
   25   12.8,   93.7,  281.9, -106.0,   35.2,     26   12.8,  103.9,  285.9,
-115.4,   44.2,
   27   12.8,  148.8,  289.4, -124.5,   48.4,     28   12.8,  189.2,  284.0,
-130.0,   51.1,
   29   12.8,  223.9,  270.0, -131.4,   52.2,     30   12.8,  251.8,  247.8,
-128.9,   51.7,
   31   12.8,  272.0,  218.1, -122.4,   49.7,     32   12.8,  283.9,  181.7,
```

-112.2,   46.1,
   33   12.8, 287.3, 139.9, -98.6,   41.2,   34   12.8, 281.9,   93.7,
-82.0,   35.0,
   35   12.8, 285.9, 103.9, -96.2,   27.6,   36   12.8, 289.4, 148.8,
-122.8,   20.1,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG17
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -147.9,   18.4,   2   12.8, 270.0, 223.9,
-167.4,   9.5,
    3   12.8, 247.8, 251.8, -181.9,   0.2,   4   12.8, 218.1, 272.0,
-190.8,   -9.0,
    5   12.8, 181.7, 283.9, -193.9, -17.9,   6   12.8, 139.9, 287.3,
-191.1, -26.3,
    7   12.8,   93.7, 281.9, -182.5, -33.9,   8   12.8, 103.9, 285.9,
-177.3, -44.2,
    9   12.8, 148.8, 289.4, -171.4, -49.5,   10   12.8, 189.2, 284.0,
-160.4, -53.3,
   11   12.8, 223.9, 270.0, -144.5, -55.5,   12   12.8, 251.8, 247.8,
-124.1, -56.0,
   13   12.8, 272.0, 218.1, -100.1, -54.8,   14   12.8, 283.9, 181.7,
-72.9, -51.9,
   15   12.8, 287.3, 139.9, -43.6, -47.4,   16   12.8, 281.9,   93.7,
-12.9, -41.6,
   17   12.8, 285.9, 103.9,   -7.8, -34.3,   18   12.8, 289.4, 148.8,
-24.9, -26.7,
   19   12.8, 284.0, 189.2, -41.3, -18.4,   20   12.8, 270.0, 223.9,
-56.5,   -9.5,
   21   12.8, 247.8, 251.8, -69.9,   -0.2,   22   12.8, 218.1, 272.0,
-81.2,   9.0,
   23   12.8, 181.7, 283.9, -90.1,   17.9,   24   12.8, 139.9, 287.3,
-96.2,   26.3,
   25   12.8,   93.7, 281.9, -99.4,   33.9,   26   12.8, 103.9, 285.9,
-108.7,   44.2,
   27   12.8, 148.8, 289.4, -117.9,   49.5,   28   12.8, 189.2, 284.0,
-123.6,   53.3,
   29   12.8, 223.9, 270.0, -125.5,   55.5,   30   12.8, 251.8, 247.8,

-123.7,   56.0,
   31   12.8, 272.0, 218.1, -118.0,   54.8,   32   12.8, 283.9, 181.7,
-108.8,   51.9,
   33   12.8, 287.3, 139.9, -96.3,   47.4,   34   12.8, 281.9,   93.7,
-80.8,   41.6,
   35   12.8, 285.9, 103.9, -96.1,   34.3,   36   12.8, 289.4, 148.8,
-123.9,   26.7,

 SOURCE ID: EG18
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -153.6,   29.0,   2   12.8, 270.0, 223.9,
-174.8,   18.9,
    3   12.8, 247.8, 251.8, -190.8,   8.3,   4   12.8, 218.1, 272.0,
-201.0,   -2.6,
    5   12.8, 181.7, 283.9, -205.0, -13.4,   6   12.8, 139.9, 287.3,
-202.9, -23.9,
    7   12.8,   93.7, 281.9, -194.5, -33.5,   8   12.8, 103.9, 285.9,
-189.2, -45.9,
    9   12.8, 148.8, 289.4, -182.9, -53.2,   10   12.8, 189.2, 284.0,
-171.0, -58.9,
   11   12.8, 223.9, 270.0, -153.9, -62.9,   12   12.8, 251.8, 247.8,
-132.2, -64.9,
   13   12.8, 272.0, 218.1, -106.4, -65.0,   14   12.8, 283.9, 181.7,
-77.4, -63.0,
   15   12.8, 287.3, 139.9, -46.1, -59.2,   16   12.8, 281.9,   93.7,
-13.3, -53.6,
   17   12.8, 285.9, 103.9,   -6.1, -46.2,   18   12.8, 289.4, 148.8,
-21.2, -38.2,
   19   12.8, 284.0, 189.2, -35.7, -29.0,   20   12.8, 270.0, 223.9,
-49.1, -18.9,
   21   12.8, 247.8, 251.8, -61.0,   -8.3,   22   12.8, 218.1, 272.0,
-71.0,   2.6,
   23   12.8, 181.7, 283.9, -78.9,   13.4,   24   12.8, 139.9, 287.3,
-84.4,   23.9,
   25   12.8,   93.7, 281.9, -87.4,   33.5,   26   12.8, 103.9, 285.9,
-96.8,   45.9,
   27   12.8, 148.8, 289.4, -106.5,   53.2,   28   12.8, 189.2, 284.0,
-113.0,   58.9,
   29   12.8, 223.9, 270.0, -116.1,   62.9,   30   12.8, 251.8, 247.8,
-115.6,   64.9,
   31   12.8, 272.0, 218.1, -111.7,   65.0,   32   12.8, 283.9, 181.7,
-104.3,   63.0,
   33   12.8, 287.3, 139.9, -93.8,   59.2,   34   12.8, 281.9,   93.7,
-80.4,   53.6,
   35   12.8, 285.9, 103.9, -97.8,   46.2,   36   12.8, 289.4, 148.8,
-127.6,   38.2,

SOURCE ID: EG19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-156.2,	34.8,	2	12.8,	270.0,	223.9,	-178.4,	24.1,
3	12.8,	247.8,	251.8,	-195.2,	12.8,	4	12.8,	218.1,	272.0,	-206.1,	1.1,
5	12.8,	181.7,	283.9,	-210.7,	-10.7,	6	12.8,	139.9,	287.3,	-208.9,	-22.1,
7	12.8,	93.7,	281.9,	-200.8,	-32.9,	8	12.8,	103.9,	285.9,	-195.5,	-46.3,
9	12.8,	148.8,	289.4,	-189.0,	-54.8,	10	12.8,	189.2,	284.0,	-176.8,	-61.5,
11	12.8,	223.9,	270.0,	-159.2,	-66.5,	12	12.8,	251.8,	247.8,	-136.7,	-69.3,
13	12.8,	272.0,	218.1,	-110.1,	-70.1,	14	12.8,	283.9,	181.7,	-80.2,	-68.8,
15	12.8,	287.3,	139.9,	-47.8,	-65.3,	16	12.8,	281.9,	93.7,	-14.0,	-59.9,
17	12.8,	285.9,	103.9,	-5.6,	-52.5,	18	12.8,	289.4,	148.8,	-19.6,	-44.3,
19	12.8,	284.0,	189.2,	-33.1,	-34.8,	20	12.8,	270.0,	223.9,	-45.5,	-24.1,
21	12.8,	247.8,	251.8,	-56.6,	-12.8,	22	12.8,	218.1,	272.0,	-65.9,	-1.1,
23	12.8,	181.7,	283.9,	-73.2,	10.7,	24	12.8,	139.9,	287.3,	-78.3,	22.1,
25	12.8,	93.7,	281.9,	-81.1,	32.9,	26	12.8,	103.9,	285.9,	-90.5,	46.3,
27	12.8,	148.8,	289.4,	-100.4,	54.8,	28	12.8,	189.2,	284.0,	-107.2,	61.5,
29	12.8,	223.9,	270.0,	-110.9,	66.5,	30	12.8,	251.8,	247.8,	-111.1,	69.3,
31	12.8,	272.0,	218.1,	-108.0,	70.1,	32	12.8,	283.9,	181.7,	-101.6,	68.8,
33	12.8,	287.3,	139.9,	-92.1,	65.3,	34	12.8,	281.9,	93.7,	-79.8,	59.9,
35	12.8,	285.9,	103.9,	-98.3,	52.5,	36	12.8,	289.4,	148.8,	-129.2,	44.3,

SOURCE ID: EG20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-161.3,	45.8,	2	12.8,	270.0,	223.9,	-185.4,	34.1,
3	12.8,	247.8,	251.8,	-203.8,	21.4,	4	12.8,	218.1,	272.0,	-216.1,	8.1,
5	12.8,	181.7,	283.9,	-221.8,	-5.5,	6	12.8,	139.9,	287.3,	-220.7,	-19.0,

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    7   12.8,   93.7,  281.9, -213.0,  -31.8,      8   12.8,  103.9,  285.9,
-207.6,  -47.4,
    9   12.8,  148.8,  289.4, -200.8,  -57.9,     10   12.8,  189.2,  284.0,
-187.8,  -66.7,
   11   12.8,  223.9,  270.0, -169.2,  -73.4,     12   12.8,  251.8,  247.8,
-145.3,  -77.9,
   13   12.8,  272.0,  218.1, -117.1,  -80.1,     14   12.8,  283.9,  181.7,
-85.3,  -79.8,
   15   12.8,  287.3,  139.9,  -51.0,  -77.1,     16   12.8,  281.9,   93.7,
-15.1,  -72.0,
   17   12.8,  285.9,  103.9,   -4.6,  -64.7,     18   12.8,  289.4,  148.8,
-16.5,  -56.1,
   19   12.8,  284.0,  189.2,  -27.9,  -45.8,     20   12.8,  270.0,  223.9,
-38.5,  -34.1,
   21   12.8,  247.8,  251.8,  -48.0,  -21.4,     22   12.8,  218.1,  272.0,
-55.9,   -8.1,
   23   12.8,  181.7,  283.9,  -62.2,    5.5,     24   12.8,  139.9,  287.3,
-66.6,   19.0,
   25   12.8,   93.7,  281.9,  -68.9,   31.8,     26   12.8,  103.9,  285.9,
-78.3,   47.4,
   27   12.8,  148.8,  289.4,  -88.6,   57.9,     28   12.8,  189.2,  284.0,
-96.2,   66.7,
   29   12.8,  223.9,  270.0, -100.9,   73.4,     30   12.8,  251.8,  247.8,
-102.5,   77.9,
   31   12.8,  272.0,  218.1, -101.0,   80.1,     32   12.8,  283.9,  181.7,
-96.4,   79.8,
   33   12.8,  287.3,  139.9,  -88.9,   77.1,     34   12.8,  281.9,   93.7,
-78.7,   72.0,
   35   12.8,  285.9,  103.9,  -99.3,   64.7,     36   12.8,  289.4,  148.8,
-132.3,   56.1,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  10
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG21
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -164.0,   51.3,      2   12.8,  270.0,  223.9,
-189.0,   39.1,
    3   12.8,  247.8,  251.8, -208.2,   25.7,      4   12.8,  218.1,  272.0,
-221.2,   11.5,
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    5   12.8,  181.7,  283.9, -227.4,   -3.0,      6   12.8,  139.9,  287.3,
-226.7,  -17.5,
    7   12.8,   93.7,  281.9, -219.1,  -31.4,      8   12.8,  103.9,  285.9,
-213.7,  -48.0,
    9   12.8,  148.8,  289.4, -206.7,  -59.6,     10   12.8,  189.2,  284.0,
-193.3,  -69.3,
   11   12.8,  223.9,  270.0, -174.1,  -77.0,     12   12.8,  251.8,  247.8,
-149.6,  -82.3,
   13   12.8,  272.0,  218.1, -120.6,  -85.1,     14   12.8,  283.9,  181.7,
-87.8,  -85.4,
   15   12.8,  287.3,  139.9,  -52.5,  -83.0,     16   12.8,  281.9,   93.7,
-15.5,  -78.1,
   17   12.8,  285.9,  103.9,   -3.9,  -70.8,     18   12.8,  289.4,  148.8,
-14.8,  -62.0,
   19   12.8,  284.0,  189.2,  -25.3,  -51.3,     20   12.8,  270.0,  223.9,
-34.9,  -39.1,
   21   12.8,  247.8,  251.8,  -43.5,  -25.7,     22   12.8,  218.1,  272.0,
-50.8,  -11.5,
   23   12.8,  181.7,  283.9,  -56.6,    3.0,     24   12.8,  139.9,  287.3,
-60.6,   17.5,
   25   12.8,   93.7,  281.9,  -62.8,   31.4,     26   12.8,  103.9,  285.9,
-72.2,   48.0,
   27   12.8,  148.8,  289.4,  -82.7,   59.6,     28   12.8,  189.2,  284.0,
-90.7,   69.3,
   29   12.8,  223.9,  270.0,  -95.9,   77.0,     30   12.8,  251.8,  247.8,
-98.2,   82.3,
   31   12.8,  272.0,  218.1,  -97.5,   85.1,     32   12.8,  283.9,  181.7,
-93.9,   85.4,
   33   12.8,  287.3,  139.9,  -87.4,   83.0,     34   12.8,  281.9,   93.7,
-78.2,   78.1,
   35   12.8,  285.9,  103.9,  -99.9,   70.8,     36   12.8,  289.4,  148.8,
-134.0,   62.0,


 SOURCE ID: EG22
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -168.6,   62.3,      2   12.8,  270.0,  223.9,
-195.4,   49.2,
    3   12.8,  247.8,  251.8, -216.3,   34.5,      4   12.8,  218.1,  272.0,
-230.7,   18.8,
    5   12.8,  181.7,  283.9, -238.0,    2.4,      6   12.8,  139.9,  287.3,
-238.1,  -13.9,
    7   12.8,   93.7,  281.9, -230.9,  -29.9,      8   12.8,  103.9,  285.9,
-225.7,  -48.6,
    9   12.8,  148.8,  289.4, -218.3,  -62.2,     10   12.8,  189.2,  284.0,
-204.4,  -74.0,
   11   12.8,  223.9,  270.0, -184.2,  -83.5,     12   12.8,  251.8,  247.8,
-158.4,  -90.5,
   13   12.8,  272.0,  218.1, -127.8,  -94.7,     14   12.8,  283.9,  181.7,
```

-93.3, -96.0,
   15   12.8, 287.3, 139.9, -56.0, -94.4,   16   12.8, 281.9,   93.7,
-17.0, -90.0,
   17   12.8, 285.9, 103.9,   -3.3, -82.7,   18   12.8, 289.4, 148.8,
-12.2, -73.6,
   19   12.8, 284.0, 189.2, -20.6, -62.3,   20   12.8, 270.0, 223.9,
-28.5, -49.2,
   21   12.8, 247.8, 251.8, -35.4, -34.5,   22   12.8, 218.1, 272.0,
-41.3, -18.8,
   23   12.8, 181.7, 283.9, -46.0,   -2.4,   24   12.8, 139.9, 287.3,
-49.2,   13.9,
   25   12.8,   93.7, 281.9, -50.9,   29.9,   26   12.8, 103.9, 285.9,
-60.3,   48.6,
   27   12.8, 148.8, 289.4, -71.0,   62.2,   28   12.8, 189.2, 284.0,
-79.6,   74.0,
   29   12.8, 223.9, 270.0, -85.8,   83.5,   30   12.8, 251.8, 247.8,
-89.4,   90.5,
   31   12.8, 272.0, 218.1, -90.3,   94.7,   32   12.8, 283.9, 181.7,
-88.4,   96.0,
   33   12.8, 287.3, 139.9, -83.8,   94.4,   34   12.8, 281.9,   93.7,
-76.7,   90.0,
   35   12.8, 285.9, 103.9, -100.5,   82.7,   36   12.8, 289.4, 148.8,
-136.6,   73.6,

 SOURCE ID: EG23
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -171.8,   68.3,   2   12.8, 270.0, 223.9,
-199.7,   54.4,
    3   12.8, 247.8, 251.8, -221.4,   38.9,   4   12.8, 218.1, 272.0,
-236.4,   22.2,
    5   12.8, 181.7, 283.9, -244.3,   4.9,   6   12.8, 139.9, 287.3,
-244.7, -12.6,
    7   12.8,   93.7, 281.9, -237.7, -29.7,   8   12.8, 103.9, 285.9,
-232.3, -49.6,
    9   12.8, 148.8, 289.4, -224.7, -64.4,   10   12.8, 189.2, 284.0,
-210.3, -77.2,
   11   12.8, 223.9, 270.0, -189.4, -87.7,   12   12.8, 251.8, 247.8,
-162.8, -95.5,
   13   12.8, 272.0, 218.1, -131.3, -100.4,   14   12.8, 283.9, 181.7,
-95.8, -102.3,
   15   12.8, 287.3, 139.9, -57.3, -101.0,   16   12.8, 281.9,   93.7,
-17.1, -96.7,
   17   12.8, 285.9, 103.9,   -2.3, -89.4,   18   12.8, 289.4, 148.8,
-10.0, -80.0,
   19   12.8, 284.0, 189.2, -17.4, -68.3,   20   12.8, 270.0, 223.9,
-24.2, -54.4,
   21   12.8, 247.8, 251.8, -30.4, -38.9,   22   12.8, 218.1, 272.0,
-35.6, -22.2,

```
   23   12.8,  181.7,  283.9,  -39.7,   -4.9,     24   12.8,  139.9,  287.3,
-42.6,   12.6,
   25   12.8,   93.7,  281.9,  -44.2,   29.7,     26   12.8,  103.9,  285.9,
-53.6,   49.6,
   27   12.8,  148.8,  289.4,  -64.7,   64.4,     28   12.8,  189.2,  284.0,
-73.7,   77.2,
   29   12.8,  223.9,  270.0,  -80.6,   87.7,     30   12.8,  251.8,  247.8,
-85.0,   95.5,
   31   12.8,  272.0,  218.1,  -86.8,  100.4,     32   12.8,  283.9,  181.7,
-86.0,  102.3,
   33   12.8,  287.3,  139.9,  -82.5,  101.0,     34   12.8,  281.9,   93.7,
-76.6,   96.7,
   35   12.8,  285.9,  103.9, -101.5,   89.4,     36   12.8,  289.4,  148.8,
-138.8,   80.0,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
```

-80.5, 113.4,
   33   12.8, 287.3, 139.9, -79.0, 112.9,   34   12.8, 281.9,   93.7,
-75.2, 109.0,
   35   12.8, 285.9, 103.9, -102.3, 101.7,   36   12.8, 289.4, 148.8,
-141.7,   92.0,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (396558.3, 3766771.1,   87.6,   105.5,   0.0);   (396598.3,
3766771.1,   91.2,   105.5,   0.0);
     (396638.3, 3766771.1,   99.2,   100.5,   0.0);   (396678.3,
3766771.1,   103.0,   103.0,   0.0);
     (396718.3, 3766771.1,   105.1,   105.1,   0.0);   (396758.3,
3766771.1,   104.2,   105.0,   0.0);
     (396798.3, 3766771.1,   100.8,   100.8,   0.0);   (396838.3,
3766771.1,   100.7,   100.7,   0.0);
     (396878.3, 3766771.1,   100.6,   100.6,   0.0);   (396918.3,
3766771.1,   101.1,   101.1,   0.0);
     (396958.3, 3766771.1,   101.5,   101.5,   0.0);   (396998.3,
3766771.1,   101.5,   101.5,   0.0);
     (397038.3, 3766771.1,   101.3,   101.3,   0.0);   (397078.3,
3766771.1,   101.1,   185.1,   0.0);
     (397118.3, 3766771.1,   100.2,   185.1,   0.0);   (397158.3,
3766771.1,   98.7,   187.7,   0.0);
     (397198.3, 3766771.1,   98.3,   188.4,   0.0);   (397238.3,
3766771.1,   98.6,   188.6,   0.0);
     (397278.3, 3766771.1,   99.2,   188.6,   0.0);   (397318.3,
3766771.1,   99.9,   188.6,   0.0);
     (397358.3, 3766771.1,   100.6,   188.6,   0.0);   (397398.3,
3766771.1,   101.5,   189.8,   0.0);
     (397438.3, 3766771.1,   102.2,   191.1,   0.0);   (397478.3,
3766771.1,   103.1,   191.1,   0.0);
     (397518.3, 3766771.1,   103.9,   191.1,   0.0);   (397558.3,
3766771.1,   104.6,   191.1,   0.0);
     (397598.3, 3766771.1,   105.3,   191.1,   0.0);   (397638.3,
3766771.1,   106.0,   191.1,   0.0);
     (397678.3, 3766771.1,   106.6,   191.1,   0.0);   (397718.3,
3766771.1,   106.6,   191.1,   0.0);
     (396558.3, 3766811.1,   87.7,   105.5,   0.0);   (396598.3,
3766811.1,   89.4,   105.5,   0.0);

```
     ( 396638.3, 3766811.1,      97.3,     104.7,       0.0);         ( 396678.3,
3766811.1,     102.7,     104.1,       0.0);
     ( 396718.3, 3766811.1,     102.9,     102.9,       0.0);         ( 396758.3,
3766811.1,     100.1,     105.5,       0.0);
     ( 396798.3, 3766811.1,     100.2,     100.2,       0.0);         ( 396838.3,
3766811.1,     100.5,     100.5,       0.0);
     ( 396878.3, 3766811.1,     100.7,     100.7,       0.0);         ( 396918.3,
3766811.1,     101.4,     101.4,       0.0);
     ( 396958.3, 3766811.1,     102.1,     102.1,       0.0);         ( 396998.3,
3766811.1,     102.4,     102.4,       0.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       0.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       0.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       0.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       0.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       0.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       0.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       0.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       0.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       0.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       0.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       0.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       0.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       0.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       0.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       0.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       0.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       0.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       0.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       0.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       0.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       0.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       0.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       0.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       0.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       0.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       0.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       0.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       0.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       0.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       0.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       0.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       0.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       0.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       0.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       0.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       0.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       0.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       0.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       0.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       0.0);
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(397438.3, 3766851.1, 103.2, 189.8, 0.0); (397478.3, 3766851.1, 104.0, 190.2, 0.0);
(397518.3, 3766851.1, 104.7, 191.1, 0.0); (397558.3, 3766851.1, 105.4, 191.1, 0.0);
(397598.3, 3766851.1, 106.1, 191.1, 0.0); (397638.3, 3766851.1, 106.8, 191.1, 0.0);
(397678.3, 3766851.1, 107.5, 191.1, 0.0); (397718.3, 3766851.1, 108.2, 191.1, 0.0);

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766891.1, 89.9, 133.9, 0.0); (396598.3, 3766891.1, 89.3, 133.9, 0.0);
(396638.3, 3766891.1, 91.7, 104.7, 0.0); (396678.3, 3766891.1, 96.0, 96.0, 0.0);
(396718.3, 3766891.1, 97.4, 97.4, 0.0); (396758.3, 3766891.1, 98.2, 98.2, 0.0);
(396798.3, 3766891.1, 98.9, 98.9, 0.0); (396838.3, 3766891.1, 99.6, 99.6, 0.0);
(396878.3, 3766891.1, 100.9, 100.9, 0.0); (396918.3, 3766891.1, 100.8, 100.8, 0.0);
(396958.3, 3766891.1, 101.7, 101.7, 0.0); (396998.3, 3766891.1, 102.5, 102.5, 0.0);
(397038.3, 3766891.1, 103.1, 103.1, 0.0); (397078.3, 3766891.1, 105.4, 105.4, 0.0);
(397118.3, 3766891.1, 106.4, 106.4, 0.0); (397158.3, 3766891.1, 105.5, 105.5, 0.0);
(397198.3, 3766891.1, 106.8, 106.8, 0.0); (397238.3, 3766891.1, 106.2, 106.2, 0.0);
(397278.3, 3766891.1, 106.0, 106.0, 0.0); (397318.3, 3766891.1, 105.6, 184.0, 0.0);
(397358.3, 3766891.1, 104.0, 188.3, 0.0); (397398.3, 3766891.1, 102.9, 188.6, 0.0);
(397438.3, 3766891.1, 103.4, 188.6, 0.0); (397478.3, 3766891.1, 104.2, 189.8, 0.0);
(397518.3, 3766891.1, 105.2, 190.2, 0.0); (397558.3, 3766891.1, 105.8, 191.1, 0.0);
(397598.3, 3766891.1, 106.5, 191.1, 0.0); (397638.3, 3766891.1, 107.2, 191.1, 0.0);
(397678.3, 3766891.1, 107.9, 191.1, 0.0); (397718.3, 3766891.1, 108.8, 191.1, 0.0);

```
     ( 396558.3, 3766931.1,      91.6,     135.0,       0.0);         ( 396598.3,
3766931.1,      91.1,     135.0,       0.0);
     ( 396638.3, 3766931.1,      93.8,      93.8,       0.0);         ( 396678.3,
3766931.1,      94.9,      94.9,       0.0);
     ( 396718.3, 3766931.1,      97.3,      97.3,       0.0);         ( 396758.3,
3766931.1,      98.4,      98.4,       0.0);
     ( 396798.3, 3766931.1,      99.1,      99.1,       0.0);         ( 396838.3,
3766931.1,      99.5,      99.5,       0.0);
     ( 396878.3, 3766931.1,     100.0,     100.0,       0.0);         ( 396918.3,
3766931.1,     100.6,     100.6,       0.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       0.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       0.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       0.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       0.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       0.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       0.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       0.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       0.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       0.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       0.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       0.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       0.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       0.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       0.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       0.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       0.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       0.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       0.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       0.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       0.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       0.0);         ( 396598.3,
3766971.1,      92.7,     135.5,       0.0);
     ( 396638.3, 3766971.1,      94.0,     135.0,       0.0);         ( 396678.3,
3766971.1,      95.0,     133.9,       0.0);
     ( 396718.3, 3766971.1,      96.8,      96.8,       0.0);         ( 396758.3,
3766971.1,      98.2,      98.2,       0.0);
     ( 396798.3, 3766971.1,      99.2,      99.2,       0.0);         ( 396838.3,
3766971.1,     100.1,     100.1,       0.0);
     ( 396878.3, 3766971.1,     100.1,     100.1,       0.0);         ( 396918.3,
3766971.1,     100.5,     100.5,       0.0);
     ( 396958.3, 3766971.1,     101.3,     134.6,       0.0);         ( 396998.3,
3766971.1,     103.3,     103.3,       0.0);
     ( 397038.3, 3766971.1,     105.5,     105.5,       0.0);         ( 397078.3,
3766971.1,     107.4,     107.4,       0.0);
     ( 397118.3, 3766971.1,     109.2,     109.2,       0.0);         ( 397158.3,
3766971.1,     109.7,     109.7,       0.0);
     ( 397198.3, 3766971.1,     109.7,     109.7,       0.0);         ( 397238.3,
3766971.1,     109.6,     109.6,       0.0);
     ( 397278.3, 3766971.1,     109.3,     149.0,       0.0);         ( 397318.3,
3766971.1,     110.3,     149.0,       0.0);
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(397358.3, 3766971.1, 115.5, 117.7, 0.0); (397398.3, 3766971.1, 114.0, 118.2, 0.0);
(397438.3, 3766971.1, 109.0, 149.0, 0.0); (397478.3, 3766971.1, 107.3, 186.4, 0.0);
(397518.3, 3766971.1, 107.2, 188.3, 0.0); (397558.3, 3766971.1, 107.1, 188.6, 0.0);
(397598.3, 3766971.1, 107.4, 190.2, 0.0); (397638.3, 3766971.1, 107.7, 190.6, 0.0);
(397678.3, 3766971.1, 107.8, 191.1, 0.0); (397718.3, 3766971.1, 110.6, 191.1, 0.0);

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3767011.1, 94.7, 135.7, 0.0); (396598.3, 3767011.1, 93.5, 135.7, 0.0);
(396638.3, 3767011.1, 94.6, 135.5, 0.0); (396678.3, 3767011.1, 96.0, 135.0, 0.0);
(396718.3, 3767011.1, 97.0, 133.9, 0.0); (396758.3, 3767011.1, 98.4, 98.4, 0.0);
(396798.3, 3767011.1, 99.5, 99.5, 0.0); (396838.3, 3767011.1, 100.6, 100.6, 0.0);
(396878.3, 3767011.1, 100.9, 134.6, 0.0); (396918.3, 3767011.1, 101.3, 134.6, 0.0);
(396958.3, 3767011.1, 101.5, 134.7, 0.0); (396998.3, 3767011.1, 103.7, 134.6, 0.0);
(397038.3, 3767011.1, 105.8, 134.6, 0.0); (397078.3, 3767011.1, 107.7, 107.7, 0.0);
(397118.3, 3767011.1, 109.4, 109.4, 0.0); (397158.3, 3767011.1, 109.6, 109.6, 0.0);
(397198.3, 3767011.1, 109.7, 147.6, 0.0); (397238.3, 3767011.1, 109.5, 149.0, 0.0);
(397278.3, 3767011.1, 110.1, 149.0, 0.0); (397318.3, 3767011.1, 111.3, 149.0, 0.0);
(397358.3, 3767011.1, 116.5, 147.6, 0.0); (397398.3, 3767011.1, 118.0, 118.0, 0.0);
(397438.3, 3767011.1, 113.2, 149.0, 0.0); (397478.3, 3767011.1, 109.0, 149.0, 0.0);
(397518.3, 3767011.1, 108.0, 149.0, 0.0); (397558.3, 3767011.1, 107.9, 187.3, 0.0);
(397598.3, 3767011.1, 107.9, 188.3, 0.0); (397638.3, 3767011.1, 108.1, 189.8, 0.0);

```
     ( 397678.3, 3767011.1,     108.0,     190.6,       0.0);         ( 397718.3,
3767011.1,     111.5,     190.2,       0.0);
     ( 396558.3, 3767051.1,      96.1,     135.7,       0.0);         ( 396598.3,
3767051.1,      95.6,     135.7,       0.0);
     ( 396638.3, 3767051.1,      95.1,     135.7,       0.0);         ( 396678.3,
3767051.1,      96.7,     135.7,       0.0);
     ( 396718.3, 3767051.1,      97.9,     135.5,       0.0);         ( 396758.3,
3767051.1,      99.0,     133.9,       0.0);
     ( 396798.3, 3767051.1,     100.2,     134.6,       0.0);         ( 396838.3,
3767051.1,     101.2,     134.6,       0.0);
     ( 396878.3, 3767051.1,     102.1,     134.6,       0.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       0.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       0.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       0.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       0.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       0.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       0.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       0.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       0.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       0.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       0.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       0.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       0.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       0.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       0.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       0.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       0.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       0.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       0.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       0.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       0.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       0.0);
     ( 396558.3, 3767091.1,      98.4,     135.7,       0.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       0.0);
     ( 396638.3, 3767091.1,      96.8,     135.7,       0.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       0.0);
     ( 396718.3, 3767091.1,      98.4,     135.7,       0.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       0.0);
     ( 396798.3, 3767091.1,     100.9,     134.6,       0.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       0.0);
     ( 396878.3, 3767091.1,     102.9,     142.2,       0.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       0.0);
     ( 396958.3, 3767091.1,     104.0,     142.2,       0.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       0.0);
     ( 397078.3, 3767091.1,     107.8,     147.6,       0.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       0.0);
     ( 397158.3, 3767091.1,     109.1,     149.0,       0.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       0.0);
     ( 397238.3, 3767091.1,     109.5,     149.0,       0.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       0.0);
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(397318.3, 3767091.1, 111.9, 149.0, 0.0); (397358.3, 3767091.1, 113.8, 149.0, 0.0);
(397398.3, 3767091.1, 116.6, 149.0, 0.0); (397438.3, 3767091.1, 117.2, 149.0, 0.0);
(397478.3, 3767091.1, 118.2, 149.0, 0.0); (397518.3, 3767091.1, 117.6, 149.0, 0.0);
(397558.3, 3767091.1, 117.9, 149.0, 0.0); (397598.3, 3767091.1, 114.8, 149.0, 0.0);
(397638.3, 3767091.1, 110.9, 149.0, 0.0); (397678.3, 3767091.1, 110.4, 149.0, 0.0);
(397718.3, 3767091.1, 112.0, 147.2, 0.0); (396558.3, 3767131.1, 101.2, 135.7, 0.0);

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396598.3, 3767131.1, 101.2, 135.7, 0.0); (396638.3, 3767131.1, 100.3, 135.7, 0.0);
(396678.3, 3767131.1, 97.7, 135.7, 0.0); (396718.3, 3767131.1, 98.2, 135.7, 0.0);
(396758.3, 3767131.1, 100.1, 142.2, 0.0); (396798.3, 3767131.1, 101.8, 142.2, 0.0);
(396838.3, 3767131.1, 103.2, 142.2, 0.0); (396878.3, 3767131.1, 104.6, 142.2, 0.0);
(396918.3, 3767131.1, 104.8, 142.2, 0.0); (396958.3, 3767131.1, 106.1, 142.2, 0.0);
(397238.3, 3767131.1, 111.0, 149.0, 0.0); (397278.3, 3767131.1, 111.3, 149.0, 0.0);
(397318.3, 3767131.1, 112.3, 149.0, 0.0); (397358.3, 3767131.1, 114.1, 149.0, 0.0);
(397398.3, 3767131.1, 116.4, 149.0, 0.0); (397438.3, 3767131.1, 117.3, 149.0, 0.0);
(397478.3, 3767131.1, 119.7, 149.0, 0.0); (397518.3, 3767131.1, 119.3, 149.0, 0.0);
(397558.3, 3767131.1, 119.0, 149.0, 0.0); (397598.3, 3767131.1, 117.4, 149.0, 0.0);
(397638.3, 3767131.1, 112.6, 149.0, 0.0); (397678.3, 3767131.1, 111.8, 149.0, 0.0);
(397718.3, 3767131.1, 112.0, 148.5, 0.0); (396558.3, 3767171.1, 104.7, 135.7, 0.0);
(396598.3, 3767171.1, 103.9, 135.7, 0.0); (396638.3, 3767171.1, 103.5, 135.7, 0.0);

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     ( 396678.3, 3767171.1,     100.8,     135.7,       0.0);         ( 396718.3,
3767171.1,      98.7,     142.2,       0.0);
     ( 396758.3, 3767171.1,      99.9,     142.2,       0.0);         ( 396798.3,
3767171.1,     102.6,     142.2,       0.0);
     ( 396838.3, 3767171.1,     104.8,     142.2,       0.0);         ( 396878.3,
3767171.1,     107.3,     142.2,       0.0);
     ( 396918.3, 3767171.1,     109.2,     142.2,       0.0);         ( 397438.3,
3767171.1,     117.8,     149.0,       0.0);
     ( 397478.3, 3767171.1,     118.3,     149.0,       0.0);         ( 397518.3,
3767171.1,     117.1,     149.0,       0.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       0.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       0.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       0.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       0.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       0.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       0.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       0.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       0.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       0.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       0.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       0.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       0.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       0.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       0.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       0.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       0.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       0.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       0.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       0.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       0.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       0.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       0.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       0.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       0.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       0.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       0.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       0.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       0.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       0.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       0.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       0.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       0.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       0.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       0.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       0.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       0.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       0.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       0.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       0.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396718.3, 3767291.1, 111.7, 135.7, 0.0); (396758.3, 3767291.1, 102.9, 187.3, 0.0);
(396798.3, 3767291.1, 102.6, 188.3, 0.0); (396838.3, 3767291.1, 104.8, 188.3, 0.0);
(396878.3, 3767291.1, 115.3, 142.2, 0.0); (396918.3, 3767291.1, 120.6, 142.2, 0.0);
(396958.3, 3767291.1, 122.8, 142.2, 0.0); (396998.3, 3767291.1, 128.6, 140.2, 0.0);
(397038.3, 3767291.1, 134.4, 134.4, 0.0); (397078.3, 3767291.1, 132.8, 134.1, 0.0);
(397118.3, 3767291.1, 125.5, 142.2, 0.0); (397158.3, 3767291.1, 115.4, 188.9, 0.0);
(397278.3, 3767291.1, 120.7, 149.0, 0.0); (397318.3, 3767291.1, 124.3, 149.0, 0.0);
(397358.3, 3767291.1, 133.3, 149.0, 0.0); (397398.3, 3767291.1, 143.5, 147.8, 0.0);
(397438.3, 3767291.1, 143.7, 147.8, 0.0); (397478.3, 3767291.1, 139.6, 148.3, 0.0);
(397518.3, 3767291.1, 137.4, 148.5, 0.0); (397558.3, 3767291.1, 138.5, 145.4, 0.0);
(397598.3, 3767291.1, 136.8, 144.6, 0.0); (397638.3, 3767291.1, 127.3, 148.8, 0.0);
(397678.3, 3767291.1, 120.5, 149.3, 0.0); (397718.3, 3767291.1, 118.7, 150.4, 0.0);

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     ( 396558.3, 3767331.1,     134.0,     134.0,       0.0);         ( 396598.3,
3767331.1,     131.8,     131.8,       0.0);
     ( 396638.3, 3767331.1,     128.4,     129.7,       0.0);         ( 396678.3,
3767331.1,     120.2,     135.7,       0.0);
     ( 396718.3, 3767331.1,     114.9,     135.7,       0.0);         ( 396758.3,
3767331.1,     105.4,     187.6,       0.0);
     ( 396798.3, 3767331.1,     103.5,     188.9,       0.0);         ( 396838.3,
3767331.1,     105.5,     188.9,       0.0);
     ( 396878.3, 3767331.1,     116.4,     178.2,       0.0);         ( 396918.3,
3767331.1,     122.3,     142.2,       0.0);
     ( 396958.3, 3767331.1,     125.5,     142.2,       0.0);         ( 396998.3,
3767331.1,     127.4,     142.2,       0.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       0.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       0.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       0.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       0.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       0.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       0.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       0.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       0.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       0.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       0.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       0.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       0.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       0.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       0.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       0.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       0.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       0.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       0.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       0.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       0.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       0.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       0.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       0.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       0.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       0.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       0.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       0.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       0.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       0.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       0.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       0.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       0.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       0.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       0.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       0.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       0.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       0.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       0.0);
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(397358.3, 3767371.1, 138.9, 149.0, 0.0); (397398.3, 3767371.1, 148.1, 148.1, 0.0);
(397438.3, 3767371.1, 148.3, 148.3, 0.0); (397478.3, 3767371.1, 147.7, 147.7, 0.0);
(397518.3, 3767371.1, 146.8, 146.8, 0.0); (397558.3, 3767371.1, 145.8, 145.8, 0.0);
(397598.3, 3767371.1, 144.6, 144.6, 0.0); (397638.3, 3767371.1, 144.0, 144.0, 0.0);
(397678.3, 3767371.1, 139.7, 144.9, 0.0); (397718.3, 3767371.1, 129.0, 149.1, 0.0);
(396558.3, 3767411.1, 135.2, 135.2, 0.0); (396598.3, 3767411.1, 128.0, 135.7, 0.0);
(396638.3, 3767411.1, 121.1, 136.3, 0.0); (396678.3, 3767411.1, 115.7, 179.2, 0.0);
(396718.3, 3767411.1, 112.4, 186.6, 0.0); (396758.3, 3767411.1, 108.8, 188.3, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767411.1, 106.0, 188.9, 0.0); (396838.3, 3767411.1, 106.9, 188.9, 0.0);
(396878.3, 3767411.1, 113.9, 188.9, 0.0); (396918.3, 3767411.1, 119.2, 188.3, 0.0);
(396958.3, 3767411.1, 125.5, 186.6, 0.0); (396998.3, 3767411.1, 131.9, 142.2, 0.0);
(397038.3, 3767411.1, 138.6, 142.2, 0.0); (397078.3, 3767411.1, 141.9, 141.9, 0.0);
(397118.3, 3767411.1, 140.9, 141.2, 0.0); (397158.3, 3767411.1, 137.9, 139.4, 0.0);
(397198.3, 3767411.1, 134.3, 134.3, 0.0); (397238.3, 3767411.1, 131.6, 187.6, 0.0);
(397278.3, 3767411.1, 130.9, 187.6, 0.0); (397318.3, 3767411.1, 134.1, 149.0, 0.0);
(397358.3, 3767411.1, 137.6, 149.0, 0.0); (397398.3, 3767411.1, 146.7, 147.7, 0.0);
(397438.3, 3767411.1, 148.4, 148.4, 0.0); (397478.3, 3767411.1, 148.7, 148.7, 0.0);
(397518.3, 3767411.1, 148.2, 148.2, 0.0); (397558.3, 3767411.1, 147.1, 147.1, 0.0);
(397598.3, 3767411.1, 145.6, 145.6, 0.0); (397638.3, 3767411.1, 144.9, 144.9, 0.0);

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     ( 397678.3, 3767411.1,     144.9,     144.9,       0.0);         ( 397718.3,
3767411.1,     139.1,     145.3,       0.0);
     ( 396558.3, 3767451.1,     133.6,     133.6,       0.0);         ( 396598.3,
3767451.1,     127.7,     135.7,       0.0);
     ( 396638.3, 3767451.1,     120.9,     136.8,       0.0);         ( 396678.3,
3767451.1,     117.4,     179.2,       0.0);
     ( 396718.3, 3767451.1,     115.4,     186.6,       0.0);         ( 396758.3,
3767451.1,     110.2,     188.9,       0.0);
     ( 396798.3, 3767451.1,     106.8,     188.9,       0.0);         ( 396838.3,
3767451.1,     108.8,     188.9,       0.0);
     ( 396878.3, 3767451.1,     113.5,     188.9,       0.0);         ( 396918.3,
3767451.1,     118.9,     188.9,       0.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       0.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       0.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       0.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       0.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       0.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       0.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       0.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       0.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       0.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       0.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       0.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       0.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       0.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       0.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       0.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       0.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       0.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       0.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       0.0);         ( 397718.3,
3767451.1,     143.1,     143.1,       0.0);
     ( 396558.3, 3767491.1,     132.0,     132.0,       0.0);         ( 396598.3,
3767491.1,     127.6,     136.8,       0.0);
     ( 396638.3, 3767491.1,     126.6,     136.8,       0.0);         ( 396678.3,
3767491.1,     125.9,     136.8,       0.0);
     ( 396718.3, 3767491.1,     122.0,     179.2,       0.0);         ( 396758.3,
3767491.1,     112.0,     188.9,       0.0);
     ( 396798.3, 3767491.1,     107.5,     188.9,       0.0);         ( 396838.3,
3767491.1,     109.0,     188.9,       0.0);
     ( 396878.3, 3767491.1,     112.7,     188.9,       0.0);         ( 396918.3,
3767491.1,     118.4,     188.9,       0.0);
     ( 396958.3, 3767491.1,     123.7,     188.9,       0.0);         ( 396998.3,
3767491.1,     128.9,     188.9,       0.0);
     ( 397038.3, 3767491.1,     135.5,     187.0,       0.0);         ( 397078.3,
3767491.1,     139.6,     139.6,       0.0);
     ( 397118.3, 3767491.1,     141.3,     141.3,       0.0);         ( 397158.3,
3767491.1,     140.1,     140.1,       0.0);
     ( 397198.3, 3767491.1,     137.2,     187.6,       0.0);         ( 397238.3,
3767491.1,     134.8,     188.9,       0.0);
```

```
     ( 397278.3, 3767491.1,     133.2,     188.9,       0.0);         ( 397318.3,
3767491.1,     133.0,     188.9,       0.0);
     ( 397358.3, 3767491.1,     135.1,     188.9,       0.0);         ( 397398.3,
3767491.1,     141.3,     148.1,       0.0);
     ( 397438.3, 3767491.1,     145.7,     145.7,       0.0);         ( 397478.3,
3767491.1,     148.2,     148.2,       0.0);
     ( 397518.3, 3767491.1,     149.0,     149.0,       0.0);         ( 397558.3,
3767491.1,     148.5,     148.5,       0.0);
     ( 397598.3, 3767491.1,     146.5,     146.5,       0.0);         ( 397638.3,
3767491.1,     146.2,     146.2,       0.0);
     ( 397678.3, 3767491.1,     145.9,     145.9,       0.0);         ( 397718.3,
3767491.1,     144.1,     145.4,       0.0);
     ( 396558.3, 3767531.1,     133.5,     133.5,       0.0);         ( 396598.3,
3767531.1,     132.4,     136.8,       0.0);
     ( 396638.3, 3767531.1,     134.6,     136.3,       0.0);         ( 396678.3,
3767531.1,     133.6,     136.3,       0.0);
     ( 396718.3, 3767531.1,     125.4,     179.2,       0.0);         ( 396758.3,
3767531.1,     111.2,     188.9,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 396798.3, 3767531.1,     108.6,     188.9,       0.0);         ( 396838.3,
3767531.1,     112.0,     188.9,       0.0);
     ( 396878.3, 3767531.1,     113.6,     188.9,       0.0);         ( 396918.3,
3767531.1,     116.8,     188.9,       0.0);
     ( 396958.3, 3767531.1,     121.4,     188.9,       0.0);         ( 396998.3,
3767531.1,     126.2,     188.9,       0.0);
     ( 397038.3, 3767531.1,     133.5,     188.9,       0.0);         ( 397078.3,
3767531.1,     136.9,     188.9,       0.0);
     ( 397118.3, 3767531.1,     140.5,     187.6,       0.0);         ( 397158.3,
3767531.1,     140.7,     187.6,       0.0);
     ( 397198.3, 3767531.1,     138.5,     188.9,       0.0);         ( 397238.3,
3767531.1,     136.3,     188.9,       0.0);
     ( 397278.3, 3767531.1,     134.5,     188.9,       0.0);         ( 397318.3,
3767531.1,     133.7,     188.9,       0.0);
     ( 397358.3, 3767531.1,     134.0,     188.9,       0.0);         ( 397398.3,
3767531.1,     139.0,     188.9,       0.0);
     ( 397438.3, 3767531.1,     146.3,     146.3,       0.0);         ( 397478.3,
3767531.1,     148.9,     148.9,       0.0);
     ( 397518.3, 3767531.1,     149.4,     149.4,       0.0);         ( 397558.3,
3767531.1,     149.1,     149.1,       0.0);
```

```
     ( 397598.3, 3767531.1,     147.0,     147.0,       0.0);         ( 397638.3,
3767531.1,     147.3,     147.3,       0.0);
     ( 397678.3, 3767531.1,     147.5,     147.5,       0.0);         ( 397718.3,
3767531.1,     146.1,     147.0,       0.0);
     ( 397320.8, 3767219.1,     114.7,     149.3,       0.0);         ( 397330.8,
3767209.1,     114.5,     149.3,       0.0);
     ( 397340.8, 3767189.1,     113.5,     149.3,       0.0);         ( 397340.8,
3767199.1,     114.0,     149.3,       0.0);
     ( 397340.8, 3767209.1,     115.0,     149.3,       0.0);         ( 397350.8,
3767189.1,     113.7,     149.3,       0.0);
     ( 397350.8, 3767199.1,     114.3,     149.3,       0.0);         ( 397360.8,
3767189.1,     114.1,     149.3,       0.0);
     ( 397360.8, 3767199.1,     114.7,     149.3,       0.0);         ( 397370.8,
3767189.1,     114.4,     149.3,       0.0);
     ( 397380.8, 3767189.1,     114.9,     149.3,       0.0);         ( 396934.7,
3767169.5,     108.7,     142.2,       0.0);
     ( 397014.5, 3767229.6,     112.6,     142.2,       0.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       0.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       0.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       0.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       0.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       0.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       0.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       0.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       0.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       0.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       0.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       0.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       0.0);         ( 396920.4,
3767167.3,     108.8,     142.2,       0.0);
     ( 396990.0, 3767243.5,     119.6,     142.2,       0.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       0.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       0.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       0.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       0.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       0.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       0.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       0.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       0.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       0.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       0.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       0.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       0.0);

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54,   3.09,   5.14,   8.23,   10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_v9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5

```
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08        0.10475                      396598.26
3766771.08        0.12870
         396638.26    3766771.08        0.16274                      396678.26
3766771.08        0.19836
```

396718.26 3766771.08 0.23827 396758.26
3766771.08 0.26699
396798.26 3766771.08 0.28275 396838.26
3766771.08 0.29690
396878.26 3766771.08 0.29609 396918.26
3766771.08 0.27967
396958.26 3766771.08 0.24899 396998.26
3766771.08 0.20705
397038.26 3766771.08 0.16200 397078.26
3766771.08 0.12176
397118.26 3766771.08 0.09022 397158.26
3766771.08 0.06855
397198.26 3766771.08 0.05693 397238.26
3766771.08 0.05164
397278.26 3766771.08 0.05012 397318.26
3766771.08 0.05035
397358.26 3766771.08 0.05083 397398.26
3766771.08 0.05073
397438.26 3766771.08 0.04949 397478.26
3766771.08 0.04755
397518.26 3766771.08 0.04518 397558.26
3766771.08 0.04248
397598.26 3766771.08 0.03989 397638.26
3766771.08 0.03724
397678.26 3766771.08 0.03478 397718.26
3766771.08 0.03225
396558.26 3766811.08 0.10258 396598.26
3766811.08 0.12460
396638.26 3766811.08 0.15968 396678.26
3766811.08 0.20211
396718.26 3766811.08 0.24063 396758.26
3766811.08 0.27439
396798.26 3766811.08 0.31069 396838.26
3766811.08 0.33958
396878.26 3766811.08 0.35049 396918.26
3766811.08 0.34216
396958.26 3766811.08 0.31227 396998.26
3766811.08 0.26521
397038.26 3766811.08 0.20899 397078.26
3766811.08 0.15595
397118.26 3766811.08 0.11375 397158.26
3766811.08 0.08487
397198.26 3766811.08 0.06812 397238.26
3766811.08 0.06066
397278.26 3766811.08 0.05830 397318.26
3766811.08 0.05827
397358.26 3766811.08 0.05841 397398.26
3766811.08 0.05760
397438.26 3766811.08 0.05566 397478.26
3766811.08 0.05296

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         397518.26    3766811.08        0.04994                      397558.26
3766811.08        0.04673
         397598.26    3766811.08        0.04366                      397638.26
3766811.08        0.04071
         397678.26    3766811.08        0.03783                      397718.26
3766811.08        0.03500
         396558.26    3766851.08        0.09828                      396598.26
3766851.08        0.11943
         396638.26    3766851.08        0.14832                      396678.26
3766851.08        0.18925
         396718.26    3766851.08        0.23227                      396758.26
3766851.08        0.27896
         396798.26    3766851.08        0.32988                      396838.26
3766851.08        0.37461
         396878.26    3766851.08        0.40734                      396918.26
3766851.08        0.41133
         396958.26    3766851.08        0.38825                      396998.26
3766851.08        0.33768
         397038.26    3766851.08        0.27110                      397078.26
3766851.08        0.20365
         397118.26    3766851.08        0.14720                      397158.26
3766851.08        0.10678
         397198.26    3766851.08        0.08344                      397238.26
3766851.08        0.07362
         397278.26    3766851.08        0.07008                      397318.26
3766851.08        0.06811
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  21
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                       *** 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
397358.26	3766851.08	0.06727	397398.26	3766851.08	0.06551
397438.26	3766851.08	0.06272	397478.26	3766851.08	0.05920
397518.26	3766851.08	0.05536	397558.26	3766851.08	0.05164
397598.26	3766851.08	0.04793	397638.26	3766851.08	0.04443
397678.26	3766851.08	0.04101	397718.26	3766851.08	0.03774
396558.26	3766891.08	0.09178	396598.26	3766891.08	0.11299
396638.26	3766891.08	0.14038	396678.26	3766891.08	0.17702
396718.26	3766891.08	0.22410	396758.26	3766891.08	0.27704
396798.26	3766891.08	0.33842	396838.26	3766891.08	0.39983
396878.26	3766891.08	0.45621	396918.26	3766891.08	0.47899
396958.26	3766891.08	0.47383	396998.26	3766891.08	0.42834
397038.26	3766891.08	0.35354	397078.26	3766891.08	0.27544
397118.26	3766891.08	0.19694	397158.26	3766891.08	0.13649
397198.26	3766891.08	0.10489	397238.26	3766891.08	0.09039
397278.26	3766891.08	0.08519	397318.26	3766891.08	0.08285
397358.26	3766891.08	0.07926	397398.26	3766891.08	0.07493
397438.26	3766891.08	0.07068	397478.26	3766891.08	0.06617
397518.26	3766891.08	0.06159	397558.26	3766891.08	0.05702
397598.26	3766891.08	0.05264	397638.26	3766891.08	0.04844
397678.26	3766891.08	0.04436	397718.26	3766891.08	0.04059
396558.26	3766931.08	0.08552	396598.26	3766931.08	0.10377
396638.26	3766931.08	0.13063	396678.26	3766931.08	0.16345
396718.26	3766931.08	0.20679	396758.26	3766931.08	0.26420

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         396798.26    3766931.08        0.32996                      396838.26
3766931.08        0.40944
         396878.26    3766931.08        0.48553                      396918.26
3766931.08        0.54598
         396958.26    3766931.08        0.56816                      396998.26
3766931.08        0.54404
         397038.26    3766931.08        0.47644                      397078.26
3766931.08        0.37869
         397118.26    3766931.08        0.27743                      397158.26
3766931.08        0.19054
         397198.26    3766931.08        0.13868                      397238.26
3766931.08        0.11426
         397278.26    3766931.08        0.10426                      397318.26
3766931.08        0.10001
         397358.26    3766931.08        0.09752                      397398.26
3766931.08        0.08932
         397438.26    3766931.08        0.08101                      397478.26
3766931.08        0.07447
         397518.26    3766931.08        0.06902                      397558.26
3766931.08        0.06315
         397598.26    3766931.08        0.05770                      397638.26
3766931.08        0.05248
         397678.26    3766931.08        0.04768                      397718.26
3766931.08        0.04370
         396558.26    3766971.08        0.07887                      396598.26
3766971.08        0.09544
         396638.26    3766971.08        0.11789                      396678.26
3766971.08        0.14702
         396718.26    3766971.08        0.18728                      396758.26
3766971.08        0.23747
         396798.26    3766971.08        0.30816                      396838.26
3766971.08        0.39334
         396878.26    3766971.08        0.49633                      396918.26
3766971.08        0.59844
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  22
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
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EG22 , EG23 , EG24 ,

*** 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
396958.26	3766971.08	0.67105	396998.26	3766971.08	0.69191
397038.26	3766971.08	0.64241	397078.26	3766971.08	0.55102
397118.26	3766971.08	0.46749	397158.26	3766971.08	0.34636
397198.26	3766971.08	0.21466	397238.26	3766971.08	0.15312
397278.26	3766971.08	0.13116	397318.26	3766971.08	0.12356
397358.26	3766971.08	0.11488	397398.26	3766971.08	0.10680
397438.26	3766971.08	0.09532	397478.26	3766971.08	0.08517
397518.26	3766971.08	0.07714	397558.26	3766971.08	0.06964
397598.26	3766971.08	0.06278	397638.26	3766971.08	0.05648
397678.26	3766971.08	0.05082	397718.26	3766971.08	0.04652
396558.26	3767011.08	0.07234	396598.26	3767011.08	0.08646
396638.26	3767011.08	0.10622	396678.26	3767011.08	0.13164
396718.26	3767011.08	0.16436	396758.26	3767011.08	0.21035
396798.26	3767011.08	0.27128	396838.26	3767011.08	0.36015
396878.26	3767011.08	0.47732	396918.26	3767011.08	0.62384
396958.26	3767011.08	0.75828	396998.26	3767011.08	0.85537
397038.26	3767011.08	0.92400	397078.26	3767011.08	0.97467
397118.26	3767011.08	0.78892	397158.26	3767011.08	0.52309
397198.26	3767011.08	0.32935	397238.26	3767011.08	0.22591

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         397278.26    3767011.08        0.17833                      397318.26
3767011.08        0.15369
         397358.26    3767011.08        0.13548                      397398.26
3767011.08        0.12039
         397438.26    3767011.08        0.11092                      397478.26
3767011.08        0.09650
         397518.26    3767011.08        0.08558                      397558.26
3767011.08        0.07621
         397598.26    3767011.08        0.06795                      397638.26
3767011.08        0.06063
         397678.26    3767011.08        0.05391                      397718.26
3767011.08        0.04934
         396558.26    3767051.08        0.06748                      396598.26
3767051.08        0.07974
         396638.26    3767051.08        0.09523                      396678.26
3767051.08        0.11666
         396718.26    3767051.08        0.14489                      396758.26
3767051.08        0.18193
         396798.26    3767051.08        0.23280                      396838.26
3767051.08        0.30924
         396878.26    3767051.08        0.42849                      396918.26
3767051.08        0.60743
         396958.26    3767051.08        0.81654                      396998.26
3767051.08        1.16091
         397038.26    3767051.08        1.44359                      397078.26
3767051.08        1.19103
         397118.26    3767051.08        0.96321                      397158.26
3767051.08        0.66684
         397198.26    3767051.08        0.43009                      397238.26
3767051.08        0.29070
         397278.26    3767051.08        0.24025                      397318.26
3767051.08        0.20767
         397358.26    3767051.08        0.16409                      397398.26
3767051.08        0.13928
         397438.26    3767051.08        0.12299                      397478.26
3767051.08        0.10999
         397518.26    3767051.08        0.09595                      397558.26
3767051.08        0.08454
         397598.26    3767051.08        0.07363                      397638.26
3767051.08        0.06465
         397678.26    3767051.08        0.05735                      397718.26
3767051.08        0.05231
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
396558.26	3767091.08	0.06369	396598.26	3767091.08	0.07460
396638.26	3767091.08	0.08708	396678.26	3767091.08	0.10387
396718.26	3767091.08	0.12694	396758.26	3767091.08	0.15690
396798.26	3767091.08	0.19860	396838.26	3767091.08	0.25891
396878.26	3767091.08	0.35512	396918.26	3767091.08	0.51869
396958.26	3767091.08	0.87320	396998.26	3767091.08	1.69684
397078.26	3767091.08	1.52585	397118.26	3767091.08	1.40651
397158.26	3767091.08	1.07040	397198.26	3767091.08	0.68186
397238.26	3767091.08	0.43002	397278.26	3767091.08	0.32829
397318.26	3767091.08	0.29484	397358.26	3767091.08	0.20211
397398.26	3767091.08	0.16251	397438.26	3767091.08	0.13792
397478.26	3767091.08	0.11789	397518.26	3767091.08	0.10270
397558.26	3767091.08	0.08952	397598.26	3767091.08	0.07955
397638.26	3767091.08	0.07006	397678.26	3767091.08	0.06132
397718.26	3767091.08	0.05502	396558.26	3767131.08	0.06148

396598.26 3767131.08 0.07095 396638.26
3767131.08 0.08210
396678.26 3767131.08 0.09457 396718.26
3767131.08 0.11266
396758.26 3767131.08 0.13743 396798.26
3767131.08 0.17057
396838.26 3767131.08 0.21712 396878.26
3767131.08 0.28876
396918.26 3767131.08 0.40066 396958.26
3767131.08 0.73527
397238.26 3767131.08 0.85959 397278.26
3767131.08 0.53039
397318.26 3767131.08 0.40772 397358.26
3767131.08 0.27043
397398.26 3767131.08 0.18798 397438.26
3767131.08 0.15562
397478.26 3767131.08 0.13004 397518.26
3767131.08 0.11161
397558.26 3767131.08 0.09691 397598.26
3767131.08 0.08480
397638.26 3767131.08 0.07610 397678.26
3767131.08 0.06651
397718.26 3767131.08 0.05882 396558.26
3767171.08 0.06075
396598.26 3767171.08 0.06883 396638.26
3767171.08 0.07885
396678.26 3767171.08 0.08919 396718.26
3767171.08 0.10263
396758.26 3767171.08 0.12209 396798.26
3767171.08 0.14962
396838.26 3767171.08 0.18758 396878.26
3767171.08 0.24406
396918.26 3767171.08 0.32755 397438.26
3767171.08 0.18379
397478.26 3767171.08 0.15282 397518.26
3767171.08 0.12944
397558.26 3767171.08 0.11135 397598.26
3767171.08 0.09653
397638.26 3767171.08 0.08399 397678.26
3767171.08 0.07313
397718.26 3767171.08 0.06423 396558.26
3767211.08 0.06015
396598.26 3767211.08 0.06805 396638.26
3767211.08 0.07702
396678.26 3767211.08 0.08786 396718.26
3767211.08 0.09746
396758.26 3767211.08 0.11240 396798.26
3767211.08 0.13414
396838.26 3767211.08 0.16646 396878.26
3767211.08 0.20996

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
396918.26	3767211.08	0.27646	396958.26	3767211.08	0.35584
397438.26	3767211.08	0.23547	397478.26	3767211.08	0.18851
397518.26	3767211.08	0.15721	397558.26	3767211.08	0.13300
397598.26	3767211.08	0.11370	397638.26	3767211.08	0.09722
397678.26	3767211.08	0.08330	397718.26	3767211.08	0.07203
396558.26	3767251.08	0.06079	396598.26	3767251.08	0.06807
396638.26	3767251.08	0.07697	396678.26	3767251.08	0.08762
396718.26	3767251.08	0.09685	396758.26	3767251.08	0.10717
396798.26	3767251.08	0.12509	396838.26	3767251.08	0.15067
396878.26	3767251.08	0.19080	396918.26	3767251.08	0.23810
396958.26	3767251.08	0.29130	396998.26	3767251.08	0.38866

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         397038.26    3767251.08        0.51879                    397078.26
3767251.08        0.91162
         397118.26    3767251.08        2.36614                    397318.26
3767251.08        1.00256
         397358.26    3767251.08        0.63907                    397398.26
3767251.08        0.44693
         397438.26    3767251.08        0.33421                    397478.26
3767251.08        0.25534
         397518.26    3767251.08        0.20373                    397558.26
3767251.08        0.16578
         397598.26    3767251.08        0.13778                    397638.26
3767251.08        0.11610
         397678.26    3767251.08        0.09801                    397718.26
3767251.08        0.08322
         396558.26    3767291.08        0.05820                    396598.26
3767291.08        0.06590
         396638.26    3767291.08        0.07484                    396678.26
3767291.08        0.08589
         396718.26    3767291.08        0.09856                    396758.26
3767291.08        0.10356
         396798.26    3767291.08        0.11856                    396838.26
3767291.08        0.14057
         396878.26    3767291.08        0.17900                    396918.26
3767291.08        0.21017
         396958.26    3767291.08        0.25540                    396998.26
3767291.08        0.34655
         397038.26    3767291.08        0.64876                    397078.26
3767291.08        1.02158
         397118.26    3767291.08        1.18736                    397158.26
3767291.08        2.22438
         397278.26    3767291.08        1.54347                    397318.26
3767291.08        1.34781
         397358.26    3767291.08        0.84430                    397398.26
3767291.08        0.63479
         397438.26    3767291.08        0.46501                    397478.26
3767291.08        0.34721
         397518.26    3767291.08        0.26946                    397558.26
3767291.08        0.21624
         397598.26    3767291.08        0.17524                    397638.26
3767291.08        0.14203
         397678.26    3767291.08        0.11767                    397718.26
3767291.08        0.09859
         396558.26    3767331.08        0.05724                    396598.26
3767331.08        0.06407
         396638.26    3767331.08        0.07205                    396678.26
3767331.08        0.08224
         396718.26    3767331.08        0.09495                    396758.26
3767331.08        0.10197
         396798.26    3767331.08        0.11417                    396838.26
3767331.08        0.13378
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         396878.26    3767331.08        0.16538                      396918.26
3767331.08        0.19105
         396958.26    3767331.08        0.23075                      396998.26
3767331.08        0.30397
         397038.26    3767331.08        0.50881                      397078.26
3767331.08        0.92783
         397118.26    3767331.08        1.29166                      397158.26
3767331.08        1.67397
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        1.80694                      397238.26
3767331.08        1.83924
         397278.26    3767331.08        1.65535                      397318.26
3767331.08        1.22597
         397358.26    3767331.08        0.97694                      397398.26
3767331.08        0.77817
         397438.26    3767331.08        0.58220                      397478.26
3767331.08        0.44121
         397518.26    3767331.08        0.34411                      397558.26
3767331.08        0.27411
         397598.26    3767331.08        0.21949                      397638.26
3767331.08        0.17638
         397678.26    3767331.08        0.14261                      397718.26
3767331.08        0.11717
```

396558.26 3767371.08 0.05584 396598.26 3767371.08 0.06197
396638.26 3767371.08 0.06967 396678.26 3767371.08 0.07932
396718.26 3767371.08 0.09161 396758.26 3767371.08 0.09906
396798.26 3767371.08 0.10960 396838.26 3767371.08 0.12577
396878.26 3767371.08 0.15458 396918.26 3767371.08 0.17595
396958.26 3767371.08 0.20978 396998.26 3767371.08 0.27232
397038.26 3767371.08 0.40839 397078.26 3767371.08 0.65981
397118.26 3767371.08 0.92377 397158.26 3767371.08 1.20577
397198.26 3767371.08 1.32576 397238.26 3767371.08 1.33223
397278.26 3767371.08 1.25007 397318.26 3767371.08 1.12235
397358.26 3767371.08 0.96180 397398.26 3767371.08 0.81764
397438.26 3767371.08 0.64495 397478.26 3767371.08 0.50801
397518.26 3767371.08 0.40417 397558.26 3767371.08 0.32404
397598.26 3767371.08 0.26156 397638.26 3767371.08 0.21212
397678.26 3767371.08 0.17102 397718.26 3767371.08 0.13816
396558.26 3767411.08 0.05424 396598.26 3767411.08 0.05994
396638.26 3767411.08 0.06743 396678.26 3767411.08 0.07675
396718.26 3767411.08 0.08754 396758.26 3767411.08 0.09560
396798.26 3767411.08 0.10509 396838.26 3767411.08 0.11952
396878.26 3767411.08 0.14285 396918.26 3767411.08 0.16087
396958.26 3767411.08 0.18842 396998.26 3767411.08 0.24373
397038.26 3767411.08 0.35571 397078.26 3767411.08 0.52302
397118.26 3767411.08 0.70219 397158.26 3767411.08 0.86007
397198.26 3767411.08 0.97045 397238.26 3767411.08 1.02885
397278.26 3767411.08 1.02473 397318.26 3767411.08 0.96880

```
         397358.26    3767411.08        0.86801                      397398.26
3767411.08        0.77815
         397438.26    3767411.08        0.65526                      397478.26
3767411.08        0.54145
         397518.26    3767411.08        0.44357                      397558.26
3767411.08        0.36265
         397598.26    3767411.08        0.29546                      397638.26
3767411.08        0.24179
         397678.26    3767411.08        0.19868                      397718.26
3767411.08        0.16018
         396558.26    3767451.08        0.05249                      396598.26
3767451.08        0.05797
         396638.26    3767451.08        0.06505                      396678.26
3767451.08        0.07331
         396718.26    3767451.08        0.08254                      396758.26
3767451.08        0.09159
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                   PAGE  26
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                        *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08        0.09913                      396838.26
3767451.08        0.11314
         396878.26    3767451.08        0.13122                      396918.26
3767451.08        0.14659
         396958.26    3767451.08        0.16972                      396998.26
3767451.08        0.21278
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         397038.26    3767451.08        0.29352                    397078.26
3767451.08        0.41555
         397118.26    3767451.08        0.55520                    397158.26
3767451.08        0.67405
         397198.26    3767451.08        0.76566                    397238.26
3767451.08        0.82369
         397278.26    3767451.08        0.83871                    397318.26
3767451.08        0.81436
         397358.26    3767451.08        0.76441                    397398.26
3767451.08        0.70828
         397438.26    3767451.08        0.62572                    397478.26
3767451.08        0.54045
         397518.26    3767451.08        0.45894                    397558.26
3767451.08        0.38410
         397598.26    3767451.08        0.31803                    397638.26
3767451.08        0.26336
         397678.26    3767451.08        0.21860                    397718.26
3767451.08        0.17989
         396558.26    3767491.08        0.05076                    396598.26
3767491.08        0.05601
         396638.26    3767491.08        0.06233                    396678.26
3767491.08        0.06935
         396718.26    3767491.08        0.07711                    396758.26
3767491.08        0.08724
         396798.26    3767491.08        0.09286                    396838.26
3767491.08        0.10492
         396878.26    3767491.08        0.12059                    396918.26
3767491.08        0.13323
         396958.26    3767491.08        0.15312                    396998.26
3767491.08        0.18758
         397038.26    3767491.08        0.24891                    397078.26
3767491.08        0.34047
         397118.26    3767491.08        0.44552                    397158.26
3767491.08        0.54243
         397198.26    3767491.08        0.61975                    397238.26
3767491.08        0.67091
         397278.26    3767491.08        0.69578                    397318.26
3767491.08        0.68949
         397358.26    3767491.08        0.66108                    397398.26
3767491.08        0.62604
         397438.26    3767491.08        0.57780                    397478.26
3767491.08        0.51687
         397518.26    3767491.08        0.45236                    397558.26
3767491.08        0.38772
         397598.26    3767491.08        0.32746                    397638.26
3767491.08        0.27662
         397678.26    3767491.08        0.23182                    397718.26
3767491.08        0.19341
         396558.26    3767531.08        0.04928                    396598.26
3767531.08        0.05441
```

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         396638.26    3767531.08        0.06062                      396678.26
3767531.08        0.06693
         396718.26    3767531.08        0.07273                      396758.26
3767531.08        0.08124
         396798.26    3767531.08        0.08729                      396838.26
3767531.08        0.09919
         396878.26    3767531.08        0.10991                      396918.26
3767531.08        0.12188
         396958.26    3767531.08        0.13938                      396998.26
3767531.08        0.16821
         397038.26    3767531.08        0.21852                      397078.26
3767531.08        0.28747
         397118.26    3767531.08        0.37363                      397158.26
3767531.08        0.45513
         397198.26    3767531.08        0.51833                      397238.26
3767531.08        0.56469
         397278.26    3767531.08        0.58728                      397318.26
3767531.08        0.59083
         397358.26    3767531.08        0.57515                      397398.26
3767531.08        0.55100
         397438.26    3767531.08        0.52588                      397478.26
3767531.08        0.48392
         397518.26    3767531.08        0.43096                      397558.26
3767531.08        0.37800
```

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                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        ,

                                             *** 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
```

- -

397598.26	3767531.08	0.32556	397638.26	3767531.08	0.28004
397678.26	3767531.08	0.23948	397718.26	3767531.08	0.20266
397320.82	3767219.11	1.02484	397330.82	3767209.11	0.92744
397340.82	3767189.11	0.71107	397340.82	3767199.11	0.78817
397340.82	3767209.11	0.83971	397350.82	3767189.11	0.62235
397350.82	3767199.11	0.67909	397360.82	3767189.11	0.48323
397360.82	3767199.11	0.52577	397370.82	3767189.11	0.36911
397380.82	3767189.11	0.30425	396934.73	3767169.52	0.37109
397014.53	3767229.60	0.54761	397044.10	3767223.97	0.91979
397113.57	3767239.93	2.45694	397158.63	3767280.29	2.59870
397168.95	3767307.05	1.61935	397244.05	3767296.72	1.77184
397260.95	3767278.88	1.67598	397409.74	3767205.66	0.27338
397422.89	3767189.23	0.22075	397426.64	3767180.78	0.20531
397420.54	3767170.46	0.20095	397318.68	3767160.13	0.54939
397022.98	3767083.62	1.61120	396920.42	3767167.32	0.33827
396989.95	3767243.54	0.38099	397044.10	3767223.97	0.91979
397113.57	3767239.93	2.45694	397158.63	3767280.29	2.59870
397168.95	3767307.05	1.61935	397244.05	3767296.72	1.77184
397260.95	3767278.88	1.67598	397409.74	3767205.66	0.27338
397422.89	3767189.23	0.22075	397426.64	3767180.78	0.20531
397420.54	3767170.46	0.20095	397318.68	3767160.13	0.54939
397022.98	3767083.62	1.61120			

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
396558.26	3766771.08	0.10475	396598.26	3766771.08	0.12870
396638.26	3766771.08	0.16274	396678.26	3766771.08	0.19836
396718.26	3766771.08	0.23827	396758.26	3766771.08	0.26699
396798.26	3766771.08	0.28275	396838.26	3766771.08	0.29690
396878.26	3766771.08	0.29609	396918.26	3766771.08	0.27967
396958.26	3766771.08	0.24899	396998.26	3766771.08	0.20705
397038.26	3766771.08	0.16200	397078.26	3766771.08	0.12176
397118.26	3766771.08	0.09022	397158.26	3766771.08	0.06855
397198.26	3766771.08	0.05693	397238.26	3766771.08	0.05164
397278.26	3766771.08	0.05012	397318.26	3766771.08	0.05035
397358.26	3766771.08	0.05083	397398.26	3766771.08	0.05073
397438.26	3766771.08	0.04949	397478.26	3766771.08	0.04755
397518.26	3766771.08	0.04518	397558.26	3766771.08	0.04248

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         397598.26    3766771.08        0.03989                    397638.26
3766771.08        0.03724
         397678.26    3766771.08        0.03478                    397718.26
3766771.08        0.03225
         396558.26    3766811.08        0.10258                    396598.26
3766811.08        0.12460
         396638.26    3766811.08        0.15968                    396678.26
3766811.08        0.20211
         396718.26    3766811.08        0.24063                    396758.26
3766811.08        0.27439
         396798.26    3766811.08        0.31069                    396838.26
3766811.08        0.33958
         396878.26    3766811.08        0.35049                    396918.26
3766811.08        0.34216
         396958.26    3766811.08        0.31227                    396998.26
3766811.08        0.26521
         397038.26    3766811.08        0.20899                    397078.26
3766811.08        0.15595
         397118.26    3766811.08        0.11375                    397158.26
3766811.08        0.08487
         397198.26    3766811.08        0.06812                    397238.26
3766811.08        0.06066
         397278.26    3766811.08        0.05830                    397318.26
3766811.08        0.05827
         397358.26    3766811.08        0.05841                    397398.26
3766811.08        0.05760
         397438.26    3766811.08        0.05566                    397478.26
3766811.08        0.05296
         397518.26    3766811.08        0.04994                    397558.26
3766811.08        0.04673
         397598.26    3766811.08        0.04366                    397638.26
3766811.08        0.04071
         397678.26    3766811.08        0.03783                    397718.26
3766811.08        0.03500
         396558.26    3766851.08        0.09828                    396598.26
3766851.08        0.11943
         396638.26    3766851.08        0.14832                    396678.26
3766851.08        0.18925
         396718.26    3766851.08        0.23227                    396758.26
3766851.08        0.27896
         396798.26    3766851.08        0.32988                    396838.26
3766851.08        0.37461
         396878.26    3766851.08        0.40734                    396918.26
3766851.08        0.41133
         396958.26    3766851.08        0.38825                    396998.26
3766851.08        0.33768
         397038.26    3766851.08        0.27110                    397078.26
3766851.08        0.20365
         397118.26    3766851.08        0.14720                    397158.26
3766851.08        0.10678
```

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                             *** 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
 -
- -
         397358.26   3766851.08   0.06727   397398.26
3766851.08   0.06551
         397438.26   3766851.08   0.06272   397478.26
3766851.08   0.05920
         397518.26   3766851.08   0.05536   397558.26
3766851.08   0.05164
         397598.26   3766851.08   0.04793   397638.26
3766851.08   0.04443
         397678.26   3766851.08   0.04101   397718.26
3766851.08   0.03774
         396558.26   3766891.08   0.09178   396598.26
3766891.08   0.11299
         396638.26   3766891.08   0.14038   396678.26
3766891.08   0.17702
         396718.26   3766891.08   0.22410   396758.26
3766891.08   0.27704
         396798.26   3766891.08   0.33842   396838.26
3766891.08   0.39983

396878.26 3766891.08 0.45621 396918.26
3766891.08 0.47899
396958.26 3766891.08 0.47383 396998.26
3766891.08 0.42834
397038.26 3766891.08 0.35354 397078.26
3766891.08 0.27544
397118.26 3766891.08 0.19694 397158.26
3766891.08 0.13649
397198.26 3766891.08 0.10489 397238.26
3766891.08 0.09039
397278.26 3766891.08 0.08519 397318.26
3766891.08 0.08285
397358.26 3766891.08 0.07926 397398.26
3766891.08 0.07493
397438.26 3766891.08 0.07068 397478.26
3766891.08 0.06617
397518.26 3766891.08 0.06159 397558.26
3766891.08 0.05702
397598.26 3766891.08 0.05264 397638.26
3766891.08 0.04844
397678.26 3766891.08 0.04436 397718.26
3766891.08 0.04059
396558.26 3766931.08 0.08552 396598.26
3766931.08 0.10377
396638.26 3766931.08 0.13063 396678.26
3766931.08 0.16345
396718.26 3766931.08 0.20679 396758.26
3766931.08 0.26420
396798.26 3766931.08 0.32996 396838.26
3766931.08 0.40944
396878.26 3766931.08 0.48553 396918.26
3766931.08 0.54598
396958.26 3766931.08 0.56816 396998.26
3766931.08 0.54404
397038.26 3766931.08 0.47644 397078.26
3766931.08 0.37869
397118.26 3766931.08 0.27743 397158.26
3766931.08 0.19054
397198.26 3766931.08 0.13868 397238.26
3766931.08 0.11426
397278.26 3766931.08 0.10426 397318.26
3766931.08 0.10001
397358.26 3766931.08 0.09752 397398.26
3766931.08 0.08932
397438.26 3766931.08 0.08101 397478.26
3766931.08 0.07447
397518.26 3766931.08 0.06902 397558.26
3766931.08 0.06315
397598.26 3766931.08 0.05770 397638.26
3766931.08 0.05248

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
396678.26	3766931.08	0.04768	396718.26	3766931.08	0.04370
396558.26	3766971.08	0.07887	396598.26	3766971.08	0.09544
396638.26	3766971.08	0.11789	396678.26	3766971.08	0.14702
396718.26	3766971.08	0.18728	396758.26	3766971.08	0.23747
396798.26	3766971.08	0.30816	396838.26	3766971.08	0.39334
396878.26	3766971.08	0.49633	396918.26	3766971.08	0.59844
396958.26	3766971.08	0.67105	396998.26	3766971.08	0.69191
397038.26	3766971.08	0.64241	397078.26	3766971.08	0.55102
397118.26	3766971.08	0.46749	397158.26	3766971.08	0.34636
397198.26	3766971.08	0.21466	397238.26	3766971.08	0.15312
397278.26	3766971.08	0.13116	397318.26	3766971.08	0.12356

397358.26 3766971.08 0.11488 397398.26 3766971.08 0.10680
397438.26 3766971.08 0.09532 397478.26 3766971.08 0.08517
397518.26 3766971.08 0.07714 397558.26 3766971.08 0.06964
397598.26 3766971.08 0.06278 397638.26 3766971.08 0.05648
397678.26 3766971.08 0.05082 397718.26 3766971.08 0.04652
396558.26 3767011.08 0.07234 396598.26 3767011.08 0.08646
396638.26 3767011.08 0.10622 396678.26 3767011.08 0.13164
396718.26 3767011.08 0.16436 396758.26 3767011.08 0.21035
396798.26 3767011.08 0.27128 396838.26 3767011.08 0.36015
396878.26 3767011.08 0.47732 396918.26 3767011.08 0.62384
396958.26 3767011.08 0.75828 396998.26 3767011.08 0.85537
397038.26 3767011.08 0.92400 397078.26 3767011.08 0.97467
397118.26 3767011.08 0.78892 397158.26 3767011.08 0.52309
397198.26 3767011.08 0.32935 397238.26 3767011.08 0.22591
397278.26 3767011.08 0.17833 397318.26 3767011.08 0.15369
397358.26 3767011.08 0.13548 397398.26 3767011.08 0.12039
397438.26 3767011.08 0.11092 397478.26 3767011.08 0.09650
397518.26 3767011.08 0.08558 397558.26 3767011.08 0.07621
397598.26 3767011.08 0.06795 397638.26 3767011.08 0.06063
397678.26 3767011.08 0.05391 397718.26 3767011.08 0.04934
396558.26 3767051.08 0.06748 396598.26 3767051.08 0.07974
396638.26 3767051.08 0.09523 396678.26 3767051.08 0.11666
396718.26 3767051.08 0.14489 396758.26 3767051.08 0.18193
396798.26 3767051.08 0.23280 396838.26 3767051.08 0.30924
396878.26 3767051.08 0.42849 396918.26 3767051.08 0.60743

```
         396958.26    3767051.08        0.81654                      396998.26
3767051.08        1.16091
         397038.26    3767051.08        1.44359                      397078.26
3767051.08        1.19103
         397118.26    3767051.08        0.96321                      397158.26
3767051.08        0.66684
         397198.26    3767051.08        0.43009                      397238.26
3767051.08        0.29070
         397278.26    3767051.08        0.24025                      397318.26
3767051.08        0.20767
         397358.26    3767051.08        0.16409                      397398.26
3767051.08        0.13928
         397438.26    3767051.08        0.12299                      397478.26
3767051.08        0.10999
         397518.26    3767051.08        0.09595                      397558.26
3767051.08        0.08454
         397598.26    3767051.08        0.07363                      397638.26
3767051.08        0.06465
         397678.26    3767051.08        0.05735                      397718.26
3767051.08        0.05231
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                   PAGE  31
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.06369                      396598.26
3767091.08        0.07460
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396638.26 3767091.08 0.08708 396678.26
3767091.08 0.10387
396718.26 3767091.08 0.12694 396758.26
3767091.08 0.15690
396798.26 3767091.08 0.19860 396838.26
3767091.08 0.25891
396878.26 3767091.08 0.35512 396918.26
3767091.08 0.51869
396958.26 3767091.08 0.87320 396998.26
3767091.08 1.69684
397078.26 3767091.08 1.52585 397118.26
3767091.08 1.40651
397158.26 3767091.08 1.07040 397198.26
3767091.08 0.68186
397238.26 3767091.08 0.43002 397278.26
3767091.08 0.32829
397318.26 3767091.08 0.29484 397358.26
3767091.08 0.20211
397398.26 3767091.08 0.16251 397438.26
3767091.08 0.13792
397478.26 3767091.08 0.11789 397518.26
3767091.08 0.10270
397558.26 3767091.08 0.08952 397598.26
3767091.08 0.07955
397638.26 3767091.08 0.07006 397678.26
3767091.08 0.06132
397718.26 3767091.08 0.05502 396558.26
3767131.08 0.06148
396598.26 3767131.08 0.07095 396638.26
3767131.08 0.08210
396678.26 3767131.08 0.09457 396718.26
3767131.08 0.11266
396758.26 3767131.08 0.13743 396798.26
3767131.08 0.17057
396838.26 3767131.08 0.21712 396878.26
3767131.08 0.28876
396918.26 3767131.08 0.40066 396958.26
3767131.08 0.73527
397238.26 3767131.08 0.85959 397278.26
3767131.08 0.53039
397318.26 3767131.08 0.40772 397358.26
3767131.08 0.27043
397398.26 3767131.08 0.18798 397438.26
3767131.08 0.15562
397478.26 3767131.08 0.13004 397518.26
3767131.08 0.11161
397558.26 3767131.08 0.09691 397598.26
3767131.08 0.08480
397638.26 3767131.08 0.07610 397678.26
3767131.08 0.06651

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         397718.26    3767131.08        0.05882                      396558.26
3767171.08        0.06075
         396598.26    3767171.08        0.06883                      396638.26
3767171.08        0.07885
         396678.26    3767171.08        0.08919                      396718.26
3767171.08        0.10263
         396758.26    3767171.08        0.12209                      396798.26
3767171.08        0.14962
         396838.26    3767171.08        0.18758                      396878.26
3767171.08        0.24406
         396918.26    3767171.08        0.32755                      397438.26
3767171.08        0.18379
         397478.26    3767171.08        0.15282                      397518.26
3767171.08        0.12944
         397558.26    3767171.08        0.11135                      397598.26
3767171.08        0.09653
         397638.26    3767171.08        0.08399                      397678.26
3767171.08        0.07313
         397718.26    3767171.08        0.06423                      396558.26
3767211.08        0.06015
         396598.26    3767211.08        0.06805                      396638.26
3767211.08        0.07702
         396678.26    3767211.08        0.08786                      396718.26
3767211.08        0.09746
         396758.26    3767211.08        0.11240                      396798.26
3767211.08        0.13414
         396838.26    3767211.08        0.16646                      396878.26
3767211.08        0.20996
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  32
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                             *** 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
396918.26	3767211.08	0.27646	396958.26	3767211.08	0.35584
397438.26	3767211.08	0.23547	397478.26	3767211.08	0.18851
397518.26	3767211.08	0.15721	397558.26	3767211.08	0.13300
397598.26	3767211.08	0.11370	397638.26	3767211.08	0.09722
397678.26	3767211.08	0.08330	397718.26	3767211.08	0.07203
396558.26	3767251.08	0.06079	396598.26	3767251.08	0.06807
396638.26	3767251.08	0.07697	396678.26	3767251.08	0.08762
396718.26	3767251.08	0.09685	396758.26	3767251.08	0.10717
396798.26	3767251.08	0.12509	396838.26	3767251.08	0.15067
396878.26	3767251.08	0.19080	396918.26	3767251.08	0.23810
396958.26	3767251.08	0.29130	396998.26	3767251.08	0.38866
397038.26	3767251.08	0.51879	397078.26	3767251.08	0.91162
397118.26	3767251.08	2.36614	397318.26	3767251.08	1.00256
397358.26	3767251.08	0.63907	397398.26	3767251.08	0.44693
397438.26	3767251.08	0.33421	397478.26	3767251.08	0.25534
397518.26	3767251.08	0.20373	397558.26	3767251.08	0.16578
397598.26	3767251.08	0.13778	397638.26	3767251.08	0.11610
397678.26	3767251.08	0.09801	397718.26	3767251.08	0.08322
396558.26	3767291.08	0.05820	396598.26	3767291.08	0.06590
396638.26	3767291.08	0.07484	396678.26	3767291.08	0.08589
396718.26	3767291.08	0.09856	396758.26	3767291.08	0.10356
396798.26	3767291.08	0.11856	396838.26	3767291.08	0.14057

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         396878.26    3767291.08        0.17900                      396918.26
3767291.08        0.21017
         396958.26    3767291.08        0.25540                      396998.26
3767291.08        0.34655
         397038.26    3767291.08        0.64876                      397078.26
3767291.08        1.02158
         397118.26    3767291.08        1.18736                      397158.26
3767291.08        2.22438
         397278.26    3767291.08        1.54347                      397318.26
3767291.08        1.34781
         397358.26    3767291.08        0.84430                      397398.26
3767291.08        0.63479
         397438.26    3767291.08        0.46501                      397478.26
3767291.08        0.34721
         397518.26    3767291.08        0.26946                      397558.26
3767291.08        0.21624
         397598.26    3767291.08        0.17524                      397638.26
3767291.08        0.14203
         397678.26    3767291.08        0.11767                      397718.26
3767291.08        0.09859
         396558.26    3767331.08        0.05724                      396598.26
3767331.08        0.06407
         396638.26    3767331.08        0.07205                      396678.26
3767331.08        0.08224
         396718.26    3767331.08        0.09495                      396758.26
3767331.08        0.10197
         396798.26    3767331.08        0.11417                      396838.26
3767331.08        0.13378
         396878.26    3767331.08        0.16538                      396918.26
3767331.08        0.19105
         396958.26    3767331.08        0.23075                      396998.26
3767331.08        0.30397
         397038.26    3767331.08        0.50881                      397078.26
3767331.08        0.92783
         397118.26    3767331.08        1.29166                      397158.26
3767331.08        1.67397
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  33
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        1.80694                       397238.26
3767331.08        1.83924
         397278.26    3767331.08        1.65535                       397318.26
3767331.08        1.22597
         397358.26    3767331.08        0.97694                       397398.26
3767331.08        0.77817
         397438.26    3767331.08        0.58220                       397478.26
3767331.08        0.44121
         397518.26    3767331.08        0.34411                       397558.26
3767331.08        0.27411
         397598.26    3767331.08        0.21949                       397638.26
3767331.08        0.17638
         397678.26    3767331.08        0.14261                       397718.26
3767331.08        0.11717
         396558.26    3767371.08        0.05584                       396598.26
3767371.08        0.06197
         396638.26    3767371.08        0.06967                       396678.26
3767371.08        0.07932
         396718.26    3767371.08        0.09161                       396758.26
3767371.08        0.09906
         396798.26    3767371.08        0.10960                       396838.26
3767371.08        0.12577
         396878.26    3767371.08        0.15458                       396918.26
3767371.08        0.17595
         396958.26    3767371.08        0.20978                       396998.26
3767371.08        0.27232
         397038.26    3767371.08        0.40839                       397078.26
3767371.08        0.65981
         397118.26    3767371.08        0.92377                       397158.26
3767371.08        1.20577
         397198.26    3767371.08        1.32576                       397238.26
3767371.08        1.33223
         397278.26    3767371.08        1.25007                       397318.26
3767371.08        1.12235
         397358.26    3767371.08        0.96180                       397398.26
3767371.08        0.81764
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         397438.26    3767371.08        0.64495                     397478.26
3767371.08        0.50801
         397518.26    3767371.08        0.40417                     397558.26
3767371.08        0.32404
         397598.26    3767371.08        0.26156                     397638.26
3767371.08        0.21212
         397678.26    3767371.08        0.17102                     397718.26
3767371.08        0.13816
         396558.26    3767411.08        0.05424                     396598.26
3767411.08        0.05994
         396638.26    3767411.08        0.06743                     396678.26
3767411.08        0.07675
         396718.26    3767411.08        0.08754                     396758.26
3767411.08        0.09560
         396798.26    3767411.08        0.10509                     396838.26
3767411.08        0.11952
         396878.26    3767411.08        0.14285                     396918.26
3767411.08        0.16087
         396958.26    3767411.08        0.18842                     396998.26
3767411.08        0.24373
         397038.26    3767411.08        0.35571                     397078.26
3767411.08        0.52302
         397118.26    3767411.08        0.70219                     397158.26
3767411.08        0.86007
         397198.26    3767411.08        0.97045                     397238.26
3767411.08        1.02885
         397278.26    3767411.08        1.02473                     397318.26
3767411.08        0.96880
         397358.26    3767411.08        0.86801                     397398.26
3767411.08        0.77815
         397438.26    3767411.08        0.65526                     397478.26
3767411.08        0.54145
         397518.26    3767411.08        0.44357                     397558.26
3767411.08        0.36265
         397598.26    3767411.08        0.29546                     397638.26
3767411.08        0.24179
         397678.26    3767411.08        0.19868                     397718.26
3767411.08        0.16018
         396558.26    3767451.08        0.05249                     396598.26
3767451.08        0.05797
         396638.26    3767451.08        0.06505                     396678.26
3767451.08        0.07331
         396718.26    3767451.08        0.08254                     396758.26
3767451.08        0.09159
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       16:32:54
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
396798.26	3767451.08	0.09913	396838.26	3767451.08	0.11314
396878.26	3767451.08	0.13122	396918.26	3767451.08	0.14659
396958.26	3767451.08	0.16972	396998.26	3767451.08	0.21278
397038.26	3767451.08	0.29352	397078.26	3767451.08	0.41555
397118.26	3767451.08	0.55520	397158.26	3767451.08	0.67405
397198.26	3767451.08	0.76566	397238.26	3767451.08	0.82369
397278.26	3767451.08	0.83871	397318.26	3767451.08	0.81436
397358.26	3767451.08	0.76441	397398.26	3767451.08	0.70828
397438.26	3767451.08	0.62572	397478.26	3767451.08	0.54045
397518.26	3767451.08	0.45894	397558.26	3767451.08	0.38410
397598.26	3767451.08	0.31803	397638.26	3767451.08	0.26336
397678.26	3767451.08	0.21860	397718.26	3767451.08	0.17989
396558.26	3767491.08	0.05076	396598.26	3767491.08	0.05601
396638.26	3767491.08	0.06233	396678.26	3767491.08	0.06935

396718.26 3767491.08 0.07711 396758.26 3767491.08 0.08724
396798.26 3767491.08 0.09286 396838.26 3767491.08 0.10492
396878.26 3767491.08 0.12059 396918.26 3767491.08 0.13323
396958.26 3767491.08 0.15312 396998.26 3767491.08 0.18758
397038.26 3767491.08 0.24891 397078.26 3767491.08 0.34047
397118.26 3767491.08 0.44552 397158.26 3767491.08 0.54243
397198.26 3767491.08 0.61975 397238.26 3767491.08 0.67091
397278.26 3767491.08 0.69578 397318.26 3767491.08 0.68949
397358.26 3767491.08 0.66108 397398.26 3767491.08 0.62604
397438.26 3767491.08 0.57780 397478.26 3767491.08 0.51687
397518.26 3767491.08 0.45236 397558.26 3767491.08 0.38772
397598.26 3767491.08 0.32746 397638.26 3767491.08 0.27662
397678.26 3767491.08 0.23182 397718.26 3767491.08 0.19341
396558.26 3767531.08 0.04928 396598.26 3767531.08 0.05441
396638.26 3767531.08 0.06062 396678.26 3767531.08 0.06693
396718.26 3767531.08 0.07273 396758.26 3767531.08 0.08124
396798.26 3767531.08 0.08729 396838.26 3767531.08 0.09919
396878.26 3767531.08 0.10991 396918.26 3767531.08 0.12188
396958.26 3767531.08 0.13938 396998.26 3767531.08 0.16821
397038.26 3767531.08 0.21852 397078.26 3767531.08 0.28747
397118.26 3767531.08 0.37363 397158.26 3767531.08 0.45513
397198.26 3767531.08 0.51833 397238.26 3767531.08 0.56469
397278.26 3767531.08 0.58728 397318.26 3767531.08 0.59083
397358.26 3767531.08 0.57515 397398.26 3767531.08 0.55100
397438.26 3767531.08 0.52588 397478.26 3767531.08 0.48392

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                             *** 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
 -
- -
         397598.26   3767531.08   0.32556   397638.26
3767531.08   0.28004
         397678.26   3767531.08   0.23948   397718.26
3767531.08   0.20266
         397320.82   3767219.11   1.02484   397330.82
3767209.11   0.92744
         397340.82   3767189.11   0.71107   397340.82
3767199.11   0.78817
         397340.82   3767209.11   0.83971   397350.82
3767189.11   0.62235
         397350.82   3767199.11   0.67909   397360.82
3767189.11   0.48323
         397360.82   3767199.11   0.52577   397370.82
3767189.11   0.36911
         397380.82   3767189.11   0.30425   396934.73
3767169.52   0.37109
         397014.53   3767229.60   0.54761   397044.10
3767223.97   0.91979
         397113.57   3767239.93   2.45694   397158.63
3767280.29   2.59870

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         397168.95    3767307.05        1.61935                      397244.05
3767296.72        1.77184
         397260.95    3767278.88        1.67598                      397409.74
3767205.66        0.27338
         397422.89    3767189.23        0.22075                      397426.64
3767180.78        0.20531
         397420.54    3767170.46        0.20095                      397318.68
3767160.13        0.54939
         397022.98    3767083.62        1.61120                      396920.42
3767167.32        0.33827
         396989.95    3767243.54        0.38099                      397044.10
3767223.97        0.91979
         397113.57    3767239.93        2.45694                      397158.63
3767280.29        2.59870
         397168.95    3767307.05        1.61935                      397244.05
3767296.72        1.77184
         397260.95    3767278.88        1.67598                      397409.74
3767205.66        0.27338
         397422.89    3767189.23        0.22075                      397426.64
3767180.78        0.20531
         397420.54    3767170.46        0.20095                      397318.68
3767160.13        0.54939
         397022.98    3767083.62        1.61120

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  36
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** 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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- -
396558.26 3766771.08 1.40238 396598.26
3766771.08 1.61716
396638.26 3766771.08 1.94781 396678.26
3766771.08 2.40605
396718.26 3766771.08 2.87716 396758.26
3766771.08 3.11337
396798.26 3766771.08 3.21344 396838.26
3766771.08 3.71754
396878.26 3766771.08 3.93993 396918.26
3766771.08 4.19174
396958.26 3766771.08 4.63708 396998.26
3766771.08 4.71956
397038.26 3766771.08 4.82863 397078.26
3766771.08 4.76553
397118.26 3766771.08 4.82316 397158.26
3766771.08 4.63809
397198.26 3766771.08 4.51331 397238.26
3766771.08 4.16711
397278.26 3766771.08 4.05451 397318.26
3766771.08 3.96651
397358.26 3766771.08 3.91038 397398.26
3766771.08 3.68789
397438.26 3766771.08 3.73222 397478.26
3766771.08 3.72977
397518.26 3766771.08 3.69528 397558.26
3766771.08 3.52734
397598.26 3766771.08 3.26492 397638.26
3766771.08 2.94480
397678.26 3766771.08 2.63416 397718.26
3766771.08 2.40354
396558.26 3766811.08 1.48097 396598.26
3766811.08 1.74539
396638.26 3766811.08 2.08752 396678.26
3766811.08 2.47947
396718.26 3766811.08 2.89366 396758.26
3766811.08 3.21587
396798.26 3766811.08 3.49740 396838.26
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3766811.08 4.55735
396958.26 3766811.08 5.03658 396998.26
3766811.08 5.21955
397038.26 3766811.08 5.30395 397078.26
3766811.08 5.24992
397118.26 3766811.08 5.36890 397158.26
3766811.08 5.22895
397198.26 3766811.08 4.98967 397238.26
3766811.08 4.48295

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         397278.26    3766811.08        4.23726                      397318.26
3766811.08        4.32756
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         397438.26    3766811.08        4.21523                      397478.26
3766811.08        4.21921
         397518.26    3766811.08        4.08826                      397558.26
3766811.08        3.82584
         397598.26    3766811.08        3.48279                      397638.26
3766811.08        3.18019
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3766851.08        1.77290
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3766851.08        2.51360
         396718.26    3766851.08        2.83200                      396758.26
3766851.08        3.23871
         396798.26    3766851.08        3.75528                      396838.26
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         396958.26    3766851.08        5.21996                      396998.26
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         397118.26    3766851.08        5.92209                      397158.26
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         397278.26    3766851.08        4.77204                      397318.26
3766851.08        4.63842
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,
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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
397358.26	3766851.08	4.49585	397398.26	3766851.08	4.66919
397438.26	3766851.08	4.73200	397478.26	3766851.08	4.65294
397518.26	3766851.08	4.40759	397558.26	3766851.08	4.04754
397598.26	3766851.08	3.78307	397638.26	3766851.08	3.50983
397678.26	3766851.08	3.09710	397718.26	3766851.08	2.69767
396558.26	3766891.08	1.57478	396598.26	3766891.08	1.77821
396638.26	3766891.08	2.08525	396678.26	3766891.08	2.60276
396718.26	3766891.08	3.01817	396758.26	3766891.08	3.34990
396798.26	3766891.08	3.79618	396838.26	3766891.08	4.39079
396878.26	3766891.08	4.75571	396918.26	3766891.08	5.29931
396958.26	3766891.08	5.63144	396998.26	3766891.08	6.08060
397038.26	3766891.08	6.23854	397078.26	3766891.08	6.54911
397118.26	3766891.08	6.55705	397158.26	3766891.08	6.24862
397198.26	3766891.08	6.18428	397238.26	3766891.08	5.46089
397278.26	3766891.08	5.51490	397318.26	3766891.08	5.30438
397358.26	3766891.08	5.27475	397398.26	3766891.08	5.23407
397438.26	3766891.08	5.18213	397478.26	3766891.08	4.97171
397518.26	3766891.08	4.62927	397558.26	3766891.08	4.42388
397598.26	3766891.08	4.08407	397638.26	3766891.08	3.60289
397678.26	3766891.08	3.24961	397718.26	3766891.08	2.93789

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         396558.26    3766931.08        1.65474                      396598.26
3766931.08        1.91942
         396638.26    3766931.08        2.20352                      396678.26
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         396718.26    3766931.08        3.01866                      396758.26
3766931.08        3.56519
         396798.26    3766931.08        3.96331                      396838.26
3766931.08        4.40132
         396878.26    3766931.08        5.07108                      396918.26
3766931.08        5.40114
         396958.26    3766931.08        6.09847                      396998.26
3766931.08        6.36308
         397038.26    3766931.08        7.02440                      397078.26
3766931.08        7.36294
         397118.26    3766931.08        7.54969                      397158.26
3766931.08        7.40581
         397198.26    3766931.08        7.12488                      397238.26
3766931.08        6.32779
         397278.26    3766931.08        6.13714                      397318.26
3766931.08        6.17606
         397358.26    3766931.08        6.54962                      397398.26
3766931.08        6.18928
         397438.26    3766931.08        5.67302                      397478.26
3766931.08        5.28003
         397518.26    3766931.08        5.12893                      397558.26
3766931.08        4.65283
         397598.26    3766931.08        4.19134                      397638.26
3766931.08        3.85004
         397678.26    3766931.08        3.47045                      397718.26
3766931.08        3.09295
         396558.26    3766971.08        1.55176                      396598.26
3766971.08        1.88132
         396638.26    3766971.08        2.26019                      396678.26
3766971.08        2.63396
         396718.26    3766971.08        2.98121                      396758.26
3766971.08        3.38189
         396798.26    3766971.08        4.09658                      396838.26
3766971.08        4.63561
         396878.26    3766971.08        5.05660                      396918.26
3766971.08        5.86576
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  38
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
396958.26	3766971.08	6.29522	396998.26	3766971.08	7.15263
397038.26	3766971.08	7.91225	397078.26	3766971.08	8.35174
397118.26	3766971.08	8.73237	397158.26	3766971.08	8.63620
397198.26	3766971.08	8.14834	397238.26	3766971.08	7.50177
397278.26	3766971.08	7.23112	397318.26	3766971.08	7.40070
397358.26	3766971.08	7.41845	397398.26	3766971.08	7.12644
397438.26	3766971.08	6.43759	397478.26	3766971.08	5.90368
397518.26	3766971.08	5.32356	397558.26	3766971.08	4.89404
397598.26	3766971.08	4.48455	397638.26	3766971.08	3.98859
397678.26	3766971.08	3.44731	397718.26	3766971.08	3.08039
396558.26	3767011.08	1.55926	396598.26	3767011.08	1.76535
396638.26	3767011.08	2.04324	396678.26	3767011.08	2.50589
396718.26	3767011.08	3.00396	396758.26	3767011.08	3.50357
396798.26	3767011.08	3.91752	396838.26	3767011.08	4.61460
396878.26	3767011.08	5.38806	396918.26	3767011.08	5.92907
396958.26	3767011.08	6.92823	396998.26	3767011.08	7.80906

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         397118.26    3767011.08       11.81522                      397158.26
3767011.08       11.79882
         397198.26    3767011.08       11.66078                      397238.26
3767011.08       10.17325
         397278.26    3767011.08        8.62403                      397318.26
3767011.08        8.59204
         397358.26    3767011.08        8.01191                      397398.26
3767011.08        7.47273
         397438.26    3767011.08        7.07619                      397478.26
3767011.08        6.23661
         397518.26    3767011.08        5.69110                      397558.26
3767011.08        5.11283
         397598.26    3767011.08        4.46746                      397638.26
3767011.08        3.96188
         397678.26    3767011.08        3.56192                      397718.26
3767011.08        3.29162
         396558.26    3767051.08        1.61695                      396598.26
3767051.08        1.83185
         396638.26    3767051.08        2.07949                      396678.26
3767051.08        2.42714
         396718.26    3767051.08        2.76859                      396758.26
3767051.08        3.22137
         396798.26    3767051.08        3.89348                      396838.26
3767051.08        4.55454
         396878.26    3767051.08        5.14851                      396918.26
3767051.08        6.39125
         396958.26    3767051.08        7.18312                      396998.26
3767051.08        9.54580
         397038.26    3767051.08       15.57508                      397078.26
3767051.08       12.90684
         397118.26    3767051.08       13.10243                      397158.26
3767051.08       13.64799
         397198.26    3767051.08       13.17279                      397238.26
3767051.08       13.19010
         397278.26    3767051.08       12.59636                      397318.26
3767051.08        9.64722
         397358.26    3767051.08        8.91422                      397398.26
3767051.08        7.84010
         397438.26    3767051.08        7.37991                      397478.26
3767051.08        6.72331
         397518.26    3767051.08        5.87085                      397558.26
3767051.08        5.32155
         397598.26    3767051.08        4.76062                      397638.26
3767051.08        4.24512
         397678.26    3767051.08        3.77310                      397718.26
3767051.08        3.39897
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** 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
396558.26	3767091.08	1.70930	396598.26	3767091.08	1.95342
396638.26	3767091.08	2.16920	396678.26	3767091.08	2.42850
396718.26	3767091.08	2.75046	396758.26	3767091.08	3.12475
396798.26	3767091.08	3.62298	396838.26	3767091.08	4.15159
396878.26	3767091.08	5.08849	396918.26	3767091.08	6.13058
396958.26	3767091.08	7.50543	396998.26	3767091.08	14.72753
397078.26	3767091.08	11.43805	397118.26	3767091.08	12.25097
397158.26	3767091.08	13.48670	397198.26	3767091.08	13.25406
397238.26	3767091.08	13.30240	397278.26	3767091.08	14.37336
397318.26	3767091.08	15.06009	397358.26	3767091.08	9.52143
397398.26	3767091.08	8.37058	397438.26	3767091.08	7.33926
397478.26	3767091.08	6.69084	397518.26	3767091.08	6.14721

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         397558.26    3767091.08        5.53272                    397598.26
3767091.08        4.92989
         397638.26    3767091.08        4.24321                    397678.26
3767091.08        3.63858
         397718.26    3767091.08        3.23644                    396558.26
3767131.08        1.80742
         396598.26    3767131.08        2.05434                    396638.26
3767131.08        2.29441
         396678.26    3767131.08        2.50260                    396718.26
3767131.08        2.81115
         396758.26    3767131.08        3.19370                    396798.26
3767131.08        3.60951
         396838.26    3767131.08        4.08689                    396878.26
3767131.08        4.69242
         396918.26    3767131.08        5.61707                    396958.26
3767131.08        9.11343
         397238.26    3767131.08       14.07630                    397278.26
3767131.08       15.01816
         397318.26    3767131.08       18.39910                    397358.26
3767131.08       11.31942
         397398.26    3767131.08        8.74508                    397438.26
3767131.08        7.68674
         397478.26    3767131.08        6.60032                    397518.26
3767131.08        5.81529
         397558.26    3767131.08        5.24474                    397598.26
3767131.08        4.77096
         397638.26    3767131.08        4.30212                    397678.26
3767131.08        3.78102
         397718.26    3767131.08        3.32447                    396558.26
3767171.08        1.97340
         396598.26    3767171.08        2.23191                    396638.26
3767171.08        2.52211
         396678.26    3767171.08        2.73450                    396718.26
3767171.08        2.98602
         396758.26    3767171.08        3.36943                    396798.26
3767171.08        3.87668
         396838.26    3767171.08        4.47909                    396878.26
3767171.08        5.29577
         396918.26    3767171.08        6.26201                    397438.26
3767171.08        7.46024
         397478.26    3767171.08        6.56509                    397518.26
3767171.08        5.85652
         397558.26    3767171.08        5.22479                    397598.26
3767171.08        4.63485
         397638.26    3767171.08        4.07595                    397678.26
3767171.08        3.55538
         397718.26    3767171.08        3.08045                    396558.26
3767211.08        2.01247
         396598.26    3767211.08        2.29144                    396638.26
3767211.08        2.57104
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
396918.26	3767211.08	6.70548	396958.26	3767211.08	7.95192
397438.26	3767211.08	6.38591	397478.26	3767211.08	5.72807
397518.26	3767211.08	5.26252	397558.26	3767211.08	4.78464
397598.26	3767211.08	4.31218	397638.26	3767211.08	3.84415
397678.26	3767211.08	3.40267	397718.26	3767211.08	2.99339
396558.26	3767251.08	2.16817	396598.26	3767251.08	2.46602
396638.26	3767251.08	2.80550	396678.26	3767251.08	3.17066
396718.26	3767251.08	3.35572	396758.26	3767251.08	3.48858

396798.26 3767251.08 3.91268 396838.26
3767251.08 4.52849
396878.26 3767251.08 5.55830 396918.26
3767251.08 6.54727
396958.26 3767251.08 7.21322 396998.26
3767251.08 10.04533
397038.26 3767251.08 6.20265 397078.26
3767251.08 5.67977
397118.26 3767251.08 9.06248 397318.26
3767251.08 10.88340
397358.26 3767251.08 7.31237 397398.26
3767251.08 6.22556
397438.26 3767251.08 5.48229 397478.26
3767251.08 4.88378
397518.26 3767251.08 4.50891 397558.26
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3767251.08 3.47088
397678.26 3767251.08 3.11078 397718.26
3767251.08 2.76458
396558.26 3767291.08 2.12910 396598.26
3767291.08 2.47108
396638.26 3767291.08 2.81782 396678.26
3767291.08 3.20865
396718.26 3767291.08 3.59051 396758.26
3767291.08 3.47432
396798.26 3767291.08 3.79408 396838.26
3767291.08 4.33334
396878.26 3767291.08 5.42361 396918.26
3767291.08 5.78459
396958.26 3767291.08 6.21647 396998.26
3767291.08 7.21079
397038.26 3767291.08 9.97487 397078.26
3767291.08 6.02642
397118.26 3767291.08 6.31364 397158.26
3767291.08 8.50885
397278.26 3767291.08 10.33403 397318.26
3767291.08 8.78043
397358.26 3767291.08 6.52561 397398.26
3767291.08 6.10120
397438.26 3767291.08 5.25116 397478.26
3767291.08 4.50644
397518.26 3767291.08 4.08257 397558.26
3767291.08 3.78604
397598.26 3767291.08 3.45328 397638.26
3767291.08 3.16233
397678.26 3767291.08 2.88625 397718.26
3767291.08 2.55602
396558.26 3767331.08 2.02264 396598.26
3767331.08 2.29399

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         396638.26    3767331.08        2.60086                       396678.26
3767331.08        3.03477
         396718.26    3767331.08        3.43746                       396758.26
3767331.08        3.44403
         396798.26    3767331.08        3.66036                       396838.26
3767331.08        4.10447
         396878.26    3767331.08        4.99036                       396918.26
3767331.08        5.14934
         396958.26    3767331.08        5.25136                       396998.26
3767331.08        5.39857
         397038.26    3767331.08        6.25485                       397078.26
3767331.08        7.30945
         397118.26    3767331.08        7.03636                       397158.26
3767331.08        8.24535
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                  PAGE  41
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        9.23010                       397238.26
3767331.08       10.17591
         397278.26    3767331.08        9.36360                       397318.26
3767331.08        6.70764
         397358.26    3767331.08        6.19360                       397398.26
3767331.08        5.96948
         397438.26    3767331.08        5.20181                       397478.26
3767331.08        4.48156
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         397518.26    3767331.08        3.99039                    397558.26
3767331.08        3.56712
         397598.26    3767331.08        3.20048                    397638.26
3767331.08        2.84594
         397678.26    3767331.08        2.57477                    397718.26
3767331.08        2.35375
         396558.26    3767371.08        1.93569                    396598.26
3767371.08        2.19037
         396638.26    3767371.08        2.50758                    396678.26
3767371.08        2.90809
         396718.26    3767371.08        3.26280                    396758.26
3767371.08        3.37291
         396798.26    3767371.08        3.53383                    396838.26
3767371.08        3.84794
         396878.26    3767371.08        4.46564                    396918.26
3767371.08        4.50250
         396958.26    3767371.08        4.50290                    396998.26
3767371.08        4.48270
         397038.26    3767371.08        4.32484                    397078.26
3767371.08        4.30090
         397118.26    3767371.08        4.24165                    397158.26
3767371.08        6.47658
         397198.26    3767371.08        6.63966                    397238.26
3767371.08        6.12302
         397278.26    3767371.08        6.14024                    397318.26
3767371.08        5.92701
         397358.26    3767371.08        5.59703                    397398.26
3767371.08        5.46703
         397438.26    3767371.08        4.90439                    397478.26
3767371.08        4.38678
         397518.26    3767371.08        3.93054                    397558.26
3767371.08        3.50534
         397598.26    3767371.08        3.09508                    397638.26
3767371.08        2.75837
         397678.26    3767371.08        2.40536                    397718.26
3767371.08        2.10113
         396558.26    3767411.08        1.84840                    396598.26
3767411.08        2.11141
         396638.26    3767411.08        2.42558                    396678.26
3767411.08        2.76645
         396718.26    3767411.08        3.09077                    396758.26
3767411.08        3.21301
         396798.26    3767411.08        3.21392                    396838.26
3767411.08        3.49016
         396878.26    3767411.08        4.01060                    396918.26
3767411.08        4.04895
         396958.26    3767411.08        3.68278                    396998.26
3767411.08        3.56997
         397038.26    3767411.08        3.55272                    397078.26
3767411.08        3.21132
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         397118.26    3767411.08        3.41722                      397158.26
3767411.08        4.33379
         397198.26    3767411.08        4.76325                      397238.26
3767411.08        5.06728
         397278.26    3767411.08        5.29985                      397318.26
3767411.08        5.10038
         397358.26    3767411.08        4.95648                      397398.26
3767411.08        4.90834
         397438.26    3767411.08        4.53708                      397478.26
3767411.08        4.15972
         397518.26    3767411.08        3.79057                      397558.26
3767411.08        3.42040
         397598.26    3767411.08        3.05180                      397638.26
3767411.08        2.72755
         397678.26    3767411.08        2.39069                      397718.26
3767411.08        2.03529
         396558.26    3767451.08        1.75865                      396598.26
3767451.08        2.00437
         396638.26    3767451.08        2.29443                      396678.26
3767451.08        2.54484
         396718.26    3767451.08        2.72836                      396758.26
3767451.08        2.92320
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  42
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** 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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396798.26 3767451.08 2.98145 396838.26
3767451.08 3.30244
396878.26 3767451.08 3.50530 396918.26
3767451.08 3.26769
396958.26 3767451.08 3.23069 396998.26
3767451.08 2.97274
397038.26 3767451.08 2.63819 397078.26
3767451.08 2.58990
397118.26 3767451.08 2.91726 397158.26
3767451.08 3.59767
397198.26 3767451.08 3.84876 397238.26
3767451.08 4.38691
397278.26 3767451.08 4.35439 397318.26
3767451.08 4.57363
397358.26 3767451.08 4.37554 397398.26
3767451.08 4.37195
397438.26 3767451.08 4.19262 397478.26
3767451.08 3.89637
397518.26 3767451.08 3.57130 397558.26
3767451.08 3.25239
397598.26 3767451.08 2.92582 397638.26
3767451.08 2.62375
397678.26 3767451.08 2.33947 397718.26
3767451.08 2.06307
396558.26 3767491.08 1.65776 396598.26
3767491.08 1.84156
396638.26 3767491.08 1.99801 396678.26
3767491.08 2.22069
396718.26 3767491.08 2.47051 396758.26
3767491.08 2.74426
396798.26 3767491.08 2.74753 396838.26
3767491.08 2.78267
396878.26 3767491.08 2.90437 396918.26
3767491.08 3.02184
396958.26 3767491.08 2.79195 396998.26
3767491.08 2.41517
397038.26 3767491.08 2.34944 397078.26
3767491.08 2.34929
397118.26 3767491.08 2.58404 397158.26
3767491.08 3.01206
397198.26 3767491.08 3.40691 397238.26
3767491.08 3.72230
397278.26 3767491.08 3.92822 397318.26
3767491.08 3.94754
397358.26 3767491.08 4.01348 397398.26
3767491.08 3.86885
397438.26 3767491.08 3.77235 397478.26
3767491.08 3.62559
397518.26 3767491.08 3.36091 397558.26
3767491.08 3.04799

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         397598.26    3767491.08        2.74903                      397638.26
3767491.08        2.48759
         397678.26    3767491.08        2.23258                      397718.26
3767491.08        1.97213
         396558.26    3767531.08        1.52948                      396598.26
3767531.08        1.67358
         396638.26    3767531.08        1.84051                      396678.26
3767531.08        2.02409
         396718.26    3767531.08        2.25582                      396758.26
3767531.08        2.40713
         396798.26    3767531.08        2.27522                      396838.26
3767531.08        2.50689
         396878.26    3767531.08        2.67746                      396918.26
3767531.08        2.57596
         396958.26    3767531.08        2.34520                      396998.26
3767531.08        2.28903
         397038.26    3767531.08        2.23089                      397078.26
3767531.08        2.25881
         397118.26    3767531.08        2.46072                      397158.26
3767531.08        2.74262
         397198.26    3767531.08        3.06790                      397238.26
3767531.08        3.17925
         397278.26    3767531.08        3.56018                      397318.26
3767531.08        3.53068
         397358.26    3767531.08        3.59929                      397398.26
3767531.08        3.53922
         397438.26    3767531.08        3.45900                      397478.26
3767531.08        3.31501
         397518.26    3767531.08        3.12949                      397558.26
3767531.08        2.85744
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  43
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** 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
397598.26	3767531.08	2.56729	397638.26	3767531.08	2.32971
397678.26	3767531.08	2.10995	397718.26	3767531.08	1.87511
397320.82	3767219.11	14.79927	397330.82	3767209.11	16.10277
397340.82	3767189.11	17.88768	397340.82	3767199.11	17.40522
397340.82	3767209.11	15.28538	397350.82	3767189.11	18.07895
397350.82	3767199.11	16.77224	397360.82	3767189.11	15.56923
397360.82	3767199.11	14.84752	397370.82	3767189.11	10.97255
397380.82	3767189.11	9.04359	396934.73	3767169.52	6.50932
397014.53	3767229.60	12.46787	397044.10	3767223.97	11.85116
397113.57	3767239.93	9.03781	397158.63	3767280.29	9.64917
397168.95	3767307.05	6.36440	397244.05	3767296.72	9.48440
397260.95	3767278.88	7.75740	397409.74	3767205.66	7.32393
397422.89	3767189.23	7.56248	397426.64	3767180.78	7.65568
397420.54	3767170.46	7.94922	397318.68	3767160.13	16.78136
397022.98	3767083.62	14.59033	396920.42	3767167.32	6.17666
396989.95	3767243.54	10.52030	397044.10	3767223.97	11.85116
397113.57	3767239.93	9.03781	397158.63	3767280.29	9.64917
397168.95	3767307.05	6.36440	397244.05	3767296.72	9.48440
397260.95	3767278.88	7.75740	397409.74	3767205.66	7.32393
397422.89	3767189.23	7.56248	397426.64	3767180.78	7.65568
397420.54	3767170.46	7.94922	397318.68	3767160.13	16.78136

397022.98   3767083.62   14.59033

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   EG01   , EG02
, EG03   , EG04   , EG05   ,
EG06   , EG07   , EG08   , EG09   , EG10
, EG11   , EG12   , EG13   ,
EG14   , EG15   , EG16   , EG17   , EG18
, EG19   , EG20   , EG21   ,
EG22   , EG23   , EG24   ,

*** 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
396558.26	3766771.08	1.40238	396598.26	3766771.08	1.61716
396638.26	3766771.08	1.94781	396678.26	3766771.08	2.40605
396718.26	3766771.08	2.87716	396758.26	3766771.08	3.11337
396798.26	3766771.08	3.21344	396838.26	3766771.08	3.71754
396878.26	3766771.08	3.93993	396918.26	3766771.08	4.19174
396958.26	3766771.08	4.63708	396998.26	3766771.08	4.71956
397038.26	3766771.08	4.82863	397078.26	3766771.08	4.76553
397118.26	3766771.08	4.82316	397158.26	3766771.08	4.63809
397198.26	3766771.08	4.51331	397238.26	3766771.08	4.16711
397278.26	3766771.08	4.05451	397318.26	3766771.08	3.96651

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         397358.26    3766771.08        3.91038                    397398.26
3766771.08        3.68789
         397438.26    3766771.08        3.73222                    397478.26
3766771.08        3.72977
         397518.26    3766771.08        3.69528                    397558.26
3766771.08        3.52734
         397598.26    3766771.08        3.26492                    397638.26
3766771.08        2.94480
         397678.26    3766771.08        2.63416                    397718.26
3766771.08        2.40354
         396558.26    3766811.08        1.48097                    396598.26
3766811.08        1.74539
         396638.26    3766811.08        2.08752                    396678.26
3766811.08        2.47947
         396718.26    3766811.08        2.89366                    396758.26
3766811.08        3.21587
         396798.26    3766811.08        3.49740                    396838.26
3766811.08        3.82785
         396878.26    3766811.08        4.34485                    396918.26
3766811.08        4.55735
         396958.26    3766811.08        5.03658                    396998.26
3766811.08        5.21955
         397038.26    3766811.08        5.30395                    397078.26
3766811.08        5.24992
         397118.26    3766811.08        5.36890                    397158.26
3766811.08        5.22895
         397198.26    3766811.08        4.98967                    397238.26
3766811.08        4.48295
         397278.26    3766811.08        4.23726                    397318.26
3766811.08        4.32756
         397358.26    3766811.08        4.11981                    397398.26
3766811.08        4.14475
         397438.26    3766811.08        4.21523                    397478.26
3766811.08        4.21921
         397518.26    3766811.08        4.08826                    397558.26
3766811.08        3.82584
         397598.26    3766811.08        3.48279                    397638.26
3766811.08        3.18019
         397678.26    3766811.08        2.94974                    397718.26
3766811.08        2.61938
         396558.26    3766851.08        1.46014                    396598.26
3766851.08        1.77290
         396638.26    3766851.08        2.14220                    396678.26
3766851.08        2.51360
         396718.26    3766851.08        2.83200                    396758.26
3766851.08        3.23871
         396798.26    3766851.08        3.75528                    396838.26
3766851.08        4.07940
         396878.26    3766851.08        4.58462                    396918.26
3766851.08        5.00590
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396958.26   3766851.08   5.21996   396998.26
3766851.08   5.71729
397038.26   3766851.08   5.75330   397078.26
3766851.08   5.81026
397118.26   3766851.08   5.92209   397158.26
3766851.08   5.80482
397198.26   3766851.08   5.54347   397238.26
3766851.08   4.98126
397278.26   3766851.08   4.77204   397318.26
3766851.08   4.63842

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   EG01   , EG02   , EG03   , EG04   , EG05   ,
EG06   , EG07   , EG08   , EG09   , EG10   , EG11   , EG12   , EG13   ,
EG14   , EG15   , EG16   , EG17   , EG18   , EG19   , EG20   , EG21   ,
EG22   , EG23   , EG24   ,

*** 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
397358.26	3766851.08	4.49585	397398.26	3766851.08	4.66919
397438.26	3766851.08	4.73200	397478.26	3766851.08	4.65294
397518.26	3766851.08	4.40759	397558.26	3766851.08	4.04754
397598.26	3766851.08	3.78307	397638.26	3766851.08	3.50983
397678.26	3766851.08	3.09710	397718.26	3766851.08	2.69767
396558.26	3766891.08	1.57478	396598.26	3766891.08	1.77821

396638.26 3766891.08 2.08525 396678.26
3766891.08 2.60276
396718.26 3766891.08 3.01817 396758.26
3766891.08 3.34990
396798.26 3766891.08 3.79618 396838.26
3766891.08 4.39079
396878.26 3766891.08 4.75571 396918.26
3766891.08 5.29931
396958.26 3766891.08 5.63144 396998.26
3766891.08 6.08060
397038.26 3766891.08 6.23854 397078.26
3766891.08 6.54911
397118.26 3766891.08 6.55705 397158.26
3766891.08 6.24862
397198.26 3766891.08 6.18428 397238.26
3766891.08 5.46089
397278.26 3766891.08 5.51490 397318.26
3766891.08 5.30438
397358.26 3766891.08 5.27475 397398.26
3766891.08 5.23407
397438.26 3766891.08 5.18213 397478.26
3766891.08 4.97171
397518.26 3766891.08 4.62927 397558.26
3766891.08 4.42388
397598.26 3766891.08 4.08407 397638.26
3766891.08 3.60289
397678.26 3766891.08 3.24961 397718.26
3766891.08 2.93789
396558.26 3766931.08 1.65474 396598.26
3766931.08 1.91942
396638.26 3766931.08 2.20352 396678.26
3766931.08 2.48495
396718.26 3766931.08 3.01866 396758.26
3766931.08 3.56519
396798.26 3766931.08 3.96331 396838.26
3766931.08 4.40132
396878.26 3766931.08 5.07108 396918.26
3766931.08 5.40114
396958.26 3766931.08 6.09847 396998.26
3766931.08 6.36308
397038.26 3766931.08 7.02440 397078.26
3766931.08 7.36294
397118.26 3766931.08 7.54969 397158.26
3766931.08 7.40581
397198.26 3766931.08 7.12488 397238.26
3766931.08 6.32779
397278.26 3766931.08 6.13714 397318.26
3766931.08 6.17606
397358.26 3766931.08 6.54962 397398.26
3766931.08 6.18928

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         397438.26    3766931.08        5.67302                      397478.26
3766931.08        5.28003
         397518.26    3766931.08        5.12893                      397558.26
3766931.08        4.65283
         397598.26    3766931.08        4.19134                      397638.26
3766931.08        3.85004
         397678.26    3766931.08        3.47045                      397718.26
3766931.08        3.09295
         396558.26    3766971.08        1.55176                      396598.26
3766971.08        1.88132
         396638.26    3766971.08        2.26019                      396678.26
3766971.08        2.63396
         396718.26    3766971.08        2.98121                      396758.26
3766971.08        3.38189
         396798.26    3766971.08        4.09658                      396838.26
3766971.08        4.63561
         396878.26    3766971.08        5.05660                      396918.26
3766971.08        5.86576
```



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    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08        6.29522                      396998.26
3766971.08        7.15263
         397038.26    3766971.08        7.91225                      397078.26
3766971.08        8.35174
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         397118.26    3766971.08        8.73237                    397158.26
3766971.08        8.63620
         397198.26    3766971.08        8.14834                    397238.26
3766971.08        7.50177
         397278.26    3766971.08        7.23112                    397318.26
3766971.08        7.40070
         397358.26    3766971.08        7.41845                    397398.26
3766971.08        7.12644
         397438.26    3766971.08        6.43759                    397478.26
3766971.08        5.90368
         397518.26    3766971.08        5.32356                    397558.26
3766971.08        4.89404
         397598.26    3766971.08        4.48455                    397638.26
3766971.08        3.98859
         397678.26    3766971.08        3.44731                    397718.26
3766971.08        3.08039
         396558.26    3767011.08        1.55926                    396598.26
3767011.08        1.76535
         396638.26    3767011.08        2.04324                    396678.26
3767011.08        2.50589
         396718.26    3767011.08        3.00396                    396758.26
3767011.08        3.50357
         396798.26    3767011.08        3.91752                    396838.26
3767011.08        4.61460
         396878.26    3767011.08        5.38806                    396918.26
3767011.08        5.92907
         396958.26    3767011.08        6.92823                    396998.26
3767011.08        7.80906
         397038.26    3767011.08        8.57920                    397078.26
3767011.08       10.33179
         397118.26    3767011.08       11.81522                    397158.26
3767011.08       11.79882
         397198.26    3767011.08       11.66078                    397238.26
3767011.08       10.17325
         397278.26    3767011.08        8.62403                    397318.26
3767011.08        8.59204
         397358.26    3767011.08        8.01191                    397398.26
3767011.08        7.47273
         397438.26    3767011.08        7.07619                    397478.26
3767011.08        6.23661
         397518.26    3767011.08        5.69110                    397558.26
3767011.08        5.11283
         397598.26    3767011.08        4.46746                    397638.26
3767011.08        3.96188
         397678.26    3767011.08        3.56192                    397718.26
3767011.08        3.29162
         396558.26    3767051.08        1.61695                    396598.26
3767051.08        1.83185
         396638.26    3767051.08        2.07949                    396678.26
3767051.08        2.42714
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         396718.26    3767051.08        2.76859                      396758.26
3767051.08        3.22137
         396798.26    3767051.08        3.89348                      396838.26
3767051.08        4.55454
         396878.26    3767051.08        5.14851                      396918.26
3767051.08        6.39125
         396958.26    3767051.08        7.18312                      396998.26
3767051.08        9.54580
         397038.26    3767051.08       15.57508                      397078.26
3767051.08       12.90684
         397118.26    3767051.08       13.10243                      397158.26
3767051.08       13.64799
         397198.26    3767051.08       13.17279                      397238.26
3767051.08       13.19010
         397278.26    3767051.08       12.59636                      397318.26
3767051.08        9.64722
         397358.26    3767051.08        8.91422                      397398.26
3767051.08        7.84010
         397438.26    3767051.08        7.37991                      397478.26
3767051.08        6.72331
         397518.26    3767051.08        5.87085                      397558.26
3767051.08        5.32155
         397598.26    3767051.08        4.76062                      397638.26
3767051.08        4.24512
         397678.26    3767051.08        3.77310                      397718.26
3767051.08        3.39897
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Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  47
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                    *** 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
396558.26	3767091.08	1.70930	396598.26	3767091.08	1.95342
396638.26	3767091.08	2.16920	396678.26	3767091.08	2.42850
396718.26	3767091.08	2.75046	396758.26	3767091.08	3.12475
396798.26	3767091.08	3.62298	396838.26	3767091.08	4.15159
396878.26	3767091.08	5.08849	396918.26	3767091.08	6.13058
396958.26	3767091.08	7.50543	396998.26	3767091.08	14.72753
397078.26	3767091.08	11.43805	397118.26	3767091.08	12.25097
397158.26	3767091.08	13.48670	397198.26	3767091.08	13.25406
397238.26	3767091.08	13.30240	397278.26	3767091.08	14.37336
397318.26	3767091.08	15.06009	397358.26	3767091.08	9.52143
397398.26	3767091.08	8.37058	397438.26	3767091.08	7.33926
397478.26	3767091.08	6.69084	397518.26	3767091.08	6.14721
397558.26	3767091.08	5.53272	397598.26	3767091.08	4.92989
397638.26	3767091.08	4.24321	397678.26	3767091.08	3.63858
397718.26	3767091.08	3.23644	396558.26	3767131.08	1.80742
396598.26	3767131.08	2.05434	396638.26	3767131.08	2.29441
396678.26	3767131.08	2.50260	396718.26	3767131.08	2.81115
396758.26	3767131.08	3.19370	396798.26	3767131.08	3.60951
396838.26	3767131.08	4.08689	396878.26	3767131.08	4.69242
396918.26	3767131.08	5.61707	396958.26	3767131.08	9.11343
397238.26	3767131.08	14.07630	397278.26	3767131.08	15.01816
397318.26	3767131.08	18.39910	397358.26	3767131.08	11.31942
397398.26	3767131.08	8.74508	397438.26	3767131.08	7.68674

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         397478.26    3767131.08        6.60032                      397518.26
3767131.08        5.81529
         397558.26    3767131.08        5.24474                      397598.26
3767131.08        4.77096
         397638.26    3767131.08        4.30212                      397678.26
3767131.08        3.78102
         397718.26    3767131.08        3.32447                      396558.26
3767171.08        1.97340
         396598.26    3767171.08        2.23191                      396638.26
3767171.08        2.52211
         396678.26    3767171.08        2.73450                      396718.26
3767171.08        2.98602
         396758.26    3767171.08        3.36943                      396798.26
3767171.08        3.87668
         396838.26    3767171.08        4.47909                      396878.26
3767171.08        5.29577
         396918.26    3767171.08        6.26201                      397438.26
3767171.08        7.46024
         397478.26    3767171.08        6.56509                      397518.26
3767171.08        5.85652
         397558.26    3767171.08        5.22479                      397598.26
3767171.08        4.63485
         397638.26    3767171.08        4.07595                      397678.26
3767171.08        3.55538
         397718.26    3767171.08        3.08045                      396558.26
3767211.08        2.01247
         396598.26    3767211.08        2.29144                      396638.26
3767211.08        2.57104
         396678.26    3767211.08        2.87411                      396718.26
3767211.08        3.01262
         396758.26    3767211.08        3.33416                      396798.26
3767211.08        3.81437
         396838.26    3767211.08        4.53545                      396878.26
3767211.08        5.41724
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       16:32:54

                                  PAGE  48
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
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EG22 , EG23 , EG24 ,

*** 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
396918.26	3767211.08	6.70548	396958.26	3767211.08	7.95192
397438.26	3767211.08	6.38591	397478.26	3767211.08	5.72807
397518.26	3767211.08	5.26252	397558.26	3767211.08	4.78464
397598.26	3767211.08	4.31218	397638.26	3767211.08	3.84415
397678.26	3767211.08	3.40267	397718.26	3767211.08	2.99339
396558.26	3767251.08	2.16817	396598.26	3767251.08	2.46602
396638.26	3767251.08	2.80550	396678.26	3767251.08	3.17066
396718.26	3767251.08	3.35572	396758.26	3767251.08	3.48858
396798.26	3767251.08	3.91268	396838.26	3767251.08	4.52849
396878.26	3767251.08	5.55830	396918.26	3767251.08	6.54727
396958.26	3767251.08	7.21322	396998.26	3767251.08	10.04533
397038.26	3767251.08	6.20265	397078.26	3767251.08	5.67977
397118.26	3767251.08	9.06248	397318.26	3767251.08	10.88340
397358.26	3767251.08	7.31237	397398.26	3767251.08	6.22556
397438.26	3767251.08	5.48229	397478.26	3767251.08	4.88378
397518.26	3767251.08	4.50891	397558.26	3767251.08	4.15532
397598.26	3767251.08	3.81568	397638.26	3767251.08	3.47088
397678.26	3767251.08	3.11078	397718.26	3767251.08	2.76458
396558.26	3767291.08	2.12910	396598.26	3767291.08	2.47108

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         396638.26    3767291.08        2.81782                      396678.26
3767291.08        3.20865
         396718.26    3767291.08        3.59051                      396758.26
3767291.08        3.47432
         396798.26    3767291.08        3.79408                      396838.26
3767291.08        4.33334
         396878.26    3767291.08        5.42361                      396918.26
3767291.08        5.78459
         396958.26    3767291.08        6.21647                      396998.26
3767291.08        7.21079
         397038.26    3767291.08        9.97487                      397078.26
3767291.08        6.02642
         397118.26    3767291.08        6.31364                      397158.26
3767291.08        8.50885
         397278.26    3767291.08       10.33403                      397318.26
3767291.08        8.78043
         397358.26    3767291.08        6.52561                      397398.26
3767291.08        6.10120
         397438.26    3767291.08        5.25116                      397478.26
3767291.08        4.50644
         397518.26    3767291.08        4.08257                      397558.26
3767291.08        3.78604
         397598.26    3767291.08        3.45328                      397638.26
3767291.08        3.16233
         397678.26    3767291.08        2.88625                      397718.26
3767291.08        2.55602
         396558.26    3767331.08        2.02264                      396598.26
3767331.08        2.29399
         396638.26    3767331.08        2.60086                      396678.26
3767331.08        3.03477
         396718.26    3767331.08        3.43746                      396758.26
3767331.08        3.44403
         396798.26    3767331.08        3.66036                      396838.26
3767331.08        4.10447
         396878.26    3767331.08        4.99036                      396918.26
3767331.08        5.14934
         396958.26    3767331.08        5.25136                      396998.26
3767331.08        5.39857
         397038.26    3767331.08        6.25485                      397078.26
3767331.08        7.30945
         397118.26    3767331.08        7.03636                      397158.26
3767331.08        8.24535
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                  PAGE  49
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
397198.26	3767331.08	9.23010	397238.26	3767331.08	10.17591
397278.26	3767331.08	9.36360	397318.26	3767331.08	6.70764
397358.26	3767331.08	6.19360	397398.26	3767331.08	5.96948
397438.26	3767331.08	5.20181	397478.26	3767331.08	4.48156
397518.26	3767331.08	3.99039	397558.26	3767331.08	3.56712
397598.26	3767331.08	3.20048	397638.26	3767331.08	2.84594
397678.26	3767331.08	2.57477	397718.26	3767331.08	2.35375
396558.26	3767371.08	1.93569	396598.26	3767371.08	2.19037
396638.26	3767371.08	2.50758	396678.26	3767371.08	2.90809
396718.26	3767371.08	3.26280	396758.26	3767371.08	3.37291
396798.26	3767371.08	3.53383	396838.26	3767371.08	3.84794
396878.26	3767371.08	4.46564	396918.26	3767371.08	4.50250
396958.26	3767371.08	4.50290	396998.26	3767371.08	4.48270
397038.26	3767371.08	4.32484	397078.26	3767371.08	4.30090
397118.26	3767371.08	4.24165	397158.26	3767371.08	6.47658

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         397198.26    3767371.08        6.63966                    397238.26
3767371.08        6.12302
         397278.26    3767371.08        6.14024                    397318.26
3767371.08        5.92701
         397358.26    3767371.08        5.59703                    397398.26
3767371.08        5.46703
         397438.26    3767371.08        4.90439                    397478.26
3767371.08        4.38678
         397518.26    3767371.08        3.93054                    397558.26
3767371.08        3.50534
         397598.26    3767371.08        3.09508                    397638.26
3767371.08        2.75837
         397678.26    3767371.08        2.40536                    397718.26
3767371.08        2.10113
         396558.26    3767411.08        1.84840                    396598.26
3767411.08        2.11141
         396638.26    3767411.08        2.42558                    396678.26
3767411.08        2.76645
         396718.26    3767411.08        3.09077                    396758.26
3767411.08        3.21301
         396798.26    3767411.08        3.21392                    396838.26
3767411.08        3.49016
         396878.26    3767411.08        4.01060                    396918.26
3767411.08        4.04895
         396958.26    3767411.08        3.68278                    396998.26
3767411.08        3.56997
         397038.26    3767411.08        3.55272                    397078.26
3767411.08        3.21132
         397118.26    3767411.08        3.41722                    397158.26
3767411.08        4.33379
         397198.26    3767411.08        4.76325                    397238.26
3767411.08        5.06728
         397278.26    3767411.08        5.29985                    397318.26
3767411.08        5.10038
         397358.26    3767411.08        4.95648                    397398.26
3767411.08        4.90834
         397438.26    3767411.08        4.53708                    397478.26
3767411.08        4.15972
         397518.26    3767411.08        3.79057                    397558.26
3767411.08        3.42040
         397598.26    3767411.08        3.05180                    397638.26
3767411.08        2.72755
         397678.26    3767411.08        2.39069                    397718.26
3767411.08        2.03529
         396558.26    3767451.08        1.75865                    396598.26
3767451.08        2.00437
         396638.26    3767451.08        2.29443                    396678.26
3767451.08        2.54484
         396718.26    3767451.08        2.72836                    396758.26
3767451.08        2.92320
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
396798.26	3767451.08	2.98145	396838.26	3767451.08	3.30244
396878.26	3767451.08	3.50530	396918.26	3767451.08	3.26769
396958.26	3767451.08	3.23069	396998.26	3767451.08	2.97274
397038.26	3767451.08	2.63819	397078.26	3767451.08	2.58990
397118.26	3767451.08	2.91726	397158.26	3767451.08	3.59767
397198.26	3767451.08	3.84876	397238.26	3767451.08	4.38691
397278.26	3767451.08	4.35439	397318.26	3767451.08	4.57363
397358.26	3767451.08	4.37554	397398.26	3767451.08	4.37195
397438.26	3767451.08	4.19262	397478.26	3767451.08	3.89637
397518.26	3767451.08	3.57130	397558.26	3767451.08	3.25239
397598.26	3767451.08	2.92582	397638.26	3767451.08	2.62375

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        397678.26    3767451.08        2.33947                    397718.26
3767451.08        2.06307
        396558.26    3767491.08        1.65776                    396598.26
3767491.08        1.84156
        396638.26    3767491.08        1.99801                    396678.26
3767491.08        2.22069
        396718.26    3767491.08        2.47051                    396758.26
3767491.08        2.74426
        396798.26    3767491.08        2.74753                    396838.26
3767491.08        2.78267
        396878.26    3767491.08        2.90437                    396918.26
3767491.08        3.02184
        396958.26    3767491.08        2.79195                    396998.26
3767491.08        2.41517
        397038.26    3767491.08        2.34944                    397078.26
3767491.08        2.34929
        397118.26    3767491.08        2.58404                    397158.26
3767491.08        3.01206
        397198.26    3767491.08        3.40691                    397238.26
3767491.08        3.72230
        397278.26    3767491.08        3.92822                    397318.26
3767491.08        3.94754
        397358.26    3767491.08        4.01348                    397398.26
3767491.08        3.86885
        397438.26    3767491.08        3.77235                    397478.26
3767491.08        3.62559
        397518.26    3767491.08        3.36091                    397558.26
3767491.08        3.04799
        397598.26    3767491.08        2.74903                    397638.26
3767491.08        2.48759
        397678.26    3767491.08        2.23258                    397718.26
3767491.08        1.97213
        396558.26    3767531.08        1.52948                    396598.26
3767531.08        1.67358
        396638.26    3767531.08        1.84051                    396678.26
3767531.08        2.02409
        396718.26    3767531.08        2.25582                    396758.26
3767531.08        2.40713
        396798.26    3767531.08        2.27522                    396838.26
3767531.08        2.50689
        396878.26    3767531.08        2.67746                    396918.26
3767531.08        2.57596
        396958.26    3767531.08        2.34520                    396998.26
3767531.08        2.28903
        397038.26    3767531.08        2.23089                    397078.26
3767531.08        2.25881
        397118.26    3767531.08        2.46072                    397158.26
3767531.08        2.74262
        397198.26    3767531.08        3.06790                    397238.26
3767531.08        3.17925
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         397278.26    3767531.08        3.56018                      397318.26
3767531.08        3.53068
         397358.26    3767531.08        3.59929                      397398.26
3767531.08        3.53922
         397438.26    3767531.08        3.45900                      397478.26
3767531.08        3.31501
         397518.26    3767531.08        3.12949                      397558.26
3767531.08        2.85744
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  51
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        2.56729                      397638.26
3767531.08        2.32971
         397678.26    3767531.08        2.10995                      397718.26
3767531.08        1.87511
         397320.82    3767219.11       14.79927                      397330.82
3767209.11       16.10277
         397340.82    3767189.11       17.88768                      397340.82
3767199.11       17.40522
         397340.82    3767209.11       15.28538                      397350.82
3767189.11       18.07895
         397350.82    3767199.11       16.77224                      397360.82
3767189.11       15.56923
         397360.82    3767199.11       14.84752                      397370.82
3767189.11       10.97255
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         397380.82    3767189.11        9.04359                      396934.73
3767169.52        6.50932
         397014.53    3767229.60       12.46787                      397044.10
3767223.97       11.85116
         397113.57    3767239.93        9.03781                      397158.63
3767280.29        9.64917
         397168.95    3767307.05        6.36440                      397244.05
3767296.72        9.48440
         397260.95    3767278.88        7.75740                      397409.74
3767205.66        7.32393
         397422.89    3767189.23        7.56248                      397426.64
3767180.78        7.65568
         397420.54    3767170.46        7.94922                      397318.68
3767160.13       16.78136
         397022.98    3767083.62       14.59033                      396920.42
3767167.32        6.17666
         396989.95    3767243.54       10.52030                      397044.10
3767223.97       11.85116
         397113.57    3767239.93        9.03781                      397158.63
3767280.29        9.64917
         397168.95    3767307.05        6.36440                      397244.05
3767296.72        9.48440
         397260.95    3767278.88        7.75740                      397409.74
3767205.66        7.32393
         397422.89    3767189.23        7.56248                      397426.64
3767180.78        7.65568
         397420.54    3767170.46        7.94922                      397318.68
3767160.13       16.78136
         397022.98    3767083.62       14.59033

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  52
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** 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
396558.26	3766771.08	1.38270	396598.26	3766771.08	1.59168
396638.26	3766771.08	1.91217	396678.26	3766771.08	2.34371
396718.26	3766771.08	2.83141	396758.26	3766771.08	3.07130
396798.26	3766771.08	3.16963	396838.26	3766771.08	3.64036
396878.26	3766771.08	3.90391	396918.26	3766771.08	4.10203
396958.26	3766771.08	4.46253	396998.26	3766771.08	4.50770
397038.26	3766771.08	4.30874	397078.26	3766771.08	3.91995
397118.26	3766771.08	3.44821	397158.26	3766771.08	3.25738
397198.26	3766771.08	3.19391	397238.26	3766771.08	2.81020
397278.26	3766771.08	2.74188	397318.26	3766771.08	2.74475
397358.26	3766771.08	2.87101	397398.26	3766771.08	2.85081
397438.26	3766771.08	2.70917	397478.26	3766771.08	2.67807
397518.26	3766771.08	2.58063	397558.26	3766771.08	2.41574
397598.26	3766771.08	2.31171	397638.26	3766771.08	2.16001
397678.26	3766771.08	1.95698	397718.26	3766771.08	1.78379
396558.26	3766811.08	1.43697	396598.26	3766811.08	1.71444
396638.26	3766811.08	2.05706	396678.26	3766811.08	2.44044
396718.26	3766811.08	2.82082	396758.26	3766811.08	3.16683
396798.26	3766811.08	3.45661	396838.26	3766811.08	3.75565
396878.26	3766811.08	4.28162	396918.26	3766811.08	4.52489
396958.26	3766811.08	4.82155	396998.26	3766811.08	5.06629

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         397038.26    3766811.08        4.87836                      397078.26
3766811.08        4.43573
         397118.26    3766811.08        4.10968                      397158.26
3766811.08        3.72485
         397198.26    3766811.08        3.64905                      397238.26
3766811.08        3.00081
         397278.26    3766811.08        3.08300                      397318.26
3766811.08        3.18664
         397358.26    3766811.08        3.19111                      397398.26
3766811.08        3.05991
         397438.26    3766811.08        3.03618                      397478.26
3766811.08        2.96322
         397518.26    3766811.08        2.85784                      397558.26
3766811.08        2.72620
         397598.26    3766811.08        2.54446                      397638.26
3766811.08        2.36511
         397678.26    3766811.08        2.16409                      397718.26
3766811.08        1.99302
         396558.26    3766851.08        1.43752                      396598.26
3766851.08        1.71457
         396638.26    3766851.08        2.09193                      396678.26
3766851.08        2.48121
         396718.26    3766851.08        2.79220                      396758.26
3766851.08        3.16191
         396798.26    3766851.08        3.70062                      396838.26
3766851.08        4.03631
         396878.26    3766851.08        4.46385                      396918.26
3766851.08        4.95077
         396958.26    3766851.08        5.15697                      396998.26
3766851.08        5.54662
         397038.26    3766851.08        5.46250                      397078.26
3766851.08        5.14900
         397118.26    3766851.08        4.85137                      397158.26
3766851.08        4.30188
         397198.26    3766851.08        4.11359                      397238.26
3766851.08        3.55837
         397278.26    3766851.08        3.58937                      397318.26
3766851.08        3.52887
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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                                   PAGE  53
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        3.44805                       397398.26
3766851.08        3.35840
         397438.26    3766851.08        3.38123                       397478.26
3766851.08        3.31729
         397518.26    3766851.08        3.15983                       397558.26
3766851.08        3.00147
         397598.26    3766851.08        2.84386                       397638.26
3766851.08        2.62826
         397678.26    3766851.08        2.42484                       397718.26
3766851.08        2.24699
         396558.26    3766891.08        1.54369                       396598.26
3766891.08        1.75088
         396638.26    3766891.08        2.03878                       396678.26
3766891.08        2.53049
         396718.26    3766891.08        2.97294                       396758.26
3766891.08        3.30297
         396798.26    3766891.08        3.71174                       396838.26
3766891.08        4.33068
         396878.26    3766891.08        4.71916                       396918.26
3766891.08        5.19006
         396958.26    3766891.08        5.58596                       396998.26
3766891.08        5.86287
         397038.26    3766891.08        6.07603                       397078.26
3766891.08        6.00582
         397118.26    3766891.08        5.61578                       397158.26
3766891.08        4.79199
         397198.26    3766891.08        4.62094                       397238.26
3766891.08        4.20160
         397278.26    3766891.08        4.28875                       397318.26
3766891.08        4.10270
         397358.26    3766891.08        3.82488                       397398.26
3766891.08        3.77440
         397438.26    3766891.08        3.77316                       397478.26
3766891.08        3.64449
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         397518.26    3766891.08        3.52830                      397558.26
3766891.08        3.35656
         397598.26    3766891.08        3.11570                      397638.26
3766891.08        2.93458
         397678.26    3766891.08        2.66418                      397718.26
3766891.08        2.33891
         396558.26    3766931.08        1.52986                      396598.26
3766931.08        1.81923
         396638.26    3766931.08        2.16184                      396678.26
3766931.08        2.44797
         396718.26    3766931.08        2.92619                      396758.26
3766931.08        3.49243
         396798.26    3766931.08        3.91009                      396838.26
3766931.08        4.31777
         396878.26    3766931.08        5.00612                      396918.26
3766931.08        5.36856
         396958.26    3766931.08        6.00971                      396998.26
3766931.08        6.30985
         397038.26    3766931.08        6.87546                      397078.26
3766931.08        6.95395
         397118.26    3766931.08        6.74678                      397158.26
3766931.08        5.87565
         397198.26    3766931.08        5.41138                      397238.26
3766931.08        5.12839
         397278.26    3766931.08        5.05063                      397318.26
3766931.08        4.67330
         397358.26    3766931.08        4.80578                      397398.26
3766931.08        4.59706
         397438.26    3766931.08        4.24017                      397478.26
3766931.08        4.11438
         397518.26    3766931.08        3.98532                      397558.26
3766931.08        3.73841
         397598.26    3766931.08        3.47332                      397638.26
3766931.08        3.13385
         397678.26    3766931.08        2.78446                      397718.26
3766931.08        2.55088
         396558.26    3766971.08        1.44125                      396598.26
3766971.08        1.71116
         396638.26    3766971.08        2.08268                      396678.26
3766971.08        2.49658
         396718.26    3766971.08        2.92810                      396758.26
3766971.08        3.32457
         396798.26    3766971.08        3.99447                      396838.26
3766971.08        4.57752
         396878.26    3766971.08        4.98732                      396918.26
3766971.08        5.80110
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
396958.26	3766971.08	6.23943	396998.26	3766971.08	7.08823
397038.26	3766971.08	7.68105	397078.26	3766971.08	8.08157
397118.26	3766971.08	7.97093	397158.26	3766971.08	7.07851
397198.26	3766971.08	6.46832	397238.26	3766971.08	6.33956
397278.26	3766971.08	5.90349	397318.26	3766971.08	5.52399
397358.26	3766971.08	5.65474	397398.26	3766971.08	5.48475
397438.26	3766971.08	5.05376	397478.26	3766971.08	4.66118
397518.26	3766971.08	4.43399	397558.26	3766971.08	4.06490
397598.26	3766971.08	3.64805	397638.26	3766971.08	3.32044
397678.26	3766971.08	2.87993	397718.26	3766971.08	2.65873
396558.26	3767011.08	1.43660	396598.26	3767011.08	1.62534
396638.26	3767011.08	1.97705	396678.26	3767011.08	2.31947
396718.26	3767011.08	2.77354	396758.26	3767011.08	3.32471

396798.26 3767011.08 3.85358 396838.26
3767011.08 4.48946
396878.26 3767011.08 5.30446 396918.26
3767011.08 5.87090
396958.26 3767011.08 6.86583 396998.26
3767011.08 7.68620
397038.26 3767011.08 8.52898 397078.26
3767011.08 10.16577
397118.26 3767011.08 10.81104 397158.26
3767011.08 10.50049
397198.26 3767011.08 9.79436 397238.26
3767011.08 8.55765
397278.26 3767011.08 7.27351 397318.26
3767011.08 6.83833
397358.26 3767011.08 6.40421 397398.26
3767011.08 6.04243
397438.26 3767011.08 5.84177 397478.26
3767011.08 5.26511
397518.26 3767011.08 4.72946 397558.26
3767011.08 4.30773
397598.26 3767011.08 3.79406 397638.26
3767011.08 3.43214
397678.26 3767011.08 3.01953 397718.26
3767011.08 2.77051
396558.26 3767051.08 1.51318 396598.26
3767051.08 1.71335
396638.26 3767051.08 1.94761 396678.26
3767051.08 2.21316
396718.26 3767051.08 2.60323 396758.26
3767051.08 3.07766
396798.26 3767051.08 3.61254 396838.26
3767051.08 4.33791
396878.26 3767051.08 5.09348 396918.26
3767051.08 6.27478
396958.26 3767051.08 7.12688 396998.26
3767051.08 9.49606
397038.26 3767051.08 15.06211 397078.26
3767051.08 12.03490
397118.26 3767051.08 12.32793 397158.26
3767051.08 11.40736
397198.26 3767051.08 11.42985 397238.26
3767051.08 10.81293
397278.26 3767051.08 9.99022 397318.26
3767051.08 8.52451
397358.26 3767051.08 7.41856 397398.26
3767051.08 6.75218
397438.26 3767051.08 6.26924 397478.26
3767051.08 5.74431
397518.26 3767051.08 5.14433 397558.26
3767051.08 4.61001

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** 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
 -
- -
         396558.26   3767091.08   1.60405   396598.26
3767091.08   1.82898
         396638.26   3767091.08   2.03116   396678.26
3767091.08   2.29256
         396718.26   3767091.08   2.60471   396758.26
3767091.08   2.96429
         396798.26   3767091.08   3.36443   396838.26
3767091.08   4.01150
         396878.26   3767091.08   4.76991   396918.26
3767091.08   5.89304
         396958.26   3767091.08   7.36603   396998.26
3767091.08   14.56502
         397078.26   3767091.08   11.08755   397118.26
3767091.08   11.12545
         397158.26   3767091.08   11.92945   397198.26
3767091.08   12.19014
         397238.26   3767091.08   11.87244   397278.26
3767091.08   12.56672

397318.26 3767091.08 12.52782 397358.26
3767091.08 8.27348
397398.26 3767091.08 7.29469 397438.26
3767091.08 6.53490
397478.26 3767091.08 5.86571 397518.26
3767091.08 5.24714
397558.26 3767091.08 4.59816 397598.26
3767091.08 4.13622
397638.26 3767091.08 3.62768 397678.26
3767091.08 3.17704
397718.26 3767091.08 2.82928 396558.26
3767131.08 1.70516
396598.26 3767131.08 1.94946 396638.26
3767131.08 2.18136
396678.26 3767131.08 2.38061 396718.26
3767131.08 2.65669
396758.26 3767131.08 3.03336 396798.26
3767131.08 3.40334
396838.26 3767131.08 3.89950 396878.26
3767131.08 4.55316
396918.26 3767131.08 5.32986 396958.26
3767131.08 8.86547
397238.26 3767131.08 12.59254 397278.26
3767131.08 12.94920
397318.26 3767131.08 15.00681 397358.26
3767131.08 10.45830
397398.26 3767131.08 7.63578 397438.26
3767131.08 6.55479
397478.26 3767131.08 5.76550 397518.26
3767131.08 5.14961
397558.26 3767131.08 4.55002 397598.26
3767131.08 4.05740
397638.26 3767131.08 3.60929 397678.26
3767131.08 3.13901
397718.26 3767131.08 2.74196 396558.26
3767171.08 1.84222
396598.26 3767171.08 2.07725 396638.26
3767171.08 2.33623
396678.26 3767171.08 2.52624 396718.26
3767171.08 2.74984
396758.26 3767171.08 3.09049 396798.26
3767171.08 3.55202
396838.26 3767171.08 4.10861 396878.26
3767171.08 4.88330
396918.26 3767171.08 5.80263 397438.26
3767171.08 6.41766
397478.26 3767171.08 5.63650 397518.26
3767171.08 5.01013
397558.26 3767171.08 4.47214 397598.26
3767171.08 3.94756

397638.26 3767171.08 3.48423 397678.26 3767171.08 3.06709
397718.26 3767171.08 2.69329 396558.26 3767211.08 1.89868
396598.26 3767211.08 2.16741 396638.26 3767211.08 2.43905
396678.26 3767211.08 2.74406 396718.26 3767211.08 2.88292
396758.26 3767211.08 3.18095 396798.26 3767211.08 3.63761
396838.26 3767211.08 4.31503 396878.26 3767211.08 5.15477

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
396918.26	3767211.08	6.33894	396958.26	3767211.08	7.51262
397438.26	3767211.08	5.76744	397478.26	3767211.08	5.11209
397518.26	3767211.08	4.64566	397558.26	3767211.08	4.18298
397598.26	3767211.08	3.73491	397638.26	3767211.08	3.30462
397678.26	3767211.08	2.90787	397718.26	3767211.08	2.54017

396558.26 3767251.08 2.05547 396598.26
3767251.08 2.32636
396638.26 3767251.08 2.63796 396678.26
3767251.08 2.97924
396718.26 3767251.08 3.15808 396758.26
3767251.08 3.28873
396798.26 3767251.08 3.69611 396838.26
3767251.08 4.27205
396878.26 3767251.08 5.24739 396918.26
3767251.08 6.21318
396958.26 3767251.08 6.90365 396998.26
3767251.08 9.39035
397038.26 3767251.08 5.66065 397078.26
3767251.08 5.39510
397118.26 3767251.08 8.36703 397318.26
3767251.08 10.40110
397358.26 3767251.08 6.87457 397398.26
3767251.08 5.94825
397438.26 3767251.08 5.26008 397478.26
3767251.08 4.66251
397518.26 3767251.08 4.29092 397558.26
3767251.08 3.91931
397598.26 3767251.08 3.56096 397638.26
3767251.08 3.18962
397678.26 3767251.08 2.83033 397718.26
3767251.08 2.49831
396558.26 3767291.08 2.02752 396598.26
3767291.08 2.32815
396638.26 3767291.08 2.66055 396678.26
3767291.08 3.03431
396718.26 3767291.08 3.40530 396758.26
3767291.08 3.31829
396798.26 3767291.08 3.59155 396838.26
3767291.08 4.07301
396878.26 3767291.08 5.15160 396918.26
3767291.08 5.53772
396958.26 3767291.08 6.00140 396998.26
3767291.08 6.77875
397038.26 3767291.08 9.37776 397078.26
3767291.08 5.54298
397118.26 3767291.08 5.19407 397158.26
3767291.08 8.29048
397278.26 3767291.08 9.89566 397318.26
3767291.08 8.65103
397358.26 3767291.08 6.44492 397398.26
3767291.08 5.96453
397438.26 3767291.08 5.15494 397478.26
3767291.08 4.39109
397518.26 3767291.08 3.91544 397558.26
3767291.08 3.55537

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         397598.26    3767291.08        3.20481                      397638.26
3767291.08        2.90683
         397678.26    3767291.08        2.67151                      397718.26
3767291.08        2.38822
         396558.26    3767331.08        1.94671                      396598.26
3767331.08        2.20627
         396638.26    3767331.08        2.48379                      396678.26
3767331.08        2.85170
         396718.26    3767331.08        3.23945                      396758.26
3767331.08        3.26436
         396798.26    3767331.08        3.46092                      396838.26
3767331.08        3.93181
         396878.26    3767331.08        4.78614                      396918.26
3767331.08        4.87516
         396958.26    3767331.08        4.92646                      396998.26
3767331.08        5.25092
         397038.26    3767331.08        5.70029                      397078.26
3767331.08        6.76508
         397118.26    3767331.08        6.84923                      397158.26
3767331.08        8.19120
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** 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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3767331.08       10.00031
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         397278.26    3767331.08        9.22568                    397318.26
3767331.08        6.65081
         397358.26    3767331.08        6.09829                    397398.26
3767331.08        5.89321
         397438.26    3767331.08        5.10717                    397478.26
3767331.08        4.40201
         397518.26    3767331.08        3.86522                    397558.26
3767331.08        3.48607
         397598.26    3767331.08        3.11340                    397638.26
3767331.08        2.73899
         397678.26    3767331.08        2.43793                    397718.26
3767331.08        2.18466
         396558.26    3767371.08        1.85518                    396598.26
3767371.08        2.10105
         396638.26    3767371.08        2.38209                    396678.26
3767371.08        2.74705
         396718.26    3767371.08        3.11359                    396758.26
3767371.08        3.22957
         396798.26    3767371.08        3.34950                    396838.26
3767371.08        3.56658
         396878.26    3767371.08        4.19287                    396918.26
3767371.08        4.33688
         396958.26    3767371.08        4.31382                    396998.26
3767371.08        4.23071
         397038.26    3767371.08        4.09374                    397078.26
3767371.08        4.00318
         397118.26    3767371.08        4.13219                    397158.26
3767371.08        6.34276
         397198.26    3767371.08        6.48162                    397238.26
3767371.08        5.97673
         397278.26    3767371.08        6.10134                    397318.26
3767371.08        5.84791
         397358.26    3767371.08        5.54417                    397398.26
3767371.08        5.39931
         397438.26    3767371.08        4.81906                    397478.26
3767371.08        4.31358
         397518.26    3767371.08        3.86352                    397558.26
3767371.08        3.42926
         397598.26    3767371.08        3.02880                    397638.26
3767371.08        2.67051
         397678.26    3767371.08        2.33633                    397718.26
3767371.08        2.02988
         396558.26    3767411.08        1.77264                    396598.26
3767411.08        2.01363
         396638.26    3767411.08        2.32339                    396678.26
3767411.08        2.61338
         396718.26    3767411.08        2.89436                    396758.26
3767411.08        2.96613
         396798.26    3767411.08        3.01935                    396838.26
3767411.08        3.34876
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         396878.26    3767411.08        3.85391                      396918.26
3767411.08        3.79768
         396958.26    3767411.08        3.46212                      396998.26
3767411.08        3.31645
         397038.26    3767411.08        3.23172                      397078.26
3767411.08        3.05113
         397118.26    3767411.08        3.37095                      397158.26
3767411.08        4.24577
         397198.26    3767411.08        4.65078                      397238.26
3767411.08        5.02335
         397278.26    3767411.08        5.19724                      397318.26
3767411.08        5.06597
         397358.26    3767411.08        4.88606                      397398.26
3767411.08        4.85481
         397438.26    3767411.08        4.48071                      397478.26
3767411.08        4.07540
         397518.26    3767411.08        3.71434                      397558.26
3767411.08        3.35372
         397598.26    3767411.08        3.00321                      397638.26
3767411.08        2.63311
         397678.26    3767411.08        2.32269                      397718.26
3767411.08        1.98268
         396558.26    3767451.08        1.69660                      396598.26
3767451.08        1.91427
         396638.26    3767451.08        2.15877                      396678.26
3767451.08        2.36210
         396718.26    3767451.08        2.59358                      396758.26
3767451.08        2.79300
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** 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
396798.26	3767451.08	2.87202	396838.26	3767451.08	3.09315
396878.26	3767451.08	3.26581	396918.26	3767451.08	3.13562
396958.26	3767451.08	2.94468	396998.26	3767451.08	2.67366
397038.26	3767451.08	2.45610	397078.26	3767451.08	2.37132
397118.26	3767451.08	2.88794	397158.26	3767451.08	3.50468
397198.26	3767451.08	3.79817	397238.26	3767451.08	4.30835
397278.26	3767451.08	4.30840	397318.26	3767451.08	4.50045
397358.26	3767451.08	4.32070	397398.26	3767451.08	4.31148
397438.26	3767451.08	4.13473	397478.26	3767451.08	3.83872
397518.26	3767451.08	3.51578	397558.26	3767451.08	3.17570
397598.26	3767451.08	2.86161	397638.26	3767451.08	2.57201
397678.26	3767451.08	2.29905	397718.26	3767451.08	1.99292
396558.26	3767491.08	1.57607	396598.26	3767491.08	1.74292
396638.26	3767491.08	1.92609	396678.26	3767491.08	2.12857
396718.26	3767491.08	2.37949	396758.26	3767491.08	2.61555
396798.26	3767491.08	2.54921	396838.26	3767491.08	2.59383
396878.26	3767491.08	2.76454	396918.26	3767491.08	2.72624
396958.26	3767491.08	2.47592	396998.26	3767491.08	2.20752
397038.26	3767491.08	2.08358	397078.26	3767491.08	2.10009
397118.26	3767491.08	2.49726	397158.26	3767491.08	2.92874
397198.26	3767491.08	3.34149	397238.26	3767491.08	3.62428
397278.26	3767491.08	3.87509	397318.26	3767491.08	3.82379

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         397358.26    3767491.08        3.95419                      397398.26
3767491.08        3.81323
         397438.26    3767491.08        3.72071                      397478.26
3767491.08        3.57476
         397518.26    3767491.08        3.31041                      397558.26
3767491.08        3.00160
         397598.26    3767491.08        2.69000                      397638.26
3767491.08        2.42644
         397678.26    3767491.08        2.17674                      397718.26
3767491.08        1.93240
         396558.26    3767531.08        1.44601                      396598.26
3767531.08        1.60997
         396638.26    3767531.08        1.79287                      396678.26
3767531.08        1.95645
         396718.26    3767531.08        2.11272                      396758.26
3767531.08        2.22753
         396798.26    3767531.08        2.15798                      396838.26
3767531.08        2.37229
         396878.26    3767531.08        2.42671                      396918.26
3767531.08        2.28165
         396958.26    3767531.08        2.06773                      396998.26
3767531.08        1.98034
         397038.26    3767531.08        1.91926                      397078.26
3767531.08        1.99535
         397118.26    3767531.08        2.28550                      397158.26
3767531.08        2.58836
         397198.26    3767531.08        3.01347                      397238.26
3767531.08        3.10583
         397278.26    3767531.08        3.48037                      397318.26
3767531.08        3.48448
         397358.26    3767531.08        3.47381                      397398.26
3767531.08        3.49306
         397438.26    3767531.08        3.40475                      397478.26
3767531.08        3.26792
         397518.26    3767531.08        3.08225                      397558.26
3767531.08        2.81981
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  59
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        2.52235                       397638.26
3767531.08        2.28556
         397678.26    3767531.08        2.06290                       397718.26
3767531.08        1.83425
         397320.82    3767219.11       13.31722                       397330.82
3767209.11       14.08050
         397340.82    3767189.11       15.54743                       397340.82
3767199.11       14.84699
         397340.82    3767209.11       13.67084                       397350.82
3767189.11       15.48772
         397350.82    3767199.11       14.41985                       397360.82
3767189.11       13.73080
         397360.82    3767199.11       12.81003                       397370.82
3767189.11        9.73334
         397380.82    3767189.11        7.94978                       396934.73
3767169.52        6.11243
         397014.53    3767229.60       11.68058                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
         397260.95    3767278.88        7.61021                       397409.74
3767205.66        6.71162
         397422.89    3767189.23        6.67146                       397426.64
3767180.78        6.67115
         397420.54    3767170.46        6.87814                       397318.68
3767160.13       13.86529
         397022.98    3767083.62       14.46744                       396920.42
3767167.32        5.80250
         396989.95    3767243.54        9.87536                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** 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
396558.26	3766771.08	1.38270	396598.26	3766771.08	1.59168
396638.26	3766771.08	1.91217	396678.26	3766771.08	2.34371
396718.26	3766771.08	2.83141	396758.26	3766771.08	3.07130
396798.26	3766771.08	3.16963	396838.26	3766771.08	3.64036
396878.26	3766771.08	3.90391	396918.26	3766771.08	4.10203
396958.26	3766771.08	4.46253	396998.26	3766771.08	4.50770
397038.26	3766771.08	4.30874	397078.26	3766771.08	3.91995
397260.95	3767278.88	7.61021	397409.74	3767205.66	6.71162
397422.89	3767189.23	6.67146	397426.64	3767180.78	6.67115
397420.54	3767170.46	6.87814	397318.68	3767160.13	13.86529
397022.98	3767083.62	14.46744			

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         397118.26    3766771.08        3.44821                    397158.26
3766771.08        3.25738
         397198.26    3766771.08        3.19391                    397238.26
3766771.08        2.81020
         397278.26    3766771.08        2.74188                    397318.26
3766771.08        2.74475
         397358.26    3766771.08        2.87101                    397398.26
3766771.08        2.85081
         397438.26    3766771.08        2.70917                    397478.26
3766771.08        2.67807
         397518.26    3766771.08        2.58063                    397558.26
3766771.08        2.41574
         397598.26    3766771.08        2.31171                    397638.26
3766771.08        2.16001
         397678.26    3766771.08        1.95698                    397718.26
3766771.08        1.78379
         396558.26    3766811.08        1.43697                    396598.26
3766811.08        1.71444
         396638.26    3766811.08        2.05706                    396678.26
3766811.08        2.44044
         396718.26    3766811.08        2.82082                    396758.26
3766811.08        3.16683
         396798.26    3766811.08        3.45661                    396838.26
3766811.08        3.75565
         396878.26    3766811.08        4.28162                    396918.26
3766811.08        4.52489
         396958.26    3766811.08        4.82155                    396998.26
3766811.08        5.06629
         397038.26    3766811.08        4.87836                    397078.26
3766811.08        4.43573
         397118.26    3766811.08        4.10968                    397158.26
3766811.08        3.72485
         397198.26    3766811.08        3.64905                    397238.26
3766811.08        3.00081
         397278.26    3766811.08        3.08300                    397318.26
3766811.08        3.18664
         397358.26    3766811.08        3.19111                    397398.26
3766811.08        3.05991
         397438.26    3766811.08        3.03618                    397478.26
3766811.08        2.96322
         397518.26    3766811.08        2.85784                    397558.26
3766811.08        2.72620
         397598.26    3766811.08        2.54446                    397638.26
3766811.08        2.36511
         397678.26    3766811.08        2.16409                    397718.26
3766811.08        1.99302
         396558.26    3766851.08        1.43752                    396598.26
3766851.08        1.71457
         396638.26    3766851.08        2.09193                    396678.26
3766851.08        2.48121
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         396718.26    3766851.08        2.79220                      396758.26
3766851.08        3.16191
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3766851.08        4.03631
         396878.26    3766851.08        4.46385                      396918.26
3766851.08        4.95077
         396958.26    3766851.08        5.15697                      396998.26
3766851.08        5.54662
         397038.26    3766851.08        5.46250                      397078.26
3766851.08        5.14900
         397118.26    3766851.08        4.85137                      397158.26
3766851.08        4.30188
         397198.26    3766851.08        4.11359                      397238.26
3766851.08        3.55837
         397278.26    3766851.08        3.58937                      397318.26
3766851.08        3.52887
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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):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        3.44805                      397398.26
3766851.08        3.35840
         397438.26    3766851.08        3.38123                      397478.26
3766851.08        3.31729
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3766851.08        3.00147
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3766851.08        2.24699
         396558.26    3766891.08        1.54369                    396598.26
3766891.08        1.75088
         396638.26    3766891.08        2.03878                    396678.26
3766891.08        2.53049
         396718.26    3766891.08        2.97294                    396758.26
3766891.08        3.30297
         396798.26    3766891.08        3.71174                    396838.26
3766891.08        4.33068
         396878.26    3766891.08        4.71916                    396918.26
3766891.08        5.19006
         396958.26    3766891.08        5.58596                    396998.26
3766891.08        5.86287
         397038.26    3766891.08        6.07603                    397078.26
3766891.08        6.00582
         397118.26    3766891.08        5.61578                    397158.26
3766891.08        4.79199
         397198.26    3766891.08        4.62094                    397238.26
3766891.08        4.20160
         397278.26    3766891.08        4.28875                    397318.26
3766891.08        4.10270
         397358.26    3766891.08        3.82488                    397398.26
3766891.08        3.77440
         397438.26    3766891.08        3.77316                    397478.26
3766891.08        3.64449
         397518.26    3766891.08        3.52830                    397558.26
3766891.08        3.35656
         397598.26    3766891.08        3.11570                    397638.26
3766891.08        2.93458
         397678.26    3766891.08        2.66418                    397718.26
3766891.08        2.33891
         396558.26    3766931.08        1.52986                    396598.26
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         396638.26    3766931.08        2.16184                    396678.26
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         396718.26    3766931.08        2.92619                    396758.26
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         396798.26    3766931.08        3.91009                    396838.26
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         396958.26    3766931.08        6.00971                    396998.26
3766931.08        6.30985
         397038.26    3766931.08        6.87546                    397078.26
3766931.08        6.95395
         397118.26    3766931.08        6.74678                    397158.26
3766931.08        5.87565
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3766931.08        5.12839
         397278.26    3766931.08        5.05063                      397318.26
3766931.08        4.67330
         397358.26    3766931.08        4.80578                      397398.26
3766931.08        4.59706
         397438.26    3766931.08        4.24017                      397478.26
3766931.08        4.11438
         397518.26    3766931.08        3.98532                      397558.26
3766931.08        3.73841
         397598.26    3766931.08        3.47332                      397638.26
3766931.08        3.13385
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3766931.08        2.55088
         396558.26    3766971.08        1.44125                      396598.26
3766971.08        1.71116
         396638.26    3766971.08        2.08268                      396678.26
3766971.08        2.49658
         396718.26    3766971.08        2.92810                      396758.26
3766971.08        3.32457
         396798.26    3766971.08        3.99447                      396838.26
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3766971.08        5.80110
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  62
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                             *** 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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- -
- -
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3766971.08 7.08823
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3766971.08 8.08157
397118.26 3766971.08 7.97093 397158.26
3766971.08 7.07851
397198.26 3766971.08 6.46832 397238.26
3766971.08 6.33956
397278.26 3766971.08 5.90349 397318.26
3766971.08 5.52399
397358.26 3766971.08 5.65474 397398.26
3766971.08 5.48475
397438.26 3766971.08 5.05376 397478.26
3766971.08 4.66118
397518.26 3766971.08 4.43399 397558.26
3766971.08 4.06490
397598.26 3766971.08 3.64805 397638.26
3766971.08 3.32044
397678.26 3766971.08 2.87993 397718.26
3766971.08 2.65873
396558.26 3767011.08 1.43660 396598.26
3767011.08 1.62534
396638.26 3767011.08 1.97705 396678.26
3767011.08 2.31947
396718.26 3767011.08 2.77354 396758.26
3767011.08 3.32471
396798.26 3767011.08 3.85358 396838.26
3767011.08 4.48946
396878.26 3767011.08 5.30446 396918.26
3767011.08 5.87090
396958.26 3767011.08 6.86583 396998.26
3767011.08 7.68620
397038.26 3767011.08 8.52898 397078.26
3767011.08 10.16577
397118.26 3767011.08 10.81104 397158.26
3767011.08 10.50049
397198.26 3767011.08 9.79436 397238.26
3767011.08 8.55765
397278.26 3767011.08 7.27351 397318.26
3767011.08 6.83833
397358.26 3767011.08 6.40421 397398.26
3767011.08 6.04243
397438.26 3767011.08 5.84177 397478.26
3767011.08 5.26511
397518.26 3767011.08 4.72946 397558.26
3767011.08 4.30773
397598.26 3767011.08 3.79406 397638.26
3767011.08 3.43214

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         397678.26    3767011.08        3.01953                      397718.26
3767011.08        2.77051
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3767051.08        1.71335
         396638.26    3767051.08        1.94761                      396678.26
3767051.08        2.21316
         396718.26    3767051.08        2.60323                      396758.26
3767051.08        3.07766
         396798.26    3767051.08        3.61254                      396838.26
3767051.08        4.33791
         396878.26    3767051.08        5.09348                      396918.26
3767051.08        6.27478
         396958.26    3767051.08        7.12688                      396998.26
3767051.08        9.49606
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3767051.08       12.03490
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         397198.26    3767051.08       11.42985                      397238.26
3767051.08       10.81293
         397278.26    3767051.08        9.99022                      397318.26
3767051.08        8.52451
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         397598.26    3767051.08        4.08241                      397638.26
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:32:54

                                   PAGE  63
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,
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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
396558.26	3767091.08	1.60405	396598.26	3767091.08	1.82898
396638.26	3767091.08	2.03116	396678.26	3767091.08	2.29256
396718.26	3767091.08	2.60471	396758.26	3767091.08	2.96429
396798.26	3767091.08	3.36443	396838.26	3767091.08	4.01150
396878.26	3767091.08	4.76991	396918.26	3767091.08	5.89304
396958.26	3767091.08	7.36603	396998.26	3767091.08	14.56502
397078.26	3767091.08	11.08755	397118.26	3767091.08	11.12545
397158.26	3767091.08	11.92945	397198.26	3767091.08	12.19014
397238.26	3767091.08	11.87244	397278.26	3767091.08	12.56672
397318.26	3767091.08	12.52782	397358.26	3767091.08	8.27348
397398.26	3767091.08	7.29469	397438.26	3767091.08	6.53490
397478.26	3767091.08	5.86571	397518.26	3767091.08	5.24714
397558.26	3767091.08	4.59816	397598.26	3767091.08	4.13622
397638.26	3767091.08	3.62768	397678.26	3767091.08	3.17704
397718.26	3767091.08	2.82928	396558.26	3767131.08	1.70516
396598.26	3767131.08	1.94946	396638.26	3767131.08	2.18136
396678.26	3767131.08	2.38061	396718.26	3767131.08	2.65669
396758.26	3767131.08	3.03336	396798.26	3767131.08	3.40334
396838.26	3767131.08	3.89950	396878.26	3767131.08	4.55316
396918.26	3767131.08	5.32986	396958.26	3767131.08	8.86547

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3767131.08        6.55479
         397478.26    3767131.08        5.76550                       397518.26
3767131.08        5.14961
         397558.26    3767131.08        4.55002                       397598.26
3767131.08        4.05740
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3767131.08        3.13901
         397718.26    3767131.08        2.74196                       396558.26
3767171.08        1.84222
         396598.26    3767171.08        2.07725                       396638.26
3767171.08        2.33623
         396678.26    3767171.08        2.52624                       396718.26
3767171.08        2.74984
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3767171.08        4.88330
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3767171.08        6.41766
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3767171.08        5.01013
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3767211.08        2.88292
         396758.26    3767211.08        3.18095                       396798.26
3767211.08        3.63761
         396838.26    3767211.08        4.31503                       396878.26
3767211.08        5.15477
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  64
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
396918.26	3767211.08	6.33894	396958.26	3767211.08	7.51262
397438.26	3767211.08	5.76744	397478.26	3767211.08	5.11209
397518.26	3767211.08	4.64566	397558.26	3767211.08	4.18298
397598.26	3767211.08	3.73491	397638.26	3767211.08	3.30462
397678.26	3767211.08	2.90787	397718.26	3767211.08	2.54017
396558.26	3767251.08	2.05547	396598.26	3767251.08	2.32636
396638.26	3767251.08	2.63796	396678.26	3767251.08	2.97924
396718.26	3767251.08	3.15808	396758.26	3767251.08	3.28873
396798.26	3767251.08	3.69611	396838.26	3767251.08	4.27205
396878.26	3767251.08	5.24739	396918.26	3767251.08	6.21318
396958.26	3767251.08	6.90365	396998.26	3767251.08	9.39035
397038.26	3767251.08	5.66065	397078.26	3767251.08	5.39510
397118.26	3767251.08	8.36703	397318.26	3767251.08	10.40110
397358.26	3767251.08	6.87457	397398.26	3767251.08	5.94825
397438.26	3767251.08	5.26008	397478.26	3767251.08	4.66251
397518.26	3767251.08	4.29092	397558.26	3767251.08	3.91931

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3767291.08        3.31829
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3767291.08        4.07301
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3767291.08        5.53772
         396958.26    3767291.08        6.00140                     396998.26
3767291.08        6.77875
         397038.26    3767291.08        9.37776                     397078.26
3767291.08        5.54298
         397118.26    3767291.08        5.19407                     397158.26
3767291.08        8.29048
         397278.26    3767291.08        9.89566                     397318.26
3767291.08        8.65103
         397358.26    3767291.08        6.44492                     397398.26
3767291.08        5.96453
         397438.26    3767291.08        5.15494                     397478.26
3767291.08        4.39109
         397518.26    3767291.08        3.91544                     397558.26
3767291.08        3.55537
         397598.26    3767291.08        3.20481                     397638.26
3767291.08        2.90683
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3767291.08        2.38822
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3767331.08        2.85170
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3767331.08        3.26436
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         396878.26    3767331.08        4.78614                     396918.26
3767331.08        4.87516
         396958.26    3767331.08        4.92646                     396998.26
3767331.08        5.25092
         397038.26    3767331.08        5.70029                     397078.26
3767331.08        6.76508
         397118.26    3767331.08        6.84923                     397158.26
3767331.08        8.19120
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** 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
397198.26	3767331.08	9.15168	397238.26	3767331.08	10.00031
397278.26	3767331.08	9.22568	397318.26	3767331.08	6.65081
397358.26	3767331.08	6.09829	397398.26	3767331.08	5.89321
397438.26	3767331.08	5.10717	397478.26	3767331.08	4.40201
397518.26	3767331.08	3.86522	397558.26	3767331.08	3.48607
397598.26	3767331.08	3.11340	397638.26	3767331.08	2.73899
397678.26	3767331.08	2.43793	397718.26	3767331.08	2.18466
396558.26	3767371.08	1.85518	396598.26	3767371.08	2.10105
396638.26	3767371.08	2.38209	396678.26	3767371.08	2.74705
396718.26	3767371.08	3.11359	396758.26	3767371.08	3.22957
396798.26	3767371.08	3.34950	396838.26	3767371.08	3.56658
396878.26	3767371.08	4.19287	396918.26	3767371.08	4.33688

396958.26 3767371.08 4.31382 396998.26
3767371.08 4.23071
397038.26 3767371.08 4.09374 397078.26
3767371.08 4.00318
397118.26 3767371.08 4.13219 397158.26
3767371.08 6.34276
397198.26 3767371.08 6.48162 397238.26
3767371.08 5.97673
397278.26 3767371.08 6.10134 397318.26
3767371.08 5.84791
397358.26 3767371.08 5.54417 397398.26
3767371.08 5.39931
397438.26 3767371.08 4.81906 397478.26
3767371.08 4.31358
397518.26 3767371.08 3.86352 397558.26
3767371.08 3.42926
397598.26 3767371.08 3.02880 397638.26
3767371.08 2.67051
397678.26 3767371.08 2.33633 397718.26
3767371.08 2.02988
396558.26 3767411.08 1.77264 396598.26
3767411.08 2.01363
396638.26 3767411.08 2.32339 396678.26
3767411.08 2.61338
396718.26 3767411.08 2.89436 396758.26
3767411.08 2.96613
396798.26 3767411.08 3.01935 396838.26
3767411.08 3.34876
396878.26 3767411.08 3.85391 396918.26
3767411.08 3.79768
396958.26 3767411.08 3.46212 396998.26
3767411.08 3.31645
397038.26 3767411.08 3.23172 397078.26
3767411.08 3.05113
397118.26 3767411.08 3.37095 397158.26
3767411.08 4.24577
397198.26 3767411.08 4.65078 397238.26
3767411.08 5.02335
397278.26 3767411.08 5.19724 397318.26
3767411.08 5.06597
397358.26 3767411.08 4.88606 397398.26
3767411.08 4.85481
397438.26 3767411.08 4.48071 397478.26
3767411.08 4.07540
397518.26 3767411.08 3.71434 397558.26
3767411.08 3.35372
397598.26 3767411.08 3.00321 397638.26
3767411.08 2.63311
397678.26 3767411.08 2.32269 397718.26
3767411.08 1.98268

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                      *** 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
 -
- -
         396798.26   3767451.08   2.87202   396838.26
3767451.08   3.09315
         396878.26   3767451.08   3.26581   396918.26
3767451.08   3.13562
         396958.26   3767451.08   2.94468   396998.26
3767451.08   2.67366
         397038.26   3767451.08   2.45610   397078.26
3767451.08   2.37132
         397118.26   3767451.08   2.88794   397158.26
3767451.08   3.50468
         397198.26   3767451.08   3.79817   397238.26
3767451.08   4.30835
         397278.26   3767451.08   4.30840   397318.26
3767451.08   4.50045
         397358.26   3767451.08   4.32070   397398.26
3767451.08   4.31148

```
         397438.26    3767451.08        4.13473                    397478.26
3767451.08        3.83872
         397518.26    3767451.08        3.51578                    397558.26
3767451.08        3.17570
         397598.26    3767451.08        2.86161                    397638.26
3767451.08        2.57201
         397678.26    3767451.08        2.29905                    397718.26
3767451.08        1.99292
         396558.26    3767491.08        1.57607                    396598.26
3767491.08        1.74292
         396638.26    3767491.08        1.92609                    396678.26
3767491.08        2.12857
         396718.26    3767491.08        2.37949                    396758.26
3767491.08        2.61555
         396798.26    3767491.08        2.54921                    396838.26
3767491.08        2.59383
         396878.26    3767491.08        2.76454                    396918.26
3767491.08        2.72624
         396958.26    3767491.08        2.47592                    396998.26
3767491.08        2.20752
         397038.26    3767491.08        2.08358                    397078.26
3767491.08        2.10009
         397118.26    3767491.08        2.49726                    397158.26
3767491.08        2.92874
         397198.26    3767491.08        3.34149                    397238.26
3767491.08        3.62428
         397278.26    3767491.08        3.87509                    397318.26
3767491.08        3.82379
         397358.26    3767491.08        3.95419                    397398.26
3767491.08        3.81323
         397438.26    3767491.08        3.72071                    397478.26
3767491.08        3.57476
         397518.26    3767491.08        3.31041                    397558.26
3767491.08        3.00160
         397598.26    3767491.08        2.69000                    397638.26
3767491.08        2.42644
         397678.26    3767491.08        2.17674                    397718.26
3767491.08        1.93240
         396558.26    3767531.08        1.44601                    396598.26
3767531.08        1.60997
         396638.26    3767531.08        1.79287                    396678.26
3767531.08        1.95645
         396718.26    3767531.08        2.11272                    396758.26
3767531.08        2.22753
         396798.26    3767531.08        2.15798                    396838.26
3767531.08        2.37229
         396878.26    3767531.08        2.42671                    396918.26
3767531.08        2.28165
         396958.26    3767531.08        2.06773                    396998.26
3767531.08        1.98034
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         397038.26    3767531.08        1.91926                      397078.26
3767531.08        1.99535
         397118.26    3767531.08        2.28550                      397158.26
3767531.08        2.58836
         397198.26    3767531.08        3.01347                      397238.26
3767531.08        3.10583
         397278.26    3767531.08        3.48037                      397318.26
3767531.08        3.48448
         397358.26    3767531.08        3.47381                      397398.26
3767531.08        3.49306
         397438.26    3767531.08        3.40475                      397478.26
3767531.08        3.26792
         397518.26    3767531.08        3.08225                      397558.26
3767531.08        2.81981
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        2.52235                      397638.26
3767531.08        2.28556
         397678.26    3767531.08        2.06290                      397718.26
3767531.08        1.83425
         397320.82    3767219.11       13.31722                      397330.82
3767209.11       14.08050
         397340.82    3767189.11       15.54743                      397340.82
3767199.11       14.84699
```

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         397340.82    3767209.11       13.67084                       397350.82
3767189.11       15.48772
         397350.82    3767199.11       14.41985                       397360.82
3767189.11       13.73080
         397360.82    3767199.11       12.81003                       397370.82
3767189.11        9.73334
         397380.82    3767189.11        7.94978                       396934.73
3767169.52        6.11243
         397014.53    3767229.60       11.68058                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
         397260.95    3767278.88        7.61021                       397409.74
3767205.66        6.71162
         397422.89    3767189.23        6.67146                       397426.64
3767180.78        6.67115
         397420.54    3767170.46        6.87814                       397318.68
3767160.13       13.86529
         397022.98    3767083.62       14.46744                       396920.42
3767167.32        5.80250
         396989.95    3767243.54        9.87536                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
         397260.95    3767278.88        7.61021                       397409.74
3767205.66        6.71162
         397422.89    3767189.23        6.67146                       397426.64
3767180.78        6.67115
         397420.54    3767170.46        6.87814                       397318.68
3767160.13       13.86529
         397022.98    3767083.62       14.46744

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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                       ***       16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                 *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
             **
```

```
                         NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

GENERATO  1ST HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          2ND HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          3RD HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          4TH HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          5TH HIGHEST VALUE IS      2.36614 AT (  397118.26,  3767251.08,
113.68,   187.57,    0.00)  DC
          6TH HIGHEST VALUE IS      2.22438 AT (  397158.26,  3767291.08,
115.43,   188.90,    0.00)  DC
          7TH HIGHEST VALUE IS      1.83924 AT (  397238.26,  3767331.08,
123.96,   149.01,    0.00)  DC
          8TH HIGHEST VALUE IS      1.80694 AT (  397198.26,  3767331.08,
125.94,   149.01,    0.00)  DC
          9TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC
         10TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          2ND HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          3RD HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          4TH HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          5TH HIGHEST VALUE IS      2.36614 AT (  397118.26,  3767251.08,
113.68,   187.57,    0.00)  DC
          6TH HIGHEST VALUE IS      2.22438 AT (  397158.26,  3767291.08,
115.43,   188.90,    0.00)  DC
          7TH HIGHEST VALUE IS      1.83924 AT (  397238.26,  3767331.08,
123.96,   149.01,    0.00)  DC
          8TH HIGHEST VALUE IS      1.80694 AT (  397198.26,  3767331.08,
125.94,   149.01,    0.00)  DC
          9TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC
         10TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC
```

*** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER   5 YEARS ***

** CONC OF NO2   IN MICROGRAMS/M**3
**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	18.39910	AT (397318.26, 3767131.08, 112.33, 149.01, 0.00)	DC	
	2ND HIGHEST VALUE IS	18.07895	AT (397350.82, 3767189.11, 113.73, 149.27, 0.00)	DC	
	3RD HIGHEST VALUE IS	17.88768	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	4TH HIGHEST VALUE IS	17.40522	AT (397340.82, 3767199.11, 113.97, 149.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	16.78136	AT (397318.68, 3767160.13, 112.88, 149.01, 0.00)	DC	
	6TH HIGHEST VALUE IS	16.78136	AT (397318.68, 3767160.13, 112.88, 149.01, 0.00)	DC	
	7TH HIGHEST VALUE IS	16.77224	AT (397350.82, 3767199.11, 114.28, 149.27, 0.00)	DC	
	8TH HIGHEST VALUE IS	16.10277	AT (397330.82, 3767209.11, 114.55, 149.27, 0.00)	DC	
	9TH HIGHEST VALUE IS	15.57508	AT (397038.26, 3767051.08, 105.89, 140.23, 0.00)	DC	
	10TH HIGHEST VALUE IS	15.56923	AT (397360.82, 3767189.11, 114.06, 149.27, 0.00)	DC	
ALL	1ST HIGHEST VALUE IS	18.39910	AT (397318.26, 3767131.08, 112.33, 149.01, 0.00)	DC	

```
          6TH HIGHEST VALUE IS      14.56502 AT (  396998.26,  3767091.08,
105.38,   142.19,    0.00)  DC
          7TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          8TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          9TH HIGHEST VALUE IS      14.41985 AT (  397350.82,  3767199.11,
114.28,   149.27,    0.00)  DC
         10TH HIGHEST VALUE IS      14.08050 AT (  397330.82,  3767209.11,
114.55,   149.27,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      15.54743 AT (  397340.82,  3767189.11,
113.51,   149.27,    0.00)  DC
          2ND HIGHEST VALUE IS      15.48772 AT (  397350.82,  3767189.11,
113.73,   149.27,    0.00)  DC
          3RD HIGHEST VALUE IS      15.06211 AT (  397038.26,  3767051.08,
105.89,   140.23,    0.00)  DC
          4TH HIGHEST VALUE IS      15.00681 AT (  397318.26,  3767131.08,
112.33,   149.01,    0.00)  DC
          5TH HIGHEST VALUE IS      14.84699 AT (  397340.82,  3767199.11,
113.97,   149.27,    0.00)  DC
          6TH HIGHEST VALUE IS      14.56502 AT (  396998.26,  3767091.08,
105.38,   142.19,    0.00)  DC
          7TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          8TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          9TH HIGHEST VALUE IS      14.41985 AT (  397350.82,  3767199.11,
114.28,   149.27,    0.00)  DC
         10TH HIGHEST VALUE IS      14.08050 AT (  397330.82,  3767209.11,
114.55,   149.27,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
```

```
 A Total of            5 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 CO W361      26       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186     979       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     979       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_PM2\Saturn_PM2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM-2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_PM2.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
```

```
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.20
** SZINIT = 4.74
** Nodes = 36
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** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
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   LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
   LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
   LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
   LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
   LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
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LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
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LOCATION L0000168     VOLUME   397148.729 3767213.607 113.00
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   LOCATION L0000278     VOLUME   397286.603 3767216.735 113.00
   LOCATION L0000279     VOLUME   397281.145 3767223.891 113.00
   LOCATION L0000280     VOLUME   397275.687 3767231.047 113.00
   LOCATION L0000281     VOLUME   397270.229 3767238.203 113.00
   LOCATION L0000282     VOLUME   397264.770 3767245.359 113.00
   LOCATION L0000283     VOLUME   397259.312 3767252.515 113.00
   LOCATION L0000284     VOLUME   397253.854 3767259.671 113.00
   LOCATION L0000285     VOLUME   397248.396 3767266.826 113.00
   LOCATION L0000286     VOLUME   397242.937 3767273.982 113.00
   LOCATION L0000287     VOLUME   397237.479 3767281.138 113.00
   LOCATION L0000288     VOLUME   397232.021 3767288.294 113.00
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
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   SRCPARAM EG03           0.0073    14.326   756.483 32.6741244228888      0.61

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   SRCPARAM EG06           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0073    14.326   756.483 32.6741244228888      0.61

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SRCPARAM L0000248     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000249     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000250     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000251     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000252     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000253     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000254     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000255     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000256     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000257     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000258     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000259     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000260     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000261     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000262     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000263     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000264     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000265     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000266     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000267     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000268     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000269     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000270     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000271     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000272     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000273     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000274     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000275     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000276     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000277     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000278     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000279     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000280     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000281     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000282     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000283     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000284     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000285     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG18 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG22 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13

XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27

XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71

XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49

YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01

YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33

YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03

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   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP area     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP area     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP area     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP area     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP area     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP area     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP area     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP area     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP area     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP area     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP area     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP area     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP area     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP area     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
```

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   SRCGROUP area     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP area     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP area     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP area     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP area     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP area     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP area     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP area     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP area     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP area     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP area     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP area     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP area     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP area     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP area     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP area     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_PM2.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Saturn_PM2\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Saturn_PM2\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
```

```
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD View\Saturn_PM2\SATURN_PM2.AD\24H1GALL.PLT"
31
   PLOTFILE 24 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H1G001.PLT" 32
   PLOTFILE 24 area 1ST "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H1G002.PLT" 33
   PLOTFILE 24 ALL 8TH "C:\Lakes\AERMOD View\Saturn_PM2\SATURN_PM2.AD\24H8GALL.PLT"
34
   PLOTFILE 24 Generato 8TH "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H8G001.PLT" 35
   PLOTFILE 24 area 8TH "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H8G002.PLT" 36
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\Saturn_PM2\SATURN_PM2.AD\AN00GALL.PLT"
37
   PLOTFILE ANNUAL Generato "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\AN00G001.PLT" 38
   PLOTFILE ANNUAL area "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\AN00G002.PLT" 39
   SUMMFILE "C:\Lakes\AERMOD View\Saturn_PM2\Saturn_PM2.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_PM2\SATURN_PM2.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\SATURN DATA CENTER_CONS\SATURN DATA CENTER_CONS
   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID PM-2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_PM2.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
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** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** --------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
** NODES = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
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** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
** 397126.690, 3767240.880, 113.00, 5.10, 4.19
** 397136.380, 3767248.250, 113.00, 5.10, 4.19
** 397138.940, 3767258.350, 113.00, 5.10, 4.19
** 397217.710, 3767153.640, 113.00, 5.10, 4.19
** 397240.180, 3767158.630, 113.00, 5.10, 4.19
** 397150.180, 3767263.940, 113.00, 5.10, 4.19
** 397165.830, 3767279.730, 113.00, 5.10, 4.19
** 397260.990, 3767158.220, 113.00, 5.10, 4.19
** 397280.550, 3767164.040, 113.00, 5.10, 4.19
** 397174.020, 3767288.680, 113.00, 5.10, 4.19
** 397189.460, 3767297.190, 113.00, 5.10, 4.19
** 397198.980, 3767300.960, 113.00, 5.10, 4.19
** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
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   LOCATION L0000001     VOLUME   397018.406 3767094.696 113.00
   LOCATION L0000002     VOLUME   397011.819 3767100.828 113.00
   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
   LOCATION L0000004     VOLUME   396998.643 3767113.093 113.00
   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
   LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
   LOCATION L0000011     VOLUME   396952.530 3767156.018 113.00
   LOCATION L0000012     VOLUME   396950.015 3767162.329 113.00
   LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
   LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
   LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
   LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
   LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
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LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
LOCATION L0000025     VOLUME   397031.863 3767109.395 113.00
LOCATION L0000026     VOLUME   397038.217 3767103.021 113.00
LOCATION L0000027     VOLUME   397044.715 3767098.097 113.00
LOCATION L0000028     VOLUME   397052.204 3767103.089 113.00
LOCATION L0000029     VOLUME   397053.373 3767108.779 113.00
LOCATION L0000030     VOLUME   397047.155 3767115.286 113.00
LOCATION L0000031     VOLUME   397040.937 3767121.792 113.00
LOCATION L0000032     VOLUME   397034.719 3767128.299 113.00
LOCATION L0000033     VOLUME   397028.501 3767134.805 113.00
LOCATION L0000034     VOLUME   397022.282 3767141.312 113.00
LOCATION L0000035     VOLUME   397016.064 3767147.818 113.00
LOCATION L0000036     VOLUME   397009.846 3767154.325 113.00
LOCATION L0000037     VOLUME   397003.628 3767160.831 113.00
LOCATION L0000038     VOLUME   396997.409 3767167.337 113.00
LOCATION L0000039     VOLUME   396991.191 3767173.844 113.00
LOCATION L0000040     VOLUME   396984.973 3767180.350 113.00
LOCATION L0000041     VOLUME   396978.755 3767186.857 113.00
LOCATION L0000042     VOLUME   396979.734 3767193.039 113.00
LOCATION L0000043     VOLUME   396986.512 3767198.960 113.00
LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
LOCATION L0000045     VOLUME   396999.223 3767194.647 113.00
LOCATION L0000046     VOLUME   397005.346 3767188.051 113.00
LOCATION L0000047     VOLUME   397011.469 3767181.455 113.00
LOCATION L0000048     VOLUME   397017.592 3767174.860 113.00
LOCATION L0000049     VOLUME   397023.716 3767168.264 113.00
LOCATION L0000050     VOLUME   397029.839 3767161.668 113.00
LOCATION L0000051     VOLUME   397035.962 3767155.072 113.00
LOCATION L0000052     VOLUME   397042.085 3767148.476 113.00
LOCATION L0000053     VOLUME   397048.209 3767141.880 113.00
LOCATION L0000054     VOLUME   397054.332 3767135.284 113.00
LOCATION L0000055     VOLUME   397060.455 3767128.688 113.00
LOCATION L0000056     VOLUME   397066.578 3767122.092 113.00
LOCATION L0000057     VOLUME   397072.702 3767115.496 113.00
LOCATION L0000058     VOLUME   397079.404 3767110.833 113.00
LOCATION L0000059     VOLUME   397088.146 3767112.973 113.00
LOCATION L0000060     VOLUME   397096.888 3767115.112 113.00
LOCATION L0000061     VOLUME   397092.403 3767121.199 113.00
LOCATION L0000062     VOLUME   397086.263 3767127.780 113.00
LOCATION L0000063     VOLUME   397080.124 3767134.361 113.00
LOCATION L0000064     VOLUME   397073.984 3767140.942 113.00
LOCATION L0000065     VOLUME   397067.845 3767147.522 113.00
LOCATION L0000066     VOLUME   397061.705 3767154.103 113.00
LOCATION L0000067     VOLUME   397055.566 3767160.684 113.00
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LOCATION L0000068     VOLUME   397049.426 3767167.265 113.00
LOCATION L0000069     VOLUME   397043.287 3767173.846 113.00
LOCATION L0000070     VOLUME   397037.147 3767180.426 113.00
LOCATION L0000071     VOLUME   397031.008 3767187.007 113.00
LOCATION L0000072     VOLUME   397024.868 3767193.588 113.00
LOCATION L0000073     VOLUME   397018.729 3767200.169 113.00
LOCATION L0000074     VOLUME   397012.589 3767206.749 113.00
LOCATION L0000075     VOLUME   397006.450 3767213.330 113.00
LOCATION L0000076     VOLUME   397011.345 3767217.816 113.00
LOCATION L0000077     VOLUME   397019.469 3767221.690 113.00
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LOCATION L0000117     VOLUME   397100.736 3767191.929 113.00
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** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
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   SRCPARAM EG02            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG04            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG05            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG12            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG24            0.0073    14.326   756.483 32.6741244228888      0.61
** LINE VOLUME SOURCE ID = SLINE1
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   SRCPARAM L0000002     0.0034722222      5.10      4.19      4.74
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** BUILDING DOWNWASH **
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BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG04 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG04 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27

BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87

XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21

XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96

XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01

XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05

YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00

YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08

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   YBADJ    EG21           51.33    39.11    25.71    11.52    -3.02   -17.46
   YBADJ    EG21          -31.38   -48.01   -59.59   -69.35   -77.01   -82.33
   YBADJ    EG21          -85.15   -85.38   -83.02   -78.13   -70.76   -61.98
   YBADJ    EG21          -51.33   -39.11   -25.71   -11.52     3.02    17.46
   YBADJ    EG21           31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21           85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22           62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22          -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22          -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22          -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22           29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22           94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23           68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23          -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23         -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23          -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23           29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23          100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 1"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP GENERATO EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP GENERATO EG23 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
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   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
```

```
**
**
RE STARTING
   INCLUDED SATURN_PM2.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM2\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM2\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H1GALL.PLT" 31
   PLOTFILE   24 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H1G001.PLT" 32
   PLOTFILE   24 AREA 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H1G002.PLT" 33
   PLOTFILE   24 ALL 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H8GALL.PLT" 34
   PLOTFILE   24 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H8G001.PLT" 35
   PLOTFILE   24 AREA 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H8G002.PLT" 36
   PLOTFILE   ANNUAL ALL "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\AN00GALL.PLT" 37
   PLOTFILE   ANNUAL GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\AN00G001.PLT" 38
   PLOTFILE   ANNUAL AREA "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\AN00G002.PLT" 39
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_PM2\SATURN_PM2.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    2020       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2020       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
```

```
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   312 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM-2.5

 **Note that special processing requirements apply for the 24-hour PM2.5 NAAQS -
check available guidance.
   Model will process user-specified ranks of high 24-hour values averaged across
the number of years modeled, and
   the multi-year average of individual ANNUAL values, averaged across the number
of years modeled.

 **Model Calculates  1 Short Term Average(s) of:  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:    312 Source(s);       3 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL 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) =   58.00 ; 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 =   4.5 MB of RAM.

 **Input Runstream File: aermod.inp

 **Output Print File: aermod.out

 **Detailed Error/Message File: SATURN_PM2.ERR

 **File for Summary of Results: C:\LAKES\AERMOD VIEW\SATURN_PM2\SATURN_PM2.SUM

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   STACK   STACK
STACK   STACK   BLDG   URBAN CAP/ EMIS RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT TEMP.
EXIT VEL. DIAMETER EXISTS SOURCE HOR   SCALAR
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC) (METERS)   VARY BY
 -
- -

 EG01   0   0.73000E-02 397047.3 3767179.2   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG02   0   0.73000E-02 397059.0 3767182.6   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG03   0   0.73000E-02 397065.8 3767183.8   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG04   0   0.73000E-02 397077.3 3767187.1   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG05   0   0.73000E-02 397083.4 3767188.5   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW

```
 EG06             0   0.73000E-02  397095.4 3767191.9   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG07             0   0.73000E-02  397101.1 3767193.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG08             0   0.73000E-02  397112.7 3767197.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG09             0   0.73000E-02  397117.7 3767198.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG10             0   0.73000E-02  397131.0 3767201.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG11             0   0.73000E-02  397137.4 3767203.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG12             0   0.73000E-02  397148.4 3767206.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG13             0   0.73000E-02  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG14             0   0.73000E-02  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG15             0   0.73000E-02  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG16             0   0.73000E-02  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG17             0   0.73000E-02  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG18             0   0.73000E-02  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG19             0   0.73000E-02  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG20             0   0.73000E-02  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG21             0   0.73000E-02  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG22             0   0.73000E-02  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG23             0   0.73000E-02  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG24             0   0.73000E-02  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74	YES NO
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74	YES NO
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74	YES NO
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19	4.74	YES NO
L0000005	0	0.34722E-02	396992.1	3767119.2	113.0	5.10	4.19	4.74	YES NO
L0000006	0	0.34722E-02	396985.5	3767125.4	113.0	5.10	4.19	4.74	YES NO
L0000007	0	0.34722E-02	396978.9	3767131.5	113.0	5.10	4.19	4.74	YES NO
L0000008	0	0.34722E-02	396972.3	3767137.6	113.0	5.10	4.19	4.74	YES NO
L0000009	0	0.34722E-02	396965.7	3767143.8	113.0	5.10	4.19	4.74	YES NO
L0000010	0	0.34722E-02	396959.1	3767149.9	113.0	5.10	4.19	4.74	YES NO
L0000011	0	0.34722E-02	396952.5	3767156.0	113.0	5.10	4.19	4.74	YES NO
L0000012	0	0.34722E-02	396950.0	3767162.3	113.0	5.10	4.19	4.74	YES NO
L0000013	0	0.34722E-02	396956.0	3767169.0	113.0	5.10	4.19	4.74	YES NO
L0000014	0	0.34722E-02	396962.1	3767175.7	113.0	5.10	4.19	4.74	YES NO
L0000015	0	0.34722E-02	396968.3	3767173.1	113.0	5.10	4.19	4.74	YES NO
L0000016	0	0.34722E-02	396974.7	3767166.8	113.0	5.10	4.19	4.74	YES NO
L0000017	0	0.34722E-02	396981.0	3767160.4	113.0	5.10	4.19	4.74	YES NO
L0000018	0	0.34722E-02	396987.4	3767154.0	113.0	5.10	4.19	4.74	YES NO
L0000019	0	0.34722E-02	396993.7	3767147.6	113.0	5.10	4.19	4.74	YES NO
L0000020	0	0.34722E-02	397000.1	3767141.3	113.0	5.10	4.19	4.74	YES NO
L0000021	0	0.34722E-02	397006.4	3767134.9	113.0	5.10	4.19	4.74	YES NO

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 L0000022         0   0.34722E-02  397012.8 3767128.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000023         0   0.34722E-02  397019.2 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000024         0   0.34722E-02  397025.5 3767115.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000025         0   0.34722E-02  397031.9 3767109.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000041	0	0.34722E-02	396978.8	3767186.9	113.0	5.10	4.19	4.74	YES NO
L0000042	0	0.34722E-02	396979.7	3767193.0	113.0	5.10	4.19	4.74	YES NO
L0000043	0	0.34722E-02	396986.5	3767199.0	113.0	5.10	4.19	4.74	YES NO
L0000044	0	0.34722E-02	396993.1	3767201.2	113.0	5.10	4.19	4.74	YES NO
L0000045	0	0.34722E-02	396999.2	3767194.6	113.0	5.10	4.19	4.74	YES NO
L0000046	0	0.34722E-02	397005.3	3767188.1	113.0	5.10	4.19	4.74	YES NO
L0000047	0	0.34722E-02	397011.5	3767181.5	113.0	5.10	4.19	4.74	YES NO
L0000048	0	0.34722E-02	397017.6	3767174.9	113.0	5.10	4.19	4.74	YES NO
L0000049	0	0.34722E-02	397023.7	3767168.3	113.0	5.10	4.19	4.74	YES NO
L0000050	0	0.34722E-02	397029.8	3767161.7	113.0	5.10	4.19	4.74	YES NO
L0000051	0	0.34722E-02	397036.0	3767155.1	113.0	5.10	4.19	4.74	YES NO
L0000052	0	0.34722E-02	397042.1	3767148.5	113.0	5.10	4.19	4.74	YES NO
L0000053	0	0.34722E-02	397048.2	3767141.9	113.0	5.10	4.19	4.74	YES NO
L0000054	0	0.34722E-02	397054.3	3767135.3	113.0	5.10	4.19	4.74	YES NO
L0000055	0	0.34722E-02	397060.5	3767128.7	113.0	5.10	4.19	4.74	YES NO
L0000056	0	0.34722E-02	397066.6	3767122.1	113.0	5.10	4.19	4.74	YES NO
L0000057	0	0.34722E-02	397072.7	3767115.5	113.0	5.10	4.19	4.74	YES NO
L0000058	0	0.34722E-02	397079.4	3767110.8	113.0	5.10	4.19	4.74	YES NO
L0000059	0	0.34722E-02	397088.1	3767113.0	113.0	5.10	4.19	4.74	YES NO
L0000060	0	0.34722E-02	397096.9	3767115.1	113.0	5.10	4.19	4.74	YES NO
L0000061	0	0.34722E-02	397092.4	3767121.2	113.0	5.10	4.19	4.74	YES NO

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 L0000062         0   0.34722E-02  397086.3 3767127.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000063         0   0.34722E-02  397080.1 3767134.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000064         0   0.34722E-02  397074.0 3767140.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000065         0   0.34722E-02  397067.8 3767147.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
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INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000081	0	0.34722E-02	397044.8	3767200.2	113.0	5.10	4.19	4.74	YES NO
L0000082	0	0.34722E-02	397050.9	3767193.6	113.0	5.10	4.19	4.74	YES NO
L0000083	0	0.34722E-02	397057.0	3767186.9	113.0	5.10	4.19	4.74	YES NO
L0000084	0	0.34722E-02	397063.0	3767180.3	113.0	5.10	4.19	4.74	YES NO
L0000085	0	0.34722E-02	397069.1	3767173.7	113.0	5.10	4.19	4.74	YES NO
L0000086	0	0.34722E-02	397075.2	3767167.0	113.0	5.10	4.19	4.74	YES NO
L0000087	0	0.34722E-02	397081.3	3767160.4	113.0	5.10	4.19	4.74	YES NO
L0000088	0	0.34722E-02	397087.4	3767153.8	113.0	5.10	4.19	4.74	YES NO
L0000089	0	0.34722E-02	397093.5	3767147.1	113.0	5.10	4.19	4.74	YES NO
L0000090	0	0.34722E-02	397099.5	3767140.5	113.0	5.10	4.19	4.74	YES NO
L0000091	0	0.34722E-02	397105.6	3767133.9	113.0	5.10	4.19	4.74	YES NO
L0000092	0	0.34722E-02	397111.7	3767127.2	113.0	5.10	4.19	4.74	YES NO
L0000093	0	0.34722E-02	397118.7	3767123.6	113.0	5.10	4.19	4.74	YES NO
L0000094	0	0.34722E-02	397127.4	3767125.8	113.0	5.10	4.19	4.74	YES NO
L0000095	0	0.34722E-02	397134.7	3767128.4	113.0	5.10	4.19	4.74	YES NO
L0000096	0	0.34722E-02	397128.6	3767135.0	113.0	5.10	4.19	4.74	YES NO
L0000097	0	0.34722E-02	397122.4	3767141.6	113.0	5.10	4.19	4.74	YES NO
L0000098	0	0.34722E-02	397116.3	3767148.1	113.0	5.10	4.19	4.74	YES NO
L0000099	0	0.34722E-02	397110.1	3767154.7	113.0	5.10	4.19	4.74	YES NO
L0000100	0	0.34722E-02	397103.9	3767161.2	113.0	5.10	4.19	4.74	YES NO
L0000101	0	0.34722E-02	397097.8	3767167.8	113.0	5.10	4.19	4.74	YES NO

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 L0000102         0   0.34722E-02  397091.6 3767174.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000103         0   0.34722E-02  397085.5 3767180.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000104         0   0.34722E-02  397079.3 3767187.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000105         0   0.34722E-02  397073.1 3767194.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000106         0   0.34722E-02  397067.0 3767200.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000107         0   0.34722E-02  397060.8 3767207.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000108         0   0.34722E-02  397054.7 3767213.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000109         0   0.34722E-02  397048.5 3767220.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000110         0   0.34722E-02  397055.1 3767223.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000111         0   0.34722E-02  397063.7 3767225.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000112         0   0.34722E-02  397071.7 3767226.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000113         0   0.34722E-02  397077.5 3767219.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000114         0   0.34722E-02  397083.3 3767212.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000115         0   0.34722E-02  397089.1 3767205.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000116         0   0.34722E-02  397094.9 3767198.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000117         0   0.34722E-02  397100.7 3767191.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000118         0   0.34722E-02  397106.5 3767185.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000119         0   0.34722E-02  397112.3 3767178.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000120         0   0.34722E-02  397118.1 3767171.3   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
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INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000121	0	0.34722E-02	397123.9	3767164.4	113.0	5.10	4.19	4.74	YES NO
L0000122	0	0.34722E-02	397129.7	3767157.5	113.0	5.10	4.19	4.74	YES NO
L0000123	0	0.34722E-02	397135.6	3767150.6	113.0	5.10	4.19	4.74	YES NO
L0000124	0	0.34722E-02	397141.4	3767143.8	113.0	5.10	4.19	4.74	YES NO
L0000125	0	0.34722E-02	397147.2	3767136.9	113.0	5.10	4.19	4.74	YES NO
L0000126	0	0.34722E-02	397154.5	3767134.8	113.0	5.10	4.19	4.74	YES NO
L0000127	0	0.34722E-02	397163.3	3767136.9	113.0	5.10	4.19	4.74	YES NO
L0000128	0	0.34722E-02	397163.6	3767141.8	113.0	5.10	4.19	4.74	YES NO
L0000129	0	0.34722E-02	397157.8	3767148.7	113.0	5.10	4.19	4.74	YES NO
L0000130	0	0.34722E-02	397152.0	3767155.6	113.0	5.10	4.19	4.74	YES NO
L0000131	0	0.34722E-02	397146.3	3767162.5	113.0	5.10	4.19	4.74	YES NO
L0000132	0	0.34722E-02	397140.5	3767169.4	113.0	5.10	4.19	4.74	YES NO
L0000133	0	0.34722E-02	397134.7	3767176.3	113.0	5.10	4.19	4.74	YES NO
L0000134	0	0.34722E-02	397128.9	3767183.2	113.0	5.10	4.19	4.74	YES NO
L0000135	0	0.34722E-02	397123.2	3767190.1	113.0	5.10	4.19	4.74	YES NO
L0000136	0	0.34722E-02	397117.4	3767197.0	113.0	5.10	4.19	4.74	YES NO
L0000137	0	0.34722E-02	397111.6	3767203.9	113.0	5.10	4.19	4.74	YES NO
L0000138	0	0.34722E-02	397105.8	3767210.8	113.0	5.10	4.19	4.74	YES NO
L0000139	0	0.34722E-02	397100.0	3767217.7	113.0	5.10	4.19	4.74	YES NO
L0000140	0	0.34722E-02	397094.3	3767224.6	113.0	5.10	4.19	4.74	YES NO
L0000141	0	0.34722E-02	397090.7	3767230.8	113.0	5.10	4.19	4.74	YES NO

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 L0000142         0   0.34722E-02  397099.5 3767232.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000143         0   0.34722E-02  397108.3 3767234.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000144         0   0.34722E-02  397115.8 3767233.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000145         0   0.34722E-02  397121.2 3767226.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000161	0	0.34722E-02	397188.3	3767164.6	113.0	5.10	4.19	4.74	YES NO
L0000162	0	0.34722E-02	397182.7	3767171.6	113.0	5.10	4.19	4.74	YES NO
L0000163	0	0.34722E-02	397177.0	3767178.6	113.0	5.10	4.19	4.74	YES NO
L0000164	0	0.34722E-02	397171.4	3767185.6	113.0	5.10	4.19	4.74	YES NO
L0000165	0	0.34722E-02	397165.7	3767192.6	113.0	5.10	4.19	4.74	YES NO
L0000166	0	0.34722E-02	397160.0	3767199.6	113.0	5.10	4.19	4.74	YES NO
L0000167	0	0.34722E-02	397154.4	3767206.6	113.0	5.10	4.19	4.74	YES NO
L0000168	0	0.34722E-02	397148.7	3767213.6	113.0	5.10	4.19	4.74	YES NO
L0000169	0	0.34722E-02	397143.1	3767220.6	113.0	5.10	4.19	4.74	YES NO
L0000170	0	0.34722E-02	397137.4	3767227.6	113.0	5.10	4.19	4.74	YES NO
L0000171	0	0.34722E-02	397131.8	3767234.6	113.0	5.10	4.19	4.74	YES NO
L0000172	0	0.34722E-02	397127.4	3767241.4	113.0	5.10	4.19	4.74	YES NO
L0000173	0	0.34722E-02	397134.6	3767246.9	113.0	5.10	4.19	4.74	YES NO
L0000174	0	0.34722E-02	397138.0	3767254.8	113.0	5.10	4.19	4.74	YES NO
L0000175	0	0.34722E-02	397142.2	3767254.1	113.0	5.10	4.19	4.74	YES NO
L0000176	0	0.34722E-02	397147.6	3767246.9	113.0	5.10	4.19	4.74	YES NO
L0000177	0	0.34722E-02	397153.0	3767239.7	113.0	5.10	4.19	4.74	YES NO
L0000178	0	0.34722E-02	397158.4	3767232.5	113.0	5.10	4.19	4.74	YES NO
L0000179	0	0.34722E-02	397163.8	3767225.3	113.0	5.10	4.19	4.74	YES NO
L0000180	0	0.34722E-02	397169.2	3767218.1	113.0	5.10	4.19	4.74	YES NO
L0000181	0	0.34722E-02	397174.6	3767210.9	113.0	5.10	4.19	4.74	YES NO

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 L0000182         0   0.34722E-02  397180.0 3767203.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000183         0   0.34722E-02  397185.4 3767196.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000184         0   0.34722E-02  397190.8 3767189.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000185         0   0.34722E-02  397196.3 3767182.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000201	0	0.34722E-02	397184.8	3767223.5	113.0	5.10	4.19	4.74	YES NO
L0000202	0	0.34722E-02	397178.9	3767230.3	113.0	5.10	4.19	4.74	YES NO
L0000203	0	0.34722E-02	397173.1	3767237.2	113.0	5.10	4.19	4.74	YES NO
L0000204	0	0.34722E-02	397167.2	3767244.0	113.0	5.10	4.19	4.74	YES NO
L0000205	0	0.34722E-02	397161.4	3767250.8	113.0	5.10	4.19	4.74	YES NO
L0000206	0	0.34722E-02	397155.5	3767257.7	113.0	5.10	4.19	4.74	YES NO
L0000207	0	0.34722E-02	397150.7	3767264.5	113.0	5.10	4.19	4.74	YES NO
L0000208	0	0.34722E-02	397157.1	3767270.9	113.0	5.10	4.19	4.74	YES NO
L0000209	0	0.34722E-02	397163.4	3767277.3	113.0	5.10	4.19	4.74	YES NO
L0000210	0	0.34722E-02	397169.2	3767275.4	113.0	5.10	4.19	4.74	YES NO
L0000211	0	0.34722E-02	397174.8	3767268.3	113.0	5.10	4.19	4.74	YES NO
L0000212	0	0.34722E-02	397180.3	3767261.2	113.0	5.10	4.19	4.74	YES NO
L0000213	0	0.34722E-02	397185.9	3767254.1	113.0	5.10	4.19	4.74	YES NO
L0000214	0	0.34722E-02	397191.4	3767247.0	113.0	5.10	4.19	4.74	YES NO
L0000215	0	0.34722E-02	397197.0	3767239.9	113.0	5.10	4.19	4.74	YES NO
L0000216	0	0.34722E-02	397202.5	3767232.9	113.0	5.10	4.19	4.74	YES NO
L0000217	0	0.34722E-02	397208.1	3767225.8	113.0	5.10	4.19	4.74	YES NO
L0000218	0	0.34722E-02	397213.6	3767218.7	113.0	5.10	4.19	4.74	YES NO
L0000219	0	0.34722E-02	397219.2	3767211.6	113.0	5.10	4.19	4.74	YES NO
L0000220	0	0.34722E-02	397224.7	3767204.5	113.0	5.10	4.19	4.74	YES NO
L0000221	0	0.34722E-02	397230.3	3767197.4	113.0	5.10	4.19	4.74	YES NO

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 L0000222         0   0.34722E-02  397235.8 3767190.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000223         0   0.34722E-02  397241.4 3767183.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000224         0   0.34722E-02  397246.9 3767176.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000225         0   0.34722E-02  397252.5 3767169.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000241	0	0.34722E-02	397209.2	3767247.5	113.0	5.10	4.19	4.74	YES NO
L0000242	0	0.34722E-02	397203.4	3767254.3	113.0	5.10	4.19	4.74	YES NO
L0000243	0	0.34722E-02	397197.5	3767261.2	113.0	5.10	4.19	4.74	YES NO
L0000244	0	0.34722E-02	397191.7	3767268.0	113.0	5.10	4.19	4.74	YES NO
L0000245	0	0.34722E-02	397185.8	3767274.9	113.0	5.10	4.19	4.74	YES NO
L0000246	0	0.34722E-02	397180.0	3767281.7	113.0	5.10	4.19	4.74	YES NO
L0000247	0	0.34722E-02	397174.1	3767288.5	113.0	5.10	4.19	4.74	YES NO
L0000248	0	0.34722E-02	397181.8	3767292.9	113.0	5.10	4.19	4.74	YES NO
L0000249	0	0.34722E-02	397189.6	3767297.3	113.0	5.10	4.19	4.74	YES NO
L0000250	0	0.34722E-02	397198.0	3767300.6	113.0	5.10	4.19	4.74	YES NO
L0000251	0	0.34722E-02	397203.8	3767294.6	113.0	5.10	4.19	4.74	YES NO
L0000252	0	0.34722E-02	397209.3	3767287.5	113.0	5.10	4.19	4.74	YES NO
L0000253	0	0.34722E-02	397214.8	3767280.4	113.0	5.10	4.19	4.74	YES NO
L0000254	0	0.34722E-02	397220.3	3767273.2	113.0	5.10	4.19	4.74	YES NO
L0000255	0	0.34722E-02	397225.8	3767266.1	113.0	5.10	4.19	4.74	YES NO
L0000256	0	0.34722E-02	397231.2	3767259.0	113.0	5.10	4.19	4.74	YES NO
L0000257	0	0.34722E-02	397236.7	3767251.8	113.0	5.10	4.19	4.74	YES NO
L0000258	0	0.34722E-02	397242.2	3767244.7	113.0	5.10	4.19	4.74	YES NO
L0000259	0	0.34722E-02	397247.7	3767237.6	113.0	5.10	4.19	4.74	YES NO
L0000260	0	0.34722E-02	397253.2	3767230.4	113.0	5.10	4.19	4.74	YES NO
L0000261	0	0.34722E-02	397258.7	3767223.3	113.0	5.10	4.19	4.74	YES NO

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 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

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INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000281         0   0.34722E-02  397270.2 3767238.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000282         0   0.34722E-02  397264.8 3767245.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000283         0   0.34722E-02  397259.3 3767252.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000284         0   0.34722E-02  397253.9 3767259.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000285         0   0.34722E-02  397248.4 3767266.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000286         0   0.34722E-02  397242.9 3767274.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000287         0   0.34722E-02  397237.5 3767281.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000288         0   0.34722E-02  397232.0 3767288.3   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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EG06        , EG07        , EG08        ,

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EG14        , EG15        , EG16        ,

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EG22        , EG23        , EG24        ,

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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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EG06        , EG07        , EG08        ,
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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              9830000.   EG01        , EG02        , EG03        , EG04        ,
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,
		L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,
		L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,
		L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
		L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
		L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
		L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
		L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
		L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
		L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
		L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
		L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
		L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
		L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,

L0000246   , L0000247   , L0000248   ,

             L0000249   , L0000250   , L0000251   , L0000252   , L0000253   ,
L0000254   , L0000255   , L0000256   ,

             L0000257   , L0000258   , L0000259   , L0000260   , L0000261   ,
L0000262   , L0000263   , L0000264   ,

             L0000265   , L0000266   , L0000267   , L0000268   , L0000269   ,
L0000270   , L0000271   , L0000272   ,

             L0000273   , L0000274   , L0000275   , L0000276   , L0000277   ,
L0000278   , L0000279   , L0000280   ,

             L0000281   , L0000282   , L0000283   , L0000284   , L0000285   ,
L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG01
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -85.5, -116.3,   2   12.8, 270.0, 223.9,
-82.6, -112.3,
    3   12.8, 247.8, 251.8, -77.2, -105.0,   4   12.8, 218.1, 272.0,
-69.4, -94.4,
    5   12.8, 181.7, 283.9, -59.5, -81.0,   6   12.8, 139.9, 287.3,
-47.9, -65.1,
    7   12.8,   93.7, 281.9, -34.7, -47.3,   8   12.8, 103.9, 285.9,
-29.4, -31.6,
    9   12.8, 148.8, 289.4, -28.0, -11.5,   10   12.8, 189.2, 284.0,
-25.7,   9.1,
   11   12.8, 223.9, 270.0, -22.7,   29.3,   12   12.8, 251.8, 247.8,
-18.9,   48.7,
   13   12.8, 272.0, 218.1, -14.6,   66.6,   14   12.8, 283.9, 181.7,
-9.9,   82.4,
   15   12.8, 287.3, 139.9,   -4.8,   95.8,   16   12.8, 281.9,   93.7,
0.4, 106.2,
   17   12.8, 285.9, 103.9, -20.3, 113.5,   18   12.8, 289.4, 148.8,
-62.9, 116.7,
   19   12.8, 284.0, 189.2, -103.7, 116.3,   20   12.8, 270.0, 223.9,

-141.3, 112.3,
   21   12.8, 247.8, 251.8, -174.6, 105.0,   22   12.8, 218.1, 272.0,
-202.6,   94.4,
   23   12.8, 181.7, 283.9, -224.4,   81.0,   24   12.8, 139.9, 287.3,
-239.4,   65.1,
   25   12.8,   93.7, 281.9, -247.2,   47.3,   26   12.8, 103.9, 285.9,
-256.5,   31.6,
   27   12.8, 148.8, 289.4, -261.4,   11.5,   28   12.8, 189.2, 284.0,
-258.3,   -9.1,
   29   12.8, 223.9, 270.0, -247.3, -29.3,   30   12.8, 251.8, 247.8,
-228.9, -48.7,
   31   12.8, 272.0, 218.1, -203.5, -66.6,   32   12.8, 283.9, 181.7,
-171.9, -82.4,
   33   12.8, 287.3, 139.9, -135.1, -95.8,   34   12.8, 281.9,   93.7,
-94.1, -106.2,
   35   12.8, 285.9, 103.9, -83.6, -113.5,   36   12.8, 289.4, 148.8,
-85.9, -116.7,

 SOURCE ID: EG02
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -90.9, -105.3,   2   12.8, 270.0, 223.9,
-89.8, -102.5,
    3   12.8, 247.8, 251.8, -85.9, -96.5,   4   12.8, 218.1, 272.0,
-79.5, -87.6,
    5   12.8, 181.7, 283.9, -70.6, -76.0,   6   12.8, 139.9, 287.3,
-59.6, -62.2,
    7   12.8,   93.7, 281.9, -46.8, -46.4,   8   12.8, 103.9, 285.9,
-41.5, -32.9,
    9   12.8, 148.8, 289.4, -39.7, -14.8,   10   12.8, 189.2, 284.0,
-36.6,   3.8,
   11   12.8, 223.9, 270.0, -32.5,   22.2,   12   12.8, 251.8, 247.8,
-27.4,   39.9,
   13   12.8, 272.0, 218.1, -21.4,   56.5,   14   12.8, 283.9, 181.7,
-14.8,   71.3,
   15   12.8, 287.3, 139.9,   -7.8,   84.0,   16   12.8, 281.9,   93.7,
-0.5,   94.1,
   17   12.8, 285.9, 103.9, -19.0, 101.5,   18   12.8, 289.4, 148.8,
-59.6, 105.0,
   19   12.8, 284.0, 189.2, -98.4, 105.3,   20   12.8, 270.0, 223.9,
-134.1, 102.5,
   21   12.8, 247.8, 251.8, -165.8,   96.5,   22   12.8, 218.1, 272.0,
-192.5,   87.6,
   23   12.8, 181.7, 283.9, -213.3,   76.0,   24   12.8, 139.9, 287.3,
-227.6,   62.2,
   25   12.8,   93.7, 281.9, -235.0,   46.4,   26   12.8, 103.9, 285.9,
-244.4,   32.9,
   27   12.8, 148.8, 289.4, -249.7,   14.8,   28   12.8, 189.2, 284.0,
-247.4,   -3.8,

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   29   12.8,  223.9,  270.0, -237.5,  -22.2,     30   12.8,  251.8,  247.8,
-220.4,  -39.9,
   31   12.8,  272.0,  218.1, -196.7,  -56.5,     32   12.8,  283.9,  181.7,
-166.9,  -71.3,
   33   12.8,  287.3,  139.9, -132.1,  -84.0,     34   12.8,  281.9,   93.7,
-93.3,  -94.1,
   35   12.8,  285.9,  103.9,  -84.8, -101.5,     36   12.8,  289.4,  148.8,
-89.2, -105.0,


 SOURCE ID: EG03
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -93.2,  -98.8,      2   12.8,  270.0,  223.9,
-93.2,  -96.5,
    3   12.8,  247.8,  251.8,  -90.4,  -91.2,      4   12.8,  218.1,  272.0,
-84.8,  -83.2,
    5   12.8,  181.7,  283.9,  -76.6,  -72.6,      6   12.8,  139.9,  287.3,
-66.2,  -59.8,
    7   12.8,   93.7,  281.9,  -53.7,  -45.2,      8   12.8,  103.9,  285.9,
-48.4,  -32.9,
    9   12.8,  148.8,  289.4,  -46.5,  -16.0,     10   12.8,  189.2,  284.0,
-43.2,    1.4,
   11   12.8,  223.9,  270.0,  -38.5,   18.7,     12   12.8,  251.8,  247.8,
-32.7,   35.5,
   13   12.8,  272.0,  218.1,  -25.9,   51.2,     14   12.8,  283.9,  181.7,
-18.3,   65.3,
   15   12.8,  287.3,  139.9,  -10.1,   77.5,     16   12.8,  281.9,   93.7,
-1.7,   87.3,
   17   12.8,  285.9,  103.9,  -19.0,   94.5,     18   12.8,  289.4,  148.8,
-58.4,   98.2,
   19   12.8,  284.0,  189.2,  -96.0,   98.8,     20   12.8,  270.0,  223.9,
-130.7,   96.5,
   21   12.8,  247.8,  251.8, -161.4,   91.2,     22   12.8,  218.1,  272.0,
-187.2,   83.2,
   23   12.8,  181.7,  283.9, -207.3,   72.6,     24   12.8,  139.9,  287.3,
-221.1,   59.8,
   25   12.8,   93.7,  281.9, -228.2,   45.2,     26   12.8,  103.9,  285.9,
-237.5,   32.9,
   27   12.8,  148.8,  289.4, -242.9,   16.0,     28   12.8,  189.2,  284.0,
-240.8,   -1.4,
   29   12.8,  223.9,  270.0, -231.5,  -18.7,     30   12.8,  251.8,  247.8,
-215.1,  -35.5,
   31   12.8,  272.0,  218.1, -192.2,  -51.2,     32   12.8,  283.9,  181.7,
-163.5,  -65.3,
   33   12.8,  287.3,  139.9, -129.7,  -77.5,     34   12.8,  281.9,   93.7,
-92.1,  -87.3,
   35   12.8,  285.9,  103.9,  -84.8,  -94.5,     36   12.8,  289.4,  148.8,
-90.4,  -98.2,
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SOURCE ID: EG04

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-98.5,	-88.1,	2	12.8,	270.0,	223.9,	-100.3,	-86.9,
3	12.8,	247.8,	251.8,	-99.0,	-83.0,	4	12.8,	218.1,	272.0,	-94.7,	-76.5,
5	12.8,	181.7,	283.9,	-87.5,	-67.8,	6	12.8,	139.9,	287.3,	-77.7,	-57.0,
7	12.8,	93.7,	281.9,	-65.5,	-44.4,	8	12.8,	103.9,	285.9,	-60.3,	-34.2,
9	12.8,	148.8,	289.4,	-57.9,	-19.3,	10	12.8,	189.2,	284.0,	-53.9,	-3.9,
11	12.8,	223.9,	270.0,	-48.1,	11.7,	12	12.8,	251.8,	247.8,	-40.9,	26.9,
13	12.8,	272.0,	218.1,	-32.5,	41.3,	14	12.8,	283.9,	181.7,	-23.1,	54.4,
15	12.8,	287.3,	139.9,	-13.0,	65.9,	16	12.8,	281.9,	93.7,	-2.4,	75.4,
17	12.8,	285.9,	103.9,	-17.8,	82.7,	18	12.8,	289.4,	148.8,	-55.1,	86.7,
19	12.8,	284.0,	189.2,	-90.7,	88.1,	20	12.8,	270.0,	223.9,	-123.6,	86.9,
21	12.8,	247.8,	251.8,	-152.8,	83.0,	22	12.8,	218.1,	272.0,	-177.3,	76.5,
23	12.8,	181.7,	283.9,	-196.4,	67.8,	24	12.8,	139.9,	287.3,	-209.5,	57.0,
25	12.8,	93.7,	281.9,	-216.3,	44.4,	26	12.8,	103.9,	285.9,	-225.7,	34.2,
27	12.8,	148.8,	289.4,	-231.4,	19.3,	28	12.8,	189.2,	284.0,	-230.1,	3.9,
29	12.8,	223.9,	270.0,	-221.9,	-11.7,	30	12.8,	251.8,	247.8,	-206.9,	-26.9,
31	12.8,	272.0,	218.1,	-185.6,	-41.3,	32	12.8,	283.9,	181.7,	-158.6,	-54.4,
33	12.8,	287.3,	139.9,	-126.9,	-65.9,	34	12.8,	281.9,	93.7,	-91.3,	-75.4,
35	12.8,	285.9,	103.9,	-86.1,	-82.7,	36	12.8,	289.4,	148.8,	-93.7,	-86.7,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING

DIMENSIONS ***

SOURCE ID: EG05

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-100.9,	-82.4,	2	12.8,	270.0,	223.9,	-103.7,	-81.6,
3	12.8,	247.8,	251.8,	-103.2,	-78.4,	4	12.8,	218.1,	272.0,	-99.7,	-72.8,
5	12.8,	181.7,	283.9,	-93.1,	-64.9,	6	12.8,	139.9,	287.3,	-83.7,	-55.1,
7	12.8,	93.7,	281.9,	-71.8,	-43.6,	8	12.8,	103.9,	285.9,	-66.5,	-34.5,
9	12.8,	148.8,	289.4,	-64.0,	-20.7,	10	12.8,	189.2,	284.0,	-59.6,	-6.3,
11	12.8,	223.9,	270.0,	-53.4,	8.3,	12	12.8,	251.8,	247.8,	-45.5,	22.6,
13	12.8,	272.0,	218.1,	-36.3,	36.3,	14	12.8,	283.9,	181.7,	-25.9,	48.9,
15	12.8,	287.3,	139.9,	-14.8,	59.9,	16	12.8,	281.9,	93.7,	-3.2,	69.2,
17	12.8,	285.9,	103.9,	-17.4,	76.5,	18	12.8,	289.4,	148.8,	-53.7,	80.6,
19	12.8,	284.0,	189.2,	-88.3,	82.4,	20	12.8,	270.0,	223.9,	-120.2,	81.6,
21	12.8,	247.8,	251.8,	-148.5,	78.4,	22	12.8,	218.1,	272.0,	-172.3,	72.8,
23	12.8,	181.7,	283.9,	-190.8,	64.9,	24	12.8,	139.9,	287.3,	-203.6,	55.1,
25	12.8,	93.7,	281.9,	-210.1,	43.6,	26	12.8,	103.9,	285.9,	-219.4,	34.5,
27	12.8,	148.8,	289.4,	-225.3,	20.7,	28	12.8,	189.2,	284.0,	-224.4,	6.3,
29	12.8,	223.9,	270.0,	-216.6,	-8.3,	30	12.8,	251.8,	247.8,	-202.3,	-22.6,
31	12.8,	272.0,	218.1,	-181.8,	-36.3,	32	12.8,	283.9,	181.7,	-155.8,	-48.9,
33	12.8,	287.3,	139.9,	-125.0,	-59.9,	34	12.8,	281.9,	93.7,	-90.5,	-69.2,
35	12.8,	285.9,	103.9,	-86.4,	-76.5,	36	12.8,	289.4,	148.8,	-95.1,	-80.6,

SOURCE ID: EG06

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-106.4,	-71.1,	2	12.8,	270.0,	223.9,	-111.0,	-71.5,
3	12.8,	247.8,	251.8,	-112.2,	-69.6,	4	12.8,	218.1,	272.0,		

-110.1, -65.7,
    5   12.8, 181.7, 283.9, -104.5, -59.8,   6   12.8, 139.9, 287.3,
-95.8, -52.0,
    7   12.8,   93.7, 281.9, -84.2, -42.7,   8   12.8, 103.9, 285.9,
-79.0, -35.8,
    9   12.8, 148.8, 289.4, -76.1, -24.1,   10   12.8, 189.2, 284.0,
-70.9, -11.8,
   11   12.8, 223.9, 270.0, -63.5,   1.0,   12   12.8, 251.8, 247.8,
-54.2,   13.7,
   13   12.8, 272.0, 218.1, -43.3,   25.9,   14   12.8, 283.9, 181.7,
-31.1,   37.4,
   15   12.8, 287.3, 139.9, -17.9,   47.8,   16   12.8, 281.9,   93.7,
-4.1,   56.7,
   17   12.8, 285.9, 103.9, -16.2,   64.0,   18   12.8, 289.4, 148.8,
-50.3,   68.6,
   19   12.8, 284.0, 189.2, -82.8,   71.1,   20   12.8, 270.0, 223.9,
-112.9,   71.5,
   21   12.8, 247.8, 251.8, -139.6,   69.6,   22   12.8, 218.1, 272.0,
-161.9,   65.7,
   23   12.8, 181.7, 283.9, -179.4,   59.8,   24   12.8, 139.9, 287.3,
-191.4,   52.0,
   25   12.8,   93.7, 281.9, -197.6,   42.7,   26   12.8, 103.9, 285.9,
-207.0,   35.8,
   27   12.8, 148.8, 289.4, -213.3,   24.1,   28   12.8, 189.2, 284.0,
-213.1,   11.8,
   29   12.8, 223.9, 270.0, -206.5,   -1.0,   30   12.8, 251.8, 247.8,
-193.6, -13.7,
   31   12.8, 272.0, 218.1, -174.8, -25.9,   32   12.8, 283.9, 181.7,
-150.7, -37.4,
   33   12.8, 287.3, 139.9, -122.0, -47.8,   34   12.8, 281.9,   93.7,
-89.6, -56.7,
   35   12.8, 285.9, 103.9, -87.7, -64.0,   36   12.8, 289.4, 148.8,
-98.5, -68.6,

 SOURCE ID: EG07
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -109.0, -65.8,   2   12.8, 270.0, 223.9,
-114.5, -66.7,
    3   12.8, 247.8, 251.8, -116.5, -65.6,   4   12.8, 218.1, 272.0,
-115.0, -62.5,
    5   12.8, 181.7, 283.9, -110.0, -57.4,   6   12.8, 139.9, 287.3,
-101.6, -50.7,
    7   12.8,   93.7, 281.9, -90.1, -42.4,   8   12.8, 103.9, 285.9,
-84.8, -36.4,
    9   12.8, 148.8, 289.4, -81.8, -25.8,   10   12.8, 189.2, 284.0,
-76.2, -14.4,
   11   12.8, 223.9, 270.0, -68.3,   -2.6,   12   12.8, 251.8, 247.8,
-58.3,   9.4,

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   13   12.8,  272.0,  218.1,  -46.6,   21.0,     14   12.8,  283.9,  181.7,
-33.4,   32.0,
   15   12.8,  287.3,  139.9,  -19.3,   42.0,     16   12.8,  281.9,   93.7,
-4.5,   50.8,
   17   12.8,  285.9,  103.9,  -15.5,   58.1,     18   12.8,  289.4,  148.8,
-48.6,   62.9,
   19   12.8,  284.0,  189.2,  -80.2,   65.8,     20   12.8,  270.0,  223.9,
-109.4,   66.7,
   21   12.8,  247.8,  251.8, -135.3,   65.6,     22   12.8,  218.1,  272.0,
-157.0,   62.5,
   23   12.8,  181.7,  283.9, -174.0,   57.4,     24   12.8,  139.9,  287.3,
-185.7,   50.7,
   25   12.8,   93.7,  281.9, -191.7,   42.4,     26   12.8,  103.9,  285.9,
-201.1,   36.4,
   27   12.8,  148.8,  289.4, -207.6,   25.8,     28   12.8,  189.2,  284.0,
-207.8,   14.4,
   29   12.8,  223.9,  270.0, -201.7,    2.6,     30   12.8,  251.8,  247.8,
-189.5,   -9.4,
   31   12.8,  272.0,  218.1, -171.5,  -21.0,     32   12.8,  283.9,  181.7,
-148.3,  -32.0,
   33   12.8,  287.3,  139.9, -120.6,  -42.0,     34   12.8,  281.9,   93.7,
-89.2,  -50.8,
   35   12.8,  285.9,  103.9,  -88.4,  -58.1,     36   12.8,  289.4,  148.8,
-100.2,  -62.9,


 SOURCE ID: EG08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -114.4,  -54.9,      2   12.8,  270.0,  223.9,
-121.7,  -56.9,
    3   12.8,  247.8,  251.8, -125.3,  -57.2,      4   12.8,  218.1,  272.0,
-125.1,  -55.7,
    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
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-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:36:14

                                   PAGE  19
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG09
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -116.3,  -50.2,      2   12.8,  270.0,  223.9,
-124.4,  -52.6,
    3   12.8,  247.8,  251.8, -128.7,  -53.4,      4   12.8,  218.1,  272.0,
-129.1,  -52.6,
    5   12.8,  181.7,  283.9, -125.6,  -50.2,      6   12.8,  139.9,  287.3,
-118.2,  -46.2,
    7   12.8,   93.7,  281.9, -107.3,  -40.9,      8   12.8,  103.9,  285.9,
-102.0,  -38.0,
    9   12.8,  148.8,  289.4,  -98.4,  -30.3,     10   12.8,  189.2,  284.0,
-91.8,  -21.7,
   11   12.8,  223.9,  270.0,  -82.4,  -12.4,     12   12.8,  251.8,  247.8,
-70.5,   -2.8,
   13   12.8,  272.0,  218.1,  -56.4,    6.9,     14   12.8,  283.9,  181.7,
-40.7,   16.4,
   15   12.8,  287.3,  139.9,  -23.7,   25.4,     16   12.8,  281.9,   93.7,
-6.0,   33.7,
   17   12.8,  285.9,  103.9,  -14.0,   41.0,     18   12.8,  289.4,  148.8,
-44.1,   46.3,
   19   12.8,  284.0,  189.2,  -72.9,   50.2,     20   12.8,  270.0,  223.9,
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-99.5,   52.6,
   21   12.8, 247.8, 251.8, -123.1,   53.4,   22   12.8, 218.1, 272.0,
-142.9,   52.6,
   23   12.8, 181.7, 283.9, -158.4,   50.2,   24   12.8, 139.9, 287.3,
-169.1,   46.2,
   25   12.8,   93.7, 281.9, -174.6,   40.9,   26   12.8, 103.9, 285.9,
-184.0,   38.0,
   27   12.8, 148.8, 289.4, -191.0,   30.3,   28   12.8, 189.2, 284.0,
-192.2,   21.7,
   29   12.8, 223.9, 270.0, -187.6,   12.4,   30   12.8, 251.8, 247.8,
-177.3,   2.8,
   31   12.8, 272.0, 218.1, -161.7,   -6.9,   32   12.8, 283.9, 181.7,
-141.1, -16.4,
   33   12.8, 287.3, 139.9, -116.2, -25.4,   34   12.8, 281.9,   93.7,
-87.8, -33.7,
   35   12.8, 285.9, 103.9, -89.9, -41.0,   36   12.8, 289.4, 148.8,
-104.7, -46.3,

 SOURCE ID: EG10
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -121.6, -37.6,   2   12.8, 270.0, 223.9,
-131.8, -41.2,
    3   12.8, 247.8, 251.8, -138.0, -43.4,   4   12.8, 218.1, 272.0,
-140.0, -44.3,
    5   12.8, 181.7, 283.9, -137.7, -43.9,   6   12.8, 139.9, 287.3,
-131.2, -42.2,
    7   12.8,   93.7, 281.9, -120.8, -39.2,   8   12.8, 103.9, 285.9,
-115.6, -38.6,
    9   12.8, 148.8, 289.4, -111.7, -33.3,   10   12.8, 189.2, 284.0,
-104.3, -27.0,
   11   12.8, 223.9, 270.0, -93.8, -19.8,   12   12.8, 251.8, 247.8,
-80.5, -12.1,
   13   12.8, 272.0, 218.1, -64.7,   -3.9,   14   12.8, 283.9, 181.7,
-46.9,   4.3,
   15   12.8, 287.3, 139.9, -27.7,   12.4,   16   12.8, 281.9,   93.7,
-7.7,   20.1,
   17   12.8, 285.9, 103.9, -13.3,   27.4,   18   12.8, 289.4, 148.8,
-41.1,   33.0,
   19   12.8, 284.0, 189.2, -67.6,   37.6,   20   12.8, 270.0, 223.9,
-92.1,   41.2,
   21   12.8, 247.8, 251.8, -113.8,   43.4,   22   12.8, 218.1, 272.0,
-132.0,   44.3,
   23   12.8, 181.7, 283.9, -146.3,   43.9,   24   12.8, 139.9, 287.3,
-156.0,   42.2,
   25   12.8,   93.7, 281.9, -161.1,   39.2,   26   12.8, 103.9, 285.9,
-170.3,   38.6,
   27   12.8, 148.8, 289.4, -177.7,   33.3,   28   12.8, 189.2, 284.0,
-179.7,   27.0,

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   29   12.8,  223.9,  270.0, -176.2,   19.8,     30   12.8,  251.8,  247.8,
-167.3,   12.1,
   31   12.8,  272.0,  218.1, -153.4,    3.9,     32   12.8,  283.9,  181.7,
-134.8,   -4.3,
   33   12.8,  287.3,  139.9, -112.1,  -12.4,     34   12.8,  281.9,   93.7,
-86.0,  -20.1,
   35   12.8,  285.9,  103.9,  -90.5,  -27.4,     36   12.8,  289.4,  148.8,
-107.7,  -33.0,


 SOURCE ID: EG11
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -124.9,  -31.7,      2   12.8,  270.0,  223.9,
-136.1,  -35.9,
    3   12.8,  247.8,  251.8, -143.1,  -39.0,      4   12.8,  218.1,  272.0,
-145.8,  -40.9,
    5   12.8,  181.7,  283.9, -144.1,  -41.5,      6   12.8,  139.9,  287.3,
-137.9,  -40.9,
    7   12.8,   93.7,  281.9, -127.6,  -39.1,      8   12.8,  103.9,  285.9,
-122.3,  -39.7,
    9   12.8,  148.8,  289.4, -118.1,  -35.5,     10   12.8,  189.2,  284.0,
-110.3,  -30.3,
   11   12.8,  223.9,  270.0,  -99.1,  -24.1,     12   12.8,  251.8,  247.8,
-84.9,  -17.2,
   13   12.8,  272.0,  218.1,  -68.2,   -9.8,     14   12.8,  283.9,  181.7,
-49.3,   -2.1,
   15   12.8,  287.3,  139.9,  -29.0,    5.7,     16   12.8,  281.9,   93.7,
-7.8,   13.3,
   17   12.8,  285.9,  103.9,  -12.2,   20.6,     18   12.8,  289.4,  148.8,
-38.9,   26.6,
   19   12.8,  284.0,  189.2,  -64.3,   31.7,     20   12.8,  270.0,  223.9,
-87.8,   35.9,
   21   12.8,  247.8,  251.8, -108.7,   39.0,     22   12.8,  218.1,  272.0,
-126.2,   40.9,
   23   12.8,  181.7,  283.9, -139.9,   41.5,     24   12.8,  139.9,  287.3,
-149.3,   40.9,
   25   12.8,   93.7,  281.9, -154.2,   39.1,     26   12.8,  103.9,  285.9,
-163.6,   39.7,
   27   12.8,  148.8,  289.4, -171.3,   35.5,     28   12.8,  189.2,  284.0,
-173.7,   30.3,
   29   12.8,  223.9,  270.0, -170.9,   24.1,     30   12.8,  251.8,  247.8,
-162.9,   17.2,
   31   12.8,  272.0,  218.1, -149.9,    9.8,     32   12.8,  283.9,  181.7,
-132.4,    2.1,
   33   12.8,  287.3,  139.9, -110.8,   -5.7,     34   12.8,  281.9,   93.7,
-85.9,  -13.3,
   35   12.8,  285.9,  103.9,  -91.6,  -20.6,     36   12.8,  289.4,  148.8,
-110.0,  -26.6,
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SOURCE ID: EG12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-130.1,	-21.4,	2	12.8,	270.0,	223.9,	-143.0,	-26.7,
3	12.8,	247.8,	251.8,	-151.5,	-31.1,	4	12.8,	218.1,	272.0,	-155.4,	-34.6,
5	12.8,	181.7,	283.9,	-154.6,	-37.0,	6	12.8,	139.9,	287.3,	-149.1,	-38.3,
7	12.8,	93.7,	281.9,	-139.1,	-38.4,	8	12.8,	103.9,	285.9,	-133.8,	-41.1,
9	12.8,	148.8,	289.4,	-129.1,	-38.9,	10	12.8,	189.2,	284.0,	-120.6,	-35.5,
11	12.8,	223.9,	270.0,	-108.3,	-31.0,	12	12.8,	251.8,	247.8,	-92.8,	-25.6,
13	12.8,	272.0,	218.1,	-74.5,	-19.4,	14	12.8,	283.9,	181.7,	-53.9,	-12.7,
15	12.8,	287.3,	139.9,	-31.6,	-5.5,	16	12.8,	281.9,	93.7,	-8.4,	1.8,
17	12.8,	285.9,	103.9,	-10.9,	9.2,	18	12.8,	289.4,	148.8,	-35.5,	15.6,
19	12.8,	284.0,	189.2,	-59.1,	21.4,	20	12.8,	270.0,	223.9,	-80.9,	26.7,
21	12.8,	247.8,	251.8,	-100.3,	31.1,	22	12.8,	218.1,	272.0,	-116.6,	34.6,
23	12.8,	181.7,	283.9,	-129.3,	37.0,	24	12.8,	139.9,	287.3,	-138.1,	38.3,
25	12.8,	93.7,	281.9,	-142.8,	38.4,	26	12.8,	103.9,	285.9,	-152.2,	41.1,
27	12.8,	148.8,	289.4,	-160.2,	38.9,	28	12.8,	189.2,	284.0,	-163.4,	35.5,
29	12.8,	223.9,	270.0,	-161.7,	31.0,	30	12.8,	251.8,	247.8,	-155.0,	25.6,
31	12.8,	272.0,	218.1,	-143.6,	19.4,	32	12.8,	283.9,	181.7,	-127.8,	12.7,
33	12.8,	287.3,	139.9,	-108.2,	5.5,	34	12.8,	281.9,	93.7,	-85.3,	-1.8,
35	12.8,	285.9,	103.9,	-93.0,	-9.2,	36	12.8,	289.4,	148.8,	-113.3,	-15.6,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING

DIMENSIONS ***

SOURCE ID: EG13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-132.6,	-15.5,	2	12.8,	270.0,	223.9,	-146.5,	-21.2,
3	12.8,	247.8,	251.8,	-155.9,	-26.4,	4	12.8,	218.1,	272.0,	-160.6,	-30.7,
5	12.8,	181.7,	283.9,	-160.4,	-34.0,	6	12.8,	139.9,	287.3,	-155.3,	-36.4,
7	12.8,	93.7,	281.9,	-145.5,	-37.6,	8	12.8,	103.9,	285.9,	-140.2,	-41.4,
9	12.8,	148.8,	289.4,	-135.4,	-40.3,	10	12.8,	189.2,	284.0,	-126.5,	-38.0,
11	12.8,	223.9,	270.0,	-113.8,	-34.5,	12	12.8,	251.8,	247.8,	-97.5,	-30.0,
13	12.8,	272.0,	218.1,	-78.4,	-24.6,	14	12.8,	283.9,	181.7,	-56.8,	-18.4,
15	12.8,	287.3,	139.9,	-33.5,	-11.7,	16	12.8,	281.9,	93.7,	-9.2,	-4.6,
17	12.8,	285.9,	103.9,	-10.6,	2.8,	18	12.8,	289.4,	148.8,	-34.1,	9.3,
19	12.8,	284.0,	189.2,	-56.6,	15.5,	20	12.8,	270.0,	223.9,	-77.4,	21.2,
21	12.8,	247.8,	251.8,	-95.9,	26.4,	22	12.8,	218.1,	272.0,	-111.4,	30.7,
23	12.8,	181.7,	283.9,	-123.6,	34.0,	24	12.8,	139.9,	287.3,	-132.0,	36.4,
25	12.8,	93.7,	281.9,	-136.4,	37.6,	26	12.8,	103.9,	285.9,	-145.7,	41.4,
27	12.8,	148.8,	289.4,	-154.0,	40.3,	28	12.8,	189.2,	284.0,	-157.5,	38.0,
29	12.8,	223.9,	270.0,	-156.2,	34.5,	30	12.8,	251.8,	247.8,	-150.3,	30.0,
31	12.8,	272.0,	218.1,	-139.7,	24.6,	32	12.8,	283.9,	181.7,	-124.9,	18.4,
33	12.8,	287.3,	139.9,	-106.3,	11.7,	34	12.8,	281.9,	93.7,	-84.5,	4.6,
35	12.8,	285.9,	103.9,	-93.3,	-2.8,	36	12.8,	289.4,	148.8,	-114.7,	-9.3,

SOURCE ID: EG14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-137.7,	-4.3,	2	12.8,	270.0,	223.9,	-153.4,	-11.1,
3	12.8,	247.8,	251.8,	-164.5,	-17.6,	4	12.8,	218.1,	272.0,		

-170.6, -23.5,
    5   12.8, 181.7, 283.9, -171.5, -28.8,   6   12.8, 139.9, 287.3,
-167.1, -33.1,
    7   12.8,   93.7, 281.9, -157.7, -36.4,   8   12.8, 103.9, 285.9,
-152.5, -42.3,
    9   12.8, 148.8, 289.4, -147.3, -43.4,   10   12.8, 189.2, 284.0,
-137.7, -43.1,
   11   12.8, 223.9, 270.0, -123.9, -41.5,   12   12.8, 251.8, 247.8,
-106.3, -38.6,
   13   12.8, 272.0, 218.1, -85.5, -34.6,   14   12.8, 283.9, 181.7,
-62.1, -29.5,
   15   12.8, 287.3, 139.9, -36.8, -23.5,   16   12.8, 281.9,   93.7,
-10.4, -16.8,
   17   12.8, 285.9, 103.9,   -9.6,   -9.5,   18   12.8, 289.4, 148.8,
-31.0,   -2.6,
   19   12.8, 284.0, 189.2, -51.5,   4.3,   20   12.8, 270.0, 223.9,
-70.5,   11.1,
   21   12.8, 247.8, 251.8, -87.3,   17.6,   22   12.8, 218.1, 272.0,
-101.4,   23.5,
   23   12.8, 181.7, 283.9, -112.5,   28.8,   24   12.8, 139.9, 287.3,
-120.1,   33.1,
   25   12.8,   93.7, 281.9, -124.1,   36.4,   26   12.8, 103.9, 285.9,
-133.5,   42.3,
   27   12.8, 148.8, 289.4, -142.1,   43.4,   28   12.8, 189.2, 284.0,
-146.3,   43.1,
   29   12.8, 223.9, 270.0, -146.1,   41.5,   30   12.8, 251.8, 247.8,
-141.5,   38.6,
   31   12.8, 272.0, 218.1, -132.6,   34.6,   32   12.8, 283.9, 181.7,
-119.6,   29.5,
   33   12.8, 287.3, 139.9, -103.0,   23.5,   34   12.8, 281.9,   93.7,
-83.3,   16.8,
   35   12.8, 285.9, 103.9, -94.3,   9.5,   36   12.8, 289.4, 148.8,
-117.8,   2.6,

 SOURCE ID: EG15
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -140.3,   1.4,   2   12.8, 270.0, 223.9,
-157.0,   -5.9,
    3   12.8, 247.8, 251.8, -168.9, -13.1,   4   12.8, 218.1, 272.0,
-175.7, -19.9,
    5   12.8, 181.7, 283.9, -177.1, -26.0,   6   12.8, 139.9, 287.3,
-173.2, -31.4,
    7   12.8,   93.7, 281.9, -164.0, -35.8,   8   12.8, 103.9, 285.9,
-158.7, -42.8,
    9   12.8, 148.8, 289.4, -153.4, -44.9,   10   12.8, 189.2, 284.0,
-143.4, -45.6,
   11   12.8, 223.9, 270.0, -129.1, -45.0,   12   12.8, 251.8, 247.8,
-110.8, -43.0,

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   13   12.8,  272.0,  218.1,  -89.2,  -39.7,     14   12.8,  283.9,  181.7,
-64.8,  -35.1,
   15   12.8,  287.3,  139.9,  -38.5,  -29.5,     16   12.8,  281.9,   93.7,
-11.1,  -23.1,
   17   12.8,  285.9,  103.9,   -9.1,  -15.7,     18   12.8,  289.4,  148.8,
-29.5,   -8.7,
   19   12.8,  284.0,  189.2,  -49.0,   -1.4,     20   12.8,  270.0,  223.9,
-67.0,    5.9,
   21   12.8,  247.8,  251.8,  -82.9,   13.1,     22   12.8,  218.1,  272.0,
-96.3,   19.9,
   23   12.8,  181.7,  283.9, -106.8,   26.0,     24   12.8,  139.9,  287.3,
-114.1,   31.4,
   25   12.8,   93.7,  281.9, -117.9,   35.8,     26   12.8,  103.9,  285.9,
-127.2,   42.8,
   27   12.8,  148.8,  289.4, -136.0,   44.9,     28   12.8,  189.2,  284.0,
-140.6,   45.6,
   29   12.8,  223.9,  270.0, -140.9,   45.0,     30   12.8,  251.8,  247.8,
-137.0,   43.0,
   31   12.8,  272.0,  218.1, -128.9,   39.7,     32   12.8,  283.9,  181.7,
-116.9,   35.1,
   33   12.8,  287.3,  139.9, -101.3,   29.5,     34   12.8,  281.9,   93.7,
-82.7,   23.1,
   35   12.8,  285.9,  103.9,  -94.8,   15.7,     36   12.8,  289.4,  148.8,
-119.3,    8.7,


 SOURCE ID: EG16
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -145.7,   12.1,      2   12.8,  270.0,  223.9,
-164.1,    3.6,
    3   12.8,  247.8,  251.8, -177.6,   -4.9,      4   12.8,  218.1,  272.0,
-185.7,  -13.4,
    5   12.8,  181.7,  283.9, -188.1,  -21.4,      6   12.8,  139.9,  287.3,
-184.8,  -28.7,
    7   12.8,   93.7,  281.9, -175.9,  -35.2,      8   12.8,  103.9,  285.9,
-170.6,  -44.2,
    9   12.8,  148.8,  289.4, -164.8,  -48.4,     10   12.8,  189.2,  284.0,
-154.1,  -51.1,
   11   12.8,  223.9,  270.0, -138.6,  -52.2,     12   12.8,  251.8,  247.8,
-119.0,  -51.7,
   13   12.8,  272.0,  218.1,  -95.7,  -49.7,     14   12.8,  283.9,  181.7,
-69.5,  -46.1,
   15   12.8,  287.3,  139.9,  -41.2,  -41.2,     16   12.8,  281.9,   93.7,
-11.7,  -35.0,
   17   12.8,  285.9,  103.9,   -7.7,  -27.6,     18   12.8,  289.4,  148.8,
-26.0,  -20.1,
   19   12.8,  284.0,  189.2,  -43.5,  -12.1,     20   12.8,  270.0,  223.9,
-59.8,   -3.6,
   21   12.8,  247.8,  251.8,  -74.2,    4.9,     22   12.8,  218.1,  272.0,
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-86.3,   13.4,
   23   12.8, 181.7, 283.9, -95.8,   21.4,   24   12.8, 139.9, 287.3,
-102.5,   28.7,
   25   12.8,   93.7, 281.9, -106.0,   35.2,   26   12.8, 103.9, 285.9,
-115.4,   44.2,
   27   12.8, 148.8, 289.4, -124.5,   48.4,   28   12.8, 189.2, 284.0,
-130.0,   51.1,
   29   12.8, 223.9, 270.0, -131.4,   52.2,   30   12.8, 251.8, 247.8,
-128.9,   51.7,
   31   12.8, 272.0, 218.1, -122.4,   49.7,   32   12.8, 283.9, 181.7,
-112.2,   46.1,
   33   12.8, 287.3, 139.9, -98.6,   41.2,   34   12.8, 281.9,   93.7,
-82.0,   35.0,
   35   12.8, 285.9, 103.9, -96.2,   27.6,   36   12.8, 289.4, 148.8,
-122.8,   20.1,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG17
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -147.9,   18.4,   2   12.8, 270.0, 223.9,
-167.4,   9.5,
    3   12.8, 247.8, 251.8, -181.9,   0.2,   4   12.8, 218.1, 272.0,
-190.8,   -9.0,
    5   12.8, 181.7, 283.9, -193.9, -17.9,   6   12.8, 139.9, 287.3,
-191.1, -26.3,
    7   12.8,   93.7, 281.9, -182.5, -33.9,   8   12.8, 103.9, 285.9,
-177.3, -44.2,
    9   12.8, 148.8, 289.4, -171.4, -49.5,   10   12.8, 189.2, 284.0,
-160.4, -53.3,
   11   12.8, 223.9, 270.0, -144.5, -55.5,   12   12.8, 251.8, 247.8,
-124.1, -56.0,
   13   12.8, 272.0, 218.1, -100.1, -54.8,   14   12.8, 283.9, 181.7,
-72.9, -51.9,
   15   12.8, 287.3, 139.9, -43.6, -47.4,   16   12.8, 281.9,   93.7,
-12.9, -41.6,
   17   12.8, 285.9, 103.9,   -7.8, -34.3,   18   12.8, 289.4, 148.8,
-24.9, -26.7,
   19   12.8, 284.0, 189.2, -41.3, -18.4,   20   12.8, 270.0, 223.9,

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-56.5,   -9.5,
   21   12.8,  247.8,  251.8,  -69.9,   -0.2,     22   12.8,  218.1,  272.0,
-81.2,    9.0,
   23   12.8,  181.7,  283.9,  -90.1,   17.9,     24   12.8,  139.9,  287.3,
-96.2,   26.3,
   25   12.8,   93.7,  281.9,  -99.4,   33.9,     26   12.8,  103.9,  285.9,
-108.7,   44.2,
   27   12.8,  148.8,  289.4, -117.9,   49.5,     28   12.8,  189.2,  284.0,
-123.6,   53.3,
   29   12.8,  223.9,  270.0, -125.5,   55.5,     30   12.8,  251.8,  247.8,
-123.7,   56.0,
   31   12.8,  272.0,  218.1, -118.0,   54.8,     32   12.8,  283.9,  181.7,
-108.8,   51.9,
   33   12.8,  287.3,  139.9,  -96.3,   47.4,     34   12.8,  281.9,   93.7,
-80.8,   41.6,
   35   12.8,  285.9,  103.9,  -96.1,   34.3,     36   12.8,  289.4,  148.8,
-123.9,   26.7,


 SOURCE ID: EG18
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -153.6,   29.0,      2   12.8,  270.0,  223.9,
-174.8,   18.9,
    3   12.8,  247.8,  251.8, -190.8,    8.3,      4   12.8,  218.1,  272.0,
-201.0,   -2.6,
    5   12.8,  181.7,  283.9, -205.0,  -13.4,      6   12.8,  139.9,  287.3,
-202.9,  -23.9,
    7   12.8,   93.7,  281.9, -194.5,  -33.5,      8   12.8,  103.9,  285.9,
-189.2,  -45.9,
    9   12.8,  148.8,  289.4, -182.9,  -53.2,     10   12.8,  189.2,  284.0,
-171.0,  -58.9,
   11   12.8,  223.9,  270.0, -153.9,  -62.9,     12   12.8,  251.8,  247.8,
-132.2,  -64.9,
   13   12.8,  272.0,  218.1, -106.4,  -65.0,     14   12.8,  283.9,  181.7,
-77.4,  -63.0,
   15   12.8,  287.3,  139.9,  -46.1,  -59.2,     16   12.8,  281.9,   93.7,
-13.3,  -53.6,
   17   12.8,  285.9,  103.9,   -6.1,  -46.2,     18   12.8,  289.4,  148.8,
-21.2,  -38.2,
   19   12.8,  284.0,  189.2,  -35.7,  -29.0,     20   12.8,  270.0,  223.9,
-49.1,  -18.9,
   21   12.8,  247.8,  251.8,  -61.0,   -8.3,     22   12.8,  218.1,  272.0,
-71.0,    2.6,
   23   12.8,  181.7,  283.9,  -78.9,   13.4,     24   12.8,  139.9,  287.3,
-84.4,   23.9,
   25   12.8,   93.7,  281.9,  -87.4,   33.5,     26   12.8,  103.9,  285.9,
-96.8,   45.9,
   27   12.8,  148.8,  289.4, -106.5,   53.2,     28   12.8,  189.2,  284.0,
-113.0,   58.9,
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   29   12.8,  223.9,  270.0, -116.1,   62.9,     30   12.8,  251.8,  247.8,
-115.6,   64.9,
   31   12.8,  272.0,  218.1, -111.7,   65.0,     32   12.8,  283.9,  181.7,
-104.3,   63.0,
   33   12.8,  287.3,  139.9,  -93.8,   59.2,     34   12.8,  281.9,   93.7,
-80.4,   53.6,
   35   12.8,  285.9,  103.9,  -97.8,   46.2,     36   12.8,  289.4,  148.8,
-127.6,   38.2,


 SOURCE ID: EG19
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -156.2,   34.8,      2   12.8,  270.0,  223.9,
-178.4,   24.1,
    3   12.8,  247.8,  251.8, -195.2,   12.8,      4   12.8,  218.1,  272.0,
-206.1,    1.1,
    5   12.8,  181.7,  283.9, -210.7,  -10.7,      6   12.8,  139.9,  287.3,
-208.9,  -22.1,
    7   12.8,   93.7,  281.9, -200.8,  -32.9,      8   12.8,  103.9,  285.9,
-195.5,  -46.3,
    9   12.8,  148.8,  289.4, -189.0,  -54.8,     10   12.8,  189.2,  284.0,
-176.8,  -61.5,
   11   12.8,  223.9,  270.0, -159.2,  -66.5,     12   12.8,  251.8,  247.8,
-136.7,  -69.3,
   13   12.8,  272.0,  218.1, -110.1,  -70.1,     14   12.8,  283.9,  181.7,
-80.2,  -68.8,
   15   12.8,  287.3,  139.9,  -47.8,  -65.3,     16   12.8,  281.9,   93.7,
-14.0,  -59.9,
   17   12.8,  285.9,  103.9,   -5.6,  -52.5,     18   12.8,  289.4,  148.8,
-19.6,  -44.3,
   19   12.8,  284.0,  189.2,  -33.1,  -34.8,     20   12.8,  270.0,  223.9,
-45.5,  -24.1,
   21   12.8,  247.8,  251.8,  -56.6,  -12.8,     22   12.8,  218.1,  272.0,
-65.9,   -1.1,
   23   12.8,  181.7,  283.9,  -73.2,   10.7,     24   12.8,  139.9,  287.3,
-78.3,   22.1,
   25   12.8,   93.7,  281.9,  -81.1,   32.9,     26   12.8,  103.9,  285.9,
-90.5,   46.3,
   27   12.8,  148.8,  289.4, -100.4,   54.8,     28   12.8,  189.2,  284.0,
-107.2,   61.5,
   29   12.8,  223.9,  270.0, -110.9,   66.5,     30   12.8,  251.8,  247.8,
-111.1,   69.3,
   31   12.8,  272.0,  218.1, -108.0,   70.1,     32   12.8,  283.9,  181.7,
-101.6,   68.8,
   33   12.8,  287.3,  139.9,  -92.1,   65.3,     34   12.8,  281.9,   93.7,
-79.8,   59.9,
   35   12.8,  285.9,  103.9,  -98.3,   52.5,     36   12.8,  289.4,  148.8,
-129.2,   44.3,
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SOURCE ID: EG20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-161.3,	45.8,	2	12.8,	270.0,	223.9,	-185.4,	34.1,
3	12.8,	247.8,	251.8,	-203.8,	21.4,	4	12.8,	218.1,	272.0,	-216.1,	8.1,
5	12.8,	181.7,	283.9,	-221.8,	-5.5,	6	12.8,	139.9,	287.3,	-220.7,	-19.0,
7	12.8,	93.7,	281.9,	-213.0,	-31.8,	8	12.8,	103.9,	285.9,	-207.6,	-47.4,
9	12.8,	148.8,	289.4,	-200.8,	-57.9,	10	12.8,	189.2,	284.0,	-187.8,	-66.7,
11	12.8,	223.9,	270.0,	-169.2,	-73.4,	12	12.8,	251.8,	247.8,	-145.3,	-77.9,
13	12.8,	272.0,	218.1,	-117.1,	-80.1,	14	12.8,	283.9,	181.7,	-85.3,	-79.8,
15	12.8,	287.3,	139.9,	-51.0,	-77.1,	16	12.8,	281.9,	93.7,	-15.1,	-72.0,
17	12.8,	285.9,	103.9,	-4.6,	-64.7,	18	12.8,	289.4,	148.8,	-16.5,	-56.1,
19	12.8,	284.0,	189.2,	-27.9,	-45.8,	20	12.8,	270.0,	223.9,	-38.5,	-34.1,
21	12.8,	247.8,	251.8,	-48.0,	-21.4,	22	12.8,	218.1,	272.0,	-55.9,	-8.1,
23	12.8,	181.7,	283.9,	-62.2,	5.5,	24	12.8,	139.9,	287.3,	-66.6,	19.0,
25	12.8,	93.7,	281.9,	-68.9,	31.8,	26	12.8,	103.9,	285.9,	-78.3,	47.4,
27	12.8,	148.8,	289.4,	-88.6,	57.9,	28	12.8,	189.2,	284.0,	-96.2,	66.7,
29	12.8,	223.9,	270.0,	-100.9,	73.4,	30	12.8,	251.8,	247.8,	-102.5,	77.9,
31	12.8,	272.0,	218.1,	-101.0,	80.1,	32	12.8,	283.9,	181.7,	-96.4,	79.8,
33	12.8,	287.3,	139.9,	-88.9,	77.1,	34	12.8,	281.9,	93.7,	-78.7,	72.0,
35	12.8,	285.9,	103.9,	-99.3,	64.7,	36	12.8,	289.4,	148.8,	-132.3,	56.1,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING

DIMENSIONS ***

SOURCE ID: EG21

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-164.0,	51.3,	2	12.8,	270.0,	223.9,	-189.0,	39.1,
3	12.8,	247.8,	251.8,	-208.2,	25.7,	4	12.8,	218.1,	272.0,	-221.2,	11.5,
5	12.8,	181.7,	283.9,	-227.4,	-3.0,	6	12.8,	139.9,	287.3,	-226.7,	-17.5,
7	12.8,	93.7,	281.9,	-219.1,	-31.4,	8	12.8,	103.9,	285.9,	-213.7,	-48.0,
9	12.8,	148.8,	289.4,	-206.7,	-59.6,	10	12.8,	189.2,	284.0,	-193.3,	-69.3,
11	12.8,	223.9,	270.0,	-174.1,	-77.0,	12	12.8,	251.8,	247.8,	-149.6,	-82.3,
13	12.8,	272.0,	218.1,	-120.6,	-85.1,	14	12.8,	283.9,	181.7,	-87.8,	-85.4,
15	12.8,	287.3,	139.9,	-52.5,	-83.0,	16	12.8,	281.9,	93.7,	-15.5,	-78.1,
17	12.8,	285.9,	103.9,	-3.9,	-70.8,	18	12.8,	289.4,	148.8,	-14.8,	-62.0,
19	12.8,	284.0,	189.2,	-25.3,	-51.3,	20	12.8,	270.0,	223.9,	-34.9,	-39.1,
21	12.8,	247.8,	251.8,	-43.5,	-25.7,	22	12.8,	218.1,	272.0,	-50.8,	-11.5,
23	12.8,	181.7,	283.9,	-56.6,	3.0,	24	12.8,	139.9,	287.3,	-60.6,	17.5,
25	12.8,	93.7,	281.9,	-62.8,	31.4,	26	12.8,	103.9,	285.9,	-72.2,	48.0,
27	12.8,	148.8,	289.4,	-82.7,	59.6,	28	12.8,	189.2,	284.0,	-90.7,	69.3,
29	12.8,	223.9,	270.0,	-95.9,	77.0,	30	12.8,	251.8,	247.8,	-98.2,	82.3,
31	12.8,	272.0,	218.1,	-97.5,	85.1,	32	12.8,	283.9,	181.7,	-93.9,	85.4,
33	12.8,	287.3,	139.9,	-87.4,	83.0,	34	12.8,	281.9,	93.7,	-78.2,	78.1,
35	12.8,	285.9,	103.9,	-99.9,	70.8,	36	12.8,	289.4,	148.8,	-134.0,	62.0,

SOURCE ID: EG22

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-168.6,	62.3,	2	12.8,	270.0,	223.9,	-195.4,	49.2,
3	12.8,	247.8,	251.8,	-216.3,	34.5,	4	12.8,	218.1,	272.0,		

-230.7,   18.8,
    5   12.8, 181.7, 283.9, -238.0,   2.4,   6   12.8, 139.9, 287.3,
-238.1, -13.9,
    7   12.8,   93.7, 281.9, -230.9, -29.9,   8   12.8, 103.9, 285.9,
-225.7, -48.6,
    9   12.8, 148.8, 289.4, -218.3, -62.2,   10   12.8, 189.2, 284.0,
-204.4, -74.0,
   11   12.8, 223.9, 270.0, -184.2, -83.5,   12   12.8, 251.8, 247.8,
-158.4, -90.5,
   13   12.8, 272.0, 218.1, -127.8, -94.7,   14   12.8, 283.9, 181.7,
-93.3, -96.0,
   15   12.8, 287.3, 139.9, -56.0, -94.4,   16   12.8, 281.9,   93.7,
-17.0, -90.0,
   17   12.8, 285.9, 103.9,   -3.3, -82.7,   18   12.8, 289.4, 148.8,
-12.2, -73.6,
   19   12.8, 284.0, 189.2, -20.6, -62.3,   20   12.8, 270.0, 223.9,
-28.5, -49.2,
   21   12.8, 247.8, 251.8, -35.4, -34.5,   22   12.8, 218.1, 272.0,
-41.3, -18.8,
   23   12.8, 181.7, 283.9, -46.0,   -2.4,   24   12.8, 139.9, 287.3,
-49.2,   13.9,
   25   12.8,   93.7, 281.9, -50.9,   29.9,   26   12.8, 103.9, 285.9,
-60.3,   48.6,
   27   12.8, 148.8, 289.4, -71.0,   62.2,   28   12.8, 189.2, 284.0,
-79.6,   74.0,
   29   12.8, 223.9, 270.0, -85.8,   83.5,   30   12.8, 251.8, 247.8,
-89.4,   90.5,
   31   12.8, 272.0, 218.1, -90.3,   94.7,   32   12.8, 283.9, 181.7,
-88.4,   96.0,
   33   12.8, 287.3, 139.9, -83.8,   94.4,   34   12.8, 281.9,   93.7,
-76.7,   90.0,
   35   12.8, 285.9, 103.9, -100.5,   82.7,   36   12.8, 289.4, 148.8,
-136.6,   73.6,

 SOURCE ID: EG23
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -171.8,   68.3,   2   12.8, 270.0, 223.9,
-199.7,   54.4,
    3   12.8, 247.8, 251.8, -221.4,   38.9,   4   12.8, 218.1, 272.0,
-236.4,   22.2,
    5   12.8, 181.7, 283.9, -244.3,   4.9,   6   12.8, 139.9, 287.3,
-244.7, -12.6,
    7   12.8,   93.7, 281.9, -237.7, -29.7,   8   12.8, 103.9, 285.9,
-232.3, -49.6,
    9   12.8, 148.8, 289.4, -224.7, -64.4,   10   12.8, 189.2, 284.0,
-210.3, -77.2,
   11   12.8, 223.9, 270.0, -189.4, -87.7,   12   12.8, 251.8, 247.8,
-162.8, -95.5,

```
   13   12.8,  272.0,  218.1, -131.3, -100.4,     14   12.8,  283.9,  181.7,
-95.8, -102.3,
   15   12.8,  287.3,  139.9,  -57.3, -101.0,     16   12.8,  281.9,   93.7,
-17.1,  -96.7,
   17   12.8,  285.9,  103.9,   -2.3,  -89.4,     18   12.8,  289.4,  148.8,
-10.0,  -80.0,
   19   12.8,  284.0,  189.2,  -17.4,  -68.3,     20   12.8,  270.0,  223.9,
-24.2,  -54.4,
   21   12.8,  247.8,  251.8,  -30.4,  -38.9,     22   12.8,  218.1,  272.0,
-35.6,  -22.2,
   23   12.8,  181.7,  283.9,  -39.7,   -4.9,     24   12.8,  139.9,  287.3,
-42.6,   12.6,
   25   12.8,   93.7,  281.9,  -44.2,   29.7,     26   12.8,  103.9,  285.9,
-53.6,   49.6,
   27   12.8,  148.8,  289.4,  -64.7,   64.4,     28   12.8,  189.2,  284.0,
-73.7,   77.2,
   29   12.8,  223.9,  270.0,  -80.6,   87.7,     30   12.8,  251.8,  247.8,
-85.0,   95.5,
   31   12.8,  272.0,  218.1,  -86.8,  100.4,     32   12.8,  283.9,  181.7,
-86.0,  102.3,
   33   12.8,  287.3,  139.9,  -82.5,  101.0,     34   12.8,  281.9,   93.7,
-76.6,   96.7,
   35   12.8,  285.9,  103.9, -101.5,   89.4,     36   12.8,  289.4,  148.8,
-138.8,   80.0,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
```

```
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       15:36:14

                                  PAGE  23
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG02   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = EG03          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG04          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG05   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG06   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG07   ; SOURCE TYPE = POINT   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  30
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG08         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG09   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG10   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG11   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG12 ; SOURCE TYPE = POINT :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG13   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG14 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG15 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  38
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG16          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  39
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG17         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG18 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG19 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG20   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  43
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG21         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  44
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG22 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG23 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  46
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG24         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (396558.3, 3766771.1,   87.6,   105.5,   2.0);   (396598.3,
3766771.1,   91.2,   105.5,   2.0);
     (396638.3, 3766771.1,   99.2,   100.5,   2.0);   (396678.3,
3766771.1,   103.0,   103.0,   2.0);
     (396718.3, 3766771.1,   105.1,   105.1,   2.0);   (396758.3,
3766771.1,   104.2,   105.0,   2.0);
     (396798.3, 3766771.1,   100.8,   100.8,   2.0);   (396838.3,
3766771.1,   100.7,   100.7,   2.0);
     (396878.3, 3766771.1,   100.6,   100.6,   2.0);   (396918.3,
3766771.1,   101.1,   101.1,   2.0);
     (396958.3, 3766771.1,   101.5,   101.5,   2.0);   (396998.3,
3766771.1,   101.5,   101.5,   2.0);
     (397038.3, 3766771.1,   101.3,   101.3,   2.0);   (397078.3,
3766771.1,   101.1,   185.1,   2.0);
     (397118.3, 3766771.1,   100.2,   185.1,   2.0);   (397158.3,
3766771.1,   98.7,   187.7,   2.0);
     (397198.3, 3766771.1,   98.3,   188.4,   2.0);   (397238.3,
3766771.1,   98.6,   188.6,   2.0);
     (397278.3, 3766771.1,   99.2,   188.6,   2.0);   (397318.3,
3766771.1,   99.9,   188.6,   2.0);
     (397358.3, 3766771.1,   100.6,   188.6,   2.0);   (397398.3,
3766771.1,   101.5,   189.8,   2.0);
     (397438.3, 3766771.1,   102.2,   191.1,   2.0);   (397478.3,
3766771.1,   103.1,   191.1,   2.0);
     (397518.3, 3766771.1,   103.9,   191.1,   2.0);   (397558.3,
3766771.1,   104.6,   191.1,   2.0);
     (397598.3, 3766771.1,   105.3,   191.1,   2.0);   (397638.3,
3766771.1,   106.0,   191.1,   2.0);
     (397678.3, 3766771.1,   106.6,   191.1,   2.0);   (397718.3,
3766771.1,   106.6,   191.1,   2.0);
     (396558.3, 3766811.1,   87.7,   105.5,   2.0);   (396598.3,
3766811.1,   89.4,   105.5,   2.0);
     (396638.3, 3766811.1,   97.3,   104.7,   2.0);   (396678.3,
3766811.1,   102.7,   104.1,   2.0);

```
     ( 396718.3, 3766811.1,     102.9,     102.9,       2.0);         ( 396758.3,
3766811.1,     100.1,     105.5,       2.0);
     ( 396798.3, 3766811.1,     100.2,     100.2,       2.0);         ( 396838.3,
3766811.1,     100.5,     100.5,       2.0);
     ( 396878.3, 3766811.1,     100.7,     100.7,       2.0);         ( 396918.3,
3766811.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766811.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766811.1,     102.4,     102.4,       2.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       2.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       2.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       2.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       2.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       2.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       2.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       2.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       2.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       2.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       2.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       2.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       2.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       2.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       2.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       2.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       2.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       2.0);
     ( 397438.3, 3766851.1,     103.2,     189.8,       2.0);         ( 397478.3,
3766851.1,     104.0,     190.2,       2.0);
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(397518.3, 3766851.1, 104.7, 191.1, 2.0); (397558.3, 3766851.1, 105.4, 191.1, 2.0);
(397598.3, 3766851.1, 106.1, 191.1, 2.0); (397638.3, 3766851.1, 106.8, 191.1, 2.0);
(397678.3, 3766851.1, 107.5, 191.1, 2.0); (397718.3, 3766851.1, 108.2, 191.1, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766891.1, 89.9, 133.9, 2.0); (396598.3, 3766891.1, 89.3, 133.9, 2.0);
(396638.3, 3766891.1, 91.7, 104.7, 2.0); (396678.3, 3766891.1, 96.0, 96.0, 2.0);
(396718.3, 3766891.1, 97.4, 97.4, 2.0); (396758.3, 3766891.1, 98.2, 98.2, 2.0);
(396798.3, 3766891.1, 98.9, 98.9, 2.0); (396838.3, 3766891.1, 99.6, 99.6, 2.0);
(396878.3, 3766891.1, 100.9, 100.9, 2.0); (396918.3, 3766891.1, 100.8, 100.8, 2.0);
(396958.3, 3766891.1, 101.7, 101.7, 2.0); (396998.3, 3766891.1, 102.5, 102.5, 2.0);
(397038.3, 3766891.1, 103.1, 103.1, 2.0); (397078.3, 3766891.1, 105.4, 105.4, 2.0);
(397118.3, 3766891.1, 106.4, 106.4, 2.0); (397158.3, 3766891.1, 105.5, 105.5, 2.0);
(397198.3, 3766891.1, 106.8, 106.8, 2.0); (397238.3, 3766891.1, 106.2, 106.2, 2.0);
(397278.3, 3766891.1, 106.0, 106.0, 2.0); (397318.3, 3766891.1, 105.6, 184.0, 2.0);
(397358.3, 3766891.1, 104.0, 188.3, 2.0); (397398.3, 3766891.1, 102.9, 188.6, 2.0);
(397438.3, 3766891.1, 103.4, 188.6, 2.0); (397478.3, 3766891.1, 104.2, 189.8, 2.0);
(397518.3, 3766891.1, 105.2, 190.2, 2.0); (397558.3, 3766891.1, 105.8, 191.1, 2.0);
(397598.3, 3766891.1, 106.5, 191.1, 2.0); (397638.3, 3766891.1, 107.2, 191.1, 2.0);
(397678.3, 3766891.1, 107.9, 191.1, 2.0); (397718.3, 3766891.1, 108.8, 191.1, 2.0);
(396558.3, 3766931.1, 91.6, 135.0, 2.0); (396598.3, 3766931.1, 91.1, 135.0, 2.0);

```
     ( 396638.3, 3766931.1,      93.8,      93.8,       2.0);         ( 396678.3,
3766931.1,      94.9,      94.9,       2.0);
     ( 396718.3, 3766931.1,      97.3,      97.3,       2.0);         ( 396758.3,
3766931.1,      98.4,      98.4,       2.0);
     ( 396798.3, 3766931.1,      99.1,      99.1,       2.0);         ( 396838.3,
3766931.1,      99.5,      99.5,       2.0);
     ( 396878.3, 3766931.1,     100.0,     100.0,       2.0);         ( 396918.3,
3766931.1,     100.6,     100.6,       2.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       2.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       2.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       2.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       2.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       2.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       2.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       2.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       2.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       2.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       2.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       2.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       2.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       2.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       2.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       2.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       2.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       2.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       2.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       2.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       2.0);         ( 396598.3,
3766971.1,      92.7,     135.5,       2.0);
     ( 396638.3, 3766971.1,      94.0,     135.0,       2.0);         ( 396678.3,
3766971.1,      95.0,     133.9,       2.0);
     ( 396718.3, 3766971.1,      96.8,      96.8,       2.0);         ( 396758.3,
3766971.1,      98.2,      98.2,       2.0);
     ( 396798.3, 3766971.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766971.1,     100.1,     100.1,       2.0);
     ( 396878.3, 3766971.1,     100.1,     100.1,       2.0);         ( 396918.3,
3766971.1,     100.5,     100.5,       2.0);
     ( 396958.3, 3766971.1,     101.3,     134.6,       2.0);         ( 396998.3,
3766971.1,     103.3,     103.3,       2.0);
     ( 397038.3, 3766971.1,     105.5,     105.5,       2.0);         ( 397078.3,
3766971.1,     107.4,     107.4,       2.0);
     ( 397118.3, 3766971.1,     109.2,     109.2,       2.0);         ( 397158.3,
3766971.1,     109.7,     109.7,       2.0);
     ( 397198.3, 3766971.1,     109.7,     109.7,       2.0);         ( 397238.3,
3766971.1,     109.6,     109.6,       2.0);
     ( 397278.3, 3766971.1,     109.3,     149.0,       2.0);         ( 397318.3,
3766971.1,     110.3,     149.0,       2.0);
     ( 397358.3, 3766971.1,     115.5,     117.7,       2.0);         ( 397398.3,
3766971.1,     114.0,     118.2,       2.0);
```

(397438.3, 3766971.1, 109.0, 149.0, 2.0); (397478.3, 3766971.1, 107.3, 186.4, 2.0);
(397518.3, 3766971.1, 107.2, 188.3, 2.0); (397558.3, 3766971.1, 107.1, 188.6, 2.0);
(397598.3, 3766971.1, 107.4, 190.2, 2.0); (397638.3, 3766971.1, 107.7, 190.6, 2.0);
(397678.3, 3766971.1, 107.8, 191.1, 2.0); (397718.3, 3766971.1, 110.6, 191.1, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3767011.1, 94.7, 135.7, 2.0); (396598.3, 3767011.1, 93.5, 135.7, 2.0);
(396638.3, 3767011.1, 94.6, 135.5, 2.0); (396678.3, 3767011.1, 96.0, 135.0, 2.0);
(396718.3, 3767011.1, 97.0, 133.9, 2.0); (396758.3, 3767011.1, 98.4, 98.4, 2.0);
(396798.3, 3767011.1, 99.5, 99.5, 2.0); (396838.3, 3767011.1, 100.6, 100.6, 2.0);
(396878.3, 3767011.1, 100.9, 134.6, 2.0); (396918.3, 3767011.1, 101.3, 134.6, 2.0);
(396958.3, 3767011.1, 101.5, 134.7, 2.0); (396998.3, 3767011.1, 103.7, 134.6, 2.0);
(397038.3, 3767011.1, 105.8, 134.6, 2.0); (397078.3, 3767011.1, 107.7, 107.7, 2.0);
(397118.3, 3767011.1, 109.4, 109.4, 2.0); (397158.3, 3767011.1, 109.6, 109.6, 2.0);
(397198.3, 3767011.1, 109.7, 147.6, 2.0); (397238.3, 3767011.1, 109.5, 149.0, 2.0);
(397278.3, 3767011.1, 110.1, 149.0, 2.0); (397318.3, 3767011.1, 111.3, 149.0, 2.0);
(397358.3, 3767011.1, 116.5, 147.6, 2.0); (397398.3, 3767011.1, 118.0, 118.0, 2.0);
(397438.3, 3767011.1, 113.2, 149.0, 2.0); (397478.3, 3767011.1, 109.0, 149.0, 2.0);
(397518.3, 3767011.1, 108.0, 149.0, 2.0); (397558.3, 3767011.1, 107.9, 187.3, 2.0);
(397598.3, 3767011.1, 107.9, 188.3, 2.0); (397638.3, 3767011.1, 108.1, 189.8, 2.0);
(397678.3, 3767011.1, 108.0, 190.6, 2.0); (397718.3, 3767011.1, 111.5, 190.2, 2.0);

```
    ( 396558.3, 3767051.1,      96.1,     135.7,       2.0);         ( 396598.3,
3767051.1,      95.6,     135.7,       2.0);
    ( 396638.3, 3767051.1,      95.1,     135.7,       2.0);         ( 396678.3,
3767051.1,      96.7,     135.7,       2.0);
    ( 396718.3, 3767051.1,      97.9,     135.5,       2.0);         ( 396758.3,
3767051.1,      99.0,     133.9,       2.0);
    ( 396798.3, 3767051.1,     100.2,     134.6,       2.0);         ( 396838.3,
3767051.1,     101.2,     134.6,       2.0);
    ( 396878.3, 3767051.1,     102.1,     134.6,       2.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       2.0);
    ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
    ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
    ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
    ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
    ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
    ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
    ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
    ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
    ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
    ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       2.0);
    ( 396558.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       2.0);
    ( 396638.3, 3767091.1,      96.8,     135.7,       2.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       2.0);
    ( 396718.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       2.0);
    ( 396798.3, 3767091.1,     100.9,     134.6,       2.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       2.0);
    ( 396878.3, 3767091.1,     102.9,     142.2,       2.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       2.0);
    ( 396958.3, 3767091.1,     104.0,     142.2,       2.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       2.0);
    ( 397078.3, 3767091.1,     107.8,     147.6,       2.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       2.0);
    ( 397158.3, 3767091.1,     109.1,     149.0,       2.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       2.0);
    ( 397238.3, 3767091.1,     109.5,     149.0,       2.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       2.0);
    ( 397318.3, 3767091.1,     111.9,     149.0,       2.0);         ( 397358.3,
3767091.1,     113.8,     149.0,       2.0);
```

(397398.3, 3767091.1, 116.6, 149.0, 2.0); (397438.3, 3767091.1, 117.2, 149.0, 2.0);
(397478.3, 3767091.1, 118.2, 149.0, 2.0); (397518.3, 3767091.1, 117.6, 149.0, 2.0);
(397558.3, 3767091.1, 117.9, 149.0, 2.0); (397598.3, 3767091.1, 114.8, 149.0, 2.0);
(397638.3, 3767091.1, 110.9, 149.0, 2.0); (397678.3, 3767091.1, 110.4, 149.0, 2.0);
(397718.3, 3767091.1, 112.0, 147.2, 2.0); (396558.3, 3767131.1, 101.2, 135.7, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396598.3, 3767131.1, 101.2, 135.7, 2.0); (396638.3, 3767131.1, 100.3, 135.7, 2.0);
(396678.3, 3767131.1, 97.7, 135.7, 2.0); (396718.3, 3767131.1, 98.2, 135.7, 2.0);
(396758.3, 3767131.1, 100.1, 142.2, 2.0); (396798.3, 3767131.1, 101.8, 142.2, 2.0);
(396838.3, 3767131.1, 103.2, 142.2, 2.0); (396878.3, 3767131.1, 104.6, 142.2, 2.0);
(396918.3, 3767131.1, 104.8, 142.2, 2.0); (396958.3, 3767131.1, 106.1, 142.2, 2.0);
(397238.3, 3767131.1, 111.0, 149.0, 2.0); (397278.3, 3767131.1, 111.3, 149.0, 2.0);
(397318.3, 3767131.1, 112.3, 149.0, 2.0); (397358.3, 3767131.1, 114.1, 149.0, 2.0);
(397398.3, 3767131.1, 116.4, 149.0, 2.0); (397438.3, 3767131.1, 117.3, 149.0, 2.0);
(397478.3, 3767131.1, 119.7, 149.0, 2.0); (397518.3, 3767131.1, 119.3, 149.0, 2.0);
(397558.3, 3767131.1, 119.0, 149.0, 2.0); (397598.3, 3767131.1, 117.4, 149.0, 2.0);
(397638.3, 3767131.1, 112.6, 149.0, 2.0); (397678.3, 3767131.1, 111.8, 149.0, 2.0);
(397718.3, 3767131.1, 112.0, 148.5, 2.0); (396558.3, 3767171.1, 104.7, 135.7, 2.0);
(396598.3, 3767171.1, 103.9, 135.7, 2.0); (396638.3, 3767171.1, 103.5, 135.7, 2.0);
(396678.3, 3767171.1, 100.8, 135.7, 2.0); (396718.3, 3767171.1, 98.7, 142.2, 2.0);

```
     ( 396758.3, 3767171.1,      99.9,     142.2,       2.0);         ( 396798.3,
3767171.1,     102.6,     142.2,       2.0);
     ( 396838.3, 3767171.1,     104.8,     142.2,       2.0);         ( 396878.3,
3767171.1,     107.3,     142.2,       2.0);
     ( 396918.3, 3767171.1,     109.2,     142.2,       2.0);         ( 397438.3,
3767171.1,     117.8,     149.0,       2.0);
     ( 397478.3, 3767171.1,     118.3,     149.0,       2.0);         ( 397518.3,
3767171.1,     117.1,     149.0,       2.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       2.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       2.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       2.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       2.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       2.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       2.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       2.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       2.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       2.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       2.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       2.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       2.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       2.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       2.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       2.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       2.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       2.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       2.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       2.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       2.0);
     ( 397358.3, 3767251.1,     124.9,     149.0,       2.0);         ( 397398.3,
3767251.1,     133.5,     149.0,       2.0);
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(397438.3, 3767251.1, 134.6, 149.0, 2.0); (397478.3, 3767251.1, 130.7, 149.0, 2.0);
(397518.3, 3767251.1, 125.3, 149.0, 2.0); (397558.3, 3767251.1, 123.5, 149.3, 2.0);
(397598.3, 3767251.1, 121.4, 149.3, 2.0); (397638.3, 3767251.1, 118.3, 149.6, 2.0);
(397678.3, 3767251.1, 117.5, 149.3, 2.0); (397718.3, 3767251.1, 116.6, 149.2, 2.0);
(396558.3, 3767291.1, 125.5, 135.5, 2.0); (396598.3, 3767291.1, 120.7, 135.7, 2.0);
(396638.3, 3767291.1, 119.2, 135.7, 2.0); (396678.3, 3767291.1, 115.6, 135.7, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396718.3, 3767291.1, 111.7, 135.7, 2.0); (396758.3, 3767291.1, 102.9, 187.3, 2.0);
(396798.3, 3767291.1, 102.6, 188.3, 2.0); (396838.3, 3767291.1, 104.8, 188.3, 2.0);
(396878.3, 3767291.1, 115.3, 142.2, 2.0); (396918.3, 3767291.1, 120.6, 142.2, 2.0);
(396958.3, 3767291.1, 122.8, 142.2, 2.0); (396998.3, 3767291.1, 128.6, 140.2, 2.0);
(397038.3, 3767291.1, 134.4, 134.4, 2.0); (397078.3, 3767291.1, 132.8, 134.1, 2.0);
(397118.3, 3767291.1, 125.5, 142.2, 2.0); (397158.3, 3767291.1, 115.4, 188.9, 2.0);
(397278.3, 3767291.1, 120.7, 149.0, 2.0); (397318.3, 3767291.1, 124.3, 149.0, 2.0);
(397358.3, 3767291.1, 133.3, 149.0, 2.0); (397398.3, 3767291.1, 143.5, 147.8, 2.0);
(397438.3, 3767291.1, 143.7, 147.8, 2.0); (397478.3, 3767291.1, 139.6, 148.3, 2.0);
(397518.3, 3767291.1, 137.4, 148.5, 2.0); (397558.3, 3767291.1, 138.5, 145.4, 2.0);
(397598.3, 3767291.1, 136.8, 144.6, 2.0); (397638.3, 3767291.1, 127.3, 148.8, 2.0);
(397678.3, 3767291.1, 120.5, 149.3, 2.0); (397718.3, 3767291.1, 118.7, 150.4, 2.0);
(396558.3, 3767331.1, 134.0, 134.0, 2.0); (396598.3, 3767331.1, 131.8, 131.8, 2.0);

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     ( 396638.3, 3767331.1,     128.4,     129.7,       2.0);         ( 396678.3,
3767331.1,     120.2,     135.7,       2.0);
     ( 396718.3, 3767331.1,     114.9,     135.7,       2.0);         ( 396758.3,
3767331.1,     105.4,     187.6,       2.0);
     ( 396798.3, 3767331.1,     103.5,     188.9,       2.0);         ( 396838.3,
3767331.1,     105.5,     188.9,       2.0);
     ( 396878.3, 3767331.1,     116.4,     178.2,       2.0);         ( 396918.3,
3767331.1,     122.3,     142.2,       2.0);
     ( 396958.3, 3767331.1,     125.5,     142.2,       2.0);         ( 396998.3,
3767331.1,     127.4,     142.2,       2.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       2.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       2.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       2.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       2.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       2.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       2.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       2.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       2.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       2.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       2.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       2.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       2.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       2.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       2.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       2.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       2.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       2.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       2.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       2.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       2.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       2.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       2.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       2.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       2.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       2.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       2.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       2.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       2.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       2.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       2.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       2.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       2.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       2.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       2.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       2.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       2.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       2.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       2.0);
     ( 397358.3, 3767371.1,     138.9,     149.0,       2.0);         ( 397398.3,
3767371.1,     148.1,     148.1,       2.0);
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(397438.3, 3767371.1, 148.3, 148.3, 2.0); (397478.3, 3767371.1, 147.7, 147.7, 2.0);
(397518.3, 3767371.1, 146.8, 146.8, 2.0); (397558.3, 3767371.1, 145.8, 145.8, 2.0);
(397598.3, 3767371.1, 144.6, 144.6, 2.0); (397638.3, 3767371.1, 144.0, 144.0, 2.0);
(397678.3, 3767371.1, 139.7, 144.9, 2.0); (397718.3, 3767371.1, 129.0, 149.1, 2.0);
(396558.3, 3767411.1, 135.2, 135.2, 2.0); (396598.3, 3767411.1, 128.0, 135.7, 2.0);
(396638.3, 3767411.1, 121.1, 136.3, 2.0); (396678.3, 3767411.1, 115.7, 179.2, 2.0);
(396718.3, 3767411.1, 112.4, 186.6, 2.0); (396758.3, 3767411.1, 108.8, 188.3, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767411.1, 106.0, 188.9, 2.0); (396838.3, 3767411.1, 106.9, 188.9, 2.0);
(396878.3, 3767411.1, 113.9, 188.9, 2.0); (396918.3, 3767411.1, 119.2, 188.3, 2.0);
(396958.3, 3767411.1, 125.5, 186.6, 2.0); (396998.3, 3767411.1, 131.9, 142.2, 2.0);
(397038.3, 3767411.1, 138.6, 142.2, 2.0); (397078.3, 3767411.1, 141.9, 141.9, 2.0);
(397118.3, 3767411.1, 140.9, 141.2, 2.0); (397158.3, 3767411.1, 137.9, 139.4, 2.0);
(397198.3, 3767411.1, 134.3, 134.3, 2.0); (397238.3, 3767411.1, 131.6, 187.6, 2.0);
(397278.3, 3767411.1, 130.9, 187.6, 2.0); (397318.3, 3767411.1, 134.1, 149.0, 2.0);
(397358.3, 3767411.1, 137.6, 149.0, 2.0); (397398.3, 3767411.1, 146.7, 147.7, 2.0);
(397438.3, 3767411.1, 148.4, 148.4, 2.0); (397478.3, 3767411.1, 148.7, 148.7, 2.0);
(397518.3, 3767411.1, 148.2, 148.2, 2.0); (397558.3, 3767411.1, 147.1, 147.1, 2.0);
(397598.3, 3767411.1, 145.6, 145.6, 2.0); (397638.3, 3767411.1, 144.9, 144.9, 2.0);
(397678.3, 3767411.1, 144.9, 144.9, 2.0); (397718.3, 3767411.1, 139.1, 145.3, 2.0);

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     ( 396558.3, 3767451.1,     133.6,     133.6,       2.0);         ( 396598.3,
3767451.1,     127.7,     135.7,       2.0);
     ( 396638.3, 3767451.1,     120.9,     136.8,       2.0);         ( 396678.3,
3767451.1,     117.4,     179.2,       2.0);
     ( 396718.3, 3767451.1,     115.4,     186.6,       2.0);         ( 396758.3,
3767451.1,     110.2,     188.9,       2.0);
     ( 396798.3, 3767451.1,     106.8,     188.9,       2.0);         ( 396838.3,
3767451.1,     108.8,     188.9,       2.0);
     ( 396878.3, 3767451.1,     113.5,     188.9,       2.0);         ( 396918.3,
3767451.1,     118.9,     188.9,       2.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       2.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       2.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       2.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       2.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       2.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       2.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       2.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       2.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       2.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       2.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       2.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       2.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       2.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       2.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       2.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       2.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       2.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       2.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       2.0);         ( 397718.3,
3767451.1,     143.1,     143.1,       2.0);
     ( 396558.3, 3767491.1,     132.0,     132.0,       2.0);         ( 396598.3,
3767491.1,     127.6,     136.8,       2.0);
     ( 396638.3, 3767491.1,     126.6,     136.8,       2.0);         ( 396678.3,
3767491.1,     125.9,     136.8,       2.0);
     ( 396718.3, 3767491.1,     122.0,     179.2,       2.0);         ( 396758.3,
3767491.1,     112.0,     188.9,       2.0);
     ( 396798.3, 3767491.1,     107.5,     188.9,       2.0);         ( 396838.3,
3767491.1,     109.0,     188.9,       2.0);
     ( 396878.3, 3767491.1,     112.7,     188.9,       2.0);         ( 396918.3,
3767491.1,     118.4,     188.9,       2.0);
     ( 396958.3, 3767491.1,     123.7,     188.9,       2.0);         ( 396998.3,
3767491.1,     128.9,     188.9,       2.0);
     ( 397038.3, 3767491.1,     135.5,     187.0,       2.0);         ( 397078.3,
3767491.1,     139.6,     139.6,       2.0);
     ( 397118.3, 3767491.1,     141.3,     141.3,       2.0);         ( 397158.3,
3767491.1,     140.1,     140.1,       2.0);
     ( 397198.3, 3767491.1,     137.2,     187.6,       2.0);         ( 397238.3,
3767491.1,     134.8,     188.9,       2.0);
     ( 397278.3, 3767491.1,     133.2,     188.9,       2.0);         ( 397318.3,
3767491.1,     133.0,     188.9,       2.0);
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(397358.3, 3767491.1, 135.1, 188.9, 2.0); (397398.3, 3767491.1, 141.3, 148.1, 2.0);
(397438.3, 3767491.1, 145.7, 145.7, 2.0); (397478.3, 3767491.1, 148.2, 148.2, 2.0);
(397518.3, 3767491.1, 149.0, 149.0, 2.0); (397558.3, 3767491.1, 148.5, 148.5, 2.0);
(397598.3, 3767491.1, 146.5, 146.5, 2.0); (397638.3, 3767491.1, 146.2, 146.2, 2.0);
(397678.3, 3767491.1, 145.9, 145.9, 2.0); (397718.3, 3767491.1, 144.1, 145.4, 2.0);
(396558.3, 3767531.1, 133.5, 133.5, 2.0); (396598.3, 3767531.1, 132.4, 136.8, 2.0);
(396638.3, 3767531.1, 134.6, 136.3, 2.0); (396678.3, 3767531.1, 133.6, 136.3, 2.0);
(396718.3, 3767531.1, 125.4, 179.2, 2.0); (396758.3, 3767531.1, 111.2, 188.9, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767531.1, 108.6, 188.9, 2.0); (396838.3, 3767531.1, 112.0, 188.9, 2.0);
(396878.3, 3767531.1, 113.6, 188.9, 2.0); (396918.3, 3767531.1, 116.8, 188.9, 2.0);
(396958.3, 3767531.1, 121.4, 188.9, 2.0); (396998.3, 3767531.1, 126.2, 188.9, 2.0);
(397038.3, 3767531.1, 133.5, 188.9, 2.0); (397078.3, 3767531.1, 136.9, 188.9, 2.0);
(397118.3, 3767531.1, 140.5, 187.6, 2.0); (397158.3, 3767531.1, 140.7, 187.6, 2.0);
(397198.3, 3767531.1, 138.5, 188.9, 2.0); (397238.3, 3767531.1, 136.3, 188.9, 2.0);
(397278.3, 3767531.1, 134.5, 188.9, 2.0); (397318.3, 3767531.1, 133.7, 188.9, 2.0);
(397358.3, 3767531.1, 134.0, 188.9, 2.0); (397398.3, 3767531.1, 139.0, 188.9, 2.0);
(397438.3, 3767531.1, 146.3, 146.3, 2.0); (397478.3, 3767531.1, 148.9, 148.9, 2.0);
(397518.3, 3767531.1, 149.4, 149.4, 2.0); (397558.3, 3767531.1, 149.1, 149.1, 2.0);
(397598.3, 3767531.1, 147.0, 147.0, 2.0); (397638.3, 3767531.1, 147.3, 147.3, 2.0);

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     ( 397678.3, 3767531.1,     147.5,     147.5,       2.0);         ( 397718.3,
3767531.1,     146.1,     147.0,       2.0);
     ( 397320.8, 3767219.1,     114.7,     149.3,       0.0);         ( 397330.8,
3767209.1,     114.5,     149.3,       0.0);
     ( 397340.8, 3767189.1,     113.5,     149.3,       0.0);         ( 397340.8,
3767199.1,     114.0,     149.3,       0.0);
     ( 397340.8, 3767209.1,     115.0,     149.3,       0.0);         ( 397350.8,
3767189.1,     113.7,     149.3,       0.0);
     ( 397350.8, 3767199.1,     114.3,     149.3,       0.0);         ( 397360.8,
3767189.1,     114.1,     149.3,       0.0);
     ( 397360.8, 3767199.1,     114.7,     149.3,       0.0);         ( 397370.8,
3767189.1,     114.4,     149.3,       0.0);
     ( 397380.8, 3767189.1,     114.9,     149.3,       0.0);         ( 396934.7,
3767169.5,     108.7,     142.2,       2.0);
     ( 397014.5, 3767229.6,     112.6,     142.2,       2.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       2.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       2.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       2.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       2.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       2.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       2.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       2.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       2.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       2.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       2.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       2.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       2.0);         ( 396920.4,
3767167.3,     108.8,     142.2,       2.0);
     ( 396990.0, 3767243.5,     119.6,     142.2,       2.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       2.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       2.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       2.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       2.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       2.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       2.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       2.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       2.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       2.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       2.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       2.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       2.0);

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:36:14

                                   PAGE  54
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	397014.5	3767229.6	0.32
L0000109	397044.1	3767224.0	-3.28
L0000109	397044.1	3767224.0	-3.28
L0000143	397113.6	3767239.9	-1.57
L0000143	397113.6	3767239.9	-1.57
L0000144	397113.6	3767239.9	-2.05
L0000144	397113.6	3767239.9	-2.05
L0000208	397158.6	3767280.3	0.54
L0000208	397158.6	3767280.3	0.54
L0000209	397158.6	3767280.3	-3.37
L0000209	397158.6	3767280.3	-3.37
L0000271	397318.7	3767160.1	-0.54
L0000271	397318.7	3767160.1	-0.54

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_V9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5
10	01	01	1	20	-11.8	0.154	-9.000	-9.000	-999.	144.	27.8	0.34	0.73	1.00	1.30	25.	9.1	287.0	5.5
10	01	01	1	21	-21.6	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	343.	9.1	285.9	5.5
10	01	01	1	22	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73						

```
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  57
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08        0.01868                     396598.26
3766771.08        0.02229
         396638.26    3766771.08        0.02731                     396678.26
3766771.08        0.03271
         396718.26    3766771.08        0.03894                     396758.26
3766771.08        0.04404
         396798.26    3766771.08        0.04750                     396838.26
3766771.08        0.05073
         396878.26    3766771.08        0.05183                     396918.26
```

3766771.08 0.05059
396958.26 3766771.08 0.04704 396998.26
3766771.08 0.04156
397038.26 3766771.08 0.03520 397078.26
3766771.08 0.02909
397118.26 3766771.08 0.02390 397158.26
3766771.08 0.01997
397198.26 3766771.08 0.01741 397238.26
3766771.08 0.01588
397278.26 3766771.08 0.01499 397318.26
3766771.08 0.01447
397358.26 3766771.08 0.01408 397398.26
3766771.08 0.01367
397438.26 3766771.08 0.01320 397478.26
3766771.08 0.01264
397518.26 3766771.08 0.01203 397558.26
3766771.08 0.01139
397598.26 3766771.08 0.01073 397638.26
3766771.08 0.01006
397678.26 3766771.08 0.00944 397718.26
3766771.08 0.00881
396558.26 3766811.08 0.01865 396598.26
3766811.08 0.02198
396638.26 3766811.08 0.02719 396678.26
3766811.08 0.03343
396718.26 3766811.08 0.03948 396758.26
3766811.08 0.04537
396798.26 3766811.08 0.05179 396838.26
3766811.08 0.05731
396878.26 3766811.08 0.06044 396918.26
3766811.08 0.06082
396958.26 3766811.08 0.05784 396998.26
3766811.08 0.05191
397038.26 3766811.08 0.04417 397078.26
3766811.08 0.03624
397118.26 3766811.08 0.02943 397158.26
3766811.08 0.02428
397198.26 3766811.08 0.02077 397238.26
3766811.08 0.01864
397278.26 3766811.08 0.01744 397318.26
3766811.08 0.01679
397358.26 3766811.08 0.01626 397398.26
3766811.08 0.01571
397438.26 3766811.08 0.01505 397478.26
3766811.08 0.01434
397518.26 3766811.08 0.01355 397558.26
3766811.08 0.01273
397598.26 3766811.08 0.01191 397638.26
3766811.08 0.01113
397678.26 3766811.08 0.01036 397718.26

3766811.08   0.00960
         396558.26   3766851.08   0.01846   396598.26
3766851.08   0.02172
         396638.26   3766851.08   0.02607   396678.26
3766851.08   0.03221
         396718.26   3766851.08   0.03881   396758.26
3766851.08   0.04628
         396798.26   3766851.08   0.05485   396838.26
3766851.08   0.06288
         396878.26   3766851.08   0.06942   396918.26
3766851.08   0.07196
         396958.26   3766851.08   0.07056   396998.26
3766851.08   0.06475
         397038.26   3766851.08   0.05579   397078.26
3766851.08   0.04595
         397118.26   3766851.08   0.03701   397158.26
3766851.08   0.02991
         397198.26   3766851.08   0.02517   397238.26
3766851.08   0.02242
         397278.26   3766851.08   0.02082   397318.26
3766851.08   0.01968

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.01892   397398.26

3766851.08 0.01815
397438.26 3766851.08 0.01728 397478.26
3766851.08 0.01632
397518.26 3766851.08 0.01531 397558.26
3766851.08 0.01428
397598.26 3766851.08 0.01325 397638.26
3766851.08 0.01228
397678.26 3766851.08 0.01132 397718.26
3766851.08 0.01041
396558.26 3766891.08 0.01799 396598.26
3766891.08 0.02133
396638.26 3766891.08 0.02560 396678.26
3766891.08 0.03125
396718.26 3766891.08 0.03840 396758.26
3766891.08 0.04664
396798.26 3766891.08 0.05658 396838.26
3766891.08 0.06710
396878.26 3766891.08 0.07733 396918.26
3766891.08 0.08307
396958.26 3766891.08 0.08478 396998.26
3766891.08 0.08042
397038.26 3766891.08 0.07097 397078.26
3766891.08 0.05993
397118.26 3766891.08 0.04771 397158.26
3766891.08 0.03726
397198.26 3766891.08 0.03103 397238.26
3766891.08 0.02725
397278.26 3766891.08 0.02515 397318.26
3766891.08 0.02378
397358.26 3766891.08 0.02244 397398.26
3766891.08 0.02113
397438.26 3766891.08 0.01991 397478.26
3766891.08 0.01863
397518.26 3766891.08 0.01732 397558.26
3766891.08 0.01599
397598.26 3766891.08 0.01472 397638.26
3766891.08 0.01350
397678.26 3766891.08 0.01232 397718.26
3766891.08 0.01126
396558.26 3766931.08 0.01753 396598.26
3766931.08 0.02061
396638.26 3766931.08 0.02501 396678.26
3766931.08 0.03026
396718.26 3766931.08 0.03707 396758.26
3766931.08 0.04596
396798.26 3766931.08 0.05641 396838.26
3766931.08 0.06944
396878.26 3766931.08 0.08263 396918.26
3766931.08 0.09411
396958.26 3766931.08 0.10054 396998.26

3766931.08   0.10005
         397038.26   3766931.08   0.09257   397078.26
3766931.08   0.07934
         397118.26   3766931.08   0.06386   397158.26
3766931.08   0.04933
         397198.26   3766931.08   0.03946   397238.26
3766931.08   0.03382
         397278.26   3766931.08   0.03062   397318.26
3766931.08   0.02874
         397358.26   3766931.08   0.02741   397398.26
3766931.08   0.02528
         397438.26   3766931.08   0.02317   397478.26
3766931.08   0.02132
         397518.26   3766931.08   0.01962   397558.26
3766931.08   0.01789
         397598.26   3766931.08   0.01628   397638.26
3766931.08   0.01474
         397678.26   3766931.08   0.01334   397718.26
3766931.08   0.01214
         396558.26   3766971.08   0.01698   396598.26
3766971.08   0.01997
         396638.26   3766971.08   0.02389   396678.26
3766971.08   0.02893
         396718.26   3766971.08   0.03556   396758.26
3766971.08   0.04374
         396798.26   3766971.08   0.05497   396838.26
3766971.08   0.06877
         396878.26   3766971.08   0.08595   396918.26
3766971.08   0.10352

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.11768	396998.26	3766971.08	0.12490
397038.26	3766971.08	0.12118	397078.26	3766971.08	0.10966
397118.26	3766971.08	0.10351	397158.26	3766971.08	0.08536
397198.26	3766971.08	0.05805	397238.26	3766971.08	0.04460
397278.26	3766971.08	0.03813	397318.26	3766971.08	0.03533
397358.26	3766971.08	0.03133	397398.26	3766971.08	0.02919
397438.26	3766971.08	0.02730	397478.26	3766971.08	0.02451
397518.26	3766971.08	0.02211	397558.26	3766971.08	0.01989
397598.26	3766971.08	0.01785	397638.26	3766971.08	0.01600
397678.26	3766971.08	0.01434	397718.26	3766971.08	0.01300
396558.26	3767011.08	0.01637	396598.26	3767011.08	0.01910
396638.26	3767011.08	0.02281	396678.26	3767011.08	0.02751
396718.26	3767011.08	0.03346	396758.26	3767011.08	0.04156
396798.26	3767011.08	0.05184	396838.26	3767011.08	0.06641
396878.26	3767011.08	0.08566	396918.26	3767011.08	0.11005
396958.26	3767011.08	0.13330	396998.26	3767011.08	0.15248
397038.26	3767011.08	0.16669	397078.26	3767011.08	0.19087
397118.26	3767011.08	0.17599	397158.26	3767011.08	0.12615
397198.26	3767011.08	0.08706	397238.26	3767011.08	0.06415
397278.26	3767011.08	0.05160	397318.26	3767011.08	0.04310
397358.26	3767011.08	0.03713	397398.26	3767011.08	0.03324
397438.26	3767011.08	0.03076	397478.26		

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         397518.26    3767011.08        0.02471                      397558.26
3767011.08        0.02192
         397598.26    3767011.08        0.01946                      397638.26
3767011.08        0.01729
         397678.26    3767011.08        0.01536                      397718.26
3767011.08        0.01376
         396558.26    3767051.08        0.01582                      396598.26
3767051.08        0.01840
         396638.26    3767051.08        0.02162                      396678.26
3767051.08        0.02596
         396718.26    3767051.08        0.03155                      396758.26
3767051.08        0.03876
         396798.26    3767051.08        0.04844                      396838.26
3767051.08        0.06192
         396878.26    3767051.08        0.08180                      396918.26
3767051.08        0.11138
         396958.26    3767051.08        0.14605                      396998.26
3767051.08        0.20291
         397038.26    3767051.08        0.26083                      397078.26
3767051.08        0.23582
         397118.26    3767051.08        0.21556                      397158.26
3767051.08        0.16111
         397198.26    3767051.08        0.11322                      397238.26
3767051.08        0.08165
         397278.26    3767051.08        0.06922                      397318.26
3767051.08        0.05656
         397358.26    3767051.08        0.04494                      397398.26
3767051.08        0.03861
         397438.26    3767051.08        0.03430                      397478.26
3767051.08        0.03074
         397518.26    3767051.08        0.02740                      397558.26
3767051.08        0.02419
         397598.26    3767051.08        0.02124                      397638.26
3767051.08        0.01866
         397678.26    3767051.08        0.01653                      397718.26
3767051.08        0.01461
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  60
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
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 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.01529                       396598.26
3767091.08        0.01775
         396638.26    3767091.08        0.02062                       396678.26
3767091.08        0.02437
         396718.26    3767091.08        0.02940                       396758.26
3767091.08        0.03587
         396798.26    3767091.08        0.04462                       396838.26
3767091.08        0.05676
         396878.26    3767091.08        0.07448                       396918.26
3767091.08        0.10205
         396958.26    3767091.08        0.16178                       396998.26
3767091.08        0.29826
         397078.26    3767091.08        0.30558                       397118.26
3767091.08        0.32309
         397158.26    3767091.08        0.26799                       397198.26
3767091.08        0.17786
         397238.26    3767091.08        0.11782                       397278.26
3767091.08        0.09071
         397318.26    3767091.08        0.07780                       397358.26
3767091.08        0.05469
         397398.26    3767091.08        0.04509                       397438.26
3767091.08        0.03862
         397478.26    3767091.08        0.03320                       397518.26
3767091.08        0.02897
         397558.26    3767091.08        0.02526                       397598.26
3767091.08        0.02249
         397638.26    3767091.08        0.02039                       397678.26
3767091.08        0.01793
         397718.26    3767091.08        0.01573                       396558.26
3767131.08        0.01489
         396598.26    3767131.08        0.01714                       396638.26
3767131.08        0.01984
         396678.26    3767131.08        0.02299                       396718.26
3767131.08        0.02734
         396758.26    3767131.08        0.03319                       396798.26
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3767131.08        0.04092
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3767131.08        0.06660
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3767131.08        0.14301
         397238.26    3767131.08        0.21641                     397278.26
3767131.08        0.13652
         397318.26    3767131.08        0.10149                     397358.26
3767131.08        0.07062
         397398.26    3767131.08        0.05279                     397438.26
3767131.08        0.04429
         397478.26    3767131.08        0.03738                     397518.26
3767131.08        0.03221
         397558.26    3767131.08        0.02801                     397598.26
3767131.08        0.02453
         397638.26    3767131.08        0.02206                     397678.26
3767131.08        0.01953
         397718.26    3767131.08        0.01719                     396558.26
3767171.08        0.01461
         396598.26    3767171.08        0.01666                     396638.26
3767171.08        0.01919
         396678.26    3767171.08        0.02205                     396718.26
3767171.08        0.02566
         396758.26    3767171.08        0.03069                     396798.26
3767171.08        0.03761
         396838.26    3767171.08        0.04695                     396878.26
3767171.08        0.06020
         396918.26    3767171.08        0.07876                     397438.26
3767171.08        0.05349
         397478.26    3767171.08        0.04491                     397518.26
3767171.08        0.03826
         397558.26    3767171.08        0.03297                     397598.26
3767171.08        0.02864
         397638.26    3767171.08        0.02495                     397678.26
3767171.08        0.02171
         397718.26    3767171.08        0.01903                     396558.26
3767211.08        0.01436
         396598.26    3767211.08        0.01635                     396638.26
3767211.08        0.01870
         396678.26    3767211.08        0.02159                     396718.26
3767211.08        0.02460
         396758.26    3767211.08        0.02881                     396798.26
3767211.08        0.03471
         396838.26    3767211.08        0.04308                     396878.26
3767211.08        0.05411
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.06862	396958.26	3767211.08	0.08508
397438.26	3767211.08	0.06983	397478.26	3767211.08	0.05662
397518.26	3767211.08	0.04738	397558.26	3767211.08	0.04009
397598.26	3767211.08	0.03425	397638.26	3767211.08	0.02922
397678.26	3767211.08	0.02502	397718.26	3767211.08	0.02161
396558.26	3767251.08	0.01421	396598.26	3767251.08	0.01617
396638.26	3767251.08	0.01848	396678.26	3767251.08	0.02129
396718.26	3767251.08	0.02422	396758.26	3767251.08	0.02761
396798.26	3767251.08	0.03269	396838.26	3767251.08	0.03967
396878.26	3767251.08	0.04981	396918.26	3767251.08	0.05931
396958.26	3767251.08	0.07293	396998.26	3767251.08	0.09802
397038.26	3767251.08	0.14878	397078.26	3767251.08	0.23911
397118.26	3767251.08	0.50249	397318.26	3767251.08	0.26974
397358.26	3767251.08	0.18173	397398.26		

3767251.08 0.13010
397438.26 3767251.08 0.09839 397478.26
3767251.08 0.07604
397518.26 3767251.08 0.06106 397558.26
3767251.08 0.04988
397598.26 3767251.08 0.04152 397638.26
3767251.08 0.03500
397678.26 3767251.08 0.02954 397718.26
3767251.08 0.02512
396558.26 3767291.08 0.01313 396598.26
3767291.08 0.01506
396638.26 3767291.08 0.01727 396678.26
3767291.08 0.02014
396718.26 3767291.08 0.02388 396758.26
3767291.08 0.02676
396798.26 3767291.08 0.03118 396838.26
3767291.08 0.03730
396878.26 3767291.08 0.04502 396918.26
3767291.08 0.05345
396958.26 3767291.08 0.06634 396998.26
3767291.08 0.09281
397038.26 3767291.08 0.17280 397078.26
3767291.08 0.28089
397118.26 3767291.08 0.32561 397158.26
3767291.08 0.48956
397278.26 3767291.08 0.43314 397318.26
3767291.08 0.36589
397358.26 3767291.08 0.23883 397398.26
3767291.08 0.17819
397438.26 3767291.08 0.13190 397478.26
3767291.08 0.10029
397518.26 3767291.08 0.07847 397558.26
3767291.08 0.06286
397598.26 3767291.08 0.05111 397638.26
3767291.08 0.04206
397678.26 3767291.08 0.03518 397718.26
3767291.08 0.02955
396558.26 3767331.08 0.01269 396598.26
3767331.08 0.01438
396638.26 3767331.08 0.01643 396678.26
3767331.08 0.01920
396718.26 3767331.08 0.02258 396758.26
3767331.08 0.02609
396798.26 3767331.08 0.02989 396838.26
3767331.08 0.03536
396878.26 3767331.08 0.04181 396918.26
3767331.08 0.04961
396958.26 3767331.08 0.06238 396998.26
3767331.08 0.08547
397038.26 3767331.08 0.14041 397078.26

3767331.08   0.24632
         397118.26   3767331.08   0.34461   397158.26
3767331.08   0.45422

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   0.49256   397238.26
3767331.08   0.49930
         397278.26   3767331.08   0.44866   397318.26
3767331.08   0.33722
         397358.26   3767331.08   0.26831   397398.26
3767331.08   0.20913
         397438.26   3767331.08   0.15864   397478.26
3767331.08   0.12211
         397518.26   3767331.08   0.09591   397558.26
3767331.08   0.07669
         397598.26   3767331.08   0.06164   397638.26
3767331.08   0.05019
         397678.26   3767331.08   0.04145   397718.26
3767331.08   0.03449
         396558.26   3767371.08   0.01237   396598.26
3767371.08   0.01400
         396638.26   3767371.08   0.01599   396678.26
3767371.08   0.01861
         396718.26   3767371.08   0.02192   396758.26

3767371.08 0.02513
396798.26 3767371.08 0.02857 396838.26
3767371.08 0.03335
396878.26 3767371.08 0.03968 396918.26
3767371.08 0.04684
396958.26 3767371.08 0.05888 396998.26
3767371.08 0.07966
397038.26 3767371.08 0.11706 397078.26
3767371.08 0.17948
397118.26 3767371.08 0.24862 397158.26
3767371.08 0.32477
397198.26 3767371.08 0.35970 397238.26
3767371.08 0.36296
397278.26 3767371.08 0.34106 397318.26
3767371.08 0.30537
397358.26 3767371.08 0.25929 397398.26
3767371.08 0.21415
397438.26 3767371.08 0.17044 397478.26
3767371.08 0.13571
397518.26 3767371.08 0.10884 397558.26
3767371.08 0.08785
397598.26 3767371.08 0.07137 397638.26
3767371.08 0.05814
397678.26 3767371.08 0.04758 397718.26
3767371.08 0.03946
396558.26 3767411.08 0.01199 396598.26
3767411.08 0.01359
396638.26 3767411.08 0.01559 396678.26
3767411.08 0.01804
396718.26 3767411.08 0.02092 396758.26
3767411.08 0.02406
396798.26 3767411.08 0.02726 396838.26
3767411.08 0.03174
396878.26 3767411.08 0.03742 396918.26
3767411.08 0.04430
396958.26 3767411.08 0.05509 396998.26
3767411.08 0.07331
397038.26 3767411.08 0.10286 397078.26
3767411.08 0.14363
397118.26 3767411.08 0.18980 397158.26
3767411.08 0.23384
397198.26 3767411.08 0.26660 397238.26
3767411.08 0.28294
397278.26 3767411.08 0.27990 397318.26
3767411.08 0.26187
397358.26 3767411.08 0.23199 397398.26
3767411.08 0.20144
397438.26 3767411.08 0.16906 397478.26
3767411.08 0.14014
397518.26 3767411.08 0.11549 397558.26

3767411.08   0.09516
         397598.26   3767411.08   0.07822   397638.26
3767411.08   0.06443
         397678.26   3767411.08   0.05319   397718.26
3767411.08   0.04389
         396558.26   3767451.08   0.01163   396598.26
3767451.08   0.01310
         396638.26   3767451.08   0.01496   396678.26
3767451.08   0.01709
         396718.26   3767451.08   0.01955   396758.26
3767451.08   0.02296

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   0.02589   396838.26
3767451.08   0.03032
         396878.26   3767451.08   0.03534   396918.26
3767451.08   0.04173
         396958.26   3767451.08   0.05135   396998.26
3767451.08   0.06632
         397038.26   3767451.08   0.08878   397078.26
3767451.08   0.11891
         397118.26   3767451.08   0.15328   397158.26
3767451.08   0.18552
         397198.26   3767451.08   0.21144   397238.26

3767451.08 0.22680
397278.26 3767451.08 0.22907 397318.26
3767451.08 0.21963
397358.26 3767451.08 0.20287 397398.26
3767451.08 0.18168
397438.26 3767451.08 0.15863 397478.26
3767451.08 0.13655
397518.26 3767451.08 0.11613 397558.26
3767451.08 0.09783
397598.26 3767451.08 0.08183 397638.26
3767451.08 0.06829
397678.26 3767451.08 0.05706 397718.26
3767451.08 0.04764
396558.26 3767491.08 0.01122 396598.26
3767491.08 0.01257
396638.26 3767491.08 0.01412 396678.26
3767491.08 0.01592
396718.26 3767491.08 0.01816 396758.26
3767491.08 0.02155
396798.26 3767491.08 0.02454 396838.26
3767491.08 0.02866
396878.26 3767491.08 0.03345 396918.26
3767491.08 0.03925
396958.26 3767491.08 0.04776 396998.26
3767491.08 0.06011
397038.26 3767491.08 0.07740 397078.26
3767491.08 0.10011
397118.26 3767491.08 0.12552 397158.26
3767491.08 0.15018
397198.26 3767491.08 0.17095 397238.26
3767491.08 0.18402
397278.26 3767491.08 0.18888 397318.26
3767491.08 0.18483
397358.26 3767491.08 0.17443 397398.26
3767491.08 0.16081
397438.26 3767491.08 0.14500 397478.26
3767491.08 0.12798
397518.26 3767491.08 0.11165 397558.26
3767491.08 0.09619
397598.26 3767491.08 0.08214 397638.26
3767491.08 0.06986
397678.26 3767491.08 0.05904 397718.26
3767491.08 0.04994
396558.26 3767531.08 0.01078 396598.26
3767531.08 0.01200
396638.26 3767531.08 0.01338 396678.26
3767531.08 0.01504
396718.26 3767531.08 0.01713 396758.26
3767531.08 0.02055
396798.26 3767531.08 0.02333 396838.26

```
3767531.08        0.02698
         396878.26    3767531.08        0.03133                      396918.26
3767531.08        0.03693
         396958.26    3767531.08        0.04444                      396998.26
3767531.08        0.05479
         397038.26    3767531.08        0.06866                      397078.26
3767531.08        0.08601
         397118.26    3767531.08        0.10557                      397158.26
3767531.08        0.12493
         397198.26    3767531.08        0.14109                      397238.26
3767531.08        0.15257
         397278.26    3767531.08        0.15745                      397318.26
3767531.08        0.15660
         397358.26    3767531.08        0.15050                      397398.26
3767531.08        0.14095
         397438.26    3767531.08        0.12983                      397478.26
3767531.08        0.11749
         397518.26    3767531.08        0.10418                      397558.26
3767531.08        0.09159
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  64
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        0.07979                      397638.26
3767531.08        0.06896
         397678.26    3767531.08        0.05935                      397718.26
```

3767531.08   0.05089
         397320.82   3767219.11   0.28928   397330.82
3767209.11   0.26075
         397340.82   3767189.11   0.19662   397340.82
3767199.11   0.22010
         397340.82   3767209.11   0.23713   397350.82
3767189.11   0.17145
         397350.82   3767199.11   0.18898   397360.82
3767189.11   0.13375
         397360.82   3767199.11   0.14702   397370.82
3767189.11   0.10328
         397380.82   3767189.11   0.08620   396934.73
3767169.52   0.08781
         397014.53   3767229.60   0.12459   397044.10
3767223.97   0.20359
         397113.57   3767239.93   0.55973   397158.63
3767280.29   0.57549
         397168.95   3767307.05   0.41770   397244.05
3767296.72   0.45146
         397260.95   3767278.88   0.40937   397409.74
3767205.66   0.07938
         397422.89   3767189.23   0.06448   397426.64
3767180.78   0.05981
         397420.54   3767170.46   0.05805   397318.68
3767160.13   0.13571
         397022.98   3767083.62   0.29140   396920.42
3767167.32   0.08069
         396989.95   3767243.54   0.09333   397044.10
3767223.97   0.20359
         397113.57   3767239.93   0.55973   397158.63
3767280.29   0.57549
         397168.95   3767307.05   0.41770   397244.05
3767296.72   0.45146
         397260.95   3767278.88   0.40937   397409.74
3767205.66   0.07938
         397422.89   3767189.23   0.06448   397426.64
3767180.78   0.05981
         397420.54   3767170.46   0.05805   397318.68
3767160.13   0.13571
         397022.98   3767083.62   0.29140

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5

YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.89389	396598.26	3766771.08	2.06970
396638.26	3766771.08	2.28569	396678.26	3766771.08	2.49730
396718.26	3766771.08	2.71939	396758.26	3766771.08	2.94447
396798.26	3766771.08	3.16369	396838.26	3766771.08	3.40678
396878.26	3766771.08	3.64835	396918.26	3766771.08	3.88426
396958.26	3766771.08	4.09880	396998.26	3766771.08	4.27432
397038.26	3766771.08	4.40341	397078.26	3766771.08	4.47760
397118.26	3766771.08	4.48596	397158.26	3766771.08	4.42702
397198.26	3766771.08	4.33171	397238.26	3766771.08	4.19996
397278.26	3766771.08	4.03399	397318.26	3766771.08	3.84049
397358.26	3766771.08	3.62575	397398.26	3766771.08	3.40321
397438.26	3766771.08	3.17551	397478.26	3766771.08	2.95219
397518.26	3766771.08	2.73706	397558.26	3766771.08	2.53298
397598.26	3766771.08	2.34241	397638.26	3766771.08	2.16623
397678.26	3766771.08	2.00426	397718.26	3766771.08	1.85561

396558.26 3766811.08 2.00567 396598.26
3766811.08 2.19401
396638.26 3766811.08 2.44589 396678.26
3766811.08 2.70568
396718.26 3766811.08 2.96497 396758.26
3766811.08 3.22691
396798.26 3766811.08 3.52733 396838.26
3766811.08 3.84510
396878.26 3766811.08 4.16729 396918.26
3766811.08 4.48771
396958.26 3766811.08 4.78468 396998.26
3766811.08 5.03321
397038.26 3766811.08 5.21483 397078.26
3766811.08 5.31853
397118.26 3766811.08 5.35242 397158.26
3766811.08 5.29419
397198.26 3766811.08 5.14466 397238.26
3766811.08 4.93356
397278.26 3766811.08 4.68786 397318.26
3766811.08 4.42222
397358.26 3766811.08 4.13933 397398.26
3766811.08 3.84710
397438.26 3766811.08 3.55518 397478.26
3766811.08 3.27408
397518.26 3766811.08 3.00740 397558.26
3766811.08 2.75936
397598.26 3766811.08 2.53173 397638.26
3766811.08 2.32458
397678.26 3766811.08 2.13713 397718.26
3766811.08 1.96789
396558.26 3766851.08 2.12673 396598.26
3766851.08 2.32957
396638.26 3766851.08 2.58560 396678.26
3766851.08 2.89181
396718.26 3766851.08 3.21208 396758.26
3766851.08 3.55510
396798.26 3766851.08 3.94153 396838.26
3766851.08 4.36155
396878.26 3766851.08 4.80742 396918.26
3766851.08 5.24117
396958.26 3766851.08 5.65919 396998.26
3766851.08 6.01944
397038.26 3766851.08 6.28190 397078.26
3766851.08 6.44758
397118.26 3766851.08 6.49964 397158.26
3766851.08 6.41736
397198.26 3766851.08 6.21127 397238.26
3766851.08 5.92446
397278.26 3766851.08 5.56613 397318.26
3766851.08 5.15937

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.76686	397398.26	3766851.08	4.37744
397438.26	3766851.08	4.00004	397478.26	3766851.08	3.64198
397518.26	3766851.08	3.31010	397558.26	3766851.08	3.00777
397598.26	3766851.08	2.73556	397638.26	3766851.08	2.49221
397678.26	3766851.08	2.27539	397718.26	3766851.08	2.08258
396558.26	3766891.08	2.24546	396598.26	3766891.08	2.47260
396638.26	3766891.08	2.76038	396678.26	3766891.08	3.11538
396718.26	3766891.08	3.49694	396758.26	3766891.08	3.93035
396798.26	3766891.08	4.42347	396838.26	3766891.08	4.97482
396878.26	3766891.08	5.58732	396918.26	3766891.08	6.19245
396958.26	3766891.08	6.80252	396998.26		

3766891.08 7.33781
397038.26 3766891.08 7.74249 397078.26
3766891.08 8.02561
397118.26 3766891.08 8.08274 397158.26
3766891.08 7.91490
397198.26 3766891.08 7.64363 397238.26
3766891.08 7.21342
397278.26 3766891.08 6.70750 397318.26
3766891.08 6.15673
397358.26 3766891.08 5.57549 397398.26
3766891.08 5.02015
397438.26 3766891.08 4.51911 397478.26
3766891.08 4.06054
397518.26 3766891.08 3.64764 397558.26
3766891.08 3.27811
397598.26 3766891.08 2.95275 397638.26
3766891.08 2.66739
397678.26 3766891.08 2.41747 397718.26
3766891.08 2.19893
396558.26 3766931.08 2.36727 396598.26
3766931.08 2.62590
396638.26 3766931.08 2.96007 396678.26
3766931.08 3.34007
396718.26 3766931.08 3.80863 396758.26
3766931.08 4.34780
396798.26 3766931.08 4.98055 396838.26
3766931.08 5.70953
396878.26 3766931.08 6.53579 396918.26
3766931.08 7.43748
396958.26 3766931.08 8.35239 396998.26
3766931.08 9.19987
397038.26 3766931.08 9.88704 397078.26
3766931.08 10.29555
397118.26 3766931.08 10.36796 397158.26
3766931.08 10.11080
397198.26 3766931.08 9.63207 397238.26
3766931.08 8.97632
397278.26 3766931.08 8.20354 397318.26
3766931.08 7.40811
397358.26 3766931.08 6.63348 397398.26
3766931.08 5.85438
397438.26 3766931.08 5.14586 397478.26
3766931.08 4.54167
397518.26 3766931.08 4.02356 397558.26
3766931.08 3.56932
397598.26 3766931.08 3.18040 397638.26
3766931.08 2.84709
397678.26 3766931.08 2.56060 397718.26
3766931.08 2.31546
396558.26 3766971.08 2.48219 396598.26

3766971.08   2.77353
         396638.26   3766971.08   3.13787   396678.26
3766971.08   3.57569
         396718.26   3766971.08   4.12039   396758.26
3766971.08   4.78644
         396798.26   3766971.08   5.59802   396838.26
3766971.08   6.59204
         396878.26   3766971.08   7.75318   396918.26
3766971.08   9.09887

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   10.56406   396998.26
3766971.08   12.02908
         397038.26   3766971.08   13.18369   397078.26
3766971.08   13.78118
         397118.26   3766971.08   13.80586   397158.26
3766971.08   13.31431
         397198.26   3766971.08   12.47942   397238.26
3766971.08   11.43009
         397278.26   3766971.08   10.25754   397318.26
3766971.08   9.07460
         397358.26   3766971.08   7.15730   397398.26
3766971.08   6.44998

```
         397438.26    3766971.08        5.90582                    397478.26
3766971.08        5.09743
         397518.26    3766971.08        4.43172                    397558.26
3766971.08        3.87617
         397598.26    3766971.08        3.41413                    397638.26
3766971.08        3.02684
         397678.26    3766971.08        2.70032                    397718.26
3766971.08        2.42760
         396558.26    3767011.08        2.58876                    396598.26
3767011.08        2.90306
         396638.26    3767011.08        3.30753                    396678.26
3767011.08        3.81071
         396718.26    3767011.08        4.43604                    396758.26
3767011.08        5.23888
         396798.26    3767011.08        6.26796                    396838.26
3767011.08        7.60466
         396878.26    3767011.08        9.30160                    396918.26
3767011.08       11.43459
         396958.26    3767011.08       13.90491                    396998.26
3767011.08       16.63388
         397038.26    3767011.08       18.73281                    397078.26
3767011.08       19.64229
         397118.26    3767011.08       19.41269                    397158.26
3767011.08       18.34537
         397198.26    3767011.08       16.83057                    397238.26
3767011.08       15.06093
         397278.26    3767011.08       13.20290                    397318.26
3767011.08       11.34398
         397358.26    3767011.08        8.46495                    397398.26
3767011.08        6.84448
         397438.26    3767011.08        6.51598                    397478.26
3767011.08        5.70587
         397518.26    3767011.08        4.86277                    397558.26
3767011.08        4.19067
         397598.26    3767011.08        3.64633                    397638.26
3767011.08        3.20228
         397678.26    3767011.08        2.83477                    397718.26
3767011.08        2.53293
         396558.26    3767051.08        2.67896                    396598.26
3767051.08        3.02765
         396638.26    3767051.08        3.45464                    396678.26
3767051.08        4.01796
         396718.26    3767051.08        4.73637                    396758.26
3767051.08        5.67702
         396798.26    3767051.08        6.95375                    396838.26
3767051.08        8.71478
         396878.26    3767051.08       11.21975                    396918.26
3767051.08       14.80115
         396958.26    3767051.08       19.61050                    396998.26
3767051.08       25.45146
```

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         397038.26    3767051.08       30.07532                      397078.26
3767051.08       31.07617
         397118.26    3767051.08       29.65255                      397158.26
3767051.08       27.05935
         397198.26    3767051.08       24.05502                      397238.26
3767051.08       20.87906
         397278.26    3767051.08       17.74739                      397318.26
3767051.08       14.57535
         397358.26    3767051.08       11.08532                      397398.26
3767051.08        8.10063
         397438.26    3767051.08        6.93869                      397478.26
3767051.08        6.17983
         397518.26    3767051.08        5.31266                      397558.26
3767051.08        4.50805
         397598.26    3767051.08        3.87278                      397638.26
3767051.08        3.36727
         397678.26    3767051.08        2.95997                      397718.26
3767051.08        2.60084
```

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        2.75653                      396598.26
3767091.08        3.13771
         396638.26    3767091.08        3.58623                      396678.26
```

3767091.08 4.17385
396718.26 3767091.08 4.97557 396758.26
3767091.08 6.05513
396798.26 3767091.08 7.56760 396838.26
3767091.08 9.81884
396878.26 3767091.08 13.35854 396918.26
3767091.08 19.33993
396958.26 3767091.08 29.77124 396998.26
3767091.08 49.88788
397078.26 3767091.08 60.36278 397118.26
3767091.08 52.68367
397158.26 3767091.08 44.95449 397198.26
3767091.08 37.89481
397238.26 3767091.08 31.53268 397278.26
3767091.08 25.74925
397318.26 3767091.08 19.86715 397358.26
3767091.08 14.12661
397398.26 3767091.08 9.92660 397438.26
3767091.08 7.66716
397478.26 3767091.08 5.98645 397518.26
3767091.08 5.03016
397558.26 3767091.08 4.17768 397598.26
3767091.08 3.79929
397638.26 3767091.08 3.51604 397678.26
3767091.08 3.07020
397718.26 3767091.08 2.69405 396558.26
3767131.08 2.81350
396598.26 3767131.08 3.20945 396638.26
3767131.08 3.69668
396678.26 3767131.08 4.29030 396718.26
3767131.08 5.12135
396758.26 3767131.08 6.30249 396798.26
3767131.08 8.01104
396838.26 3767131.08 10.67083 396878.26
3767131.08 15.36551
396918.26 3767131.08 25.11761 396958.26
3767131.08 52.52452
397238.26 3767131.08 58.02198 397278.26
3767131.08 44.72405
397318.26 3767131.08 30.45068 397358.26
3767131.08 18.17852
397398.26 3767131.08 11.75474 397438.26
3767131.08 8.57655
397478.26 3767131.08 6.22861 397518.26
3767131.08 5.11399
397558.26 3767131.08 4.28833 397598.26
3767131.08 3.80342
397638.26 3767131.08 3.57699 397678.26
3767131.08 3.15124
397718.26 3767131.08 2.76020 396558.26

```
3767171.08        2.84573
         396598.26    3767171.08        3.24632                     396638.26
3767171.08        3.75130
         396678.26    3767171.08        4.37056                     396718.26
3767171.08        5.18171
         396758.26    3767171.08        6.37118                     396798.26
3767171.08        8.17005
         396838.26    3767171.08       11.01700                     396878.26
3767171.08       16.26982
         396918.26    3767171.08       29.12143                     397438.26
3767171.08        9.28132
         397478.26    3767171.08        6.99565                     397518.26
3767171.08        5.76165
         397558.26    3767171.08        4.81302                     397598.26
3767171.08        4.12142
         397638.26    3767171.08        3.61755                     397678.26
3767171.08        3.13169
         397718.26    3767171.08        2.76132                     396558.26
3767211.08        2.84126
         396598.26    3767211.08        3.24261                     396638.26
3767211.08        3.74254
         396678.26    3767211.08        4.38460                     396718.26
3767211.08        5.16781
         396758.26    3767211.08        6.28225                     396798.26
3767211.08        7.97177
         396838.26    3767211.08       10.66530                     396878.26
3767211.08       15.21244
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	24.20911	396958.26	3767211.08	42.04928
397438.26	3767211.08	8.46279	397478.26	3767211.08	6.64488
397518.26	3767211.08	5.70851	397558.26	3767211.08	4.89340
397598.26	3767211.08	4.19277	397638.26	3767211.08	3.58326
397678.26	3767211.08	3.09219	397718.26	3767211.08	2.72485
396558.26	3767251.08	2.81406	396598.26	3767251.08	3.20408
396638.26	3767251.08	3.69041	396678.26	3767251.08	4.30925
396718.26	3767251.08	5.08317	396758.26	3767251.08	6.06765
396798.26	3767251.08	7.54332	396838.26	3767251.08	9.76917
396878.26	3767251.08	13.33063	396918.26	3767251.08	16.79954
396958.26	3767251.08	23.09243	396998.26	3767251.08	32.48632
397038.26	3767251.08	42.00312	397078.26	3767251.08	57.76412
397118.26	3767251.08	93.73616	397318.26	3767251.08	34.53404
397358.26	3767251.08	18.47635	397398.26	3767251.08	9.74113
397438.26	3767251.08	6.88814	397478.26	3767251.08	5.87260
397518.26	3767251.08	5.34837	397558.26	3767251.08	4.53852
397598.26	3767251.08	3.93450	397638.26	3767251.08	3.51597
397678.26	3767251.08	3.08103	397718.26	3767251.08	2.71626
396558.26	3767291.08	2.14880	396598.26	3767291.08	2.62489
396638.26	3767291.08	3.08934	396678.26	3767291.08	3.83234
396718.26	3767291.08	4.88353	396758.26	3767291.08	5.75659
396798.26	3767291.08	6.99504	396838.26	3767291.08	8.77918

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         396878.26    3767291.08       10.59167                      396918.26
3767291.08       12.51811
         396958.26    3767291.08       16.04519                      396998.26
3767291.08       18.20037
         397038.26    3767291.08       19.68107                      397078.26
3767291.08       25.03818
         397118.26    3767291.08       38.27404                      397158.26
3767291.08       72.45064
         397278.26    3767291.08       39.82047                      397318.26
3767291.08       25.16633
         397358.26    3767291.08       14.19165                      397398.26
3767291.08        8.30407
         397438.26    3767291.08        6.17183                      397478.26
3767291.08        5.19461
         397518.26    3767291.08        4.35412                      397558.26
3767291.08        3.47076
         397598.26    3767291.08        3.00928                      397638.26
3767291.08        3.10784
         397678.26    3767291.08        3.01009                      397718.26
3767291.08        2.68561
         396558.26    3767331.08        1.81487                      396598.26
3767331.08        2.11140
         396638.26    3767331.08        2.53414                      396678.26
3767331.08        3.35679
         396718.26    3767331.08        4.30322                      396758.26
3767331.08        5.38398
         396798.26    3767331.08        6.39343                      396838.26
3767331.08        7.79263
         396878.26    3767331.08        8.96682                      396918.26
3767331.08       10.11151
         396958.26    3767331.08       12.04271                      396998.26
3767331.08       14.57519
         397038.26    3767331.08       15.15372                      397078.26
3767331.08       17.52539
         397118.26    3767331.08       22.20220                      397158.26
3767331.08       30.41640
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  70
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08       34.93043                     397238.26
3767331.08       33.79349
         397278.26    3767331.08       26.70220                     397318.26
3767331.08       18.22328
         397358.26    3767331.08       12.04106                     397398.26
3767331.08        7.95667
         397438.26    3767331.08        6.17171                     397478.26
3767331.08        5.00138
         397518.26    3767331.08        4.06585                     397558.26
3767331.08        3.37031
         397598.26    3767331.08        2.85230                     397638.26
3767331.08        2.66378
         397678.26    3767331.08        2.79111                     397718.26
3767331.08        2.65058
         396558.26    3767371.08        1.73502                     396598.26
3767371.08        2.10864
         396638.26    3767371.08        2.54111                     396678.26
3767371.08        3.30430
         396718.26    3767371.08        4.22311                     396758.26
3767371.08        4.97084
         396798.26    3767371.08        5.79460                     396838.26
3767371.08        6.86797
         396878.26    3767371.08        7.99735                     396918.26
3767371.08        8.77651
         396958.26    3767371.08        9.93963                     396998.26
3767371.08       11.66472
         397038.26    3767371.08       11.83436                     397078.26
3767371.08       12.74385
         397118.26    3767371.08       15.44302                     397158.26
3767371.08       17.56419
         397198.26    3767371.08       20.20923                     397238.26
3767371.08       21.32937
         397278.26    3767371.08       18.98249                     397318.26
3767371.08       14.55174
         397358.26    3767371.08       10.94127                     397398.26
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3767371.08        7.68833
         397438.26    3767371.08        6.19287                      397478.26
3767371.08        5.07387
         397518.26    3767371.08        4.21508                      397558.26
3767371.08        3.55234
         397598.26    3767371.08        3.04451                      397638.26
3767371.08        2.61064
         397678.26    3767371.08        2.42828                      397718.26
3767371.08        2.49569
         396558.26    3767411.08        1.66604                      396598.26
3767411.08        2.08789
         396638.26    3767411.08        2.62155                      396678.26
3767411.08        3.25197
         396718.26    3767411.08        3.93164                      396758.26
3767411.08        4.55109
         396798.26    3767411.08        5.22219                      396838.26
3767411.08        6.06161
         396878.26    3767411.08        6.90476                      396918.26
3767411.08        7.65755
         396958.26    3767411.08        8.37245                      396998.26
3767411.08        8.79947
         397038.26    3767411.08        8.83228                      397078.26
3767411.08        9.53577
         397118.26    3767411.08       10.98972                      397158.26
3767411.08       12.88043
         397198.26    3767411.08       14.68396                      397238.26
3767411.08       15.46668
         397278.26    3767411.08       14.66090                      397318.26
3767411.08       12.31579
         397358.26    3767411.08        9.98120                      397398.26
3767411.08        7.30558
         397438.26    3767411.08        6.02054                      397478.26
3767411.08        5.03167
         397518.26    3767411.08        4.25766                      397558.26
3767411.08        3.65623
         397598.26    3767411.08        3.18252                      397638.26
3767411.08        2.75263
         397678.26    3767411.08        2.37257                      397718.26
3767411.08        2.27217
         396558.26    3767451.08        1.65526                      396598.26
3767451.08        2.01237
         396638.26    3767451.08        2.49146                      396678.26
3767451.08        2.97952
         396718.26    3767451.08        3.45135                      396758.26
3767451.08        4.15024
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	4.69286	396838.26	3767451.08	5.35848
396878.26	3767451.08	6.01918	396918.26	3767451.08	6.58800
396958.26	3767451.08	7.16237	396998.26	3767451.08	7.60069
397038.26	3767451.08	7.77352	397078.26	3767451.08	8.12754
397118.26	3767451.08	8.88107	397158.26	3767451.08	10.06549
397198.26	3767451.08	11.25067	397238.26	3767451.08	11.84805
397278.26	3767451.08	11.69805	397318.26	3767451.08	10.50490
397358.26	3767451.08	8.92033	397398.26	3767451.08	6.78112
397438.26	3767451.08	5.72835	397478.26	3767451.08	4.90863
397518.26	3767451.08	4.22741	397558.26	3767451.08	3.68998
397598.26	3767451.08	3.26468	397638.26	3767451.08	2.85601
397678.26	3767451.08	2.49103	397718.26	3767451.08	2.25586
396558.26	3767491.08	1.63491	396598.26	3767491.08	1.92564

396638.26 3767491.08 2.16986 396678.26 3767491.08 2.44814
396718.26 3767491.08 2.90933 396758.26 3767491.08 3.75851
396798.26 3767491.08 4.21727 396838.26 3767491.08 4.73792
396878.26 3767491.08 5.27869 396918.26 3767491.08 5.73082
396958.26 3767491.08 6.26325 396998.26 3767491.08 6.76326
397038.26 3767491.08 6.82962 397078.26 3767491.08 7.03284
397118.26 3767491.08 7.48421 397158.26 3767491.08 8.20976
397198.26 3767491.08 9.03183 397238.26 3767491.08 9.49990
397278.26 3767491.08 9.47419 397318.26 3767491.08 8.94614
397358.26 3767491.08 7.97059 397398.26 3767491.08 6.51110
397438.26 3767491.08 5.44731 397478.26 3767491.08 4.67294
397518.26 3767491.08 4.08779 397558.26 3767491.08 3.63412
397598.26 3767491.08 3.28904 397638.26 3767491.08 2.90404
397678.26 3767491.08 2.56511 397718.26 3767491.08 2.32053
396558.26 3767531.08 1.53881 396598.26 3767531.08 1.71679
396638.26 3767531.08 1.82987 396678.26 3767531.08 2.06021
396718.26 3767531.08 2.59322 396758.26 3767531.08 3.43512
396798.26 3767531.08 3.79656 396838.26 3767531.08 4.19943
396878.26 3767531.08 4.60552 396918.26 3767531.08 5.03620
396958.26 3767531.08 5.51251 396998.26 3767531.08 6.01581
397038.26 3767531.08 6.13792 397078.26 3767531.08 6.37805
397118.26 3767531.08 6.48422 397158.26 3767531.08 6.87444
397198.26 3767531.08 7.42451 397238.26 3767531.08 7.78043
397278.26 3767531.08 7.84723 397318.26 3767531.08 7.58173
397358.26 3767531.08 7.05965 397398.26 3767531.08 6.04693

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   3.23050   397638.26
3767531.08   2.87191
         397678.26   3767531.08   2.55363   397718.26
3767531.08   2.31979
         397320.82   3767219.11   46.03340   397330.82
3767209.11   41.07393
         397340.82   3767189.11   37.50610   397340.82
3767199.11   35.89416
         397340.82   3767209.11   33.81434   397350.82
3767189.11   30.19203
         397350.82   3767199.11   29.53112   397360.82
3767189.11   25.11327
         397360.82   3767199.11   24.83211   397370.82
3767189.11   21.44963
         397380.82   3767189.11   18.59451   396934.73
3767169.52   42.01316
         397014.53   3767229.60   70.70053   397044.10

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3767223.97       93.59277
         397113.57    3767239.93      102.74567                      397158.63
3767280.29       83.49716
         397168.95    3767307.05       54.58285                      397244.05
3767296.72       57.31556
         397260.95    3767278.88       59.84102                      397409.74
3767205.66       11.98724
         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331                      396920.42
3767167.32       30.43934
         396989.95    3767243.54       35.17747                      397044.10
3767223.97       93.59277
         397113.57    3767239.93      102.74567                      397158.63
3767280.29       83.49716
         397168.95    3767307.05       54.58285                      397244.05
3767296.72       57.31556
         397260.95    3767278.88       59.84102                      397409.74
3767205.66       11.98724
         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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                                   PAGE  73
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.91257	396598.26	3766771.08	2.09199
396638.26	3766771.08	2.31300	396678.26	3766771.08	2.53001
396718.26	3766771.08	2.75833	396758.26	3766771.08	2.98851
396798.26	3766771.08	3.21119	396838.26	3766771.08	3.45751
396878.26	3766771.08	3.70018	396918.26	3766771.08	3.93485
396958.26	3766771.08	4.14583	396998.26	3766771.08	4.31588
397038.26	3766771.08	4.43861	397078.26	3766771.08	4.50669
397118.26	3766771.08	4.50986	397158.26	3766771.08	4.44698
397198.26	3766771.08	4.34912	397238.26	3766771.08	4.21584
397278.26	3766771.08	4.04898	397318.26	3766771.08	3.85496
397358.26	3766771.08	3.63983	397398.26	3766771.08	3.41689
397438.26	3766771.08	3.18871	397478.26	3766771.08	2.96483
397518.26	3766771.08	2.74909	397558.26	3766771.08	2.54437
397598.26	3766771.08	2.35313	397638.26	3766771.08	2.17629
397678.26	3766771.08	2.01369	397718.26	3766771.08	1.86441
396558.26	3766811.08	2.02432	396598.26	3766811.08	2.21599
396638.26	3766811.08	2.47308	396678.26	3766811.08	2.73911
396718.26	3766811.08	3.00445	396758.26	3766811.08	3.27228
396798.26	3766811.08	3.57912	396838.26	3766811.08	3.90241
396878.26	3766811.08	4.22773	396918.26	3766811.08	4.54853
396958.26	3766811.08	4.84253	396998.26	3766811.08	5.08513
397038.26	3766811.08	5.25900	397078.26	3766811.08	5.35476

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         397118.26    3766811.08        5.38186                      397158.26
3766811.08        5.31847
         397198.26    3766811.08        5.16542                      397238.26
3766811.08        4.95220
         397278.26    3766811.08        4.70531                      397318.26
3766811.08        4.43901
         397358.26    3766811.08        4.15559                      397398.26
3766811.08        3.86281
         397438.26    3766811.08        3.57023                      397478.26
3766811.08        3.28841
         397518.26    3766811.08        3.02095                      397558.26
3766811.08        2.77209
         397598.26    3766811.08        2.54364                      397638.26
3766811.08        2.33571
         397678.26    3766811.08        2.14749                      397718.26
3766811.08        1.97749
         396558.26    3766851.08        2.14519                      396598.26
3766851.08        2.35129
         396638.26    3766851.08        2.61167                      396678.26
3766851.08        2.92402
         396718.26    3766851.08        3.25089                      396758.26
3766851.08        3.60138
         396798.26    3766851.08        3.99639                      396838.26
3766851.08        4.42443
         396878.26    3766851.08        4.87683                      396918.26
3766851.08        5.31313
         396958.26    3766851.08        5.72975                      396998.26
3766851.08        6.08419
         397038.26    3766851.08        6.33769                      397078.26
3766851.08        6.49352
         397118.26    3766851.08        6.53664                      397158.26
3766851.08        6.44727
         397198.26    3766851.08        6.23644                      397238.26
3766851.08        5.94688
         397278.26    3766851.08        5.58695                      397318.26
3766851.08        5.17905
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  74
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        4.78578                      397398.26
3766851.08        4.39559
         397438.26    3766851.08        4.01731                      397478.26
3766851.08        3.65830
         397518.26    3766851.08        3.32541                      397558.26
3766851.08        3.02205
         397598.26    3766851.08        2.74881                      397638.26
3766851.08        2.50449
         397678.26    3766851.08        2.28672                      397718.26
3766851.08        2.09299
         396558.26    3766891.08        2.26345                      396598.26
3766891.08        2.49393
         396638.26    3766891.08        2.78598                      396678.26
3766891.08        3.14663
         396718.26    3766891.08        3.53534                      396758.26
3766891.08        3.97699
         396798.26    3766891.08        4.48005                      396838.26
3766891.08        5.04192
         396878.26    3766891.08        5.66464                      396918.26
3766891.08        6.27552
         396958.26    3766891.08        6.88730                      396998.26
3766891.08        7.41822
         397038.26    3766891.08        7.81345                      397078.26
3766891.08        8.08554
         397118.26    3766891.08        8.13044                      397158.26
3766891.08        7.95216
         397198.26    3766891.08        7.67466                      397238.26
3766891.08        7.24066
         397278.26    3766891.08        6.73265                      397318.26
3766891.08        6.18051
         397358.26    3766891.08        5.59793                      397398.26
3766891.08        5.04128
         397438.26    3766891.08        4.53902                      397478.26
3766891.08        4.07917
         397518.26    3766891.08        3.66496                      397558.26
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3766891.08        3.29411
         397598.26    3766891.08        2.96746                     397638.26
3766891.08        2.68089
         397678.26    3766891.08        2.42980                     397718.26
3766891.08        2.21018
         396558.26    3766931.08        2.38480                     396598.26
3766931.08        2.64651
         396638.26    3766931.08        2.98508                     396678.26
3766931.08        3.37033
         396718.26    3766931.08        3.84570                     396758.26
3766931.08        4.39375
         396798.26    3766931.08        5.03696                     396838.26
3766931.08        5.77896
         396878.26    3766931.08        6.61842                     396918.26
3766931.08        7.53159
         396958.26    3766931.08        8.45292                     396998.26
3766931.08        9.29992
         397038.26    3766931.08        9.97962                     397078.26
3766931.08       10.37490
         397118.26    3766931.08       10.43182                     397158.26
3766931.08       10.16014
         397198.26    3766931.08        9.67153                     397238.26
3766931.08        9.01014
         397278.26    3766931.08        8.23416                     397318.26
3766931.08        7.43685
         397358.26    3766931.08        6.66089                     397398.26
3766931.08        5.87966
         397438.26    3766931.08        5.16903                     397478.26
3766931.08        4.56299
         397518.26    3766931.08        4.04319                     397558.26
3766931.08        3.58721
         397598.26    3766931.08        3.19668                     397638.26
3766931.08        2.86182
         397678.26    3766931.08        2.57394                     397718.26
3766931.08        2.32761
         396558.26    3766971.08        2.49918                     396598.26
3766971.08        2.79349
         396638.26    3766971.08        3.16176                     396678.26
3766971.08        3.60462
         396718.26    3766971.08        4.15595                     396758.26
3766971.08        4.83018
         396798.26    3766971.08        5.65299                     396838.26
3766971.08        6.66081
         396878.26    3766971.08        7.83913                     396918.26
3766971.08        9.20239
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	10.68174	396998.26	3766971.08	12.15398
397038.26	3766971.08	13.30487	397078.26	3766971.08	13.89084
397118.26	3766971.08	13.90936	397158.26	3766971.08	13.39966
397198.26	3766971.08	12.53747	397238.26	3766971.08	11.47469
397278.26	3766971.08	10.29568	397318.26	3766971.08	9.10993
397358.26	3766971.08	7.18863	397398.26	3766971.08	6.47917
397438.26	3766971.08	5.93312	397478.26	3766971.08	5.12195
397518.26	3766971.08	4.45382	397558.26	3766971.08	3.89606
397598.26	3766971.08	3.43198	397638.26	3766971.08	3.04284
397678.26	3766971.08	2.71466	397718.26	3766971.08	2.44059
396558.26	3767011.08	2.60513	396598.26	3767011.08	2.92216
396638.26	3767011.08	3.33034	396678.26	3767011.08	3.83823
396718.26	3767011.08	4.46950	396758.26	3767011.08	5.28043

396798.26 3767011.08 6.31980 396838.26
3767011.08 7.67107
396878.26 3767011.08 9.38726 396918.26
3767011.08 11.54464
396958.26 3767011.08 14.03821 396998.26
3767011.08 16.78636
397038.26 3767011.08 18.89950 397078.26
3767011.08 19.83316
397118.26 3767011.08 19.58868 397158.26
3767011.08 18.47151
397198.26 3767011.08 16.91763 397238.26
3767011.08 15.12508
397278.26 3767011.08 13.25450 397318.26
3767011.08 11.38709
397358.26 3767011.08 8.50209 397398.26
3767011.08 6.87772
397438.26 3767011.08 6.54675 397478.26
3767011.08 5.73376
397518.26 3767011.08 4.88748 397558.26
3767011.08 4.21259
397598.26 3767011.08 3.66580 397638.26
3767011.08 3.21957
397678.26 3767011.08 2.85013 397718.26
3767011.08 2.54669
396558.26 3767051.08 2.69478 396598.26
3767051.08 3.04605
396638.26 3767051.08 3.47626 396678.26
3767051.08 4.04392
396718.26 3767051.08 4.76792 396758.26
3767051.08 5.71578
396798.26 3767051.08 7.00219 396838.26
3767051.08 8.77670
396878.26 3767051.08 11.30155 396918.26
3767051.08 14.91253
396958.26 3767051.08 19.75655 396998.26
3767051.08 25.65437
397038.26 3767051.08 30.33615 397078.26
3767051.08 31.31199
397118.26 3767051.08 29.86811 397158.26
3767051.08 27.22046
397198.26 3767051.08 24.16824 397238.26
3767051.08 20.96070
397278.26 3767051.08 17.81661 397318.26
3767051.08 14.63191
397358.26 3767051.08 11.13027 397398.26
3767051.08 8.13924
397438.26 3767051.08 6.97299 397478.26
3767051.08 6.21057
397518.26 3767051.08 5.34006 397558.26
3767051.08 4.53225

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3767091.08   2.77182   396598.26
3767091.08   3.15546
         396638.26   3767091.08   3.60685   396678.26
3767091.08   4.19822
         396718.26   3767091.08   5.00497   396758.26
3767091.08   6.09100
         396798.26   3767091.08   7.61222   396838.26
3767091.08   9.87560
         396878.26   3767091.08   13.43301   396918.26
3767091.08   19.44198
         396958.26   3767091.08   29.93302   396998.26
3767091.08   50.18614
         397078.26   3767091.08   60.66837   397118.26
3767091.08   53.00676
         397158.26   3767091.08   45.22249   397198.26
3767091.08   38.07266
         397238.26   3767091.08   31.65050   397278.26

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3767091.08       25.83996
         397318.26    3767091.08       19.94495                    397358.26
3767091.08       14.18130
         397398.26    3767091.08        9.97168                    397438.26
3767091.08        7.70578
         397478.26    3767091.08        6.01965                    397518.26
3767091.08        5.05913
         397558.26    3767091.08        4.20294                    397598.26
3767091.08        3.82178
         397638.26    3767091.08        3.53642                    397678.26
3767091.08        3.08813
         397718.26    3767091.08        2.70978                    396558.26
3767131.08        2.82839
         396598.26    3767131.08        3.22658                    396638.26
3767131.08        3.71652
         396678.26    3767131.08        4.31328                    396718.26
3767131.08        5.14868
         396758.26    3767131.08        6.33567                    396798.26
3767131.08        8.05196
         396838.26    3767131.08       10.72226                    396878.26
3767131.08       15.43211
         396918.26    3767131.08       25.20598                    396958.26
3767131.08       52.66753
         397238.26    3767131.08       58.23840                    397278.26
3767131.08       44.86057
         397318.26    3767131.08       30.55217                    397358.26
3767131.08       18.24913
         397398.26    3767131.08       11.80753                    397438.26
3767131.08        8.62085
         397478.26    3767131.08        6.26598                    397518.26
3767131.08        5.14619
         397558.26    3767131.08        4.31634                    397598.26
3767131.08        3.82795
         397638.26    3767131.08        3.59905                    397678.26
3767131.08        3.17077
         397718.26    3767131.08        2.77739                    396558.26
3767171.08        2.86035
         396598.26    3767171.08        3.26298                    396638.26
3767171.08        3.77049
         396678.26    3767171.08        4.39261                    396718.26
3767171.08        5.20738
         396758.26    3767171.08        6.40186                    396798.26
3767171.08        8.20766
         396838.26    3767171.08       11.06395                    396878.26
3767171.08       16.33002
         396918.26    3767171.08       29.20019                    397438.26
3767171.08        9.33481
         397478.26    3767171.08        7.04056                    397518.26
3767171.08        5.79991
         397558.26    3767171.08        4.84598                    397598.26
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3767171.08   4.15005
         397638.26   3767171.08   3.64251   397678.26
3767171.08   3.15340
         397718.26   3767171.08   2.78034   396558.26
3767211.08   2.85562
         396598.26   3767211.08   3.25895   396638.26
3767211.08   3.76125
         396678.26   3767211.08   4.40619   396718.26
3767211.08   5.19241
         396758.26   3767211.08   6.31106   396798.26
3767211.08   8.00648
         396838.26   3767211.08   10.70838   396878.26
3767211.08   15.26654

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396918.26   3767211.08   24.27772   396958.26
3767211.08   42.13436
         397438.26   3767211.08   8.53262   397478.26
3767211.08   6.70150
         397518.26   3767211.08   5.75589   397558.26
3767211.08   4.93349
         397598.26   3767211.08   4.22702   397638.26
3767211.08   3.61248

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         397678.26    3767211.08        3.11721                    397718.26
3767211.08        2.74646
         396558.26    3767251.08        2.82827                    396598.26
3767251.08        3.22025
         396638.26    3767251.08        3.70889                    396678.26
3767251.08        4.33054
         396718.26    3767251.08        5.10739                    396758.26
3767251.08        6.09526
         396798.26    3767251.08        7.57601                    396838.26
3767251.08        9.80884
         396878.26    3767251.08       13.38045                    396918.26
3767251.08       16.85885
         396958.26    3767251.08       23.16536                    396998.26
3767251.08       32.58435
         397038.26    3767251.08       42.15189                    397078.26
3767251.08       58.00323
         397118.26    3767251.08       94.23865                    397318.26
3767251.08       34.80378
         397358.26    3767251.08       18.65808                    397398.26
3767251.08        9.87123
         397438.26    3767251.08        6.98653                    397478.26
3767251.08        5.94863
         397518.26    3767251.08        5.40943                    397558.26
3767251.08        4.58840
         397598.26    3767251.08        3.97602                    397638.26
3767251.08        3.55097
         397678.26    3767251.08        3.11058                    397718.26
3767251.08        2.74138
         396558.26    3767291.08        2.16193                    396598.26
3767291.08        2.63995
         396638.26    3767291.08        3.10662                    396678.26
3767291.08        3.85248
         396718.26    3767291.08        4.90741                    396758.26
3767291.08        5.78334
         396798.26    3767291.08        7.02622                    396838.26
3767291.08        8.81648
         396878.26    3767291.08       10.63669                    396918.26
3767291.08       12.57156
         396958.26    3767291.08       16.11153                    396998.26
3767291.08       18.29318
         397038.26    3767291.08       19.85387                    397078.26
3767291.08       25.31907
         397118.26    3767291.08       38.59965                    397158.26
3767291.08       72.94021
         397278.26    3767291.08       40.25361                    397318.26
3767291.08       25.53222
         397358.26    3767291.08       14.43048                    397398.26
3767291.08        8.48226
         397438.26    3767291.08        6.30373                    397478.26
3767291.08        5.29490
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         397518.26    3767291.08        4.43259                      397558.26
3767291.08        3.53363
         397598.26    3767291.08        3.06039                      397638.26
3767291.08        3.14989
         397678.26    3767291.08        3.04527                      397718.26
3767291.08        2.71516
         396558.26    3767331.08        1.82756                      396598.26
3767331.08        2.12578
         396638.26    3767331.08        2.55057                      396678.26
3767331.08        3.37598
         396718.26    3767331.08        4.32580                      396758.26
3767331.08        5.41007
         396798.26    3767331.08        6.42332                      396838.26
3767331.08        7.82799
         396878.26    3767331.08        9.00863                      396918.26
3767331.08       10.16112
         396958.26    3767331.08       12.10508                      396998.26
3767331.08       14.66066
         397038.26    3767331.08       15.29413                      397078.26
3767331.08       17.77170
         397118.26    3767331.08       22.54681                      397158.26
3767331.08       30.87063
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  78
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
397198.26 3767331.08 35.42299 397238.26
3767331.08 34.29279
397278.26 3767331.08 27.15086 397318.26
3767331.08 18.56050
397358.26 3767331.08 12.30938 397398.26
3767331.08 8.16580
397438.26 3767331.08 6.33035 397478.26
3767331.08 5.12350
397518.26 3767331.08 4.16176 397558.26
3767331.08 3.44700
397598.26 3767331.08 2.91394 397638.26
3767331.08 2.71397
397678.26 3767331.08 2.83256 397718.26
3767331.08 2.68508
396558.26 3767371.08 1.74739 396598.26
3767371.08 2.12265
396638.26 3767371.08 2.55710 396678.26
3767371.08 3.32290
396718.26 3767371.08 4.24503 396758.26
3767371.08 4.99596
396798.26 3767371.08 5.82317 396838.26
3767371.08 6.90132
396878.26 3767371.08 8.03703 396918.26
3767371.08 8.82336
396958.26 3767371.08 9.99851 396998.26
3767371.08 11.74438
397038.26 3767371.08 11.95141 397078.26
3767371.08 12.92334
397118.26 3767371.08 15.69164 397158.26
3767371.08 17.88896
397198.26 3767371.08 20.56893 397238.26
3767371.08 21.69233
397278.26 3767371.08 19.32355 397318.26
3767371.08 14.85711
397358.26 3767371.08 11.20056 397398.26
3767371.08 7.90248
397438.26 3767371.08 6.36331 397478.26
3767371.08 5.20959
397518.26 3767371.08 4.32392 397558.26
3767371.08 3.64019
397598.26 3767371.08 3.11588 397638.26
3767371.08 2.66877
397678.26 3767371.08 2.47587 397718.26
3767371.08 2.53515
396558.26 3767411.08 1.67804 396598.26
3767411.08 2.10148
396638.26 3767411.08 2.63714 396678.26
3767411.08 3.27001
396718.26 3767411.08 3.95256 396758.26

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3767411.08        4.57515
         396798.26    3767411.08        5.24945                      396838.26
3767411.08        6.09334
         396878.26    3767411.08        6.94218                      396918.26
3767411.08        7.70185
         396958.26    3767411.08        8.42755                      396998.26
3767411.08        8.87278
         397038.26    3767411.08        8.93515                      397078.26
3767411.08        9.67941
         397118.26    3767411.08       11.17953                      397158.26
3767411.08       13.11427
         397198.26    3767411.08       14.95057                      397238.26
3767411.08       15.74962
         397278.26    3767411.08       14.94080                      397318.26
3767411.08       12.57766
         397358.26    3767411.08       10.21320                      397398.26
3767411.08        7.50702
         397438.26    3767411.08        6.18960                      397478.26
3767411.08        5.17181
         397518.26    3767411.08        4.37315                      397558.26
3767411.08        3.75139
         397598.26    3767411.08        3.26074                      397638.26
3767411.08        2.81706
         397678.26    3767411.08        2.42576                      397718.26
3767411.08        2.31606
         396558.26    3767451.08        1.66689                      396598.26
3767451.08        2.02546
         396638.26    3767451.08        2.50642                      396678.26
3767451.08        2.99661
         396718.26    3767451.08        3.47090                      396758.26
3767451.08        4.17320
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  79
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	4.71875	396838.26	3767451.08	5.38880
396878.26	3767451.08	6.05452	396918.26	3767451.08	6.62973
396958.26	3767451.08	7.21371	396998.26	3767451.08	7.66701
397038.26	3767451.08	7.86230	397078.26	3767451.08	8.24645
397118.26	3767451.08	9.03435	397158.26	3767451.08	10.25101
397198.26	3767451.08	11.46210	397238.26	3767451.08	12.07485
397278.26	3767451.08	11.92712	397318.26	3767451.08	10.72453
397358.26	3767451.08	9.12320	397398.26	3767451.08	6.96280
397438.26	3767451.08	5.88698	397478.26	3767451.08	5.04518
397518.26	3767451.08	4.34355	397558.26	3767451.08	3.78780
397598.26	3767451.08	3.34651	397638.26	3767451.08	2.92430
397678.26	3767451.08	2.54809	397718.26	3767451.08	2.30350
396558.26	3767491.08	1.64612	396598.26	3767491.08	1.93821
396638.26	3767491.08	2.18398	396678.26	3767491.08	2.46406
396718.26	3767491.08	2.92748	396758.26	3767491.08	3.78005
396798.26	3767491.08	4.24181	396838.26	3767491.08	4.76658
396878.26	3767491.08	5.31214	396918.26	3767491.08	5.77007
396958.26	3767491.08	6.31101	396998.26	3767491.08	6.82337
397038.26	3767491.08	6.90702	397078.26	3767491.08	7.13295
397118.26	3767491.08	7.60973	397158.26	3767491.08	8.35994

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         397198.26    3767491.08        9.20278                      397238.26
3767491.08        9.68392
         397278.26    3767491.08        9.66306                      397318.26
3767491.08        9.13098
         397358.26    3767491.08        8.14502                      397398.26
3767491.08        6.67192
         397438.26    3767491.08        5.59231                      397478.26
3767491.08        4.80092
         397518.26    3767491.08        4.19944                      397558.26
3767491.08        3.73031
         397598.26    3767491.08        3.37118                      397638.26
3767491.08        2.97390
         397678.26    3767491.08        2.62415                      397718.26
3767491.08        2.37046
         396558.26    3767531.08        1.54959                      396598.26
3767531.08        1.72879
         396638.26    3767531.08        1.84325                      396678.26
3767531.08        2.07525
         396718.26    3767531.08        2.61035                      396758.26
3767531.08        3.45567
         396798.26    3767531.08        3.81989                      396838.26
3767531.08        4.22641
         396878.26    3767531.08        4.63685                      396918.26
3767531.08        5.07313
         396958.26    3767531.08        5.55695                      396998.26
3767531.08        6.07060
         397038.26    3767531.08        6.20658                      397078.26
3767531.08        6.46406
         397118.26    3767531.08        6.58979                      397158.26
3767531.08        6.99937
         397198.26    3767531.08        7.56560                      397238.26
3767531.08        7.93300
         397278.26    3767531.08        8.00469                      397318.26
3767531.08        7.73833
         397358.26    3767531.08        7.21015                      397398.26
3767531.08        6.18788
         397438.26    3767531.08        5.05863                      397478.26
3767531.08        4.43240
         397518.26    3767531.08        3.97853                      397558.26
3767531.08        3.59248
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  80
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
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                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        3.31029                      397638.26
3767531.08        2.94086
         397678.26    3767531.08        2.61298                      397718.26
3767531.08        2.37068
         397320.82    3767219.11       46.32268                      397330.82
3767209.11       41.33467
         397340.82    3767189.11       37.70272                      397340.82
3767199.11       36.11427
         397340.82    3767209.11       34.05148                      397350.82
3767189.11       30.36348
         397350.82    3767199.11       29.72011                      397360.82
3767189.11       25.24702
         397360.82    3767199.11       24.97913                      397370.82
3767189.11       21.55290
         397380.82    3767189.11       18.68071                      396934.73
3767169.52       42.10097
         397014.53    3767229.60       70.82512                      397044.10
3767223.97       93.79637
         397113.57    3767239.93      103.30540                      397158.63
3767280.29       84.07265
         397168.95    3767307.05       55.00055                      397244.05
3767296.72       57.76702
         397260.95    3767278.88       60.25039                      397409.74
3767205.66       12.06661
         397422.89    3767189.23       10.86884                      397426.64
3767180.78       10.41745
         397420.54    3767170.46       10.99340                      397318.68
3767160.13       48.95073
         397022.98    3767083.62       52.93471                      396920.42
3767167.32       30.52003
         396989.95    3767243.54       35.27080                      397044.10
```

3767223.97   93.79637
         397113.57   3767239.93   103.30540   397158.63
3767280.29   84.07265
         397168.95   3767307.05   55.00055   397244.05
3767296.72   57.76702
         397260.95   3767278.88   60.25039   397409.74
3767205.66   12.06661
         397422.89   3767189.23   10.86884   397426.64
3767180.78   10.41745
         397420.54   3767170.46   10.99340   397318.68
3767160.13   48.95073
         397022.98   3767083.62   52.93471

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   0.14396   396598.26
3766771.08   0.17066
         396638.26   3766771.08   0.20882   396678.26
3766771.08   0.25050
         396718.26   3766771.08   0.29240   396758.26
3766771.08   0.32497
         396798.26   3766771.08   0.34626   396838.26
3766771.08   0.35719
         396878.26   3766771.08   0.35815   396918.26

3766771.08 0.35167
396958.26 3766771.08 0.34800 396998.26 3766771.08 0.31903
397038.26 3766771.08 0.28436 397078.26 3766771.08 0.24627
397118.26 3766771.08 0.20253 397158.26 3766771.08 0.15808
397198.26 3766771.08 0.13916 397238.26 3766771.08 0.12912
397278.26 3766771.08 0.11898 397318.26 3766771.08 0.11899
397358.26 3766771.08 0.11587 397398.26 3766771.08 0.11593
397438.26 3766771.08 0.11789 397478.26 3766771.08 0.11584
397518.26 3766771.08 0.11491 397558.26 3766771.08 0.11667
397598.26 3766771.08 0.12119 397638.26 3766771.08 0.12190
397678.26 3766771.08 0.12108 397718.26 3766771.08 0.11922
396558.26 3766811.08 0.14375 396598.26 3766811.08 0.16870
396638.26 3766811.08 0.20782 396678.26 3766811.08 0.25445
396718.26 3766811.08 0.30217 396758.26 3766811.08 0.33800
396798.26 3766811.08 0.37923 396838.26 3766811.08 0.41150
396878.26 3766811.08 0.41874 396918.26 3766811.08 0.41941
396958.26 3766811.08 0.40839 396998.26 3766811.08 0.38739
397038.26 3766811.08 0.34340 397078.26 3766811.08 0.29152
397118.26 3766811.08 0.24230 397158.26 3766811.08 0.19060
397198.26 3766811.08 0.16255 397238.26 3766811.08 0.14657
397278.26 3766811.08 0.13699 397318.26 3766811.08 0.13376
397358.26 3766811.08 0.13133 397398.26 3766811.08 0.13471
397438.26 3766811.08 0.13643 397478.26 3766811.08 0.13560
397518.26 3766811.08 0.13958 397558.26 3766811.08 0.14556
397598.26 3766811.08 0.14789 397638.26 3766811.08 0.14862
397678.26 3766811.08 0.14649 397718.26

3766811.08   0.14179
         396558.26   3766851.08   0.13842   396598.26
3766851.08   0.16632
         396638.26   3766851.08   0.19967   396678.26
3766851.08   0.24568
         396718.26   3766851.08   0.29232   396758.26
3766851.08   0.34981
         396798.26   3766851.08   0.40299   396838.26
3766851.08   0.45645
         396878.26   3766851.08   0.48989   396918.26
3766851.08   0.49729
         396958.26   3766851.08   0.48162   396998.26
3766851.08   0.46200
         397038.26   3766851.08   0.41358   397078.26
3766851.08   0.35058
         397118.26   3766851.08   0.29257   397158.26
3766851.08   0.22843
         397198.26   3766851.08   0.19334   397238.26
3766851.08   0.17426
         397278.26   3766851.08   0.16147   397318.26
3766851.08   0.15261

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.15414   397398.26

3766851.08 0.15933
397438.26 3766851.08 0.15950 397478.26
3766851.08 0.16762
397518.26 3766851.08 0.17591 397558.26
3766851.08 0.17976
397598.26 3766851.08 0.18213 397638.26
3766851.08 0.17903
397678.26 3766851.08 0.17257 397718.26
3766851.08 0.16222
396558.26 3766891.08 0.13326 396598.26
3766891.08 0.15841
396638.26 3766891.08 0.19340 396678.26
3766891.08 0.23846
396718.26 3766891.08 0.29139 396758.26
3766891.08 0.35003
396798.26 3766891.08 0.42219 396838.26
3766891.08 0.48475
396878.26 3766891.08 0.55152 396918.26
3766891.08 0.57610
396958.26 3766891.08 0.58030 396998.26
3766891.08 0.54562
397038.26 3766891.08 0.49998 397078.26
3766891.08 0.43884
397118.26 3766891.08 0.35494 397158.26
3766891.08 0.27115
397198.26 3766891.08 0.23130 397238.26
3766891.08 0.20766
397278.26 3766891.08 0.19393 397318.26
3766891.08 0.18558
397358.26 3766891.08 0.19093 397398.26
3766891.08 0.19378
397438.26 3766891.08 0.19999 397478.26
3766891.08 0.21157
397518.26 3766891.08 0.22033 397558.26
3766891.08 0.22312
397598.26 3766891.08 0.21874 397638.26
3766891.08 0.21129
397678.26 3766891.08 0.19821 397718.26
3766891.08 0.18295
396558.26 3766931.08 0.13286 396598.26
3766931.08 0.15441
396638.26 3766931.08 0.18781 396678.26
3766931.08 0.22324
396718.26 3766931.08 0.27850 396758.26
3766931.08 0.34542
396798.26 3766931.08 0.41934 396838.26
3766931.08 0.50920
396878.26 3766931.08 0.58761 396918.26
3766931.08 0.65613
396958.26 3766931.08 0.68675 396998.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.80489	396998.26	3766971.08	0.83600
397038.26	3766971.08	0.78983	397078.26	3766971.08	0.71328
397118.26	3766971.08	0.65761	397158.26	3766971.08	0.60735
397198.26	3766971.08	0.42245	397238.26	3766971.08	0.36654
397278.26	3766971.08	0.30790	397318.26	3766971.08	0.31754
397358.26	3766971.08	0.32533	397398.26	3766971.08	0.33775
397438.26	3766971.08	0.35257	397478.26	3766971.08	0.34829
397518.26	3766971.08	0.33621	397558.26	3766971.08	0.31831
397598.26	3766971.08	0.29669	397638.26	3766971.08	0.27038
397678.26	3766971.08	0.24169	397718.26	3766971.08	0.21785
396558.26	3767011.08	0.13348	396598.26	3767011.08	0.15374
396638.26	3767011.08	0.18090	396678.26	3767011.08	0.21611
396718.26	3767011.08	0.25589	396758.26	3767011.08	0.31558
396798.26	3767011.08	0.37996	396838.26	3767011.08	0.47982
396878.26	3767011.08	0.61996	396918.26	3767011.08	0.77039
396958.26	3767011.08	0.90677	396998.26	3767011.08	1.01812
397038.26	3767011.08	1.09488	397078.26	3767011.08	1.35865
397118.26	3767011.08	1.23142	397158.26	3767011.08	0.96756
397198.26	3767011.08	0.73315	397238.26	3767011.08	0.63805
397278.26	3767011.08	0.55056	397318.26	3767011.08	0.44383
397358.26	3767011.08	0.43916	397398.26	3767011.08	0.44341
397438.26	3767011.08	0.44667	397478.26		

3767011.08   0.42578
         397518.26   3767011.08   0.39592   397558.26
3767011.08   0.36346
         397598.26   3767011.08   0.32558   397638.26
3767011.08   0.28732
         397678.26   3767011.08   0.25820   397718.26
3767011.08   0.23470
         396558.26   3767051.08   0.13323   396598.26
3767051.08   0.15364
         396638.26   3767051.08   0.17845   396678.26
3767051.08   0.21075
         396718.26   3767051.08   0.25070   396758.26
3767051.08   0.30339
         396798.26   3767051.08   0.36828   396838.26
3767051.08   0.45477
         396878.26   3767051.08   0.57901   396918.26
3767051.08   0.78206
         396958.26   3767051.08   0.98893   396998.26
3767051.08   1.40506
         397038.26   3767051.08   1.86838   397078.26
3767051.08   1.67806
         397118.26   3767051.08   1.46955   397158.26
3767051.08   1.07868
         397198.26   3767051.08   0.86772   397238.26
3767051.08   0.79791
         397278.26   3767051.08   0.93619   397318.26
3767051.08   0.78313
         397358.26   3767051.08   0.59581   397398.26
3767051.08   0.56267
         397438.26   3767051.08   0.53315   397478.26
3767051.08   0.49485
         397518.26   3767051.08   0.44603   397558.26
3767051.08   0.39935
         397598.26   3767051.08   0.35854   397638.26
3767051.08   0.31654
         397678.26   3767051.08   0.28325   397718.26
3767051.08   0.25299

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                EG06   , EG07   , EG08   , EG09   , EG10

```
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.13029                      396598.26
3767091.08        0.15188
         396638.26    3767091.08        0.17493                      396678.26
3767091.08        0.20552
         396718.26    3767091.08        0.24516                      396758.26
3767091.08        0.29158
         396798.26    3767091.08        0.35067                      396838.26
3767091.08        0.43260
         396878.26    3767091.08        0.54396                      396918.26
3767091.08        0.69948
         396958.26    3767091.08        1.10864                      396998.26
3767091.08        2.20734
         397078.26    3767091.08        1.86285                      397118.26
3767091.08        1.60236
         397158.26    3767091.08        1.23189                      397198.26
3767091.08        1.16305
         397238.26    3767091.08        1.21996                      397278.26
3767091.08        1.37312
         397318.26    3767091.08        1.32493                      397358.26
3767091.08        0.77827
         397398.26    3767091.08        0.67815                      397438.26
3767091.08        0.60427
         397478.26    3767091.08        0.54551                      397518.26
3767091.08        0.48857
         397558.26    3767091.08        0.43341                      397598.26
3767091.08        0.38670
         397638.26    3767091.08        0.33971                      397678.26
3767091.08        0.29680
         397718.26    3767091.08        0.25760                      396558.26
3767131.08        0.12519
         396598.26    3767131.08        0.14433                      396638.26
3767131.08        0.16624
         396678.26    3767131.08        0.19219                      396718.26
3767131.08        0.22687
         396758.26    3767131.08        0.27292                      396798.26
```

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3767131.08        0.32823
         396838.26    3767131.08        0.40023                     396878.26
3767131.08        0.49508
         396918.26    3767131.08        0.62878                     396958.26
3767131.08        0.98698
         397238.26    3767131.08        1.61724                     397278.26
3767131.08        1.75098
         397318.26    3767131.08        1.69282                     397358.26
3767131.08        1.11664
         397398.26    3767131.08        0.79280                     397438.26
3767131.08        0.68753
         397478.26    3767131.08        0.59169                     397518.26
3767131.08        0.51220
         397558.26    3767131.08        0.44294                     397598.26
3767131.08        0.38242
         397638.26    3767131.08        0.33380                     397678.26
3767131.08        0.28996
         397718.26    3767131.08        0.25113                     396558.26
3767171.08        0.12514
         396598.26    3767171.08        0.14296                     396638.26
3767171.08        0.16379
         396678.26    3767171.08        0.18345                     396718.26
3767171.08        0.20668
         396758.26    3767171.08        0.24020                     396798.26
3767171.08        0.28640
         396838.26    3767171.08        0.34862                     396878.26
3767171.08        0.43727
         396918.26    3767171.08        0.55167                     397438.26
3767171.08        0.69562
         397478.26    3767171.08        0.58092                     397518.26
3767171.08        0.49397
         397558.26    3767171.08        0.42399                     397598.26
3767171.08        0.36379
         397638.26    3767171.08        0.30939                     397678.26
3767171.08        0.26615
         397718.26    3767171.08        0.23152                     396558.26
3767211.08        0.12256
         396598.26    3767211.08        0.14058                     396638.26
3767211.08        0.16043
         396678.26    3767211.08        0.18320                     396718.26
3767211.08        0.20111
         396758.26    3767211.08        0.22762                     396798.26
3767211.08        0.26508
         396838.26    3767211.08        0.31777                     396878.26
3767211.08        0.38121
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.46230	396958.26	3767211.08	0.55092
397438.26	3767211.08	0.59155	397478.26	3767211.08	0.48862
397518.26	3767211.08	0.41316	397558.26	3767211.08	0.35929
397598.26	3767211.08	0.31504	397638.26	3767211.08	0.27496
397678.26	3767211.08	0.24021	397718.26	3767211.08	0.21111
396558.26	3767251.08	0.11457	396598.26	3767251.08	0.13044
396638.26	3767251.08	0.14818	396678.26	3767251.08	0.16879
396718.26	3767251.08	0.18574	396758.26	3767251.08	0.20332
396798.26	3767251.08	0.23511	396838.26	3767251.08	0.28278
396878.26	3767251.08	0.35140	396918.26	3767251.08	0.41738
396958.26	3767251.08	0.48235	396998.26	3767251.08	0.63036
397038.26	3767251.08	0.55836	397078.26	3767251.08	0.61016
397118.26	3767251.08	1.37409	397318.26	3767251.08	1.23028
397358.26	3767251.08	0.88764	397398.26		

3767251.08 0.68653
397438.26 3767251.08 0.55241 397478.26
3767251.08 0.45367
397518.26 3767251.08 0.38175 397558.26
3767251.08 0.32913
397598.26 3767251.08 0.28801 397638.26
3767251.08 0.25354
397678.26 3767251.08 0.22407 397718.26
3767251.08 0.19817
396558.26 3767291.08 0.10752 396598.26
3767291.08 0.12333
396638.26 3767291.08 0.14095 396678.26
3767291.08 0.16129
396718.26 3767291.08 0.18448 396758.26
3767291.08 0.19696
396798.26 3767291.08 0.22464 396838.26
3767291.08 0.26192
396878.26 3767291.08 0.31851 396918.26
3767291.08 0.36083
396958.26 3767291.08 0.40644 396998.26
3767291.08 0.49842
397038.26 3767291.08 0.73593 397078.26
3767291.08 1.05211
397118.26 3767291.08 0.93789 397158.26
3767291.08 1.43793
397278.26 3767291.08 1.53648 397318.26
3767291.08 1.40896
397358.26 3767291.08 1.01130 397398.26
3767291.08 0.81866
397438.26 3767291.08 0.64987 397478.26
3767291.08 0.52407
397518.26 3767291.08 0.42884 397558.26
3767291.08 0.35637
397598.26 3767291.08 0.29612 397638.26
3767291.08 0.24837
397678.26 3767291.08 0.21538 397718.26
3767291.08 0.18908
396558.26 3767331.08 0.10534 396598.26
3767331.08 0.11843
396638.26 3767331.08 0.13354 396678.26
3767331.08 0.15323
396718.26 3767331.08 0.17580 396758.26
3767331.08 0.19197
396798.26 3767331.08 0.21363 396838.26
3767331.08 0.24693
396878.26 3767331.08 0.29354 396918.26
3767331.08 0.32392
396958.26 3767331.08 0.37921 396998.26
3767331.08 0.45006
397038.26 3767331.08 0.60393 397078.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   1.43525   397238.26
3767331.08   1.50542
         397278.26   3767331.08   1.41028   397318.26
3767331.08   1.09474
         397358.26   3767331.08   0.97215   397398.26
3767331.08   0.82727
         397438.26   3767331.08   0.68407   397478.26
3767331.08   0.56916
         397518.26   3767331.08   0.47259   397558.26
3767331.08   0.39414
         397598.26   3767331.08   0.33304   397638.26
3767331.08   0.28005
         397678.26   3767331.08   0.23564   397718.26
3767331.08   0.19756
         396558.26   3767371.08   0.10213   396598.26
3767371.08   0.11442
         396638.26   3767371.08   0.13003   396678.26
3767371.08   0.15030
         396718.26   3767371.08   0.17267   396758.26

3767371.08 0.18932
396798.26 3767371.08 0.20847 396838.26
3767371.08 0.23560
396878.26 3767371.08 0.27863 396918.26
3767371.08 0.31517
396958.26 3767371.08 0.36273 396998.26
3767371.08 0.44813
397038.26 3767371.08 0.55948 397078.26
3767371.08 0.73414
397118.26 3767371.08 0.88351 397158.26
3767371.08 1.09703
397198.26 3767371.08 1.12030 397238.26
3767371.08 1.08473
397278.26 3767371.08 1.01276 397318.26
3767371.08 0.94025
397358.26 3767371.08 0.83864 397398.26
3767371.08 0.76422
397438.26 3767371.08 0.65572 397478.26
3767371.08 0.55732
397518.26 3767371.08 0.47874 397558.26
3767371.08 0.41132
397598.26 3767371.08 0.35086 397638.26
3767371.08 0.29809
397678.26 3767371.08 0.25140 397718.26
3767371.08 0.21384
396558.26 3767411.08 0.09723 396598.26
3767411.08 0.11008
396638.26 3767411.08 0.12563 396678.26
3767411.08 0.14352
396718.26 3767411.08 0.16552 396758.26
3767411.08 0.18550
396798.26 3767411.08 0.20326 396838.26
3767411.08 0.23104
396878.26 3767411.08 0.26426 396918.26
3767411.08 0.30019
396958.26 3767411.08 0.35742 396998.26
3767411.08 0.42668
397038.26 3767411.08 0.51519 397078.26
3767411.08 0.64283
397118.26 3767411.08 0.73531 397158.26
3767411.08 0.85399
397198.26 3767411.08 0.94108 397238.26
3767411.08 0.92817
397278.26 3767411.08 0.87239 397318.26
3767411.08 0.81727
397358.26 3767411.08 0.74227 397398.26
3767411.08 0.66160
397438.26 3767411.08 0.59966 397478.26
3767411.08 0.53374
397518.26 3767411.08 0.46218 397558.26

3767411.08   0.40056
         397598.26   3767411.08   0.35116   397638.26
3767411.08   0.30319
         397678.26   3767411.08   0.26182   397718.26
3767411.08   0.22448
         396558.26   3767451.08   0.09425   396598.26
3767451.08   0.10607
         396638.26   3767451.08   0.12201   396678.26
3767451.08   0.14025
         396718.26   3767451.08   0.15861   396758.26
3767451.08   0.17856

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   0.19563   396838.26
3767451.08   0.22185
         396878.26   3767451.08   0.25587   396918.26
3767451.08   0.29348
         396958.26   3767451.08   0.34009   396998.26
3767451.08   0.38050
         397038.26   3767451.08   0.45828   397078.26
3767451.08   0.55009
         397118.26   3767451.08   0.63211   397158.26
3767451.08   0.71995
         397198.26   3767451.08   0.79834   397238.26

3767451.08 0.81332
397278.26 3767451.08 0.77401 397318.26 3767451.08 0.70422
397358.26 3767451.08 0.65668 397398.26 3767451.08 0.59960
397438.26 3767451.08 0.52993 397478.26 3767451.08 0.48382
397518.26 3767451.08 0.43911 397558.26 3767451.08 0.38757
397598.26 3767451.08 0.33886 397638.26 3767451.08 0.29479
397678.26 3767451.08 0.25940 397718.26 3767451.08 0.22621
396558.26 3767491.08 0.09187 396598.26 3767491.08 0.10360
396638.26 3767491.08 0.11824 396678.26 3767491.08 0.13262
396718.26 3767491.08 0.14895 396758.26 3767491.08 0.16805
396798.26 3767491.08 0.18641 396838.26 3767491.08 0.21658
396878.26 3767491.08 0.24829 396918.26 3767491.08 0.28294
396958.26 3767491.08 0.31250 396998.26 3767491.08 0.34167
397038.26 3767491.08 0.40973 397078.26 3767491.08 0.48371
397118.26 3767491.08 0.55541 397158.26 3767491.08 0.61389
397198.26 3767491.08 0.67500 397238.26 3767491.08 0.70361
397278.26 3767491.08 0.67797 397318.26 3767491.08 0.63440
397358.26 3767491.08 0.57924 397398.26 3767491.08 0.53519
397438.26 3767491.08 0.48845 397478.26 3767491.08 0.43669
397518.26 3767491.08 0.39718 397558.26 3767491.08 0.36478
397598.26 3767491.08 0.32559 397638.26 3767491.08 0.28579
397678.26 3767491.08 0.25141 397718.26 3767491.08 0.21996
396558.26 3767531.08 0.08976 396598.26 3767531.08 0.10068
396638.26 3767531.08 0.11158 396678.26 3767531.08 0.12477
396718.26 3767531.08 0.14016 396758.26 3767531.08 0.16216
396798.26 3767531.08 0.18297 396838.26

3767531.08   0.20858
         396878.26   3767531.08   0.23760   396918.26
3767531.08   0.26153
         396958.26   3767531.08   0.28326   396998.26
3767531.08   0.32000
         397038.26   3767531.08   0.37251   397078.26
3767531.08   0.43945
         397118.26   3767531.08   0.49870   397158.26
3767531.08   0.53715
         397198.26   3767531.08   0.58350   397238.26
3767531.08   0.61326
         397278.26   3767531.08   0.59686   397318.26
3767531.08   0.56719
         397358.26   3767531.08   0.52218   397398.26
3767531.08   0.48137
         397438.26   3767531.08   0.44253   397478.26
3767531.08   0.40294
         397518.26   3767531.08   0.36103   397558.26
3767531.08   0.32718

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   0.30272   397638.26
3767531.08   0.27289
         397678.26   3767531.08   0.24247   397718.26

3767531.08   0.21377
         397320.82   3767219.11   1.72954   397330.82
3767209.11   1.94806
         397340.82   3767189.11   2.12119   397340.82
3767199.11   1.97576
         397340.82   3767209.11   1.83398   397350.82
3767189.11   2.03666
         397350.82   3767199.11   1.85946   397360.82
3767189.11   1.75907
         397360.82   3767199.11   1.60405   397370.82
3767189.11   1.26142
         397380.82   3767189.11   0.94325   396934.73
3767169.52   0.60351
         397014.53   3767229.60   0.87363   397044.10
3767223.97   0.85787
         397113.57   3767239.93   1.47301   397158.63
3767280.29   1.70008
         397168.95   3767307.05   1.21255   397244.05
3767296.72   1.31669
         397260.95   3767278.88   1.36054   397409.74
3767205.66   0.70832
         397422.89   3767189.23   0.71521   397426.64
3767180.78   0.72070
         397420.54   3767170.46   0.75731   397318.68
3767160.13   1.75030
         397022.98   3767083.62   2.16549   396920.42
3767167.32   0.56688
         396989.95   3767243.54   0.62198   397044.10
3767223.97   0.85787
         397113.57   3767239.93   1.47301   397158.63
3767280.29   1.70008
         397168.95   3767307.05   1.21255   397244.05
3767296.72   1.31669
         397260.95   3767278.88   1.36054   397409.74
3767205.66   0.70832
         397422.89   3767189.23   0.71521   397426.64
3767180.78   0.72070
         397420.54   3767170.46   0.75731   397318.68
3767160.13   1.75030
         397022.98   3767083.62   2.16549

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED

OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	3.20691	396598.26	3766771.08	3.49507
396638.26	3766771.08	3.84412	396678.26	3766771.08	4.18600
396718.26	3766771.08	4.54326	396758.26	3766771.08	4.90457
396798.26	3766771.08	5.25653	396838.26	3766771.08	5.64398
396878.26	3766771.08	6.02877	396918.26	3766771.08	6.40442
396958.26	3766771.08	6.75750	396998.26	3766771.08	7.05273
397038.26	3766771.08	7.27225	397078.26	3766771.08	7.40155
397118.26	3766771.08	7.42312	397158.26	3766771.08	7.33438
397198.26	3766771.08	7.18211	397238.26	3766771.08	6.96730
397278.26	3766771.08	6.69478	397318.26	3766771.08	6.37668
397358.26	3766771.08	6.02555	397398.26	3766771.08	5.66107
397438.26	3766771.08	5.28833	397478.26	3766771.08	4.92253
397518.26	3766771.08	4.56991	397558.26	3766771.08	4.23506
397598.26	3766771.08	3.92205	397638.26	3766771.08	3.63632
397678.26	3766771.08	3.37182	397718.26	3766771.08	3.12732

396558.26 3766811.08 3.39795 396598.26 3766811.08 3.70998
396638.26 3766811.08 4.11943 396678.26 3766811.08 4.54034
396718.26 3766811.08 4.96027 396758.26 3766811.08 5.38351
396798.26 3766811.08 5.86349 396838.26 3766811.08 6.36832
396878.26 3766811.08 6.87861 396918.26 3766811.08 7.38501
396958.26 3766811.08 7.85472 396998.26 3766811.08 8.26819
397038.26 3766811.08 8.57400 397078.26 3766811.08 8.75296
397118.26 3766811.08 8.81542 397158.26 3766811.08 8.72768
397198.26 3766811.08 8.49161 397238.26 3766811.08 8.15305
397278.26 3766811.08 7.75439 397318.26 3766811.08 7.32263
397358.26 3766811.08 6.86190 397398.26 3766811.08 6.38540
397438.26 3766811.08 5.90917 397478.26 3766811.08 5.45003
397518.26 3766811.08 5.01402 397558.26 3766811.08 4.60775
397598.26 3766811.08 4.23743 397638.26 3766811.08 3.89981
397678.26 3766811.08 3.59199 397718.26 3766811.08 3.31203
396558.26 3766851.08 3.60133 396598.26 3766851.08 3.94083
396638.26 3766851.08 4.36332 396678.26 3766851.08 4.86296
396718.26 3766851.08 5.38390 396758.26 3766851.08 5.93857
396798.26 3766851.08 6.56220 396838.26 3766851.08 7.22779
396878.26 3766851.08 7.92656 396918.26 3766851.08 8.60860
396958.26 3766851.08 9.26397 396998.26 3766851.08 9.83874
397038.26 3766851.08 10.27604 397078.26 3766851.08 10.55500
397118.26 3766851.08 10.64810 397158.26 3766851.08 10.52404
397198.26 3766851.08 10.19950 397238.26 3766851.08 9.74076
397278.26 3766851.08 9.16663 397318.26 3766851.08 8.51502

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	7.87999	397398.26	3766851.08	7.24782
397438.26	3766851.08	6.63408	397478.26	3766851.08	6.05104
397518.26	3766851.08	5.50965	397558.26	3766851.08	5.01638
397598.26	3766851.08	4.57393	397638.26	3766851.08	4.17537
397678.26	3766851.08	3.81762	397718.26	3766851.08	3.49734
396558.26	3766891.08	3.79788	396598.26	3766891.08	4.18006
396638.26	3766891.08	4.65817	396678.26	3766891.08	5.24122
396718.26	3766891.08	5.86656	396758.26	3766891.08	6.57015
396798.26	3766891.08	7.36868	396838.26	3766891.08	8.25257
396878.26	3766891.08	9.21262	396918.26	3766891.08	10.15278
396958.26	3766891.08	11.10238	396998.26		

```
3766891.08       11.93333
         397038.26    3766891.08       12.58891                       397078.26
3766891.08       13.05245
         397118.26    3766891.08       13.15802                       397158.26
3766891.08       12.90609
         397198.26    3766891.08       12.47783                       397238.26
3766891.08       11.79524
         397278.26    3766891.08       10.99272                       397318.26
3766891.08       10.11284
         397358.26    3766891.08        9.18188                       397398.26
3766891.08        8.28800
         397438.26    3766891.08        7.47673                       397478.26
3766891.08        6.73217
         397518.26    3766891.08        6.05990                       397558.26
3766891.08        5.45867
         397598.26    3766891.08        4.92782                       397638.26
3766891.08        4.45866
         397678.26    3766891.08        4.04498                       397718.26
3766891.08        3.68258
         396558.26    3766931.08        3.99488                       396598.26
3766931.08        4.43030
         396638.26    3766931.08        4.98621                       396678.26
3766931.08        5.61697
         396718.26    3766931.08        6.38833                       396758.26
3766931.08        7.26967
         396798.26    3766931.08        8.29207                       396838.26
3766931.08        9.46881
         396878.26    3766931.08       10.77987                       396918.26
3766931.08       12.17509
         396958.26    3766931.08       13.58533                       396998.26
3766931.08       14.88862
         397038.26    3766931.08       15.94911                       397078.26
3766931.08       16.61326
         397118.26    3766931.08       16.74763                       397158.26
3766931.08       16.36100
         397198.26    3766931.08       15.61569                       397238.26
3766931.08       14.58855
         397278.26    3766931.08       13.37265                       397318.26
3766931.08       12.10932
         397358.26    3766931.08       10.87068                       397398.26
3766931.08        9.62428
         397438.26    3766931.08        8.48664                       397478.26
3766931.08        7.51019
         397518.26    3766931.08        6.66873                       397558.26
3766931.08        5.92913
         397598.26    3766931.08        5.29345                       397638.26
3766931.08        4.74675
         397678.26    3766931.08        4.27544                       397718.26
3766931.08        3.87085
         396558.26    3766971.08        4.17652                       396598.26
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3766971.08   4.66589
         396638.26   3766971.08   5.27380   396678.26
3766971.08   6.00166
         396718.26   3766971.08   6.90146   396758.26
3766971.08   7.99518
         396798.26   3766971.08   9.31450   396838.26
3766971.08   10.90894
         396878.26   3766971.08   12.76618   396918.26
3766971.08   14.86966

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   17.10644   396998.26
3766971.08   19.33638
         397038.26   3766971.08   21.07696   397078.26
3766971.08   22.01826
         397118.26   3766971.08   22.09060   397158.26
3766971.08   21.35408
         397198.26   3766971.08   20.06785   397238.26
3766971.08   18.44353
         397278.26   3766971.08   16.61136   397318.26
3766971.08   14.74598
         397358.26   3766971.08   12.61085   397398.26
3766971.08   10.97593

```
         397438.26    3766971.08        9.69988                    397478.26
3766971.08        8.40074
         397518.26    3766971.08        7.32447                    397558.26
3766971.08        6.42236
         397598.26    3766971.08        5.66887                    397638.26
3766971.08        5.03503
         397678.26    3766971.08        4.49900                    397718.26
3766971.08        4.04964
         396558.26    3767011.08        4.34092                    396598.26
3767011.08        4.86775
         396638.26    3767011.08        5.54092                    396678.26
3767011.08        6.37518
         396718.26    3767011.08        7.41219                    396758.26
3767011.08        8.73595
         396798.26    3767011.08       10.41626                    396838.26
3767011.08       12.56251
         396878.26    3767011.08       15.25287                    396918.26
3767011.08       18.60007
         396958.26    3767011.08       22.37552                    396998.26
3767011.08       26.49210
         397038.26    3767011.08       29.61644                    397078.26
3767011.08       30.97048
         397118.26    3767011.08       30.67738                    397158.26
3767011.08       29.09099
         397198.26    3767011.08       26.78541                    397238.26
3767011.08       24.07599
         397278.26    3767011.08       21.19939                    397318.26
3767011.08       18.29784
         397358.26    3767011.08       14.97984                    397398.26
3767011.08       12.36736
         397438.26    3767011.08       10.92395                    397478.26
3767011.08        9.36633
         397518.26    3767011.08        8.00917                    397558.26
3767011.08        6.92126
         397598.26    3767011.08        6.03637                    397638.26
3767011.08        5.31174
         397678.26    3767011.08        4.71021                    397718.26
3767011.08        4.21439
         396558.26    3767051.08        4.47687                    396598.26
3767051.08        5.05690
         396638.26    3767051.08        5.76619                    396678.26
3767051.08        6.69565
         396718.26    3767051.08        7.87829                    396758.26
3767051.08        9.42923
         396798.26    3767051.08       11.51791                    396838.26
3767051.08       14.36786
         396878.26    3767051.08       18.34355                    396918.26
3767051.08       23.88373
         396958.26    3767051.08       31.22998                    396998.26
3767051.08       39.96993
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         397038.26    3767051.08       46.74419                      397078.26
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         397118.26    3767051.08       46.07273                      397158.26
3767051.08       42.25431
         397198.26    3767051.08       37.74662                      397238.26
3767051.08       32.94306
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3767051.08       23.33855
         397358.26    3767051.08       18.54658                      397398.26
3767051.08       14.46485
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3767051.08        7.41440
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3767051.08        5.56539
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3767051.08        4.34466
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        4.59138                      396598.26
3767091.08        5.22022
         396638.26    3767091.08        5.96210                      396678.26
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3767091.08 6.92897
396718.26 3767091.08 8.23897 396758.26
3767091.08 9.99486
396798.26 3767091.08 12.44903 396838.26
3767091.08 16.07796
396878.26 3767091.08 21.70012 396918.26
3767091.08 30.95446
396958.26 3767091.08 46.66198 396998.26
3767091.08 76.84893
397078.26 3767091.08 91.78612 397118.26
3767091.08 80.18444
397158.26 3767091.08 68.77267 397198.26
3767091.08 58.30164
397238.26 3767091.08 48.80800 397278.26
3767091.08 40.11535
397318.26 3767091.08 31.38377 397358.26
3767091.08 23.27691
397398.26 3767091.08 17.52007 397438.26
3767091.08 14.26094
397478.26 3767091.08 11.79894 397518.26
3767091.08 9.80184
397558.26 3767091.08 8.35195 397598.26
3767091.08 6.80504
397638.26 3767091.08 5.78472 397678.26
3767091.08 5.06250
397718.26 3767091.08 4.46760 396558.26
3767131.08 4.67331
396598.26 3767131.08 5.32314 396638.26
3767131.08 6.12183
396678.26 3767131.08 7.09576 396718.26
3767131.08 8.44760
396758.26 3767131.08 10.35435 396798.26
3767131.08 13.09383
396838.26 3767131.08 17.31613 396878.26
3767131.08 24.64575
396918.26 3767131.08 39.57383 396958.26
3767131.08 80.87971
397238.26 3767131.08 87.42476 397278.26
3767131.08 67.84744
397318.26 3767131.08 47.35924 397358.26
3767131.08 29.62980
397398.26 3767131.08 21.18824 397438.26
3767131.08 16.19140
397478.26 3767131.08 13.18723 397518.26
3767131.08 10.76558
397558.26 3767131.08 8.99703 397598.26
3767131.08 7.42279
397638.26 3767131.08 5.91001 397678.26
3767131.08 5.17418
397718.26 3767131.08 4.55374 396558.26

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3767171.08        4.71952
         396598.26    3767171.08        5.37154                      396638.26
3767171.08        6.19402
         396678.26    3767171.08        7.20245                      396718.26
3767171.08        8.51803
         396758.26    3767171.08       10.42730                      396798.26
3767171.08       13.28459
         396838.26    3767171.08       17.75299                      396878.26
3767171.08       25.85051
         396918.26    3767171.08       45.27240                      397438.26
3767171.08       17.20667
         397478.26    3767171.08       13.43748                      397518.26
3767171.08       10.59878
         397558.26    3767171.08        8.56999                      397598.26
3767171.08        7.02424
         397638.26    3767171.08        5.97023                      397678.26
3767171.08        5.18951
         397718.26    3767171.08        4.57518                      396558.26
3767211.08        4.71454
         396598.26    3767211.08        5.36520                      396638.26
3767211.08        6.17222
         396678.26    3767211.08        7.20376                      396718.26
3767211.08        8.46805
         396758.26    3767211.08       10.24913                      396798.26
3767211.08       12.91492
         396838.26    3767211.08       17.11172                      396878.26
3767211.08       24.10856
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  93
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	37.96470	396958.26	3767211.08	65.90961
397438.26	3767211.08	17.84563	397478.26	3767211.08	14.14568
397518.26	3767211.08	10.79470	397558.26	3767211.08	8.55285
397598.26	3767211.08	7.06268	397638.26	3767211.08	6.03096
397678.26	3767211.08	5.24614	397718.26	3767211.08	4.58024
396558.26	3767251.08	4.66856	396598.26	3767251.08	5.30022
396638.26	3767251.08	6.08402	396678.26	3767251.08	7.07560
396718.26	3767251.08	8.30964	396758.26	3767251.08	9.87201
396798.26	3767251.08	12.19906	396838.26	3767251.08	15.67646
396878.26	3767251.08	21.17340	396918.26	3767251.08	29.34557
396958.26	3767251.08	41.07074	396998.26	3767251.08	54.76938
397038.26	3767251.08	66.14855	397078.26	3767251.08	86.62963
397118.26	3767251.08	136.29649	397318.26	3767251.08	49.97476
397358.26	3767251.08	33.72987	397398.26	3767251.08	22.63346
397438.26	3767251.08	17.21280	397478.26	3767251.08	14.37483
397518.26	3767251.08	11.61299	397558.26	3767251.08	9.50125
397598.26	3767251.08	7.71242	397638.26	3767251.08	6.09650
397678.26	3767251.08	5.26979	397718.26	3767251.08	4.59955
396558.26	3767291.08	5.00181	396598.26	3767291.08	5.50928
396638.26	3767291.08	6.18870	396678.26	3767291.08	6.85937
396718.26	3767291.08	7.98107	396758.26	3767291.08	9.36499
396798.26	3767291.08	11.32377	396838.26	3767291.08	14.12634

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3767291.08       23.77635
         396958.26    3767291.08       29.74114                      396998.26
3767291.08       33.18151
         397038.26    3767291.08       34.12755                      397078.26
3767291.08       41.07239
         397118.26    3767291.08       58.94984                      397158.26
3767291.08      105.84527
         397278.26    3767291.08       57.75916                      397318.26
3767291.08       41.59073
         397358.26    3767291.08       29.35120                      397398.26
3767291.08       20.44029
         397438.26    3767291.08       16.41419                      397478.26
3767291.08       14.17196
         397518.26    3767291.08       12.04390                      397558.26
3767291.08        9.98804
         397598.26    3767291.08        8.69764                      397638.26
3767291.08        7.53483
         397678.26    3767291.08        5.73977                      397718.26
3767291.08        4.78173
         396558.26    3767331.08        5.56660                      396598.26
3767331.08        6.09452
         396638.26    3767331.08        6.58799                      396678.26
3767331.08        7.00616
         396718.26    3767331.08        7.54429                      396758.26
3767331.08        8.76398
         396798.26    3767331.08       10.38026                      396838.26
3767331.08       12.63850
         396878.26    3767331.08       15.72660                      396918.26
3767331.08       19.46285
         396958.26    3767331.08       23.08598                      396998.26
3767331.08       26.83220
         397038.26    3767331.08       27.42418                      397078.26
3767331.08       30.80231
         397118.26    3767331.08       37.29439                      397158.26
3767331.08       48.38901
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  94
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08       53.67975                     397238.26
3767331.08       50.15937
         397278.26    3767331.08       43.47812                     397318.26
3767331.08       34.74514
         397358.26    3767331.08       26.29482                     397398.26
3767331.08       19.88559
         397438.26    3767331.08       16.50125                     397478.26
3767331.08       13.93849
         397518.26    3767331.08       11.77423                     397558.26
3767331.08       10.10286
         397598.26    3767331.08        8.79231                     397638.26
3767331.08        8.07350
         397678.26    3767331.08        7.01514                     397718.26
3767331.08        5.37674
         396558.26    3767371.08        5.40951                     396598.26
3767371.08        5.80517
         396638.26    3767371.08        6.31833                     396678.26
3767371.08        6.43140
         396718.26    3767371.08        7.00629                     396758.26
3767371.08        8.11508
         396798.26    3767371.08        9.45007                     396838.26
3767371.08       11.26863
         396878.26    3767371.08       13.41092                     396918.26
3767371.08       16.35829
         396958.26    3767371.08       19.45882                     396998.26
3767371.08       22.34870
         397038.26    3767371.08       22.41902                     397078.26
3767371.08       23.58003
         397118.26    3767371.08       27.28688                     397158.26
3767371.08       30.62623
         397198.26    3767371.08       34.84173                     397238.26
3767371.08       35.75549
         397278.26    3767371.08       32.57803                     397318.26
3767371.08       28.58626
         397358.26    3767371.08       23.99359                     397398.26
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3767371.08       19.27976
         397438.26    3767371.08       16.49665                       397478.26
3767371.08       14.08426
         397518.26    3767371.08       12.17743                       397558.26
3767371.08       10.64423
         397598.26    3767371.08        9.31488                       397638.26
3767371.08        8.16703
         397678.26    3767371.08        7.49788                       397718.26
3767371.08        6.58202
         396558.26    3767411.08        5.21638                       396598.26
3767411.08        5.61609
         396638.26    3767411.08        5.67367                       396678.26
3767411.08        5.83401
         396718.26    3767411.08        6.51983                       396758.26
3767411.08        7.45324
         396798.26    3767411.08        8.58964                       396838.26
3767411.08       10.02542
         396878.26    3767411.08       11.58853                       396918.26
3767411.08       13.91773
         396958.26    3767411.08       16.92522                       396998.26
3767411.08       18.24027
         397038.26    3767411.08       17.94162                       397078.26
3767411.08       18.58046
         397118.26    3767411.08       20.95576                       397158.26
3767411.08       24.19094
         397198.26    3767411.08       27.29772                       397238.26
3767411.08       28.39149
         397278.26    3767411.08       26.64475                       397318.26
3767411.08       23.85603
         397358.26    3767411.08       21.83237                       397398.26
3767411.08       18.11275
         397438.26    3767411.08       15.87538                       397478.26
3767411.08       14.03066
         397518.26    3767411.08       12.31141                       397558.26
3767411.08       10.80625
         397598.26    3767411.08        9.71781                       397638.26
3767411.08        8.64012
         397678.26    3767411.08        7.60907                       397718.26
3767411.08        7.04681
         396558.26    3767451.08        5.09289                       396598.26
3767451.08        5.40422
         396638.26    3767451.08        5.34226                       396678.26
3767451.08        5.52826
         396718.26    3767451.08        6.09240                       396758.26
3767451.08        6.82829
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	7.77851	396838.26	3767451.08	8.90863
396878.26	3767451.08	10.07531	396918.26	3767451.08	12.11254
396958.26	3767451.08	14.81651	396998.26	3767451.08	16.23661
397038.26	3767451.08	16.32642	397078.26	3767451.08	16.59236
397118.26	3767451.08	18.05432	397158.26	3767451.08	20.13649
397198.26	3767451.08	22.46421	397238.26	3767451.08	23.41711
397278.26	3767451.08	22.63170	397318.26	3767451.08	20.58274
397358.26	3767451.08	18.98672	397398.26	3767451.08	16.68556
397438.26	3767451.08	15.02322	397478.26	3767451.08	13.44664
397518.26	3767451.08	12.17990	397558.26	3767451.08	10.98218
397598.26	3767451.08	9.88355	397638.26	3767451.08	8.81572
397678.26	3767451.08	7.96983	397718.26	3767451.08	7.26522
396558.26	3767491.08	4.94347	396598.26	3767491.08	5.16439

396638.26 3767491.08 5.55301 396678.26
3767491.08 5.96918
396718.26 3767491.08 6.10747 396758.26
3767491.08 6.24624
396798.26 3767491.08 7.02792 396838.26
3767491.08 7.90513
396878.26 3767491.08 8.83506 396918.26
3767491.08 10.51549
396958.26 3767491.08 12.87519 396998.26
3767491.08 14.41370
397038.26 3767491.08 14.87484 397078.26
3767491.08 15.05709
397118.26 3767491.08 15.92653 397158.26
3767491.08 17.25143
397198.26 3767491.08 19.13490 397238.26
3767491.08 19.97110
397278.26 3767491.08 19.56612 397318.26
3767491.08 18.31447
397358.26 3767491.08 16.94336 397398.26
3767491.08 15.35908
397438.26 3767491.08 14.16661 397478.26
3767491.08 12.79616
397518.26 3767491.08 11.59625 397558.26
3767491.08 10.72826
397598.26 3767491.08 9.97686 397638.26
3767491.08 9.00642
397678.26 3767491.08 8.08744 397718.26
3767491.08 7.39829
396558.26 3767531.08 4.77307 396598.26
3767531.08 5.14590
396638.26 3767531.08 5.56764 396678.26
3767531.08 6.02051
396718.26 3767531.08 5.99941 396758.26
3767531.08 5.71973
396798.26 3767531.08 6.34744 396838.26
3767531.08 7.04422
396878.26 3767531.08 7.73828 396918.26
3767531.08 8.90919
396958.26 3767531.08 11.00175 396998.26
3767531.08 12.52705
397038.26 3767531.08 13.61400 397078.26
3767531.08 14.01379
397118.26 3767531.08 14.33264 397158.26
3767531.08 15.11020
397198.26 3767531.08 16.54248 397238.26
3767531.08 17.23915
397278.26 3767531.08 17.16240 397318.26
3767531.08 16.21793
397358.26 3767531.08 15.08579 397398.26
3767531.08 13.99704

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397438.26	3767531.08	12.66230	397478.26	3767531.08	11.90761
397518.26	3767531.08	11.04192	397558.26	3767531.08	10.19922
397598.26	3767531.08	9.64850	397638.26	3767531.08	8.94400
397678.26	3767531.08	8.14298	397718.26	3767531.08	7.46661
397320.82	3767219.11	65.26798	397330.82	3767209.11	58.79105
397340.82	3767189.11	54.84554	397340.82	3767199.11	52.12410
397340.82	3767209.11	48.79560	397350.82	3767189.11	44.66394
397350.82	3767199.11	43.39009	397360.82	3767189.11	37.58304
397360.82	3767199.11	36.90408	397370.82	3767189.11	32.42850
397380.82	3767189.11	28.41455	396934.73	3767169.52	64.92894
397014.53	3767229.60	104.50637	397044.10		

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3767223.97      137.22566
         397113.57    3767239.93      148.51708                       397158.63
3767280.29      120.82437
         397168.95    3767307.05       80.27777                       397244.05
3767296.72       80.86249
         397260.95    3767278.88       85.75246                       397409.74
3767205.66       21.47929
         397422.89    3767189.23       19.33096                       397426.64
3767180.78       18.76195
         397420.54    3767170.46       19.48845                       397318.68
3767160.13       76.04791
         397022.98    3767083.62       80.83723                       396920.42
3767167.32       47.28608
         396989.95    3767243.54       58.43841                       397044.10
3767223.97      137.22566
         397113.57    3767239.93      148.51708                       397158.63
3767280.29      120.82437
         397168.95    3767307.05       80.27777                       397244.05
3767296.72       80.86249
         397260.95    3767278.88       85.75246                       397409.74
3767205.66       21.47929
         397422.89    3767189.23       19.33096                       397426.64
3767180.78       18.76195
         397420.54    3767170.46       19.48845                       397318.68
3767160.13       76.04791
         397022.98    3767083.62       80.83723

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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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                                  PAGE  97
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	3.23781	396598.26	3766771.08	3.52915
396638.26	3766771.08	3.88431	396678.26	3766771.08	4.22664
396718.26	3766771.08	4.58614	396758.26	3766771.08	4.94844
396798.26	3766771.08	5.29951	396838.26	3766771.08	5.68901
396878.26	3766771.08	6.07639	396918.26	3766771.08	6.45446
396958.26	3766771.08	6.79787	396998.26	3766771.08	7.07646
397038.26	3766771.08	7.28698	397078.26	3766771.08	7.41491
397118.26	3766771.08	7.43509	397158.26	3766771.08	7.34516
397198.26	3766771.08	7.19182	397238.26	3766771.08	6.97601
397278.26	3766771.08	6.70505	397318.26	3766771.08	6.38845
397358.26	3766771.08	6.03706	397398.26	3766771.08	5.67258
397438.26	3766771.08	5.30002	397478.26	3766771.08	4.93453
397518.26	3766771.08	4.58226	397558.26	3766771.08	4.24774
397598.26	3766771.08	3.93928	397638.26	3766771.08	3.65446
397678.26	3766771.08	3.39027	397718.26	3766771.08	3.14545
396558.26	3766811.08	3.43001	396598.26	3766811.08	3.74566
396638.26	3766811.08	4.16069	396678.26	3766811.08	4.59241
396718.26	3766811.08	5.00920	396758.26	3766811.08	5.43286
396798.26	3766811.08	5.91413	396838.26	3766811.08	6.42004
396878.26	3766811.08	6.93227	396918.26	3766811.08	7.44175
396958.26	3766811.08	7.91349	396998.26	3766811.08	8.30530
397038.26	3766811.08	8.59095	397078.26	3766811.08	8.76823

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         397118.26    3766811.08        8.82902                      397158.26
3766811.08        8.73988
         397198.26    3766811.08        8.50253                      397238.26
3766811.08        8.16356
         397278.26    3766811.08        7.76770                      397318.26
3766811.08        7.33620
         397358.26    3766811.08        6.87536                      397398.26
3766811.08        6.39904
         397438.26    3766811.08        5.92318                      397478.26
3766811.08        5.46452
         397518.26    3766811.08        5.02927                      397558.26
3766811.08        4.62605
         397598.26    3766811.08        4.25882                      397638.26
3766811.08        3.92162
         397678.26    3766811.08        3.61428                      397718.26
3766811.08        3.33368
         396558.26    3766851.08        3.63382                      396598.26
3766851.08        3.97748
         396638.26    3766851.08        4.40490                      396678.26
3766851.08        4.91453
         396718.26    3766851.08        5.45024                      396758.26
3766851.08        6.00094
         396798.26    3766851.08        6.61548                      396838.26
3766851.08        7.28365
         396878.26    3766851.08        7.99021                      396918.26
3766851.08        8.67373
         396958.26    3766851.08        9.33122                      396998.26
3766851.08        9.89583
         397038.26    3766851.08       10.30109                      397078.26
3766851.08       10.57286
         397118.26    3766851.08       10.66387                      397158.26
3766851.08       10.53809
         397198.26    3766851.08       10.21200                      397238.26
3766851.08        9.75511
         397278.26    3766851.08        9.18311                      397318.26
3766851.08        8.53107
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  98
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        7.89611                      397398.26
3766851.08        7.26437
         397438.26    3766851.08        6.65160                      397478.26
3766851.08        6.06925
         397518.26    3766851.08        5.52842                      397558.26
3766851.08        5.04231
         397598.26    3766851.08        4.60078                      397638.26
3766851.08        4.20225
         397678.26    3766851.08        3.84384                      397718.26
3766851.08        3.52244
         396558.26    3766891.08        3.82888                      396598.26
3766891.08        4.21653
         396638.26    3766891.08        4.70045                      396678.26
3766891.08        5.29027
         396718.26    3766891.08        5.92937                      396758.26
3766891.08        6.65322
         396798.26    3766891.08        7.43979                      396838.26
3766891.08        8.31321
         396878.26    3766891.08        9.27865                      396918.26
3766891.08       10.22931
         396958.26    3766891.08       11.18098                      396998.26
3766891.08       12.01173
         397038.26    3766891.08       12.63349                      397078.26
3766891.08       13.07407
         397118.26    3766891.08       13.17688                      397158.26
3766891.08       12.92259
         397198.26    3766891.08       12.49250                      397238.26
3766891.08       11.81593
         397278.26    3766891.08       11.01265                      397318.26
3766891.08       10.13260
         397358.26    3766891.08        9.20186                      397398.26
3766891.08        8.30909
         397438.26    3766891.08        7.49870                      397478.26
3766891.08        6.75586
         397518.26    3766891.08        6.08802                      397558.26
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3766891.08        5.49117
         397598.26    3766891.08        4.96050                      397638.26
3766891.08        4.49059
         397678.26    3766891.08        4.07557                      397718.26
3766891.08        3.71002
         396558.26    3766931.08        4.02462                      396598.26
3766931.08        4.46443
         396638.26    3766931.08        5.02767                      396678.26
3766931.08        5.66612
         396718.26    3766931.08        6.44421                      396758.26
3766931.08        7.34179
         396798.26    3766931.08        8.39103                      396838.26
3766931.08        9.55023
         396878.26    3766931.08       10.85294                      396918.26
3766931.08       12.25844
         396958.26    3766931.08       13.67925                      396998.26
3766931.08       14.98479
         397038.26    3766931.08       16.02788                      397078.26
3766931.08       16.64031
         397118.26    3766931.08       16.77106                      397158.26
3766931.08       16.38119
         397198.26    3766931.08       15.63678                      397238.26
3766931.08       14.61411
         397278.26    3766931.08       13.39751                      397318.26
3766931.08       12.13496
         397358.26    3766931.08       10.89739                      397398.26
3766931.08        9.65309
         397438.26    3766931.08        8.51656                      397478.26
3766931.08        7.54132
         397518.26    3766931.08        6.70471                      397558.26
3766931.08        5.96818
         397598.26    3766931.08        5.33114                      397638.26
3766931.08        4.78035
         397678.26    3766931.08        4.30645                      397718.26
3766931.08        3.90065
         396558.26    3766971.08        4.20549                      396598.26
3766971.08        4.70348
         396638.26    3766971.08        5.32070                      396678.26
3766971.08        6.06026
         396718.26    3766971.08        6.97156                      396758.26
3766971.08        8.07401
         396798.26    3766971.08        9.40637                      396838.26
3766971.08       11.01986
         396878.26    3766971.08       12.85184                      396918.26
3766971.08       14.96154
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	17.21995	396998.26	3766971.08	19.45560
397038.26	3766971.08	21.19563	397078.26	3766971.08	22.07255
397118.26	3766971.08	22.12049	397158.26	3766971.08	21.37929
397198.26	3766971.08	20.09871	397238.26	3766971.08	18.48262
397278.26	3766971.08	16.64466	397318.26	3766971.08	14.78199
397358.26	3766971.08	12.64835	397398.26	3766971.08	11.01570
397438.26	3766971.08	9.74131	397478.26	3766971.08	8.44272
397518.26	3766971.08	7.36673	397558.26	3766971.08	6.46409
397598.26	3766971.08	5.70941	397638.26	3766971.08	5.07364
397678.26	3766971.08	4.53504	397718.26	3766971.08	4.08449
396558.26	3767011.08	4.36815	396598.26	3767011.08	4.90330
396638.26	3767011.08	5.58833	396678.26	3767011.08	6.43698
396718.26	3767011.08	7.48652	396758.26	3767011.08	8.82466

396798.26 3767011.08 10.51730 396838.26
3767011.08 12.68552
396878.26 3767011.08 15.38364 396918.26
3767011.08 18.70604
396958.26 3767011.08 22.51021 396998.26
3767011.08 26.64250
397038.26 3767011.08 29.80182 397078.26
3767011.08 31.12647
397118.26 3767011.08 30.72563 397158.26
3767011.08 29.12314
397198.26 3767011.08 26.83478 397238.26
3767011.08 24.13844
397278.26 3767011.08 21.26734 397318.26
3767011.08 18.34945
397358.26 3767011.08 15.03298 397398.26
3767011.08 12.42747
397438.26 3767011.08 10.98010 397478.26
3767011.08 9.42382
397518.26 3767011.08 8.06481 397558.26
3767011.08 6.97442
397598.26 3767011.08 6.08616 397638.26
3767011.08 5.35763
397678.26 3767011.08 4.75172 397718.26
3767011.08 4.25220
396558.26 3767051.08 4.50411 396598.26
3767051.08 5.08837
396638.26 3767051.08 5.80548 396678.26
3767051.08 6.75026
396718.26 3767051.08 7.95127 396758.26
3767051.08 9.51564
396798.26 3767051.08 11.62112 396838.26
3767051.08 14.48848
396878.26 3767051.08 18.49232 396918.26
3767051.08 24.05234
396958.26 3767051.08 31.36914 396998.26
3767051.08 40.16211
397038.26 3767051.08 47.02090 397078.26
3767051.08 48.37036
397118.26 3767051.08 46.16851 397158.26
3767051.08 42.31416
397198.26 3767051.08 37.81583 397238.26
3767051.08 33.03356
397278.26 3767051.08 28.27136 397318.26
3767051.08 23.43768
397358.26 3767051.08 18.62730 397398.26
3767051.08 14.65353
397438.26 3767051.08 12.43350 397478.26
3767051.08 10.35949
397518.26 3767051.08 8.77971 397558.26
3767051.08 7.47774

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	4.61913	396598.26	3767091.08	5.25212
396638.26	3767091.08	5.99845	396678.26	3767091.08	6.97118
396718.26	3767091.08	8.29095	396758.26	3767091.08	10.07197
396798.26	3767091.08	12.55131	396838.26	3767091.08	16.20267
396878.26	3767091.08	21.84933	396918.26	3767091.08	31.13990
396958.26	3767091.08	46.81945	396998.26	3767091.08	77.15480
397078.26	3767091.08	91.97592	397118.26	3767091.08	80.27485
397158.26	3767091.08	68.83960	397198.26	3767091.08	58.39931
397238.26	3767091.08	48.93996	397278.26	3767091.08	6.44329
397598.26	3767051.08	6.44329	397638.26	3767051.08	5.61564
397678.26	3767051.08	4.94586	397718.26	3767051.08	4.38370

3767091.08 40.27461
397318.26 3767091.08 31.55526 397358.26
3767091.08 23.39284
397398.26 3767091.08 17.99126 397438.26
3767091.08 14.68488
397478.26 3767091.08 12.21977 397518.26
3767091.08 10.18241
397558.26 3767091.08 8.73673 397598.26
3767091.08 7.09471
397638.26 3767091.08 5.83711 397678.26
3767091.08 5.10816
397718.26 3767091.08 4.50510 396558.26
3767131.08 4.70195
396598.26 3767131.08 5.35570 396638.26
3767131.08 6.15877
396678.26 3767131.08 7.13730 396718.26
3767131.08 8.49572
396758.26 3767131.08 10.41220 396798.26
3767131.08 13.16317
396838.26 3767131.08 17.40057 396878.26
3767131.08 24.78729
396918.26 3767131.08 39.74637 396958.26
3767131.08 81.11745
397238.26 3767131.08 87.65222 397278.26
3767131.08 68.05866
397318.26 3767131.08 47.56969 397358.26
3767131.08 29.79478
397398.26 3767131.08 21.74421 397438.26
3767131.08 16.70513
397478.26 3767131.08 13.69439 397518.26
3767131.08 11.22936
397558.26 3767131.08 9.39741 397598.26
3767131.08 7.76194
397638.26 3767131.08 5.96000 397678.26
3767131.08 5.21808
397718.26 3767131.08 4.59205 396558.26
3767171.08 4.74662
396598.26 3767171.08 5.40517 396638.26
3767171.08 6.23230
396678.26 3767171.08 7.24527 396718.26
3767171.08 8.56630
396758.26 3767171.08 10.48357 396798.26
3767171.08 13.35206
396838.26 3767171.08 17.83525 396878.26
3767171.08 25.94098
396918.26 3767171.08 45.39776 397438.26
3767171.08 17.77793
397478.26 3767171.08 13.95077 397518.26
3767171.08 11.00923
397558.26 3767171.08 8.91825 397598.26

3767171.08   7.32216
        397638.26   3767171.08   6.06736   397678.26
3767171.08   5.27490
        397718.26   3767171.08   4.61219   396558.26
3767211.08   4.73670
        396598.26   3767211.08   5.39076   396638.26
3767211.08   6.20616
        396678.26   3767211.08   7.24789   396718.26
3767211.08   8.51670
        396758.26   3767211.08   10.30522   396798.26
3767211.08   12.98206
        396838.26   3767211.08   17.18528   396878.26
3767211.08   24.20021

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***

INCLUDING SOURCE(S):   EG01   , EG02   , EG03   , EG04   , EG05   ,
EG06   , EG07   , EG08   , EG09   , EG10   , EG11   , EG12   , EG13   ,
EG14   , EG15   , EG16   , EG17   , EG18   , EG19   , EG20   , EG21   ,
EG22   , EG23   , EG24   , L0000001   , L0000002   , L0000003   , L0000004   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	38.08341	396958.26	3767211.08	65.95615
397438.26	3767211.08	18.31582	397478.26	3767211.08	14.53377
397518.26	3767211.08	11.08403	397558.26	3767211.08	8.84059
397598.26	3767211.08	7.27954	397638.26	3767211.08	6.21933

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         397678.26    3767211.08        5.40999                    397718.26
3767211.08        4.72375
         396558.26    3767251.08        4.68868                    396598.26
3767251.08        5.32327
         396638.26    3767251.08        6.11402                    396678.26
3767251.08        7.11417
         396718.26    3767251.08        8.35747                    396758.26
3767251.08        9.93036
         396798.26    3767251.08       12.26079                    396838.26
3767251.08       15.75001
         396878.26    3767251.08       21.27004                    396918.26
3767251.08       29.39441
         396958.26    3767251.08       41.13883                    396998.26
3767251.08       54.89533
         397038.26    3767251.08       66.31419                    397078.26
3767251.08       86.81515
         397118.26    3767251.08      136.61878                    397318.26
3767251.08       50.59600
         397358.26    3767251.08       34.51000                    397398.26
3767251.08       23.09173
         397438.26    3767251.08       17.57057                    397478.26
3767251.08       14.58475
         397518.26    3767251.08       11.86284                    397558.26
3767251.08        9.71378
         397598.26    3767251.08        7.89664                    397638.26
3767251.08        6.25673
         397678.26    3767251.08        5.41462                    397718.26
3767251.08        4.72735
         396558.26    3767291.08        5.03595                    396598.26
3767291.08        5.55556
         396638.26    3767291.08        6.24109                    396678.26
3767291.08        6.88478
         396718.26    3767291.08        8.02315                    396758.26
3767291.08        9.40514
         396798.26    3767291.08       11.36954                    396838.26
3767291.08       14.17035
         396878.26    3767291.08       18.29578                    396918.26
3767291.08       23.84500
         396958.26    3767291.08       29.82804                    396998.26
3767291.08       33.39669
         397038.26    3767291.08       34.37497                    397078.26
3767291.08       41.43577
         397118.26    3767291.08       59.13484                    397158.26
3767291.08      106.18833
         397278.26    3767291.08       58.46342                    397318.26
3767291.08       42.49314
         397358.26    3767291.08       30.17489                    397398.26
3767291.08       21.14352
         397438.26    3767291.08       16.86786                    397478.26
3767291.08       14.52729
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         397518.26    3767291.08       12.32801                      397558.26
3767291.08       10.22094
         397598.26    3767291.08        8.86611                      397638.26
3767291.08        7.67558
         397678.26    3767291.08        5.86440                      397718.26
3767291.08        4.88042
         396558.26    3767331.08        5.62535                      396598.26
3767331.08        6.15982
         396638.26    3767331.08        6.67012                      396678.26
3767331.08        7.07115
         396718.26    3767331.08        7.57651                      396758.26
3767331.08        8.79075
         396798.26    3767331.08       10.39340                      396838.26
3767331.08       12.65498
         396878.26    3767331.08       15.78718                      396918.26
3767331.08       19.54013
         396958.26    3767331.08       23.29926                      396998.26
3767331.08       27.04715
         397038.26    3767331.08       27.65909                      397078.26
3767331.08       31.19458
         397118.26    3767331.08       37.80968                      397158.26
3767331.08       48.64358
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 102
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
397198.26 3767331.08 54.11042 397238.26
3767331.08 50.43953
397278.26 3767331.08 44.28851 397318.26
3767331.08 35.52417
397358.26 3767331.08 27.07637 397398.26
3767331.08 20.48545
397438.26 3767331.08 17.00478 397478.26
3767331.08 14.25521
397518.26 3767331.08 12.03656 397558.26
3767331.08 10.31724
397598.26 3767331.08 8.98794 397638.26
3767331.08 8.24803
397678.26 3767331.08 7.18018 397718.26
3767331.08 5.53225
396558.26 3767371.08 5.46484 396598.26
3767371.08 5.87651
396638.26 3767371.08 6.39829 396678.26
3767371.08 6.48836
396718.26 3767371.08 7.01049 396758.26
3767371.08 8.11685
396798.26 3767371.08 9.45467 396838.26
3767371.08 11.28631
396878.26 3767371.08 13.43270 396918.26
3767371.08 16.50679
396958.26 3767371.08 19.61195 396998.26
3767371.08 22.56141
397038.26 3767371.08 22.68865 397078.26
3767371.08 23.89861
397118.26 3767371.08 27.66493 397158.26
3767371.08 31.13305
397198.26 3767371.08 35.43154 397238.26
3767371.08 36.05391
397278.26 3767371.08 33.13531 397318.26
3767371.08 29.15392
397358.26 3767371.08 24.80161 397398.26
3767371.08 19.93087
397438.26 3767371.08 16.92819 397478.26
3767371.08 14.50015
397518.26 3767371.08 12.47970 397558.26
3767371.08 10.85653
397598.26 3767371.08 9.48689 397638.26
3767371.08 8.32184
397678.26 3767371.08 7.64935 397718.26
3767371.08 6.73401
396558.26 3767411.08 5.27690 396598.26
3767411.08 5.68414
396638.26 3767411.08 5.72771 396678.26
3767411.08 5.86506
396718.26 3767411.08 6.52995 396758.26

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3767411.08        7.46739
         396798.26    3767411.08        8.60501                         396838.26
3767411.08       10.04360
         396878.26    3767411.08       11.61027                         396918.26
3767411.08       14.01945
         396958.26    3767411.08       17.08610                         396998.26
3767411.08       18.49090
         397038.26    3767411.08       18.25187                         397078.26
3767411.08       18.87003
         397118.26    3767411.08       21.29054                         397158.26
3767411.08       24.60201
         397198.26    3767411.08       27.76889                         397238.26
3767411.08       28.57474
         397278.26    3767411.08       26.87148                         397318.26
3767411.08       24.27355
         397358.26    3767411.08       22.37963                         397398.26
3767411.08       18.74770
         397438.26    3767411.08       16.39749                         397478.26
3767411.08       14.37511
         397518.26    3767411.08       12.59657                         397558.26
3767411.08       11.09647
         397598.26    3767411.08        9.90375                         397638.26
3767411.08        8.79464
         397678.26    3767411.08        7.73711                         397718.26
3767411.08        7.15208
         396558.26    3767451.08        5.14485                         396598.26
3767451.08        5.45377
         396638.26    3767451.08        5.39298                         396678.26
3767451.08        5.56111
         396718.26    3767451.08        6.12991                         396758.26
3767451.08        6.83858
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 103
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	7.79416	396838.26	3767451.08	8.92725
396878.26	3767451.08	10.09721	396918.26	3767451.08	12.21998
396958.26	3767451.08	14.97726	396998.26	3767451.08	16.46967
397038.26	3767451.08	16.55029	397078.26	3767451.08	16.75455
397118.26	3767451.08	18.32419	397158.26	3767451.08	20.47065
397198.26	3767451.08	22.83437	397238.26	3767451.08	23.65861
397278.26	3767451.08	22.77081	397318.26	3767451.08	20.93309
397358.26	3767451.08	19.33993	397398.26	3767451.08	17.12301
397438.26	3767451.08	15.52935	397478.26	3767451.08	13.88006
397518.26	3767451.08	12.45774	397558.26	3767451.08	11.22555
397598.26	3767451.08	10.08825	397638.26	3767451.08	8.97450
397678.26	3767451.08	8.10496	397718.26	3767451.08	7.37891
396558.26	3767491.08	4.98773	396598.26	3767491.08	5.21065
396638.26	3767491.08	5.60509	396678.26	3767491.08	6.02811
396718.26	3767491.08	6.17476	396758.26	3767491.08	6.25987
396798.26	3767491.08	7.04387	396838.26	3767491.08	7.92416
396878.26	3767491.08	8.85891	396918.26	3767491.08	10.64629
396958.26	3767491.08	13.03079	396998.26	3767491.08	14.62523
397038.26	3767491.08	14.97743	397078.26	3767491.08	15.18779
397118.26	3767491.08	16.14658	397158.26	3767491.08	17.48156

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         397198.26    3767491.08       19.35749                       397238.26
3767491.08       20.19665
         397278.26    3767491.08       19.64161                       397318.26
3767491.08       18.39555
         397358.26    3767491.08       17.24748                       397398.26
3767491.08       15.62972
         397438.26    3767491.08       14.50236                       397478.26
3767491.08       13.19668
         397518.26    3767491.08       11.95332                       397558.26
3767491.08       10.95370
         397598.26    3767491.08       10.17584                       397638.26
3767491.08        9.17780
         397678.26    3767491.08        8.20764                       397718.26
3767491.08        7.51469
         396558.26    3767531.08        4.81437                       396598.26
3767531.08        5.19197
         396638.26    3767531.08        5.63802                       396678.26
3767531.08        6.10141
         396718.26    3767531.08        6.09970                       396758.26
3767531.08        5.73364
         396798.26    3767531.08        6.36388                       396838.26
3767531.08        7.06510
         396878.26    3767531.08        7.79543                       396918.26
3767531.08        9.01165
         396958.26    3767531.08       11.14932                       396998.26
3767531.08       12.67036
         397038.26    3767531.08       13.69316                       397078.26
3767531.08       14.12107
         397118.26    3767531.08       14.51811                       397158.26
3767531.08       15.28095
         397198.26    3767531.08       16.72139                       397238.26
3767531.08       17.45726
         397278.26    3767531.08       17.22657                       397318.26
3767531.08       16.28472
         397358.26    3767531.08       15.27097                       397398.26
3767531.08       14.24645
         397438.26    3767531.08       12.83602                       397478.26
3767531.08       12.15616
         397518.26    3767531.08       11.33901                       397558.26
3767531.08       10.49063
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 104
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002
, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	9.82859	397638.26	3767531.08	9.10761
397678.26	3767531.08	8.28779	397718.26	3767531.08	7.59263
397320.82	3767219.11	65.81679	397330.82	3767209.11	59.35095
397340.82	3767189.11	55.21994	397340.82	3767199.11	52.50090
397340.82	3767209.11	49.34118	397350.82	3767189.11	45.01385
397350.82	3767199.11	43.74042	397360.82	3767189.11	37.85367
397360.82	3767199.11	37.18314	397370.82	3767189.11	32.65157
397380.82	3767189.11	28.59996	396934.73	3767169.52	65.06940
397014.53	3767229.60	104.56753	397044.10	3767223.97	137.37373
397113.57	3767239.93	148.73741	397158.63	3767280.29	121.22688
397168.95	3767307.05	80.39663	397244.05	3767296.72	81.39498
397260.95	3767278.88	86.24191	397409.74	3767205.66	22.04783
397422.89	3767189.23	19.85898	397426.64	3767180.78	19.29801
397420.54	3767170.46	20.03991	397318.68	3767160.13	76.32377
397022.98	3767083.62	81.11910	396920.42	3767167.32	47.41445
396989.95	3767243.54	58.53081	397044.10		

3767223.97   137.37373
         397113.57   3767239.93   148.73741   397158.63
3767280.29   121.22688
         397168.95   3767307.05   80.39663   397244.05
3767296.72   81.39498
         397260.95   3767278.88   86.24191   397409.74
3767205.66   22.04783
         397422.89   3767189.23   19.85898   397426.64
3767180.78   19.29801
         397420.54   3767170.46   20.03991   397318.68
3767160.13   76.32377
         397022.98   3767083.62   81.11910

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   0.08778   396598.26
3766771.08   0.10630
         396638.26   3766771.08   0.12933   396678.26
3766771.08   0.15563
         396718.26   3766771.08   0.18896   396758.26
3766771.08   0.21371
         396798.26   3766771.08   0.22861   396838.26
3766771.08   0.24103
         396878.26   3766771.08   0.24995   396918.26

3766771.08 0.24819
396958.26 3766771.08 0.23471 396998.26
3766771.08 0.21279
397038.26 3766771.08 0.18004 397078.26
3766771.08 0.15001
397118.26 3766771.08 0.11704 397158.26
3766771.08 0.08762
397198.26 3766771.08 0.06862 397238.26
3766771.08 0.06101
397278.26 3766771.08 0.05545 397318.26
3766771.08 0.05453
397358.26 3766771.08 0.05900 397398.26
3766771.08 0.05957
397438.26 3766771.08 0.05454 397478.26
3766771.08 0.05247
397518.26 3766771.08 0.05327 397558.26
3766771.08 0.05166
397598.26 3766771.08 0.05118 397638.26
3766771.08 0.04688
397678.26 3766771.08 0.04503 397718.26
3766771.08 0.04197
396558.26 3766811.08 0.09107 396598.26
3766811.08 0.10505
396638.26 3766811.08 0.13350 396678.26
3766811.08 0.16103
396718.26 3766811.08 0.18956 396758.26
3766811.08 0.21844
396798.26 3766811.08 0.24730 396838.26
3766811.08 0.27192
396878.26 3766811.08 0.28601 396918.26
3766811.08 0.29186
396958.26 3766811.08 0.28113 396998.26
3766811.08 0.25689
397038.26 3766811.08 0.21836 397078.26
3766811.08 0.18146
397118.26 3766811.08 0.14298 397158.26
3766811.08 0.10880
397198.26 3766811.08 0.08370 397238.26
3766811.08 0.07166
397278.26 3766811.08 0.06496 397318.26
3766811.08 0.06664
397358.26 3766811.08 0.07028 397398.26
3766811.08 0.06655
397438.26 3766811.08 0.06214 397478.26
3766811.08 0.06265
397518.26 3766811.08 0.06242 397558.26
3766811.08 0.06093
397598.26 3766811.08 0.05690 397638.26
3766811.08 0.05482
397678.26 3766811.08 0.05267 397718.26

3766811.08   0.04810
         396558.26   3766851.08   0.08967   396598.26
3766851.08   0.10492
         396638.26   3766851.08   0.12626   396678.26
3766851.08   0.15955
         396718.26   3766851.08   0.18602   396758.26
3766851.08   0.22168
         396798.26   3766851.08   0.26284   396838.26
3766851.08   0.29609
         396878.26   3766851.08   0.32449   396918.26
3766851.08   0.33556
         396958.26   3766851.08   0.33678   396998.26
3766851.08   0.31382
         397038.26   3766851.08   0.27154   397078.26
3766851.08   0.22224
         397118.26   3766851.08   0.17738   397158.26
3766851.08   0.13529
         397198.26   3766851.08   0.10261   397238.26
3766851.08   0.08842
         397278.26   3766851.08   0.08010   397318.26
3766851.08   0.08129

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.08001   397398.26

3766851.08 0.07400
397438.26 3766851.08 0.07488 397478.26
3766851.08 0.07397
397518.26 3766851.08 0.07347 397558.26
3766851.08 0.07109
397598.26 3766851.08 0.06671 397638.26
3766851.08 0.06382
397678.26 3766851.08 0.05781 397718.26
3766851.08 0.05191
396558.26 3766891.08 0.08978 396598.26
3766891.08 0.10520
396638.26 3766891.08 0.12503 396678.26
3766891.08 0.15373
396718.26 3766891.08 0.18851 396758.26
3766891.08 0.22350
396798.26 3766891.08 0.26849 396838.26
3766891.08 0.31938
396878.26 3766891.08 0.35825 396918.26
3766891.08 0.38376
396958.26 3766891.08 0.39524 396998.26
3766891.08 0.37391
397038.26 3766891.08 0.33608 397078.26
3766891.08 0.28362
397118.26 3766891.08 0.22205 397158.26
3766891.08 0.16409
397198.26 3766891.08 0.12371 397238.26
3766891.08 0.10724
397278.26 3766891.08 0.10078 397318.26
3766891.08 0.10001
397358.26 3766891.08 0.09153 397398.26
3766891.08 0.08943
397438.26 3766891.08 0.09214 397478.26
3766891.08 0.09035
397518.26 3766891.08 0.08619 397558.26
3766891.08 0.08248
397598.26 3766891.08 0.07558 397638.26
3766891.08 0.06974
397678.26 3766891.08 0.06213 397718.26
3766891.08 0.05523
396558.26 3766931.08 0.09232 396598.26
3766931.08 0.10744
396638.26 3766931.08 0.12583 396678.26
3766931.08 0.15042
396718.26 3766931.08 0.18619 396758.26
3766931.08 0.22286
396798.26 3766931.08 0.26964 396838.26
3766931.08 0.32690
396878.26 3766931.08 0.38444 396918.26
3766931.08 0.42543
396958.26 3766931.08 0.45558 396998.26

```
3766931.08        0.45943
         397038.26    3766931.08        0.42735                      397078.26
3766931.08        0.36290
         397118.26    3766931.08        0.29177                      397158.26
3766931.08        0.21643
         397198.26    3766931.08        0.15801                      397238.26
3766931.08        0.13922
         397278.26    3766931.08        0.12139                      397318.26
3766931.08        0.11764
         397358.26    3766931.08        0.11633                      397398.26
3766931.08        0.11465
         397438.26    3766931.08        0.11009                      397478.26
3766931.08        0.10438
         397518.26    3766931.08        0.09852                      397558.26
3766931.08        0.09016
         397598.26    3766931.08        0.08117                      397638.26
3766931.08        0.07425
         397678.26    3766931.08        0.06450                      397718.26
3766931.08        0.06044
         396558.26    3766971.08        0.08683                      396598.26
3766971.08        0.10495
         396638.26    3766971.08        0.12478                      396678.26
3766971.08        0.15057
         396718.26    3766971.08        0.18175                      396758.26
3766971.08        0.21794
         396798.26    3766971.08        0.26517                      396838.26
3766971.08        0.32668
         396878.26    3766971.08        0.39843                      396918.26
3766971.08        0.47071
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 107
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.52110	396998.26	3766971.08	0.56295
397038.26	3766971.08	0.54885	397078.26	3766971.08	0.49177
397118.26	3766971.08	0.45709	397158.26	3766971.08	0.40215
397198.26	3766971.08	0.25429	397238.26	3766971.08	0.19376
397278.26	3766971.08	0.15851	397318.26	3766971.08	0.14593
397358.26	3766971.08	0.14056	397398.26	3766971.08	0.13839
397438.26	3766971.08	0.13103	397478.26	3766971.08	0.11901
397518.26	3766971.08	0.10852	397558.26	3766971.08	0.09985
397598.26	3766971.08	0.08993	397638.26	3766971.08	0.08156
397678.26	3766971.08	0.07257	397718.26	3766971.08	0.06589
396558.26	3767011.08	0.08094	396598.26	3767011.08	0.09698
396638.26	3767011.08	0.11587	396678.26	3767011.08	0.14418
396718.26	3767011.08	0.17521	396758.26	3767011.08	0.21478
396798.26	3767011.08	0.25740	396838.26	3767011.08	0.31507
396878.26	3767011.08	0.40027	396918.26	3767011.08	0.49199
396958.26	3767011.08	0.58068	396998.26	3767011.08	0.65842
397038.26	3767011.08	0.71823	397078.26	3767011.08	0.88768
397118.26	3767011.08	0.85384	397158.26	3767011.08	0.61460
397198.26	3767011.08	0.42851	397238.26	3767011.08	0.29922
397278.26	3767011.08	0.22997	397318.26	3767011.08	0.18396
397358.26	3767011.08	0.16986	397398.26	3767011.08	0.15560
397438.26	3767011.08	0.14705	397478.26		

3767011.08   0.13844
         397518.26   3767011.08   0.12234   397558.26
3767011.08   0.11120
         397598.26   3767011.08   0.09935   397638.26
3767011.08   0.08854
         397678.26   3767011.08   0.07874   397718.26
3767011.08   0.06906
         396558.26   3767051.08   0.07359   396598.26
3767051.08   0.08790
         396638.26   3767051.08   0.10563   396678.26
3767051.08   0.12987
         396718.26   3767051.08   0.16091   396758.26
3767051.08   0.19748
         396798.26   3767051.08   0.24686   396838.26
3767051.08   0.30608
         396878.26   3767051.08   0.37857   396918.26
3767051.08   0.50314
         396958.26   3767051.08   0.63945   396998.26
3767051.08   0.89740
         397038.26   3767051.08   1.23413   397078.26
3767051.08   1.08854
         397118.26   3767051.08   1.00657   397158.26
3767051.08   0.74763
         397198.26   3767051.08   0.55918   397238.26
3767051.08   0.43943
         397278.26   3767051.08   0.34839   397318.26
3767051.08   0.26052
         397358.26   3767051.08   0.19999   397398.26
3767051.08   0.18595
         397438.26   3767051.08   0.16692   397478.26
3767051.08   0.15259
         397518.26   3767051.08   0.13738   397558.26
3767051.08   0.12298
         397598.26   3767051.08   0.10863   397638.26
3767051.08   0.09344
         397678.26   3767051.08   0.07986   397718.26
3767051.08   0.06971

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                EG06   , EG07   , EG08   , EG09   , EG10

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 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.07008                      396598.26
3767091.08        0.08197
         396638.26    3767091.08        0.09402                      396678.26
3767091.08        0.11229
         396718.26    3767091.08        0.13665                      396758.26
3767091.08        0.17029
         396798.26    3767091.08        0.21995                      396838.26
3767091.08        0.27629
         396878.26    3767091.08        0.35767                      396918.26
3767091.08        0.46513
         396958.26    3767091.08        0.69891                      396998.26
3767091.08        1.38486
         397078.26    3767091.08        1.18330                      397118.26
3767091.08        1.10592
         397158.26    3767091.08        0.90715                      397198.26
3767091.08        0.69371
         397238.26    3767091.08        0.55061                      397278.26
3767091.08        0.48134
         397318.26    3767091.08        0.40017                      397358.26
3767091.08        0.26131
         397398.26    3767091.08        0.22245                      397438.26
3767091.08        0.19269
         397478.26    3767091.08        0.16931                      397518.26
3767091.08        0.14953
         397558.26    3767091.08        0.12991                      397598.26
3767091.08        0.10918
         397638.26    3767091.08        0.09833                      397678.26
3767091.08        0.08797
         397718.26    3767091.08        0.07719                      396558.26
3767131.08        0.06596
         396598.26    3767131.08        0.07667                      396638.26
3767131.08        0.08829
         396678.26    3767131.08        0.10195                      396718.26
3767131.08        0.12134
         396758.26    3767131.08        0.14727                      396798.26
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3767131.08        0.18087
         396838.26    3767131.08        0.22715                     396878.26
3767131.08        0.29997
         396918.26    3767131.08        0.40483                     396958.26
3767131.08        0.65756
         397238.26    3767131.08        0.70802                     397278.26
3767131.08        0.56327
         397318.26    3767131.08        0.56767                     397358.26
3767131.08        0.36029
         397398.26    3767131.08        0.26233                     397438.26
3767131.08        0.21703
         397478.26    3767131.08        0.18157                     397518.26
3767131.08        0.15549
         397558.26    3767131.08        0.13595                     397598.26
3767131.08        0.11815
         397638.26    3767131.08        0.10476                     397678.26
3767131.08        0.09128
         397718.26    3767131.08        0.08022                     396558.26
3767171.08        0.06515
         396598.26    3767171.08        0.07445                     396638.26
3767171.08        0.08545
         396678.26    3767171.08        0.09604                     396718.26
3767171.08        0.11133
         396758.26    3767171.08        0.13076                     396798.26
3767171.08        0.15850
         396838.26    3767171.08        0.19716                     396878.26
3767171.08        0.24986
         396918.26    3767171.08        0.32898                     397438.26
3767171.08        0.24093
         397478.26    3767171.08        0.20267                     397518.26
3767171.08        0.17195
         397558.26    3767171.08        0.14735                     397598.26
3767171.08        0.12856
         397638.26    3767171.08        0.11178                     397678.26
3767171.08        0.09764
         397718.26    3767171.08        0.08538                     396558.26
3767211.08        0.06472
         396598.26    3767211.08        0.07375                     396638.26
3767211.08        0.08415
         396678.26    3767211.08        0.09717                     396718.26
3767211.08        0.10872
         396758.26    3767211.08        0.12484                     396798.26
3767211.08        0.14928
         396838.26    3767211.08        0.18435                     396878.26
3767211.08        0.22872
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.28558	396958.26	3767211.08	0.34873
397438.26	3767211.08	0.28519	397478.26	3767211.08	0.23662
397518.26	3767211.08	0.20162	397558.26	3767211.08	0.17196
397598.26	3767211.08	0.14756	397638.26	3767211.08	0.12750
397678.26	3767211.08	0.10874	397718.26	3767211.08	0.09310
396558.26	3767251.08	0.06428	396598.26	3767251.08	0.07274
396638.26	3767251.08	0.08259	396678.26	3767251.08	0.09444
396718.26	3767251.08	0.10336	396758.26	3767251.08	0.11600
396798.26	3767251.08	0.13660	396838.26	3767251.08	0.16369
396878.26	3767251.08	0.20574	396918.26	3767251.08	0.24255
396958.26	3767251.08	0.28386	396998.26	3767251.08	0.37859
397038.26	3767251.08	0.38956	397078.26	3767251.08	0.53147
397118.26	3767251.08	1.15714	397318.26	3767251.08	0.83422
397358.26	3767251.08	0.58179	397398.26		

3767251.08 0.44692
397438.26 3767251.08 0.35545 397478.26 3767251.08 0.28666
397518.26 3767251.08 0.23872 397558.26 3767251.08 0.19796
397598.26 3767251.08 0.16878 397638.26 3767251.08 0.14324
397678.26 3767251.08 0.12250 397718.26 3767251.08 0.10512
396558.26 3767291.08 0.06134 396598.26 3767291.08 0.06928
396638.26 3767291.08 0.07960 396678.26 3767291.08 0.09207
396718.26 3767291.08 0.10704 396758.26 3767291.08 0.11594
396798.26 3767291.08 0.13111 396838.26 3767291.08 0.15511
396878.26 3767291.08 0.19732 396918.26 3767291.08 0.22879
396958.26 3767291.08 0.26272 396998.26 3767291.08 0.32082
397038.26 3767291.08 0.52922 397078.26 3767291.08 0.79619
397118.26 3767291.08 0.79538 397158.26 3767291.08 1.22824
397278.26 3767291.08 1.14245 397318.26 3767291.08 1.02910
397358.26 3767291.08 0.67491 397398.26 3767291.08 0.52512
397438.26 3767291.08 0.40924 397478.26 3767291.08 0.32645
397518.26 3767291.08 0.26482 397558.26 3767291.08 0.22097
397598.26 3767291.08 0.18591 397638.26 3767291.08 0.15695
397678.26 3767291.08 0.13070 397718.26 3767291.08 0.11130
396558.26 3767331.08 0.05972 396598.26 3767331.08 0.06790
396638.26 3767331.08 0.07769 396678.26 3767331.08 0.08857
396718.26 3767331.08 0.10340 396758.26 3767331.08 0.11566
396798.26 3767331.08 0.13106 396838.26 3767331.08 0.15249
396878.26 3767331.08 0.18043 396918.26 3767331.08 0.19243
396958.26 3767331.08 0.22687 396998.26 3767331.08 0.28598
397038.26 3767331.08 0.42084 397078.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   1.22142   397238.26
3767331.08   1.25278
         397278.26   3767331.08   1.13885   397318.26
3767331.08   0.86904
         397358.26   3767331.08   0.72261   397398.26
3767331.08   0.58328
         397438.26   3767331.08   0.45832   397478.26
3767331.08   0.36585
         397518.26   3767331.08   0.30230   397558.26
3767331.08   0.25113
         397598.26   3767331.08   0.20590   397638.26
3767331.08   0.17018
         397678.26   3767331.08   0.14324   397718.26
3767331.08   0.12110
         396558.26   3767371.08   0.05917   396598.26
3767371.08   0.06831
         396638.26   3767371.08   0.07807   396678.26
3767371.08   0.08833
         396718.26   3767371.08   0.10018   396758.26

3767371.08 0.11188
396798.26 3767371.08 0.12246 396838.26
3767371.08 0.13787
396878.26 3767371.08 0.16035 396918.26
3767371.08 0.18449
396958.26 3767371.08 0.20916 396998.26
3767371.08 0.26728
397038.26 3767371.08 0.36802 397078.26
3767371.08 0.52155
397118.26 3767371.08 0.71726 397158.26
3767371.08 0.88976
397198.26 3767371.08 0.93276 397238.26
3767371.08 0.89634
397278.26 3767371.08 0.83422 397318.26
3767371.08 0.75832
397358.26 3767371.08 0.66673 397398.26
3767371.08 0.57917
397438.26 3767371.08 0.47350 397478.26
3767371.08 0.39115
397518.26 3767371.08 0.31982 397558.26
3767371.08 0.26358
397598.26 3767371.08 0.22414 397638.26
3767371.08 0.19102
397678.26 3767371.08 0.15804 397718.26
3767371.08 0.13215
396558.26 3767411.08 0.05847 396598.26
3767411.08 0.06539
396638.26 3767411.08 0.07297 396678.26
3767411.08 0.08524
396718.26 3767411.08 0.09551 396758.26
3767411.08 0.10542
396798.26 3767411.08 0.11350 396838.26
3767411.08 0.12829
396878.26 3767411.08 0.14706 396918.26
3767411.08 0.16415
396958.26 3767411.08 0.20130 396998.26
3767411.08 0.24602
397038.26 3767411.08 0.33364 397078.26
3767411.08 0.43980
397118.26 3767411.08 0.56899 397158.26
3767411.08 0.67389
397198.26 3767411.08 0.74981 397238.26
3767411.08 0.76270
397278.26 3767411.08 0.71170 397318.26
3767411.08 0.64912
397358.26 3767411.08 0.57959 397398.26
3767411.08 0.52298
397438.26 3767411.08 0.46065 397478.26
3767411.08 0.39217
397518.26 3767411.08 0.32864 397558.26

3767411.08   0.27882
         397598.26   3767411.08   0.23281   397638.26
3767411.08   0.19578
         397678.26   3767411.08   0.16622   397718.26
3767411.08   0.14065
         396558.26   3767451.08   0.05686   396598.26
3767451.08   0.06419
         396638.26   3767451.08   0.07154   396678.26
3767451.08   0.07924
         396718.26   3767451.08   0.08761   396758.26
3767451.08   0.09588

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   0.10505   396838.26
3767451.08   0.11563
         396878.26   3767451.08   0.13656   396918.26
3767451.08   0.15719
         396958.26   3767451.08   0.18324   396998.26
3767451.08   0.22714
         397038.26   3767451.08   0.29684   397078.26
3767451.08   0.37943
         397118.26   3767451.08   0.47571   397158.26
3767451.08   0.55078
         397198.26   3767451.08   0.62690   397238.26

3767451.08 0.65363
397278.26 3767451.08 0.61504 397318.26
3767451.08 0.55702
397358.26 3767451.08 0.50500 397398.26
3767451.08 0.45902
397438.26 3767451.08 0.41646 397478.26
3767451.08 0.37604
397518.26 3767451.08 0.32525 397558.26
3767451.08 0.27794
397598.26 3767451.08 0.23861 397638.26
3767451.08 0.20256
397678.26 3767451.08 0.17151 397718.26
3767451.08 0.14626
396558.26 3767491.08 0.05316 396598.26
3767491.08 0.05818
396638.26 3767491.08 0.06434 396678.26
3767491.08 0.07086
396718.26 3767491.08 0.07645 396758.26
3767491.08 0.08577
396798.26 3767491.08 0.09603 396838.26
3767491.08 0.11145
396878.26 3767491.08 0.12776 396918.26
3767491.08 0.14607
396958.26 3767491.08 0.16992 396998.26
3767491.08 0.21426
397038.26 3767491.08 0.26173 397078.26
3767491.08 0.32736
397118.26 3767491.08 0.40229 397158.26
3767491.08 0.46556
397198.26 3767491.08 0.52424 397238.26
3767491.08 0.55844
397278.26 3767491.08 0.53832 397318.26
3767491.08 0.49633
397358.26 3767491.08 0.44301 397398.26
3767491.08 0.40620
397438.26 3767491.08 0.37451 397478.26
3767491.08 0.34003
397518.26 3767491.08 0.30971 397558.26
3767491.08 0.26695
397598.26 3767491.08 0.23405 397638.26
3767491.08 0.20219
397678.26 3767491.08 0.17185 397718.26
3767491.08 0.14839
396558.26 3767531.08 0.04825 396598.26
3767531.08 0.05394
396638.26 3767531.08 0.05946 396678.26
3767531.08 0.06467
396718.26 3767531.08 0.07288 396758.26
3767531.08 0.08314
396798.26 3767531.08 0.09041 396838.26

```
3767531.08        0.10672
         396878.26    3767531.08        0.11917                        396918.26
3767531.08        0.13714
         396958.26    3767531.08        0.16403                        396998.26
3767531.08        0.20110
         397038.26    3767531.08        0.23709                        397078.26
3767531.08        0.28890
         397118.26    3767531.08        0.34765                        397158.26
3767531.08        0.39448
         397198.26    3767531.08        0.44505                        397238.26
3767531.08        0.48070
         397278.26    3767531.08        0.48120                        397318.26
3767531.08        0.44176
         397358.26    3767531.08        0.39827                        397398.26
3767531.08        0.36035
         397438.26    3767531.08        0.32857                        397478.26
3767531.08        0.30768
         397518.26    3767531.08        0.27658                        397558.26
3767531.08        0.25484
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 112
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        0.22162                        397638.26
3767531.08        0.19662
         397678.26    3767531.08        0.17153                        397718.26
```

3767531.08   0.14824
         397320.82   3767219.11   0.97226   397330.82
3767209.11   0.92638
         397340.82   3767189.11   0.79908   397340.82
3767199.11   0.85545
         397340.82   3767209.11   0.88106   397350.82
3767189.11   0.74177
         397350.82   3767199.11   0.76300   397360.82
3767189.11   0.57488
         397360.82   3767199.11   0.58176   397370.82
3767189.11   0.44828
         397380.82   3767189.11   0.36708   396934.73
3767169.52   0.36154
         397014.53   3767229.60   0.50633   397044.10
3767223.97   0.57000
         397113.57   3767239.93   1.25149   397158.63
3767280.29   1.44440
         397168.95   3767307.05   1.03003   397244.05
3767296.72   1.11495
         397260.95   3767278.88   1.06233   397409.74
3767205.66   0.32356
         397422.89   3767189.23   0.28356   397426.64
3767180.78   0.26763
         397420.54   3767170.46   0.26258   397318.68
3767160.13   0.63646
         397022.98   3767083.62   1.32922   396920.42
3767167.32   0.33637
         396989.95   3767243.54   0.36931   397044.10
3767223.97   0.57000
         397113.57   3767239.93   1.25149   397158.63
3767280.29   1.44440
         397168.95   3767307.05   1.03003   397244.05
3767296.72   1.11495
         397260.95   3767278.88   1.06233   397409.74
3767205.66   0.32356
         397422.89   3767189.23   0.28356   397426.64
3767180.78   0.26763
         397420.54   3767170.46   0.26258   397318.68
3767160.13   0.63646
         397022.98   3767083.62   1.32922

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED

OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	2.67630	396598.26	3766771.08	2.91925
396638.26	3766771.08	3.21698	396678.26	3766771.08	3.51068
396718.26	3766771.08	3.83250	396758.26	3766771.08	4.15229
396798.26	3766771.08	4.46127	396838.26	3766771.08	4.79527
396878.26	3766771.08	5.12995	396918.26	3766771.08	5.44300
396958.26	3766771.08	5.73489	396998.26	3766771.08	5.98761
397038.26	3766771.08	6.17954	397078.26	3766771.08	6.27946
397118.26	3766771.08	6.29678	397158.26	3766771.08	6.22325
397198.26	3766771.08	6.09450	397238.26	3766771.08	5.91127
397278.26	3766771.08	5.67881	397318.26	3766771.08	5.40851
397358.26	3766771.08	5.10983	397398.26	3766771.08	4.79702
397438.26	3766771.08	4.47786	397478.26	3766771.08	4.16481
397518.26	3766771.08	3.86314	397558.26	3766771.08	3.57693
397598.26	3766771.08	3.30954	397638.26	3766771.08	3.06220
397678.26	3766771.08	2.83530	397718.26	3766771.08	2.62703

396558.26 3766811.08 2.83846 396598.26
3766811.08 3.09775
396638.26 3766811.08 3.44581 396678.26
3766811.08 3.80017
396718.26 3766811.08 4.16701 396758.26
3766811.08 4.55186
396798.26 3766811.08 4.97228 396838.26
3766811.08 5.41538
396878.26 3766811.08 5.85835 396918.26
3766811.08 6.28995
396958.26 3766811.08 6.68869 396998.26
3766811.08 7.03363
397038.26 3766811.08 7.30069 397078.26
3766811.08 7.44324
397118.26 3766811.08 7.49071 397158.26
3766811.08 7.41916
397198.26 3766811.08 7.21841 397238.26
3766811.08 6.93106
397278.26 3766811.08 6.59069 397318.26
3766811.08 6.22105
397358.26 3766811.08 5.82400 397398.26
3766811.08 5.41456
397438.26 3766811.08 5.00598 397478.26
3766811.08 4.61273
397518.26 3766811.08 4.23959 397558.26
3766811.08 3.89255
397598.26 3766811.08 3.57517 397638.26
3766811.08 3.28589
397678.26 3766811.08 3.02366 397718.26
3766811.08 2.78612
396558.26 3766851.08 3.01444 396598.26
3766851.08 3.29769
396638.26 3766851.08 3.64704 396678.26
3766851.08 4.07066
396718.26 3766851.08 4.51109 396758.26
3766851.08 5.00442
396798.26 3766851.08 5.55385 396838.26
3766851.08 6.13682
396878.26 3766851.08 6.75589 396918.26
3766851.08 7.34116
396958.26 3766851.08 7.89467 396998.26
3766851.08 8.39556
397038.26 3766851.08 8.76914 397078.26
3766851.08 8.99704
397118.26 3766851.08 9.06399 397158.26
3766851.08 8.96260
397198.26 3766851.08 8.68943 397238.26
3766851.08 8.29550
397278.26 3766851.08 7.80360 397318.26
3766851.08 7.24416

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	6.69627	397398.26	3766851.08	6.15114
397438.26	3766851.08	5.62282	397478.26	3766851.08	5.12474
397518.26	3766851.08	4.66356	397558.26	3766851.08	4.24267
397598.26	3766851.08	3.86294	397638.26	3766851.08	3.52282
397678.26	3766851.08	3.21926	397718.26	3766851.08	2.94811
396558.26	3766891.08	3.17742	396598.26	3766891.08	3.50168
396638.26	3766891.08	3.90075	396678.26	3766891.08	4.38901
396718.26	3766891.08	4.91513	396758.26	3766891.08	5.51499
396798.26	3766891.08	6.21867	396838.26	3766891.08	6.99460
396878.26	3766891.08	7.84365	396918.26	3766891.08	8.67071
396958.26	3766891.08	9.47981	396998.26		

3766891.08 10.20668
397038.26 3766891.08 10.76508 397078.26
3766891.08 11.15209
397118.26 3766891.08 11.22545 397158.26
3766891.08 11.01792
397198.26 3766891.08 10.65402 397238.26
3766891.08 10.06800
397278.26 3766891.08 9.37311 397318.26
3766891.08 8.61165
397358.26 3766891.08 7.81049 397398.26
3766891.08 7.04349
397438.26 3766891.08 6.34885 397478.26
3766891.08 5.71147
397518.26 3766891.08 5.13606 397558.26
3766891.08 4.62022
397598.26 3766891.08 4.16541 397638.26
3766891.08 3.76612
397678.26 3766891.08 3.41606 397718.26
3766891.08 3.10925
396558.26 3766931.08 3.34601 396598.26
3766931.08 3.70939
396638.26 3766931.08 4.17348 396678.26
3766931.08 4.71017
396718.26 3766931.08 5.35499 396758.26
3766931.08 6.10105
396798.26 3766931.08 6.96942 396838.26
3766931.08 7.99928
396878.26 3766931.08 9.16162 396918.26
3766931.08 10.39598
396958.26 3766931.08 11.60708 396998.26
3766931.08 12.73203
397038.26 3766931.08 13.67218 397078.26
3766931.08 14.23006
397118.26 3766931.08 14.32938 397158.26
3766931.08 14.00324
397198.26 3766931.08 13.36748 397238.26
3766931.08 12.48286
397278.26 3766931.08 11.42971 397318.26
3766931.08 10.33356
397358.26 3766931.08 9.26437 397398.26
3766931.08 8.19404
397438.26 3766931.08 7.21640 397478.26
3766931.08 6.37660
397518.26 3766931.08 5.65373 397558.26
3766931.08 5.02125
397598.26 3766931.08 4.47906 397638.26
3766931.08 4.01369
397678.26 3766931.08 3.61319 397718.26
3766931.08 3.27094
396558.26 3766971.08 3.50905 396598.26

3766971.08   3.91454
         396638.26   3766971.08   4.42124   396678.26
3766971.08   5.03146
         396718.26   3766971.08   5.80069   396758.26
3766971.08   6.71600
         396798.26   3766971.08   7.83290   396838.26
3766971.08   9.19279
         396878.26   3766971.08   10.81053   396918.26
3766971.08   12.70111

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   14.64831   396998.26
3766971.08   16.55450
         397038.26   3766971.08   18.12277   397078.26
3766971.08   18.93411
         397118.26   3766971.08   18.97851   397158.26
3766971.08   18.34781
         397198.26   3766971.08   17.24524   397238.26
3766971.08   15.83188
         397278.26   3766971.08   14.24771   397318.26
3766971.08   12.62587
         397358.26   3766971.08   10.73990   397398.26
3766971.08   9.43351

```
         397438.26    3766971.08        8.25363                    397478.26
3766971.08        7.13703
         397518.26    3766971.08        6.21338                    397558.26
3766971.08        5.44349
         397598.26    3766971.08        4.80318                    397638.26
3766971.08        4.26800
         397678.26    3766971.08        3.81682                    397718.26
3766971.08        3.43485
         396558.26    3767011.08        3.65896                    396598.26
3767011.08        4.09945
         396638.26    3767011.08        4.66045                    396678.26
3767011.08        5.35690
         396718.26    3767011.08        6.22196                    396758.26
3767011.08        7.34068
         396798.26    3767011.08        8.76672                    396838.26
3767011.08       10.60388
         396878.26    3767011.08       12.93589                    396918.26
3767011.08       15.84845
         396958.26    3767011.08       19.17368                    396998.26
3767011.08       22.74069
         397038.26    3767011.08       25.58169                    397078.26
3767011.08       26.84374
         397118.26    3767011.08       26.56499                    397158.26
3767011.08       25.17498
         397198.26    3767011.08       23.15436                    397238.26
3767011.08       20.76895
         397278.26    3767011.08       18.25330                    397318.26
3767011.08       15.72401
         397358.26    3767011.08       12.90117                    397398.26
3767011.08       10.75891
         397438.26    3767011.08        9.31648                    397478.26
3767011.08        7.97336
         397518.26    3767011.08        6.81675                    397558.26
3767011.08        5.89555
         397598.26    3767011.08        5.14031                    397638.26
3767011.08        4.52087
         397678.26    3767011.08        4.00626                    397718.26
3767011.08        3.58228
         396558.26    3767051.08        3.78433                    396598.26
3767051.08        4.27257
         396638.26    3767051.08        4.86923                    396678.26
3767051.08        5.64942
         396718.26    3767051.08        6.64012                    396758.26
3767051.08        7.94144
         396798.26    3767051.08        9.70489                    396838.26
3767051.08       12.13715
         396878.26    3767051.08       15.55869                    396918.26
3767051.08       20.44924
         396958.26    3767051.08       26.83441                    396998.26
3767051.08       34.65970
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         397038.26    3767051.08       40.90562                      397078.26
3767051.08       42.24490
         397118.26    3767051.08       40.32939                      397158.26
3767051.08       36.88675
         397198.26    3767051.08       32.87733                      397238.26
3767051.08       28.64655
         397278.26    3767051.08       24.40142                      397318.26
3767051.08       20.16714
         397358.26    3767051.08       16.08736                      397398.26
3767051.08       12.67486
         397438.26    3767051.08       10.55132                      397478.26
3767051.08        8.87731
         397518.26    3767051.08        7.44941                      397558.26
3767051.08        6.33324
         397598.26    3767051.08        5.45038                      397638.26
3767051.08        4.74667
         397678.26    3767051.08        4.17858                      397718.26
3767051.08        3.71576
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14

                                  PAGE 116
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        3.89340                      396598.26
3767091.08        4.42588
         396638.26    3767091.08        5.05378                      396678.26
```

3767091.08 5.87220
396718.26 3767091.08 6.99186 396758.26
3767091.08 8.48202
396798.26 3767091.08 10.56776 396838.26
3767091.08 13.65450
396878.26 3767091.08 18.48984 396918.26
3767091.08 26.62601
396958.26 3767091.08 40.66337 396998.26
3767091.08 68.38941
397078.26 3767091.08 82.27146 397118.26
3767091.08 71.40337
397158.26 3767091.08 60.92807 397198.26
3767091.08 51.41890
397238.26 3767091.08 42.87201 397278.26
3767091.08 35.07133
397318.26 3767091.08 27.32511 397358.26
3767091.08 20.34049
397398.26 3767091.08 15.17118 397438.26
3767091.08 11.87079
397478.26 3767091.08 9.42105 397518.26
3767091.08 7.82704
397558.26 3767091.08 6.55294 397598.26
3767091.08 5.69731
397638.26 3767091.08 4.96342 397678.26
3767091.08 4.33902
397718.26 3767091.08 3.82989 396558.26
3767131.08 3.96355
396598.26 3767131.08 4.51456 396638.26
3767131.08 5.19912
396678.26 3767131.08 6.03835 396718.26
3767131.08 7.19496
396758.26 3767131.08 8.82671 396798.26
3767131.08 11.17394
396838.26 3767131.08 14.81310 396878.26
3767131.08 21.20198
396918.26 3767131.08 34.34226 396958.26
3767131.08 72.06396
397238.26 3767131.08 78.22239 397278.26
3767131.08 60.41723
397318.26 3767131.08 41.96743 397358.26
3767131.08 26.38742
397398.26 3767131.08 17.77814 397438.26
3767131.08 13.17534
397478.26 3767131.08 10.04190 397518.26
3767131.08 8.19901
397558.26 3767131.08 6.84169 397598.26
3767131.08 5.86506
397638.26 3767131.08 5.11583 397678.26
3767131.08 4.44342
397718.26 3767131.08 3.90663 396558.26

3767171.08   4.01309
         396598.26   3767171.08   4.57121   396638.26
3767171.08   5.27246
         396678.26   3767171.08   6.13616   396718.26
3767171.08   7.26785
         396758.26   3767171.08   8.91823   396798.26
3767171.08   11.38942
         396838.26   3767171.08   15.32751   396878.26
3767171.08   22.47092
         396918.26   3767171.08   39.73705   397438.26
3767171.08   14.08735
         397478.26   3767171.08   10.80313   397518.26
3767171.08   8.77097
         397558.26   3767171.08   7.23959   397598.26
3767171.08   6.12052
         397638.26   3767171.08   5.22593   397678.26
3767171.08   4.52988
         397718.26   3767171.08   3.97675   396558.26
3767211.08   4.01354
         396598.26   3767211.08   4.57340   396638.26
3767211.08   5.27020
         396678.26   3767211.08   6.16349   396718.26
3767211.08   7.27911
         396758.26   3767211.08   8.84550   396798.26
3767211.08   11.18747
         396838.26   3767211.08   14.86763   396878.26
3767211.08   20.98917

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	32.99364	396958.26	3767211.08	57.94082
397438.26	3767211.08	13.98086	397478.26	3767211.08	11.00513
397518.26	3767211.08	8.93090	397558.26	3767211.08	7.32652
397598.26	3767211.08	6.21238	397638.26	3767211.08	5.31073
397678.26	3767211.08	4.60639	397718.26	3767211.08	4.01807
396558.26	3767251.08	3.98025	396598.26	3767251.08	4.53206
396638.26	3767251.08	5.21571	396678.26	3767251.08	6.08277
396718.26	3767251.08	7.16432	396758.26	3767251.08	8.55028
396798.26	3767251.08	10.59841	396838.26	3767251.08	13.61570
396878.26	3767251.08	18.39631	396918.26	3767251.08	24.78561
396958.26	3767251.08	34.18397	396998.26	3767251.08	46.67066
397038.26	3767251.08	57.92220	397078.26	3767251.08	77.68024
397118.26	3767251.08	124.51725	397318.26	3767251.08	46.66639
397358.26	3767251.08	28.99439	397398.26	3767251.08	18.35805
397438.26	3767251.08	13.58846	397478.26	3767251.08	11.18943
397518.26	3767251.08	9.25391	397558.26	3767251.08	7.57158
397598.26	3767251.08	6.40411	397638.26	3767251.08	5.39496
397678.26	3767251.08	4.62472	397718.26	3767251.08	4.04387
396558.26	3767291.08	3.95454	396598.26	3767291.08	4.37074
396638.26	3767291.08	4.94525	396678.26	3767291.08	5.75599
396718.26	3767291.08	6.88877	396758.26	3767291.08	8.10543
396798.26	3767291.08	9.79933	396838.26	3767291.08	12.23535

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         396878.26    3767291.08       15.44730                      396918.26
3767291.08       19.35217
         396958.26    3767291.08       24.66140                      396998.26
3767291.08       28.23215
         397038.26    3767291.08       29.63536                      397078.26
3767291.08       36.12374
         397118.26    3767291.08       52.73651                      397158.26
3767291.08       96.29450
         397278.26    3767291.08       53.32861                      397318.26
3767291.08       36.87445
         397358.26    3767291.08       25.57475                      397398.26
3767291.08       17.20619
         397438.26    3767291.08       13.43376                      397478.26
3767291.08       11.25353
         397518.26    3767291.08        9.38365                      397558.26
3767291.08        7.60889
         397598.26    3767291.08        6.55939                      397638.26
3767291.08        5.82397
         397678.26    3767291.08        4.80336                      397718.26
3767291.08        4.16008
         396558.26    3767331.08        3.91697                      396598.26
3767331.08        4.38470
         396638.26    3767331.08        4.81790                      396678.26
3767331.08        5.47888
         396718.26    3767331.08        6.37148                      396758.26
3767331.08        7.55977
         396798.26    3767331.08        8.96250                      396838.26
3767331.08       10.89627
         396878.26    3767331.08       13.32918                      396918.26
3767331.08       16.04683
         396958.26    3767331.08       19.40678                      396998.26
3767331.08       22.90555
         397038.26    3767331.08       23.73250                      397078.26
3767331.08       26.52178
         397118.26    3767331.08       32.36976                      397158.26
3767331.08       42.25145
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 118
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08       48.10711                     397238.26
3767331.08       45.76787
         397278.26    3767331.08       38.54011                     397318.26
3767331.08       30.38007
         397358.26    3767331.08       22.62432                     397398.26
3767331.08       16.86551
         397438.26    3767331.08       13.61529                     397478.26
3767331.08       11.31703
         397518.26    3767331.08        9.45388                     397558.26
3767331.08        7.93542
         397598.26    3767331.08        6.72504                     397638.26
3767331.08        6.11616
         397678.26    3767331.08        5.32999                     397718.26
3767331.08        4.39207
         396558.26    3767371.08        3.78445                     396598.26
3767371.08        4.15345
         396638.26    3767371.08        4.58687                     396678.26
3767371.08        5.18686
         396718.26    3767371.08        5.99950                     396758.26
3767371.08        6.97952
         396798.26    3767371.08        8.14159                     396838.26
3767371.08        9.63826
         396878.26    3767371.08       11.50865                     396918.26
3767371.08       13.69557
         396958.26    3767371.08       16.23804                     396998.26
3767371.08       18.80815
         397038.26    3767371.08       19.37560                     397078.26
3767371.08       20.31227
         397118.26    3767371.08       24.06342                     397158.26
3767371.08       26.87517
         397198.26    3767371.08       30.56686                     397238.26
3767371.08       31.72789
         397278.26    3767371.08       29.37647                     397318.26
3767371.08       25.04269
         397358.26    3767371.08       20.53722                     397398.26
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3767371.08       15.88075
         397438.26    3767371.08       13.56572                       397478.26
3767371.08       11.53793
         397518.26    3767371.08        9.80845                       397558.26
3767371.08        8.45450
         397598.26    3767371.08        7.34280                       397638.26
3767371.08        6.34243
         397678.26    3767371.08        5.77731                       397718.26
3767371.08        4.97664
         396558.26    3767411.08        3.69144                       396598.26
3767411.08        3.93419
         396638.26    3767411.08        4.34721                       396678.26
3767411.08        4.86748
         396718.26    3767411.08        5.57376                       396758.26
3767411.08        6.40020
         396798.26    3767411.08        7.35030                       396838.26
3767411.08        8.51172
         396878.26    3767411.08        9.85799                       396918.26
3767411.08       11.65310
         396958.26    3767411.08       13.83241                       396998.26
3767411.08       15.20169
         397038.26    3767411.08       15.19941                       397078.26
3767411.08       16.27956
         397118.26    3767411.08       18.11830                       397158.26
3767411.08       20.68056
         397198.26    3767411.08       23.37495                       397238.26
3767411.08       24.17873
         397278.26    3767411.08       23.35056                       397318.26
3767411.08       21.13411
         397358.26    3767411.08       18.77865                       397398.26
3767411.08       14.96567
         397438.26    3767411.08       13.03561                       397478.26
3767411.08       11.38031
         397518.26    3767411.08        9.94743                       397558.26
3767411.08        8.64730
         397598.26    3767411.08        7.67464                       397638.26
3767411.08        6.74792
         397678.26    3767411.08        5.92740                       397718.26
3767411.08        5.45033
         396558.26    3767451.08        3.52542                       396598.26
3767451.08        3.80263
         396638.26    3767451.08        4.10839                       396678.26
3767451.08        4.56105
         396718.26    3767451.08        5.13430                       396758.26
3767451.08        5.84792
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	6.60411	396838.26	3767451.08	7.54777
396878.26	3767451.08	8.53661	396918.26	3767451.08	9.98108
396958.26	3767451.08	11.88914	396998.26	3767451.08	13.44471
397038.26	3767451.08	13.73156	397078.26	3767451.08	14.31575
397118.26	3767451.08	15.33562	397158.26	3767451.08	17.03888
397198.26	3767451.08	18.85883	397238.26	3767451.08	19.45331
397278.26	3767451.08	19.14967	397318.26	3767451.08	17.87480
397358.26	3767451.08	16.29505	397398.26	3767451.08	13.83709
397438.26	3767451.08	12.22986	397478.26	3767451.08	10.95635
397518.26	3767451.08	9.84423	397558.26	3767451.08	8.77498
397598.26	3767451.08	7.82333	397638.26	3767451.08	6.97526
397678.26	3767451.08	6.20357	397718.26	3767451.08	5.62252
396558.26	3767491.08	3.39064	396598.26	3767491.08	3.65504

396638.26 3767491.08 4.05498 396678.26
3767491.08 4.49309
396718.26 3767491.08 4.85130 396758.26
3767491.08 5.31678
396798.26 3767491.08 5.95321 396838.26
3767491.08 6.65947
396878.26 3767491.08 7.45897 396918.26
3767491.08 8.70010
396958.26 3767491.08 10.20123 396998.26
3767491.08 11.99667
397038.26 3767491.08 12.39161 397078.26
3767491.08 12.77099
397118.26 3767491.08 13.41578 397158.26
3767491.08 14.40078
397198.26 3767491.08 15.72793 397238.26
3767491.08 16.32511
397278.26 3767491.08 16.07959 397318.26
3767491.08 15.45040
397358.26 3767491.08 14.42441 397398.26
3767491.08 12.82247
397438.26 3767491.08 11.56839 397478.26
3767491.08 10.29810
397518.26 3767491.08 9.42132 397558.26
3767491.08 8.68397
397598.26 3767491.08 7.90809 397638.26
3767491.08 7.13431
397678.26 3767491.08 6.31127 397718.26
3767491.08 5.77799
396558.26 3767531.08 3.33757 396598.26
3767531.08 3.61917
396638.26 3767531.08 4.00191 396678.26
3767531.08 4.40351
396718.26 3767531.08 4.66352 396758.26
3767531.08 4.84397
396798.26 3767531.08 5.35971 396838.26
3767531.08 5.92498
396878.26 3767531.08 6.53156 396918.26
3767531.08 7.51739
396958.26 3767531.08 8.70565 396998.26
3767531.08 10.29057
397038.26 3767531.08 11.28029 397078.26
3767531.08 11.68448
397118.26 3767531.08 11.98030 397158.26
3767531.08 12.52639
397198.26 3767531.08 13.41193 397238.26
3767531.08 13.91323
397278.26 3767531.08 13.80096 397318.26
3767531.08 13.33113
397358.26 3767531.08 12.73236 397398.26
3767531.08 11.67782

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   7.72373   397638.26
3767531.08   7.01861
         397678.26   3767531.08   6.34789   397718.26
3767531.08   5.82449
         397320.82   3767219.11   60.47963   397330.82
3767209.11   54.24851
         397340.82   3767189.11   49.98863   397340.82
3767199.11   47.74094
         397340.82   3767209.11   44.83312   397350.82
3767189.11   40.38363
         397350.82   3767199.11   39.39247   397360.82
3767189.11   33.75344
         397360.82   3767199.11   33.42949   397370.82
3767189.11   29.08295
         397380.82   3767189.11   25.55852   396934.73
3767169.52   57.52755
         397014.53   3767229.60   94.61622   397044.10

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3767223.97      125.28890
         397113.57    3767239.93      135.85352                       397158.63
3767280.29      110.77101
         397168.95    3767307.05       72.10105                       397244.05
3767296.72       74.40496
         397260.95    3767278.88       78.59670                       397409.74
3767205.66       18.33203
         397422.89    3767189.23       16.23434                       397426.64
3767180.78       15.65388
         397420.54    3767170.46       16.35224                       397318.68
3767160.13       69.00925
         397022.98    3767083.62       72.28062                       396920.42
3767167.32       41.53640
         396989.95    3767243.54       50.13127                       397044.10
3767223.97      125.28890
         397113.57    3767239.93      135.85352                       397158.63
3767280.29      110.77101
         397168.95    3767307.05       72.10105                       397244.05
3767296.72       74.40496
         397260.95    3767278.88       78.59670                       397409.74
3767205.66       18.33203
         397422.89    3767189.23       16.23434                       397426.64
3767180.78       15.65388
         397420.54    3767170.46       16.35224                       397318.68
3767160.13       69.00925
         397022.98    3767083.62       72.28062

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 121
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	2.71198	396598.26	3766771.08	2.95461
396638.26	3766771.08	3.26003	396678.26	3766771.08	3.58212
396718.26	3766771.08	3.91402	396758.26	3766771.08	4.23330
396798.26	3766771.08	4.53163	396838.26	3766771.08	4.87342
396878.26	3766771.08	5.21251	396918.26	3766771.08	5.54109
396958.26	3766771.08	5.82236	396998.26	3766771.08	6.05291
397038.26	3766771.08	6.22025	397078.26	3766771.08	6.32176
397118.26	3766771.08	6.32690	397158.26	3766771.08	6.24836
397198.26	3766771.08	6.11782	397238.26	3766771.08	5.93270
397278.26	3766771.08	5.69644	397318.26	3766771.08	5.42191
397358.26	3766771.08	5.12213	397398.26	3766771.08	4.80895
397438.26	3766771.08	4.48901	397478.26	3766771.08	4.17625
397518.26	3766771.08	3.87328	397558.26	3766771.08	3.58559
397598.26	3766771.08	3.31908	397638.26	3766771.08	3.07264
397678.26	3766771.08	2.84572	397718.26	3766771.08	2.63695
396558.26	3766811.08	2.87070	396598.26	3766811.08	3.14069
396638.26	3766811.08	3.48251	396678.26	3766811.08	3.85615
396718.26	3766811.08	4.24578	396758.26	3766811.08	4.63627
396798.26	3766811.08	5.06503	396838.26	3766811.08	5.49779
396878.26	3766811.08	5.94949	396918.26	3766811.08	6.38486
396958.26	3766811.08	6.79345	396998.26	3766811.08	7.11804
397038.26	3766811.08	7.35694	397078.26	3766811.08	7.48835

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         397118.26    3766811.08        7.52618                      397158.26
3766811.08        7.44551
         397198.26    3766811.08        7.24625                      397238.26
3766811.08        6.95610
         397278.26    3766811.08        6.61249                      397318.26
3766811.08        6.23793
         397358.26    3766811.08        5.84061                      397398.26
3766811.08        5.42979
         397438.26    3766811.08        5.01969                      397478.26
3766811.08        4.62473
         397518.26    3766811.08        4.25272                      397558.26
3766811.08        3.90610
         397598.26    3766811.08        3.58790                      397638.26
3766811.08        3.29791
         397678.26    3766811.08        3.03499                      397718.26
3766811.08        2.79657
         396558.26    3766851.08        3.04060                      396598.26
3766851.08        3.33464
         396638.26    3766851.08        3.69529                      396678.26
3766851.08        4.12637
         396718.26    3766851.08        4.57791                      396758.26
3766851.08        5.08787
         396798.26    3766851.08        5.65498                      396838.26
3766851.08        6.24656
         396878.26    3766851.08        6.85459                      396918.26
3766851.08        7.45481
         396958.26    3766851.08        8.02063                      396998.26
3766851.08        8.49067
         397038.26    3766851.08        8.82973                      397078.26
3766851.08        9.04596
         397118.26    3766851.08        9.10793                      397158.26
3766851.08        8.99245
         397198.26    3766851.08        8.71803                      397238.26
3766851.08        8.32495
         397278.26    3766851.08        7.83058                      397318.26
3766851.08        7.26565
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 122
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        6.71588                      397398.26
3766851.08        6.16981
         397438.26    3766851.08        5.64361                      397478.26
3766851.08        5.14460
         397518.26    3766851.08        4.68133                      397558.26
3766851.08        4.25857
         397598.26    3766851.08        3.87595                      397638.26
3766851.08        3.53383
         397678.26    3766851.08        3.22859                      397718.26
3766851.08        2.95659
         396558.26    3766891.08        3.20439                      396598.26
3766891.08        3.53400
         396638.26    3766891.08        3.94806                      396678.26
3766891.08        4.44200
         396718.26    3766891.08        4.98657                      396758.26
3766891.08        5.59448
         396798.26    3766891.08        6.31864                      396838.26
3766891.08        7.11596
         396878.26    3766891.08        7.97109                      396918.26
3766891.08        8.77849
         396958.26    3766891.08        9.62237                      396998.26
3766891.08       10.31956
         397038.26    3766891.08       10.84161                      397078.26
3766891.08       11.20667
         397118.26    3766891.08       11.28215                      397158.26
3766891.08       11.05443
         397198.26    3766891.08       10.68651                      397238.26
3766891.08       10.10230
         397278.26    3766891.08        9.40622                      397318.26
3766891.08        8.64046
         397358.26    3766891.08        7.83724                      397398.26
3766891.08        7.07034
         397438.26    3766891.08        6.37425                      397478.26
3766891.08        5.73255
         397518.26    3766891.08        5.15352                      397558.26
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3766891.08        4.63527
         397598.26    3766891.08        4.17851                    397638.26
3766891.08        3.77758
         397678.26    3766891.08        3.42592                    397718.26
3766891.08        3.11784
         396558.26    3766931.08        3.36965                    396598.26
3766931.08        3.73647
         396638.26    3766931.08        4.22765                    396678.26
3766931.08        4.77112
         396718.26    3766931.08        5.43071                    396758.26
3766931.08        6.18272
         396798.26    3766931.08        7.08513                    396838.26
3766931.08        8.13058
         396878.26    3766931.08        9.29784                    396918.26
3766931.08       10.54899
         396958.26    3766931.08       11.78170                    396998.26
3766931.08       12.88306
         397038.26    3766931.08       13.78636                    397078.26
3766931.08       14.29672
         397118.26    3766931.08       14.40064                    397158.26
3766931.08       14.05079
         397198.26    3766931.08       13.40799                    397238.26
3766931.08       12.52198
         397278.26    3766931.08       11.47017                    397318.26
3766931.08       10.37579
         397358.26    3766931.08        9.30099                    397398.26
3766931.08        8.22293
         397438.26    3766931.08        7.24105                    397478.26
3766931.08        6.39895
         397518.26    3766931.08        5.67420                    397558.26
3766931.08        5.03911
         397598.26    3766931.08        4.49447                    397638.26
3766931.08        4.02730
         397678.26    3766931.08        3.63226                    397718.26
3766931.08        3.29141
         396558.26    3766971.08        3.53283                    396598.26
3766971.08        3.94193
         396638.26    3766971.08        4.45474                    396678.26
3766971.08        5.08727
         396718.26    3766971.08        5.86669                    396758.26
3766971.08        6.81461
         396798.26    3766971.08        7.93641                    396838.26
3766971.08        9.35066
         396878.26    3766971.08       10.99134                    396918.26
3766971.08       12.86448
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	14.86231	396998.26	3766971.08	16.76149
397038.26	3766971.08	18.25363	397078.26	3766971.08	19.03537
397118.26	3766971.08	19.09630	397158.26	3766971.08	18.43941
397198.26	3766971.08	17.31501	397238.26	3766971.08	15.90215
397278.26	3766971.08	14.29652	397318.26	3766971.08	12.67163
397358.26	3766971.08	10.85009	397398.26	3766971.08	9.47508
397438.26	3766971.08	8.28302	397478.26	3766971.08	7.16270
397518.26	3766971.08	6.23676	397558.26	3766971.08	5.46852
397598.26	3766971.08	4.83432	397638.26	3766971.08	4.29180
397678.26	3766971.08	3.83374	397718.26	3766971.08	3.44992
396558.26	3767011.08	3.68406	396598.26	3767011.08	4.12953
396638.26	3767011.08	4.69683	396678.26	3767011.08	5.39754
396718.26	3767011.08	6.27367	396758.26	3767011.08	7.42185

396798.26 3767011.08 8.86200 396838.26
3767011.08 10.73649
396878.26 3767011.08 13.08866 396918.26
3767011.08 16.07490
396958.26 3767011.08 19.47307 396998.26
3767011.08 22.95844
397038.26 3767011.08 25.77469 397078.26
3767011.08 27.03672
397118.26 3767011.08 26.77065 397158.26
3767011.08 25.28632
397198.26 3767011.08 23.24851 397238.26
3767011.08 20.85120
397278.26 3767011.08 18.32088 397318.26
3767011.08 15.77320
397358.26 3767011.08 12.98893 397398.26
3767011.08 10.85224
397438.26 3767011.08 9.37626 397478.26
3767011.08 8.01046
397518.26 3767011.08 6.85588 397558.26
3767011.08 5.92223
397598.26 3767011.08 5.16293 397638.26
3767011.08 4.54498
397678.26 3767011.08 4.03413 397718.26
3767011.08 3.60899
396558.26 3767051.08 3.81443 396598.26
3767051.08 4.30349
396638.26 3767051.08 4.90363 396678.26
3767051.08 5.69154
396718.26 3767051.08 6.69453 396758.26
3767051.08 8.00736
396798.26 3767051.08 9.77565 396838.26
3767051.08 12.22397
396878.26 3767051.08 15.66891 396918.26
3767051.08 20.56802
396958.26 3767051.08 27.09232 396998.26
3767051.08 34.97977
397038.26 3767051.08 41.28535 397078.26
3767051.08 42.54429
397118.26 3767051.08 40.57597 397158.26
3767051.08 37.04929
397198.26 3767051.08 32.99178 397238.26
3767051.08 28.72997
397278.26 3767051.08 24.48012 397318.26
3767051.08 20.22915
397358.26 3767051.08 16.13987 397398.26
3767051.08 12.78837
397438.26 3767051.08 10.61948 397478.26
3767051.08 8.95908
397518.26 3767051.08 7.48521 397558.26
3767051.08 6.37667

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	3.92498	396598.26	3767091.08	4.46152
396638.26	3767091.08	5.09407	396678.26	3767091.08	5.91670
396718.26	3767091.08	7.03067	396758.26	3767091.08	8.53977
396798.26	3767091.08	10.63501	396838.26	3767091.08	13.73447
396878.26	3767091.08	18.57774	396918.26	3767091.08	26.79718
396958.26	3767091.08	40.99738	396998.26	3767091.08	68.70134
397078.26	3767091.08	82.64117	397118.26	3767091.08	71.72107
397158.26	3767091.08	61.13281	397198.26	3767091.08	51.60639
397238.26	3767091.08	43.06758	397278.26		
397598.26	3767051.08	5.49142	397638.26	3767051.08	4.79077
397678.26	3767051.08	4.22085	397718.26	3767051.08	3.75101

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3767091.08       35.22230
         397318.26    3767091.08       27.41176                       397358.26
3767091.08       20.46156
         397398.26    3767091.08       15.23589                       397438.26
3767091.08       11.94084
         397478.26    3767091.08        9.48833                       397518.26
3767091.08        7.89128
         397558.26    3767091.08        6.60246                       397598.26
3767091.08        5.73201
         397638.26    3767091.08        5.01473                       397678.26
3767091.08        4.38269
         397718.26    3767091.08        3.86777                       396558.26
3767131.08        4.00911
         396598.26    3767131.08        4.56787                       396638.26
3767131.08        5.25500
         396678.26    3767131.08        6.09314                       396718.26
3767131.08        7.25774
         396758.26    3767131.08        8.89990                       396798.26
3767131.08       11.26710
         396838.26    3767131.08       14.91442                       396878.26
3767131.08       21.24794
         396918.26    3767131.08       34.45908                       396958.26
3767131.08       72.35987
         397238.26    3767131.08       78.47669                       397278.26
3767131.08       60.57839
         397318.26    3767131.08       42.15483                       397358.26
3767131.08       26.65270
         397398.26    3767131.08       17.88421                       397438.26
3767131.08       13.23485
         397478.26    3767131.08       10.07318                       397518.26
3767131.08        8.22559
         397558.26    3767131.08        6.87227                       397598.26
3767131.08        5.90407
         397638.26    3767131.08        5.15989                       397678.26
3767131.08        4.50272
         397718.26    3767131.08        3.96365                       396558.26
3767171.08        4.03494
         396598.26    3767171.08        4.60510                       396638.26
3767171.08        5.32222
         396678.26    3767171.08        6.19709                       396718.26
3767171.08        7.33917
         396758.26    3767171.08        8.99031                       396798.26
3767171.08       11.46182
         396838.26    3767171.08       15.38160                       396878.26
3767171.08       22.55639
         396918.26    3767171.08       39.90578                       397438.26
3767171.08       14.19572
         397478.26    3767171.08       10.88653                       397518.26
3767171.08        8.82205
         397558.26    3767171.08        7.26134                       397598.26
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3767171.08   6.16277
         397638.26   3767171.08   5.27673   397678.26
3767171.08   4.57544
         397718.26   3767171.08   4.01406   396558.26
3767211.08   4.03307
         396598.26   3767211.08   4.59553   396638.26
3767211.08   5.29546
         396678.26   3767211.08   6.19061   396718.26
3767211.08   7.31664
         396758.26   3767211.08   8.90487   396798.26
3767211.08   11.25411
         396838.26   3767211.08   14.94688   396878.26
3767211.08   21.07668

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396918.26   3767211.08   33.08720   396958.26
3767211.08   57.99908
         397438.26   3767211.08   14.13040   397478.26
3767211.08   11.08324
         397518.26   3767211.08   9.02988   397558.26
3767211.08   7.40579
         397598.26   3767211.08   6.25362   397638.26
3767211.08   5.34760

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         397678.26    3767211.08        4.63672                    397718.26
3767211.08        4.05866
         396558.26    3767251.08        4.00010                    396598.26
3767251.08        4.54919
         396638.26    3767251.08        5.24768                    396678.26
3767251.08        6.11927
         396718.26    3767251.08        7.20779                    396758.26
3767251.08        8.60703
         396798.26    3767251.08       10.65892                    396838.26
3767251.08       13.68675
         396878.26    3767251.08       18.44591                    396918.26
3767251.08       25.00199
         396958.26    3767251.08       34.35452                    396998.26
3767251.08       46.73983
         397038.26    3767251.08       58.09626                    397078.26
3767251.08       77.92725
         397118.26    3767251.08      124.86650                    397318.26
3767251.08       47.00420
         397358.26    3767251.08       29.29744                    397398.26
3767251.08       18.60484
         397438.26    3767251.08       13.83536                    397478.26
3767251.08       11.42203
         397518.26    3767251.08        9.36800                    397558.26
3767251.08        7.69227
         397598.26    3767251.08        6.47013                    397638.26
3767251.08        5.44735
         397678.26    3767251.08        4.66965                    397718.26
3767251.08        4.08466
         396558.26    3767291.08        3.97079                    396598.26
3767291.08        4.39335
         396638.26    3767291.08        4.97060                    396678.26
3767291.08        5.77992
         396718.26    3767291.08        6.93350                    396758.26
3767291.08        8.15186
         396798.26    3767291.08        9.84298                    396838.26
3767291.08       12.26451
         396878.26    3767291.08       15.54482                    396918.26
3767291.08       19.51197
         396958.26    3767291.08       24.80078                    396998.26
3767291.08       28.38713
         397038.26    3767291.08       29.84313                    397078.26
3767291.08       36.37566
         397118.26    3767291.08       53.06222                    397158.26
3767291.08       96.62566
         397278.26    3767291.08       53.95413                    397318.26
3767291.08       37.68821
         397358.26    3767291.08       26.17479                    397398.26
3767291.08       17.62205
         397438.26    3767291.08       13.65543                    397478.26
3767291.08       11.41966
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         397518.26    3767291.08        9.48947                      397558.26
3767291.08        7.71538
         397598.26    3767291.08        6.66230                      397638.26
3767291.08        5.91375
         397678.26    3767291.08        4.88626                      397718.26
3767291.08        4.22483
         396558.26    3767331.08        3.93684                      396598.26
3767331.08        4.39910
         396638.26    3767331.08        4.87380                      396678.26
3767331.08        5.54912
         396718.26    3767331.08        6.43607                      396758.26
3767331.08        7.59113
         396798.26    3767331.08        8.98648                      396838.26
3767331.08       10.91887
         396878.26    3767331.08       13.37053                      396918.26
3767331.08       16.13328
         396958.26    3767331.08       19.46331                      396998.26
3767331.08       23.05784
         397038.26    3767331.08       23.92137                      397078.26
3767331.08       26.98225
         397118.26    3767331.08       32.84911                      397158.26
3767331.08       42.91109
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 126
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
397198.26 3767331.08 48.75009 397238.26
3767331.08 46.55885
397278.26 3767331.08 39.39814 397318.26
3767331.08 30.81013
397358.26 3767331.08 23.06703 397398.26
3767331.08 17.26873
397438.26 3767331.08 14.01755 397478.26
3767331.08 11.54758
397518.26 3767331.08 9.65688 397558.26
3767331.08 8.05768
397598.26 3767331.08 6.82869 397638.26
3767331.08 6.18313
397678.26 3767331.08 5.41507 397718.26
3767331.08 4.44429
396558.26 3767371.08 3.80092 396598.26
3767371.08 4.17577
396638.26 3767371.08 4.61069 396678.26
3767371.08 5.20960
396718.26 3767371.08 6.03135 396758.26
3767371.08 7.00029
396798.26 3767371.08 8.15747 396838.26
3767371.08 9.66529
396878.26 3767371.08 11.55813 396918.26
3767371.08 13.78246
396958.26 3767371.08 16.29312 396998.26
3767371.08 18.83729
397038.26 3767371.08 19.50765 397078.26
3767371.08 20.68900
397118.26 3767371.08 24.30768 397158.26
3767371.08 27.25041
397198.26 3767371.08 31.13081 397238.26
3767371.08 32.31335
397278.26 3767371.08 29.91559 397318.26
3767371.08 25.47444
397358.26 3767371.08 21.06113 397398.26
3767371.08 16.27847
397438.26 3767371.08 13.86894 397478.26
3767371.08 11.87548
397518.26 3767371.08 10.02652 397558.26
3767371.08 8.56430
397598.26 3767371.08 7.46370 397638.26
3767371.08 6.42186
397678.26 3767371.08 5.85709 397718.26
3767371.08 5.01842
396558.26 3767411.08 3.71960 396598.26
3767411.08 3.98315
396638.26 3767411.08 4.36592 396678.26
3767411.08 4.89436
396718.26 3767411.08 5.59072 396758.26

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3767411.08        6.41943
         396798.26    3767411.08        7.37188                      396838.26
3767411.08        8.54921
         396878.26    3767411.08        9.95908                      396918.26
3767411.08       11.70609
         396958.26    3767411.08       13.89324                      396998.26
3767411.08       15.30574
         397038.26    3767411.08       15.33966                      397078.26
3767411.08       16.49165
         397118.26    3767411.08       18.38730                      397158.26
3767411.08       21.21915
         397198.26    3767411.08       23.76626                      397238.26
3767411.08       24.63411
         397278.26    3767411.08       23.92531                      397318.26
3767411.08       21.43740
         397358.26    3767411.08       19.11835                      397398.26
3767411.08       15.37968
         397438.26    3767411.08       13.27780                      397478.26
3767411.08       11.53730
         397518.26    3767411.08       10.18411                      397558.26
3767411.08        8.83972
         397598.26    3767411.08        7.77889                      397638.26
3767411.08        6.82274
         397678.26    3767411.08        5.97774                      397718.26
3767411.08        5.49582
         396558.26    3767451.08        3.54731                      396598.26
3767451.08        3.82159
         396638.26    3767451.08        4.12789                      396678.26
3767451.08        4.57962
         396718.26    3767451.08        5.17277                      396758.26
3767451.08        5.86562
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 127
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	6.63709	396838.26	3767451.08	7.57873
396878.26	3767451.08	8.61642	396918.26	3767451.08	10.04670
396958.26	3767451.08	11.96768	396998.26	3767451.08	13.51339
397038.26	3767451.08	13.87952	397078.26	3767451.08	14.45470
397118.26	3767451.08	15.52979	397158.26	3767451.08	17.40512
397198.26	3767451.08	19.27815	397238.26	3767451.08	19.93214
397278.26	3767451.08	19.49051	397318.26	3767451.08	18.36597
397358.26	3767451.08	16.57713	397398.26	3767451.08	14.21349
397438.26	3767451.08	12.55374	397478.26	3767451.08	11.19011
397518.26	3767451.08	10.00078	397558.26	3767451.08	8.90540
397598.26	3767451.08	8.01503	397638.26	3767451.08	7.10587
397678.26	3767451.08	6.27972	397718.26	3767451.08	5.67360
396558.26	3767491.08	3.41908	396598.26	3767491.08	3.68335
396638.26	3767491.08	4.07706	396678.26	3767491.08	4.51493
396718.26	3767491.08	4.90002	396758.26	3767491.08	5.35472
396798.26	3767491.08	5.97177	396838.26	3767491.08	6.70592
396878.26	3767491.08	7.48576	396918.26	3767491.08	8.78091
396958.26	3767491.08	10.29785	396998.26	3767491.08	12.07901
397038.26	3767491.08	12.44263	397078.26	3767491.08	12.90007
397118.26	3767491.08	13.55783	397158.26	3767491.08	14.72154

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         397198.26    3767491.08       16.13843                       397238.26
3767491.08       16.71363
         397278.26    3767491.08       16.39630                       397318.26
3767491.08       15.74899
         397358.26    3767491.08       14.67747                       397398.26
3767491.08       13.00837
         397438.26    3767491.08       11.84615                       397478.26
3767491.08       10.53575
         397518.26    3767491.08        9.58153                       397558.26
3767491.08        8.74213
         397598.26    3767491.08        7.99519                       397638.26
3767491.08        7.22137
         397678.26    3767491.08        6.43413                       397718.26
3767491.08        5.85005
         396558.26    3767531.08        3.35749                       396598.26
3767531.08        3.65008
         396638.26    3767531.08        4.04082                       396678.26
3767531.08        4.41936
         396718.26    3767531.08        4.71232                       396758.26
3767531.08        4.87216
         396798.26    3767531.08        5.39110                       396838.26
3767531.08        5.96600
         396878.26    3767531.08        6.59625                       396918.26
3767531.08        7.55715
         396958.26    3767531.08        8.76134                       396998.26
3767531.08       10.37308
         397038.26    3767531.08       11.35283                       397078.26
3767531.08       11.87751
         397118.26    3767531.08       12.07657                       397158.26
3767531.08       12.77533
         397198.26    3767531.08       13.68666                       397238.26
3767531.08       14.33693
         397278.26    3767531.08       14.11166                       397318.26
3767531.08       13.50559
         397358.26    3767531.08       13.04532                       397398.26
3767531.08       11.90994
         397438.26    3767531.08       10.52287                       397478.26
3767531.08        9.72946
         397518.26    3767531.08        8.95317                       397558.26
3767531.08        8.33055
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 128
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002
, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	7.80857	397638.26	3767531.08	7.10615
397678.26	3767531.08	6.44037	397718.26	3767531.08	5.91651
397320.82	3767219.11	60.82150	397330.82	3767209.11	54.49023
397340.82	3767189.11	50.18664	397340.82	3767199.11	47.91490
397340.82	3767209.11	45.08710	397350.82	3767189.11	40.66914
397350.82	3767199.11	39.67285	397360.82	3767189.11	34.03250
397360.82	3767199.11	33.70859	397370.82	3767189.11	29.34586
397380.82	3767189.11	25.73165	396934.73	3767169.52	57.70743
397014.53	3767229.60	94.76871	397044.10	3767223.97	125.49465
397113.57	3767239.93	136.11347	397158.63	3767280.29	111.29006
397168.95	3767307.05	72.52525	397244.05	3767296.72	74.84248
397260.95	3767278.88	78.99989	397409.74	3767205.66	18.46790
397422.89	3767189.23	16.30881	397426.64	3767180.78	15.70739
397420.54	3767170.46	16.44521	397318.68	3767160.13	69.24727
397022.98	3767083.62	72.51704	396920.42	3767167.32	41.72655
396989.95	3767243.54	50.32467	397044.10		

3767223.97   125.49465
         397113.57   3767239.93   136.11347   397158.63
3767280.29   111.29006
         397168.95   3767307.05   72.52525   397244.05
3767296.72   74.84248
         397260.95   3767278.88   78.99989   397409.74
3767205.66   18.46790
         397422.89   3767189.23   16.30881   397426.64
3767180.78   15.70739
         397420.54   3767170.46   16.44521   397318.68
3767160.13   69.24727
         397022.98   3767083.62   72.51704

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
              **

                        NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

GENERATO 1ST HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          2ND HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          3RD HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          4TH HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          5TH HIGHEST VALUE IS   0.50249 AT (397118.26, 3767251.08,
113.68,   187.57,   2.00) DC
          6TH HIGHEST VALUE IS   0.49930 AT (397238.26, 3767331.08,
123.96,   149.01,   2.00) DC
          7TH HIGHEST VALUE IS   0.49256 AT (397198.26, 3767331.08,
125.94,   149.01,   2.00) DC
          8TH HIGHEST VALUE IS   0.48956 AT (397158.26, 3767291.08,

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115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS       0.45422 AT (  397158.26,  3767331.08,
126.82,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS       0.45146 AT (  397244.05,  3767296.72,
118.15,   188.90,    2.00)  DC

AREA      1ST HIGHEST VALUE IS     102.74567 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     102.74567 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      93.73616 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.45064 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.70053 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.36278 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC

ALL       1ST HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      94.23865 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.94021 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.82512 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.66837 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
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*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	2.20734	AT (396998.26, 3767091.08, 105.38, 142.19, 2.00)	DC	
	2ND HIGHEST VALUE IS	2.16549	AT (397022.98, 3767083.62, 105.68, 142.19, 2.00)	DC	
	3RD HIGHEST VALUE IS	2.16549	AT (397022.98, 3767083.62, 105.68, 142.19, 2.00)	DC	
	4TH HIGHEST VALUE IS	2.12119	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	2.03666	AT (397350.82, 3767189.11, 113.73, 149.27, 0.00)	DC	
	6TH HIGHEST VALUE IS	1.97576	AT (397340.82, 3767199.11, 113.97, 149.27, 0.00)	DC	
	7TH HIGHEST VALUE IS	1.94806	AT (397330.82, 3767209.11, 114.55, 149.27, 0.00)	DC	
	8TH HIGHEST VALUE IS	1.86838	AT (397038.26, 3767051.08, 105.89, 140.23, 2.00)	DC	
	9TH HIGHEST VALUE IS	1.86285	AT (397078.26, 3767091.08, 107.82, 147.56, 2.00)	DC	
	10TH HIGHEST VALUE IS	1.85946	AT (397350.82, 3767199.11, 114.28, 149.27, 0.00)	DC	
AREA	1ST HIGHEST VALUE IS	148.51708	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	2ND HIGHEST VALUE IS	148.51708	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	

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          3RD HIGHEST VALUE IS     137.22566 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS     137.22566 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     136.29649 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          6TH HIGHEST VALUE IS     120.82437 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     120.82437 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS     105.84527 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS     104.50637 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      91.78612 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC

ALL       1ST HIGHEST VALUE IS     148.73741 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     148.73741 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS     137.37373 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS     137.37373 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     136.61878 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          6TH HIGHEST VALUE IS     121.22688 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     121.22688 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS     106.18833 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS     104.56753 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      91.97592 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST 24-HR RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
```

**

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

GENERATO 1ST HIGHEST VALUE IS 1.44440 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
2ND HIGHEST VALUE IS 1.44440 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
3RD HIGHEST VALUE IS 1.38486 AT (396998.26, 3767091.08, 105.38, 142.19, 2.00) DC
4TH HIGHEST VALUE IS 1.32922 AT (397022.98, 3767083.62, 105.68, 142.19, 2.00) DC
5TH HIGHEST VALUE IS 1.32922 AT (397022.98, 3767083.62, 105.68, 142.19, 2.00) DC
6TH HIGHEST VALUE IS 1.27030 AT (397158.26, 3767331.08, 126.82, 142.19, 2.00) DC
7TH HIGHEST VALUE IS 1.25278 AT (397238.26, 3767331.08, 123.96, 149.01, 2.00) DC
8TH HIGHEST VALUE IS 1.25149 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
9TH HIGHEST VALUE IS 1.25149 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
10TH HIGHEST VALUE IS 1.23413 AT (397038.26, 3767051.08, 105.89, 140.23, 2.00) DC

AREA 1ST HIGHEST VALUE IS 135.85352 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
2ND HIGHEST VALUE IS 135.85352 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
3RD HIGHEST VALUE IS 125.28890 AT (397044.10, 3767223.97, 112.60, 142.19, 2.00) DC
4TH HIGHEST VALUE IS 125.28890 AT (397044.10, 3767223.97, 112.60, 142.19, 2.00) DC
5TH HIGHEST VALUE IS 124.51725 AT (397118.26, 3767251.08, 113.68, 187.57, 2.00) DC
6TH HIGHEST VALUE IS 110.77101 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
7TH HIGHEST VALUE IS 110.77101 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
8TH HIGHEST VALUE IS 96.29450 AT (397158.26, 3767291.08, 115.43, 188.90, 2.00) DC
9TH HIGHEST VALUE IS 94.61622 AT (397014.53, 3767229.60, 112.60, 142.19, 2.00) DC
10TH HIGHEST VALUE IS 82.27146 AT (397078.26, 3767091.08, 107.82, 147.56, 2.00) DC

```
ALL       1ST HIGHEST VALUE IS     136.11347 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     136.11347 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS     125.49465 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS     125.49465 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     124.86650 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          6TH HIGHEST VALUE IS     111.29006 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     111.29006 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      96.62566 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      94.76871 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      82.64117 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 132
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           72 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)
```

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 2020 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 2020 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

CN W732 528 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010012224
CN W732 1560 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030624
CN W732 1584 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030724
CN W732 2688 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042224
CN W732 2712 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042324
CN W732 2736 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042424
CN W732 2760 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042524
CN W732 2784 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042624
CN W732 2808 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042724
CN W732 2832 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042824
CN W732 2856 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042924
CN W732 2880 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010043024
CN W732 2904 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050124
CN W732 2928 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050224
CN W732 3384 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010052124
CN W732 3744 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010060524
CN W732 5976 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090624
CN W732 6024 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090824
CN W732 8184 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010120724
CN W732 8352 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010121424
CN W732 8640 AVER: 24-hr avg, < 18 hours of data, calms policy used.

2010122624
 CN W732   8952   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010824
 CN W732   8976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010924
 CN W732   9504   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011013124
 CN W732   9528   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011020124
 CN W732   10200   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011030124
 CN W732   11088   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040724
 CN W732   11112   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040824
 CN W732   11136   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040924
 CN W732   11160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011041024
 CN W732   12648   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061124
 CN W732   12672   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061224
 CN W732   12696   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061324
 CN W732   12720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061424
 CN W732   12744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061524
 CN W732   13680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072424
 CN W732   13704   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072524
 CN W732   13728   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072624
 CN W732   15432   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100524
 CN W732   15456   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100624
 CN W732   15480   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100724
 CN W732   16128   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011110324
 CN W732   16416   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011111524
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112224
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112324
 CN W732   19896   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2012040824
 CN W732   20472   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012050224
 CN W732   20904   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052024
 CN W732   20928   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052124
 CN W732   20952   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052224
 CN W732   20976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052324
 CN W732   21024   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052524
 CN W732   23016   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012081624
 CN W732   24072   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012092924
 CN W732   24096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012093024
 CN W732   25560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012113024
 CN W732   25584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120124
 CN W732   25632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120324
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap
 CN W732   27216   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015020724
 CN W732   29424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015051024
 CN W732   30696   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015070224
 CN W732   35064   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015123124
 CN W732   36816   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031324
 CN W732   36840   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031424
 CN W732   40416   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081024
 CN W732   40512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081424
 CN W732   40632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081924
 CN W732   43848   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016123124

```
**********************************
*** AERMOD Finishes Successfully ***
**********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_PM10\Saturn_PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM-10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_PM10.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
```

```
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.20
** SZINIT = 4.74
** Nodes = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
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** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
** 397126.690, 3767240.880, 113.00, 5.10, 4.19
** 397136.380, 3767248.250, 113.00, 5.10, 4.19
** 397138.940, 3767258.350, 113.00, 5.10, 4.19
** 397217.710, 3767153.640, 113.00, 5.10, 4.19
** 397240.180, 3767158.630, 113.00, 5.10, 4.19
** 397150.180, 3767263.940, 113.00, 5.10, 4.19
** 397165.830, 3767279.730, 113.00, 5.10, 4.19
** 397260.990, 3767158.220, 113.00, 5.10, 4.19
** 397280.550, 3767164.040, 113.00, 5.10, 4.19
** 397174.020, 3767288.680, 113.00, 5.10, 4.19
** 397189.460, 3767297.190, 113.00, 5.10, 4.19
** 397198.980, 3767300.960, 113.00, 5.10, 4.19
** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   397018.406 3767094.696 113.00
   LOCATION L0000002     VOLUME   397011.819 3767100.828 113.00
   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
   LOCATION L0000004     VOLUME   396998.643 3767113.093 113.00
   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
   LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
   LOCATION L0000011     VOLUME   396952.530 3767156.018 113.00
   LOCATION L0000012     VOLUME   396950.015 3767162.329 113.00
   LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
   LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
   LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
   LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
   LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
   LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
```

```
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
LOCATION L0000025     VOLUME   397031.863 3767109.395 113.00
LOCATION L0000026     VOLUME   397038.217 3767103.021 113.00
LOCATION L0000027     VOLUME   397044.715 3767098.097 113.00
LOCATION L0000028     VOLUME   397052.204 3767103.089 113.00
LOCATION L0000029     VOLUME   397053.373 3767108.779 113.00
LOCATION L0000030     VOLUME   397047.155 3767115.286 113.00
LOCATION L0000031     VOLUME   397040.937 3767121.792 113.00
LOCATION L0000032     VOLUME   397034.719 3767128.299 113.00
LOCATION L0000033     VOLUME   397028.501 3767134.805 113.00
LOCATION L0000034     VOLUME   397022.282 3767141.312 113.00
LOCATION L0000035     VOLUME   397016.064 3767147.818 113.00
LOCATION L0000036     VOLUME   397009.846 3767154.325 113.00
LOCATION L0000037     VOLUME   397003.628 3767160.831 113.00
LOCATION L0000038     VOLUME   396997.409 3767167.337 113.00
LOCATION L0000039     VOLUME   396991.191 3767173.844 113.00
LOCATION L0000040     VOLUME   396984.973 3767180.350 113.00
LOCATION L0000041     VOLUME   396978.755 3767186.857 113.00
LOCATION L0000042     VOLUME   396979.734 3767193.039 113.00
LOCATION L0000043     VOLUME   396986.512 3767198.960 113.00
LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
LOCATION L0000045     VOLUME   396999.223 3767194.647 113.00
LOCATION L0000046     VOLUME   397005.346 3767188.051 113.00
LOCATION L0000047     VOLUME   397011.469 3767181.455 113.00
LOCATION L0000048     VOLUME   397017.592 3767174.860 113.00
LOCATION L0000049     VOLUME   397023.716 3767168.264 113.00
LOCATION L0000050     VOLUME   397029.839 3767161.668 113.00
LOCATION L0000051     VOLUME   397035.962 3767155.072 113.00
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LOCATION L0000065     VOLUME   397067.845 3767147.522 113.00
LOCATION L0000066     VOLUME   397061.705 3767154.103 113.00
LOCATION L0000067     VOLUME   397055.566 3767160.684 113.00
LOCATION L0000068     VOLUME   397049.426 3767167.265 113.00
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LOCATION L0000070     VOLUME   397037.147 3767180.426 113.00
LOCATION L0000071     VOLUME   397031.008 3767187.007 113.00
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LOCATION L0000073     VOLUME   397018.729 3767200.169 113.00
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LOCATION L0000117     VOLUME   397100.736 3767191.929 113.00
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** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
   SRCPARAM EG01           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG02           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG03           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG05           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG06           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG08           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG09           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG10           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG11           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG12           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG13           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG14           0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG15           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG16           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG17           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG18           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG19           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG20           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG21           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG22           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG23           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG24           0.0073    14.326   756.483 32.6741244228888      0.61

** LINE VOLUME Source ID = SLINE1
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   SRCPARAM L0000003     0.0034722222      5.10      4.19      4.74
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** Building Downwash **
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BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG18 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG22 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13

XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27

XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71

XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49

YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01

YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33

YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03

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   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP area     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
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   SRCGROUP area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED Saturn_PM10.rou
RE FINISHED
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** AERMOD Meteorology Pathway
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** Profile File Path: C:\Lakes\AERMOD View\Saturn_PM10\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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   RECTABLE 24 1ST 8TH
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   PLOTFILE 24 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H1G001.PLT" 32
   PLOTFILE 24 area 1ST "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H1G002.PLT" 33
   PLOTFILE 24 ALL 8TH "C:\Lakes\AERMOD
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View\Saturn_PM10\SATURN_PM10.AD\24H8G001.PLT" 35
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View\Saturn_PM10\SATURN_PM10.AD\AN00G002.PLT" 39
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** Project Parameters
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** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_PM10\SATURN_PM10.ADI
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** AERMOD CONTROL PATHWAY
**************************************
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   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID PM-10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_PM10.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
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   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
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** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
** NODES = 36
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** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
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LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
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LOCATION L0000117     VOLUME   397100.736 3767191.929 113.00
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LOCATION L0000175     VOLUME   397142.151 3767254.081 113.00
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LOCATION L0000182     VOLUME   397180.024 3767203.736 113.00
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LOCATION L0000189     VOLUME   397218.014 3767153.708 113.00
LOCATION L0000190     VOLUME   397226.800 3767155.659 113.00
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LOCATION L0000266     VOLUME   397286.066 3767187.590 113.00
LOCATION L0000267     VOLUME   397291.548 3767180.453 113.00
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** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
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   SRCPARAM EG05            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG06            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG07            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG24            0.0073    14.326   756.483 32.6741244228888      0.61
** LINE VOLUME SOURCE ID = SLINE1
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** BUILDING DOWNWASH **
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   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG04 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG04 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27

BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87

XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21

XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96

XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01

XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05

YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00

YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08

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   YBADJ    EG21           51.33    39.11    25.71    11.52    -3.02   -17.46
   YBADJ    EG21          -31.38   -48.01   -59.59   -69.35   -77.01   -82.33
   YBADJ    EG21          -85.15   -85.38   -83.02   -78.13   -70.76   -61.98
   YBADJ    EG21          -51.33   -39.11   -25.71   -11.52     3.02    17.46
   YBADJ    EG21           31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21           85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22           62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22          -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22          -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22          -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22           29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22           94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23           68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23          -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23         -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23          -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23           29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23          100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 1"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
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   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
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   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP GENERATO EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP GENERATO EG23 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
```

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   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
```

```
**
**
RE STARTING
   INCLUDED SATURN_PM10.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM10\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM10\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H1GALL.PLT" 31
   PLOTFILE   24 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H1G001.PLT" 32
   PLOTFILE   24 AREA 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H1G002.PLT" 33
   PLOTFILE   24 ALL 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H8GALL.PLT" 34
   PLOTFILE   24 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H8G001.PLT" 35
   PLOTFILE   24 AREA 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H8G002.PLT" 36
   PLOTFILE   ANNUAL ALL "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\AN00GALL.PLT" 37
   PLOTFILE   ANNUAL GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\AN00G001.PLT" 38
   PLOTFILE   ANNUAL AREA "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\AN00G002.PLT" 39
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_PM10\SATURN_PM10.SUM"
```

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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    2020       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2020       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
```

```
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   312 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM-10

 **Model Calculates  1 Short Term Average(s) of:  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:    312 Source(s);       3 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL 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) =    58.00 ;  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 = 4.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: SATURN_PM10.ERR

**File for Summary of Results: C:\LAKES\AERMOD VIEW\SATURN_PM10\SATURN_PM10.SUM

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.73000E-02	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG02	0	0.73000E-02	397059.0	3767182.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG03	0	0.73000E-02	397065.8	3767183.8	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG04	0	0.73000E-02	397077.3	3767187.1	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG05	0	0.73000E-02	397083.4	3767188.5	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG06	0	0.73000E-02	397095.4	3767191.9	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG07	0	0.73000E-02	397101.1	3767193.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG08	0	0.73000E-02	397112.7	3767197.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG09	0	0.73000E-02	397117.7	3767198.0	112.5	14.33	756.48						

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32.67     0.61    YES     YES   NO  HRDOW
 EG10             0   0.73000E-02  397131.0 3767201.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG11             0   0.73000E-02  397137.4 3767203.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG12             0   0.73000E-02  397148.4 3767206.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG13             0   0.73000E-02  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG14             0   0.73000E-02  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG15             0   0.73000E-02  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG16             0   0.73000E-02  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG17             0   0.73000E-02  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG18             0   0.73000E-02  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG19             0   0.73000E-02  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG20             0   0.73000E-02  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG21             0   0.73000E-02  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG22             0   0.73000E-02  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG23             0   0.73000E-02  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG24             0   0.73000E-02  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74
YES		NO						
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74
YES		NO						
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74
YES		NO						
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19	4.74
YES		NO						
L0000005	0	0.34722E-02	396992.1	3767119.2	113.0	5.10	4.19	4.74
YES		NO						
L0000006	0	0.34722E-02	396985.5	3767125.4	113.0	5.10	4.19	4.74
YES		NO						
L0000007	0	0.34722E-02	396978.9	3767131.5	113.0	5.10	4.19	4.74
YES		NO						
L0000008	0	0.34722E-02	396972.3	3767137.6	113.0	5.10	4.19	4.74
YES		NO						
L0000009	0	0.34722E-02	396965.7	3767143.8	113.0	5.10	4.19	4.74
YES		NO						
L0000010	0	0.34722E-02	396959.1	3767149.9	113.0	5.10	4.19	4.74
YES		NO						
L0000011	0	0.34722E-02	396952.5	3767156.0	113.0	5.10	4.19	4.74
YES		NO						
L0000012	0	0.34722E-02	396950.0	3767162.3	113.0	5.10	4.19	4.74
YES		NO						
L0000013	0	0.34722E-02	396956.0	3767169.0	113.0	5.10	4.19	4.74
YES		NO						
L0000014	0	0.34722E-02	396962.1	3767175.7	113.0	5.10	4.19	4.74
YES		NO						
L0000015	0	0.34722E-02	396968.3	3767173.1	113.0	5.10	4.19	4.74
YES		NO						
L0000016	0	0.34722E-02	396974.7	3767166.8	113.0	5.10	4.19	4.74
YES		NO						
L0000017	0	0.34722E-02	396981.0	3767160.4	113.0	5.10	4.19	4.74
YES		NO						
L0000018	0	0.34722E-02	396987.4	3767154.0	113.0	5.10	4.19	4.74
YES		NO						
L0000019	0	0.34722E-02	396993.7	3767147.6	113.0	5.10	4.19	4.74
YES		NO						
L0000020	0	0.34722E-02	397000.1	3767141.3	113.0	5.10	4.19	4.74
YES		NO						
L0000021	0	0.34722E-02	397006.4	3767134.9	113.0	5.10	4.19	4.74
YES		NO						
L0000022	0	0.34722E-02	397012.8	3767128.5	113.0	5.10	4.19	4.74
YES		NO						
L0000023	0	0.34722E-02	397019.2	3767122.1	113.0	5.10	4.19	4.74
YES		NO						
L0000024	0	0.34722E-02	397025.5	3767115.8	113.0	5.10	4.19	4.74
YES		NO						
L0000025	0	0.34722E-02	397031.9	3767109.4	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0000041	0	0.34722E-02	396978.8	3767186.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000042	0	0.34722E-02	396979.7	3767193.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000043	0	0.34722E-02	396986.5	3767199.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000044	0	0.34722E-02	396993.1	3767201.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000045	0	0.34722E-02	396999.2	3767194.6	113.0	5.10	4.19	
4.74	YES		NO					
L0000046	0	0.34722E-02	397005.3	3767188.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000047	0	0.34722E-02	397011.5	3767181.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000048	0	0.34722E-02	397017.6	3767174.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000049	0	0.34722E-02	397023.7	3767168.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000050	0	0.34722E-02	397029.8	3767161.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000051	0	0.34722E-02	397036.0	3767155.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000052	0	0.34722E-02	397042.1	3767148.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000053	0	0.34722E-02	397048.2	3767141.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000054	0	0.34722E-02	397054.3	3767135.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000055	0	0.34722E-02	397060.5	3767128.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000056	0	0.34722E-02	397066.6	3767122.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000057	0	0.34722E-02	397072.7	3767115.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000058	0	0.34722E-02	397079.4	3767110.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000059	0	0.34722E-02	397088.1	3767113.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000060	0	0.34722E-02	397096.9	3767115.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000061	0	0.34722E-02	397092.4	3767121.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000062	0	0.34722E-02	397086.3	3767127.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000063	0	0.34722E-02	397080.1	3767134.4	113.0	5.10	4.19	
4.74	YES		NO					
L0000064	0	0.34722E-02	397074.0	3767140.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000065	0	0.34722E-02	397067.8	3767147.5	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0000081	0	0.34722E-02	397044.8	3767200.2	113.0	5.10	4.19	4.74
YES		NO						
L0000082	0	0.34722E-02	397050.9	3767193.6	113.0	5.10	4.19	4.74
YES		NO						
L0000083	0	0.34722E-02	397057.0	3767186.9	113.0	5.10	4.19	4.74
YES		NO						
L0000084	0	0.34722E-02	397063.0	3767180.3	113.0	5.10	4.19	4.74
YES		NO						
L0000085	0	0.34722E-02	397069.1	3767173.7	113.0	5.10	4.19	4.74
YES		NO						
L0000086	0	0.34722E-02	397075.2	3767167.0	113.0	5.10	4.19	4.74
YES		NO						
L0000087	0	0.34722E-02	397081.3	3767160.4	113.0	5.10	4.19	4.74
YES		NO						
L0000088	0	0.34722E-02	397087.4	3767153.8	113.0	5.10	4.19	4.74
YES		NO						
L0000089	0	0.34722E-02	397093.5	3767147.1	113.0	5.10	4.19	4.74
YES		NO						
L0000090	0	0.34722E-02	397099.5	3767140.5	113.0	5.10	4.19	4.74
YES		NO						
L0000091	0	0.34722E-02	397105.6	3767133.9	113.0	5.10	4.19	4.74
YES		NO						
L0000092	0	0.34722E-02	397111.7	3767127.2	113.0	5.10	4.19	4.74
YES		NO						
L0000093	0	0.34722E-02	397118.7	3767123.6	113.0	5.10	4.19	4.74
YES		NO						
L0000094	0	0.34722E-02	397127.4	3767125.8	113.0	5.10	4.19	4.74
YES		NO						
L0000095	0	0.34722E-02	397134.7	3767128.4	113.0	5.10	4.19	4.74
YES		NO						
L0000096	0	0.34722E-02	397128.6	3767135.0	113.0	5.10	4.19	4.74
YES		NO						
L0000097	0	0.34722E-02	397122.4	3767141.6	113.0	5.10	4.19	4.74
YES		NO						
L0000098	0	0.34722E-02	397116.3	3767148.1	113.0	5.10	4.19	4.74
YES		NO						
L0000099	0	0.34722E-02	397110.1	3767154.7	113.0	5.10	4.19	4.74
YES		NO						
L0000100	0	0.34722E-02	397103.9	3767161.2	113.0	5.10	4.19	4.74
YES		NO						
L0000101	0	0.34722E-02	397097.8	3767167.8	113.0	5.10	4.19	4.74
YES		NO						
L0000102	0	0.34722E-02	397091.6	3767174.4	113.0	5.10	4.19	4.74
YES		NO						
L0000103	0	0.34722E-02	397085.5	3767180.9	113.0	5.10	4.19	4.74
YES		NO						
L0000104	0	0.34722E-02	397079.3	3767187.5	113.0	5.10	4.19	4.74
YES		NO						
L0000105	0	0.34722E-02	397073.1	3767194.1	113.0	5.10	4.19	

4.74   YES   NO
 L0000106   0   0.34722E-02 397067.0 3767200.6   113.0   5.10   4.19
4.74   YES   NO
 L0000107   0   0.34722E-02 397060.8 3767207.2   113.0   5.10   4.19
4.74   YES   NO
 L0000108   0   0.34722E-02 397054.7 3767213.7   113.0   5.10   4.19
4.74   YES   NO
 L0000109   0   0.34722E-02 397048.5 3767220.3   113.0   5.10   4.19
4.74   YES   NO
 L0000110   0   0.34722E-02 397055.1 3767223.4   113.0   5.10   4.19
4.74   YES   NO
 L0000111   0   0.34722E-02 397063.7 3767225.9   113.0   5.10   4.19
4.74   YES   NO
 L0000112   0   0.34722E-02 397071.7 3767226.3   113.0   5.10   4.19
4.74   YES   NO
 L0000113   0   0.34722E-02 397077.5 3767219.4   113.0   5.10   4.19
4.74   YES   NO
 L0000114   0   0.34722E-02 397083.3 3767212.6   113.0   5.10   4.19
4.74   YES   NO
 L0000115   0   0.34722E-02 397089.1 3767205.7   113.0   5.10   4.19
4.74   YES   NO
 L0000116   0   0.34722E-02 397094.9 3767198.8   113.0   5.10   4.19
4.74   YES   NO
 L0000117   0   0.34722E-02 397100.7 3767191.9   113.0   5.10   4.19
4.74   YES   NO
 L0000118   0   0.34722E-02 397106.5 3767185.0   113.0   5.10   4.19
4.74   YES   NO
 L0000119   0   0.34722E-02 397112.3 3767178.2   113.0   5.10   4.19
4.74   YES   NO
 L0000120   0   0.34722E-02 397118.1 3767171.3   113.0   5.10   4.19
4.74   YES   NO

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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L0000121	0	0.34722E-02	397123.9	3767164.4	113.0	5.10	4.19	4.74
YES		NO						
L0000122	0	0.34722E-02	397129.7	3767157.5	113.0	5.10	4.19	4.74
YES		NO						
L0000123	0	0.34722E-02	397135.6	3767150.6	113.0	5.10	4.19	4.74
YES		NO						
L0000124	0	0.34722E-02	397141.4	3767143.8	113.0	5.10	4.19	4.74
YES		NO						
L0000125	0	0.34722E-02	397147.2	3767136.9	113.0	5.10	4.19	4.74
YES		NO						
L0000126	0	0.34722E-02	397154.5	3767134.8	113.0	5.10	4.19	4.74
YES		NO						
L0000127	0	0.34722E-02	397163.3	3767136.9	113.0	5.10	4.19	4.74
YES		NO						
L0000128	0	0.34722E-02	397163.6	3767141.8	113.0	5.10	4.19	4.74
YES		NO						
L0000129	0	0.34722E-02	397157.8	3767148.7	113.0	5.10	4.19	4.74
YES		NO						
L0000130	0	0.34722E-02	397152.0	3767155.6	113.0	5.10	4.19	4.74
YES		NO						
L0000131	0	0.34722E-02	397146.3	3767162.5	113.0	5.10	4.19	4.74
YES		NO						
L0000132	0	0.34722E-02	397140.5	3767169.4	113.0	5.10	4.19	4.74
YES		NO						
L0000133	0	0.34722E-02	397134.7	3767176.3	113.0	5.10	4.19	4.74
YES		NO						
L0000134	0	0.34722E-02	397128.9	3767183.2	113.0	5.10	4.19	4.74
YES		NO						
L0000135	0	0.34722E-02	397123.2	3767190.1	113.0	5.10	4.19	4.74
YES		NO						
L0000136	0	0.34722E-02	397117.4	3767197.0	113.0	5.10	4.19	4.74
YES		NO						
L0000137	0	0.34722E-02	397111.6	3767203.9	113.0	5.10	4.19	4.74
YES		NO						
L0000138	0	0.34722E-02	397105.8	3767210.8	113.0	5.10	4.19	4.74
YES		NO						
L0000139	0	0.34722E-02	397100.0	3767217.7	113.0	5.10	4.19	4.74
YES		NO						
L0000140	0	0.34722E-02	397094.3	3767224.6	113.0	5.10	4.19	4.74
YES		NO						
L0000141	0	0.34722E-02	397090.7	3767230.8	113.0	5.10	4.19	4.74
YES		NO						
L0000142	0	0.34722E-02	397099.5	3767232.7	113.0	5.10	4.19	4.74
YES		NO						
L0000143	0	0.34722E-02	397108.3	3767234.7	113.0	5.10	4.19	4.74
YES		NO						
L0000144	0	0.34722E-02	397115.8	3767233.3	113.0	5.10	4.19	4.74
YES		NO						
L0000145	0	0.34722E-02	397121.2	3767226.1	113.0	5.10	4.19	

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4.74     YES                     NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                     NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                     NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                     NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
4.74     YES                     NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                     NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                     NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                     NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                     NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                     NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                     NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                     NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                     NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                     NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                     NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                     NO
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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L0000161	0	0.34722E-02	397188.3	3767164.6	113.0	5.10	4.19	4.74
YES		NO						
L0000162	0	0.34722E-02	397182.7	3767171.6	113.0	5.10	4.19	4.74
YES		NO						
L0000163	0	0.34722E-02	397177.0	3767178.6	113.0	5.10	4.19	4.74
YES		NO						
L0000164	0	0.34722E-02	397171.4	3767185.6	113.0	5.10	4.19	4.74
YES		NO						
L0000165	0	0.34722E-02	397165.7	3767192.6	113.0	5.10	4.19	4.74
YES		NO						
L0000166	0	0.34722E-02	397160.0	3767199.6	113.0	5.10	4.19	4.74
YES		NO						
L0000167	0	0.34722E-02	397154.4	3767206.6	113.0	5.10	4.19	4.74
YES		NO						
L0000168	0	0.34722E-02	397148.7	3767213.6	113.0	5.10	4.19	4.74
YES		NO						
L0000169	0	0.34722E-02	397143.1	3767220.6	113.0	5.10	4.19	4.74
YES		NO						
L0000170	0	0.34722E-02	397137.4	3767227.6	113.0	5.10	4.19	4.74
YES		NO						
L0000171	0	0.34722E-02	397131.8	3767234.6	113.0	5.10	4.19	4.74
YES		NO						
L0000172	0	0.34722E-02	397127.4	3767241.4	113.0	5.10	4.19	4.74
YES		NO						
L0000173	0	0.34722E-02	397134.6	3767246.9	113.0	5.10	4.19	4.74
YES		NO						
L0000174	0	0.34722E-02	397138.0	3767254.8	113.0	5.10	4.19	4.74
YES		NO						
L0000175	0	0.34722E-02	397142.2	3767254.1	113.0	5.10	4.19	4.74
YES		NO						
L0000176	0	0.34722E-02	397147.6	3767246.9	113.0	5.10	4.19	4.74
YES		NO						
L0000177	0	0.34722E-02	397153.0	3767239.7	113.0	5.10	4.19	4.74
YES		NO						
L0000178	0	0.34722E-02	397158.4	3767232.5	113.0	5.10	4.19	4.74
YES		NO						
L0000179	0	0.34722E-02	397163.8	3767225.3	113.0	5.10	4.19	4.74
YES		NO						
L0000180	0	0.34722E-02	397169.2	3767218.1	113.0	5.10	4.19	4.74
YES		NO						
L0000181	0	0.34722E-02	397174.6	3767210.9	113.0	5.10	4.19	4.74
YES		NO						
L0000182	0	0.34722E-02	397180.0	3767203.7	113.0	5.10	4.19	4.74
YES		NO						
L0000183	0	0.34722E-02	397185.4	3767196.5	113.0	5.10	4.19	4.74
YES		NO						
L0000184	0	0.34722E-02	397190.8	3767189.4	113.0	5.10	4.19	4.74
YES		NO						
L0000185	0	0.34722E-02	397196.3	3767182.2	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE   8
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0000201	0	0.34722E-02	397184.8	3767223.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000202	0	0.34722E-02	397178.9	3767230.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000203	0	0.34722E-02	397173.1	3767237.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000204	0	0.34722E-02	397167.2	3767244.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000205	0	0.34722E-02	397161.4	3767250.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000206	0	0.34722E-02	397155.5	3767257.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000207	0	0.34722E-02	397150.7	3767264.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000208	0	0.34722E-02	397157.1	3767270.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000209	0	0.34722E-02	397163.4	3767277.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000210	0	0.34722E-02	397169.2	3767275.4	113.0	5.10	4.19	
4.74	YES		NO					
L0000211	0	0.34722E-02	397174.8	3767268.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000212	0	0.34722E-02	397180.3	3767261.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000213	0	0.34722E-02	397185.9	3767254.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000214	0	0.34722E-02	397191.4	3767247.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000215	0	0.34722E-02	397197.0	3767239.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000216	0	0.34722E-02	397202.5	3767232.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000217	0	0.34722E-02	397208.1	3767225.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000218	0	0.34722E-02	397213.6	3767218.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000219	0	0.34722E-02	397219.2	3767211.6	113.0	5.10	4.19	
4.74	YES		NO					
L0000220	0	0.34722E-02	397224.7	3767204.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000221	0	0.34722E-02	397230.3	3767197.4	113.0	5.10	4.19	
4.74	YES		NO					
L0000222	0	0.34722E-02	397235.8	3767190.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000223	0	0.34722E-02	397241.4	3767183.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000224	0	0.34722E-02	397246.9	3767176.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000225	0	0.34722E-02	397252.5	3767169.1	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000241         0   0.34722E-02  397209.2 3767247.5   113.0     5.10     4.19
4.74     YES                  NO
 L0000242         0   0.34722E-02  397203.4 3767254.3   113.0     5.10     4.19
4.74     YES                  NO
 L0000243         0   0.34722E-02  397197.5 3767261.2   113.0     5.10     4.19
4.74     YES                  NO
 L0000244         0   0.34722E-02  397191.7 3767268.0   113.0     5.10     4.19
4.74     YES                  NO
 L0000245         0   0.34722E-02  397185.8 3767274.9   113.0     5.10     4.19
4.74     YES                  NO
 L0000246         0   0.34722E-02  397180.0 3767281.7   113.0     5.10     4.19
4.74     YES                  NO
 L0000247         0   0.34722E-02  397174.1 3767288.5   113.0     5.10     4.19
4.74     YES                  NO
 L0000248         0   0.34722E-02  397181.8 3767292.9   113.0     5.10     4.19
4.74     YES                  NO
 L0000249         0   0.34722E-02  397189.6 3767297.3   113.0     5.10     4.19
4.74     YES                  NO
 L0000250         0   0.34722E-02  397198.0 3767300.6   113.0     5.10     4.19
4.74     YES                  NO
 L0000251         0   0.34722E-02  397203.8 3767294.6   113.0     5.10     4.19
4.74     YES                  NO
 L0000252         0   0.34722E-02  397209.3 3767287.5   113.0     5.10     4.19
4.74     YES                  NO
 L0000253         0   0.34722E-02  397214.8 3767280.4   113.0     5.10     4.19
4.74     YES                  NO
 L0000254         0   0.34722E-02  397220.3 3767273.2   113.0     5.10     4.19
4.74     YES                  NO
 L0000255         0   0.34722E-02  397225.8 3767266.1   113.0     5.10     4.19
4.74     YES                  NO
 L0000256         0   0.34722E-02  397231.2 3767259.0   113.0     5.10     4.19
4.74     YES                  NO
 L0000257         0   0.34722E-02  397236.7 3767251.8   113.0     5.10     4.19
4.74     YES                  NO
 L0000258         0   0.34722E-02  397242.2 3767244.7   113.0     5.10     4.19
4.74     YES                  NO
 L0000259         0   0.34722E-02  397247.7 3767237.6   113.0     5.10     4.19
4.74     YES                  NO
 L0000260         0   0.34722E-02  397253.2 3767230.4   113.0     5.10     4.19
4.74     YES                  NO
 L0000261         0   0.34722E-02  397258.7 3767223.3   113.0     5.10     4.19
4.74     YES                  NO
 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                  NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                  NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                  NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
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4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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                       ***        16:13:40

                                  PAGE  10
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
```

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

  GENERATO   EG01   , EG02   , EG03   , EG04   , EG05   ,
EG06   , EG07   , EG08   ,

             EG09   , EG10   , EG11   , EG12   , EG13   ,
EG14   , EG15   , EG16   ,

             EG17   , EG18   , EG19   , EG20   , EG21   ,
EG22   , EG23   , EG24   ,

  AREA   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   ,

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L0000022   , L0000023   , L0000024   ,

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L0000062    , L0000063    , L0000064    ,

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L0000134    , L0000135    , L0000136    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       16:13:40

                                   PAGE  12
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,
	L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,
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	L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
	L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
	L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 ,	
EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,	
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↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       16:13:40

                                   PAGE  14
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 ,
		EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,
		L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
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L0000134   , L0000135   , L0000136   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs

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L0000142    , L0000143    , L0000144    ,

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L0000246    , L0000247    , L0000248    ,

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L0000262    , L0000263    , L0000264    ,
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

SOURCE ID: EG01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-85.5,	-116.3,	2	12.8,	270.0,	223.9,	-82.6,	-112.3,
3	12.8,	247.8,	251.8,	-77.2,	-105.0,	4	12.8,	218.1,	272.0,	-69.4,	-94.4,
5	12.8,	181.7,	283.9,	-59.5,	-81.0,	6	12.8,	139.9,	287.3,	-47.9,	-65.1,
7	12.8,	93.7,	281.9,	-34.7,	-47.3,	8	12.8,	103.9,	285.9,	-29.4,	-31.6,
9	12.8,	148.8,	289.4,	-28.0,	-11.5,	10	12.8,	189.2,	284.0,	-25.7,	9.1,
11	12.8,	223.9,	270.0,	-22.7,	29.3,	12	12.8,	251.8,	247.8,	-18.9,	48.7,
13	12.8,	272.0,	218.1,	-14.6,	66.6,	14	12.8,	283.9,	181.7,	-9.9,	82.4,
15	12.8,	287.3,	139.9,	-4.8,	95.8,	16	12.8,	281.9,	93.7,	0.4,	106.2,
17	12.8,	285.9,	103.9,	-20.3,	113.5,	18	12.8,	289.4,	148.8,	-62.9,	116.7,
19	12.8,	284.0,	189.2,	-103.7,	116.3,	20	12.8,	270.0,	223.9,	-141.3,	112.3,
21	12.8,	247.8,	251.8,	-174.6,	105.0,	22	12.8,	218.1,	272.0,	-202.6,	94.4,
23	12.8,	181.7,	283.9,	-224.4,	81.0,	24	12.8,	139.9,	287.3,	-239.4,	65.1,
25	12.8,	93.7,	281.9,	-247.2,	47.3,	26	12.8,	103.9,	285.9,	-256.5,	31.6,

```
   27   12.8,  148.8,  289.4, -261.4,   11.5,     28   12.8,  189.2,  284.0,
-258.3,   -9.1,
   29   12.8,  223.9,  270.0, -247.3,  -29.3,     30   12.8,  251.8,  247.8,
-228.9,  -48.7,
   31   12.8,  272.0,  218.1, -203.5,  -66.6,     32   12.8,  283.9,  181.7,
-171.9,  -82.4,
   33   12.8,  287.3,  139.9, -135.1,  -95.8,     34   12.8,  281.9,   93.7,
-94.1, -106.2,
   35   12.8,  285.9,  103.9,  -83.6, -113.5,     36   12.8,  289.4,  148.8,
-85.9, -116.7,


 SOURCE ID: EG02
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -90.9, -105.3,      2   12.8,  270.0,  223.9,
-89.8, -102.5,
    3   12.8,  247.8,  251.8,  -85.9,  -96.5,      4   12.8,  218.1,  272.0,
-79.5,  -87.6,
    5   12.8,  181.7,  283.9,  -70.6,  -76.0,      6   12.8,  139.9,  287.3,
-59.6,  -62.2,
    7   12.8,   93.7,  281.9,  -46.8,  -46.4,      8   12.8,  103.9,  285.9,
-41.5,  -32.9,
    9   12.8,  148.8,  289.4,  -39.7,  -14.8,     10   12.8,  189.2,  284.0,
-36.6,    3.8,
   11   12.8,  223.9,  270.0,  -32.5,   22.2,     12   12.8,  251.8,  247.8,
-27.4,   39.9,
   13   12.8,  272.0,  218.1,  -21.4,   56.5,     14   12.8,  283.9,  181.7,
-14.8,   71.3,
   15   12.8,  287.3,  139.9,   -7.8,   84.0,     16   12.8,  281.9,   93.7,
-0.5,   94.1,
   17   12.8,  285.9,  103.9,  -19.0,  101.5,     18   12.8,  289.4,  148.8,
-59.6,  105.0,
   19   12.8,  284.0,  189.2,  -98.4,  105.3,     20   12.8,  270.0,  223.9,
-134.1,  102.5,
   21   12.8,  247.8,  251.8, -165.8,   96.5,     22   12.8,  218.1,  272.0,
-192.5,   87.6,
   23   12.8,  181.7,  283.9, -213.3,   76.0,     24   12.8,  139.9,  287.3,
-227.6,   62.2,
   25   12.8,   93.7,  281.9, -235.0,   46.4,     26   12.8,  103.9,  285.9,
-244.4,   32.9,
   27   12.8,  148.8,  289.4, -249.7,   14.8,     28   12.8,  189.2,  284.0,
-247.4,   -3.8,
   29   12.8,  223.9,  270.0, -237.5,  -22.2,     30   12.8,  251.8,  247.8,
-220.4,  -39.9,
   31   12.8,  272.0,  218.1, -196.7,  -56.5,     32   12.8,  283.9,  181.7,
-166.9,  -71.3,
   33   12.8,  287.3,  139.9, -132.1,  -84.0,     34   12.8,  281.9,   93.7,
-93.3,  -94.1,
   35   12.8,  285.9,  103.9,  -84.8, -101.5,     36   12.8,  289.4,  148.8,
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-89.2, -105.0,

SOURCE ID: EG03

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-93.2,	-98.8,	2	12.8,	270.0,	223.9,	-93.2,	-96.5,
3	12.8,	247.8,	251.8,	-90.4,	-91.2,	4	12.8,	218.1,	272.0,	-84.8,	-83.2,
5	12.8,	181.7,	283.9,	-76.6,	-72.6,	6	12.8,	139.9,	287.3,	-66.2,	-59.8,
7	12.8,	93.7,	281.9,	-53.7,	-45.2,	8	12.8,	103.9,	285.9,	-48.4,	-32.9,
9	12.8,	148.8,	289.4,	-46.5,	-16.0,	10	12.8,	189.2,	284.0,	-43.2,	1.4,
11	12.8,	223.9,	270.0,	-38.5,	18.7,	12	12.8,	251.8,	247.8,	-32.7,	35.5,
13	12.8,	272.0,	218.1,	-25.9,	51.2,	14	12.8,	283.9,	181.7,	-18.3,	65.3,
15	12.8,	287.3,	139.9,	-10.1,	77.5,	16	12.8,	281.9,	93.7,	-1.7,	87.3,
17	12.8,	285.9,	103.9,	-19.0,	94.5,	18	12.8,	289.4,	148.8,	-58.4,	98.2,
19	12.8,	284.0,	189.2,	-96.0,	98.8,	20	12.8,	270.0,	223.9,	-130.7,	96.5,
21	12.8,	247.8,	251.8,	-161.4,	91.2,	22	12.8,	218.1,	272.0,	-187.2,	83.2,
23	12.8,	181.7,	283.9,	-207.3,	72.6,	24	12.8,	139.9,	287.3,	-221.1,	59.8,
25	12.8,	93.7,	281.9,	-228.2,	45.2,	26	12.8,	103.9,	285.9,	-237.5,	32.9,
27	12.8,	148.8,	289.4,	-242.9,	16.0,	28	12.8,	189.2,	284.0,	-240.8,	-1.4,
29	12.8,	223.9,	270.0,	-231.5,	-18.7,	30	12.8,	251.8,	247.8,	-215.1,	-35.5,
31	12.8,	272.0,	218.1,	-192.2,	-51.2,	32	12.8,	283.9,	181.7,	-163.5,	-65.3,
33	12.8,	287.3,	139.9,	-129.7,	-77.5,	34	12.8,	281.9,	93.7,	-92.1,	-87.3,
35	12.8,	285.9,	103.9,	-84.8,	-94.5,	36	12.8,	289.4,	148.8,	-90.4,	-98.2,

SOURCE ID: EG04

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-98.5,	-88.1,	2	12.8,	270.0,	223.9,	-100.3,	-86.9,
3	12.8,	247.8,	251.8,	-99.0,	-83.0,	4	12.8,	218.1,	272.0,		

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-94.7,  -76.5,
    5   12.8,  181.7,  283.9,  -87.5,  -67.8,      6   12.8,  139.9,  287.3,
-77.7,  -57.0,
    7   12.8,   93.7,  281.9,  -65.5,  -44.4,      8   12.8,  103.9,  285.9,
-60.3,  -34.2,
    9   12.8,  148.8,  289.4,  -57.9,  -19.3,     10   12.8,  189.2,  284.0,
-53.9,   -3.9,
   11   12.8,  223.9,  270.0,  -48.1,   11.7,     12   12.8,  251.8,  247.8,
-40.9,   26.9,
   13   12.8,  272.0,  218.1,  -32.5,   41.3,     14   12.8,  283.9,  181.7,
-23.1,   54.4,
   15   12.8,  287.3,  139.9,  -13.0,   65.9,     16   12.8,  281.9,   93.7,
-2.4,   75.4,
   17   12.8,  285.9,  103.9,  -17.8,   82.7,     18   12.8,  289.4,  148.8,
-55.1,   86.7,
   19   12.8,  284.0,  189.2,  -90.7,   88.1,     20   12.8,  270.0,  223.9,
-123.6,   86.9,
   21   12.8,  247.8,  251.8, -152.8,   83.0,     22   12.8,  218.1,  272.0,
-177.3,   76.5,
   23   12.8,  181.7,  283.9, -196.4,   67.8,     24   12.8,  139.9,  287.3,
-209.5,   57.0,
   25   12.8,   93.7,  281.9, -216.3,   44.4,     26   12.8,  103.9,  285.9,
-225.7,   34.2,
   27   12.8,  148.8,  289.4, -231.4,   19.3,     28   12.8,  189.2,  284.0,
-230.1,    3.9,
   29   12.8,  223.9,  270.0, -221.9,  -11.7,     30   12.8,  251.8,  247.8,
-206.9,  -26.9,
   31   12.8,  272.0,  218.1, -185.6,  -41.3,     32   12.8,  283.9,  181.7,
-158.6,  -54.4,
   33   12.8,  287.3,  139.9, -126.9,  -65.9,     34   12.8,  281.9,   93.7,
-91.3,  -75.4,
   35   12.8,  285.9,  103.9,  -86.1,  -82.7,     36   12.8,  289.4,  148.8,
-93.7,  -86.7,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG05
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -100.9,  -82.4,      2   12.8,  270.0,  223.9,
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-103.7, -81.6,
    3   12.8, 247.8, 251.8, -103.2, -78.4,   4   12.8, 218.1, 272.0,
-99.7, -72.8,
    5   12.8, 181.7, 283.9, -93.1, -64.9,   6   12.8, 139.9, 287.3,
-83.7, -55.1,
    7   12.8,   93.7, 281.9, -71.8, -43.6,   8   12.8, 103.9, 285.9,
-66.5, -34.5,
    9   12.8, 148.8, 289.4, -64.0, -20.7,   10   12.8, 189.2, 284.0,
-59.6,   -6.3,
   11   12.8, 223.9, 270.0, -53.4,   8.3,   12   12.8, 251.8, 247.8,
-45.5,   22.6,
   13   12.8, 272.0, 218.1, -36.3,   36.3,   14   12.8, 283.9, 181.7,
-25.9,   48.9,
   15   12.8, 287.3, 139.9, -14.8,   59.9,   16   12.8, 281.9,   93.7,
-3.2,   69.2,
   17   12.8, 285.9, 103.9, -17.4,   76.5,   18   12.8, 289.4, 148.8,
-53.7,   80.6,
   19   12.8, 284.0, 189.2, -88.3,   82.4,   20   12.8, 270.0, 223.9,
-120.2,   81.6,
   21   12.8, 247.8, 251.8, -148.5,   78.4,   22   12.8, 218.1, 272.0,
-172.3,   72.8,
   23   12.8, 181.7, 283.9, -190.8,   64.9,   24   12.8, 139.9, 287.3,
-203.6,   55.1,
   25   12.8,   93.7, 281.9, -210.1,   43.6,   26   12.8, 103.9, 285.9,
-219.4,   34.5,
   27   12.8, 148.8, 289.4, -225.3,   20.7,   28   12.8, 189.2, 284.0,
-224.4,   6.3,
   29   12.8, 223.9, 270.0, -216.6,   -8.3,   30   12.8, 251.8, 247.8,
-202.3, -22.6,
   31   12.8, 272.0, 218.1, -181.8, -36.3,   32   12.8, 283.9, 181.7,
-155.8, -48.9,
   33   12.8, 287.3, 139.9, -125.0, -59.9,   34   12.8, 281.9,   93.7,
-90.5, -69.2,
   35   12.8, 285.9, 103.9, -86.4, -76.5,   36   12.8, 289.4, 148.8,
-95.1, -80.6,

 SOURCE ID: EG06
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -106.4, -71.1,   2   12.8, 270.0, 223.9,
-111.0, -71.5,
    3   12.8, 247.8, 251.8, -112.2, -69.6,   4   12.8, 218.1, 272.0,
-110.1, -65.7,
    5   12.8, 181.7, 283.9, -104.5, -59.8,   6   12.8, 139.9, 287.3,
-95.8, -52.0,
    7   12.8,   93.7, 281.9, -84.2, -42.7,   8   12.8, 103.9, 285.9,
-79.0, -35.8,
    9   12.8, 148.8, 289.4, -76.1, -24.1,   10   12.8, 189.2, 284.0,
-70.9, -11.8,

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   11   12.8,  223.9,  270.0,  -63.5,    1.0,     12   12.8,  251.8,  247.8,
-54.2,   13.7,
   13   12.8,  272.0,  218.1,  -43.3,   25.9,     14   12.8,  283.9,  181.7,
-31.1,   37.4,
   15   12.8,  287.3,  139.9,  -17.9,   47.8,     16   12.8,  281.9,   93.7,
-4.1,   56.7,
   17   12.8,  285.9,  103.9,  -16.2,   64.0,     18   12.8,  289.4,  148.8,
-50.3,   68.6,
   19   12.8,  284.0,  189.2,  -82.8,   71.1,     20   12.8,  270.0,  223.9,
-112.9,   71.5,
   21   12.8,  247.8,  251.8, -139.6,   69.6,     22   12.8,  218.1,  272.0,
-161.9,   65.7,
   23   12.8,  181.7,  283.9, -179.4,   59.8,     24   12.8,  139.9,  287.3,
-191.4,   52.0,
   25   12.8,   93.7,  281.9, -197.6,   42.7,     26   12.8,  103.9,  285.9,
-207.0,   35.8,
   27   12.8,  148.8,  289.4, -213.3,   24.1,     28   12.8,  189.2,  284.0,
-213.1,   11.8,
   29   12.8,  223.9,  270.0, -206.5,   -1.0,     30   12.8,  251.8,  247.8,
-193.6,  -13.7,
   31   12.8,  272.0,  218.1, -174.8,  -25.9,     32   12.8,  283.9,  181.7,
-150.7,  -37.4,
   33   12.8,  287.3,  139.9, -122.0,  -47.8,     34   12.8,  281.9,   93.7,
-89.6,  -56.7,
   35   12.8,  285.9,  103.9,  -87.7,  -64.0,     36   12.8,  289.4,  148.8,
-98.5,  -68.6,


 SOURCE ID: EG07
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -109.0,  -65.8,      2   12.8,  270.0,  223.9,
-114.5,  -66.7,
    3   12.8,  247.8,  251.8, -116.5,  -65.6,      4   12.8,  218.1,  272.0,
-115.0,  -62.5,
    5   12.8,  181.7,  283.9, -110.0,  -57.4,      6   12.8,  139.9,  287.3,
-101.6,  -50.7,
    7   12.8,   93.7,  281.9,  -90.1,  -42.4,      8   12.8,  103.9,  285.9,
-84.8,  -36.4,
    9   12.8,  148.8,  289.4,  -81.8,  -25.8,     10   12.8,  189.2,  284.0,
-76.2,  -14.4,
   11   12.8,  223.9,  270.0,  -68.3,   -2.6,     12   12.8,  251.8,  247.8,
-58.3,    9.4,
   13   12.8,  272.0,  218.1,  -46.6,   21.0,     14   12.8,  283.9,  181.7,
-33.4,   32.0,
   15   12.8,  287.3,  139.9,  -19.3,   42.0,     16   12.8,  281.9,   93.7,
-4.5,   50.8,
   17   12.8,  285.9,  103.9,  -15.5,   58.1,     18   12.8,  289.4,  148.8,
-48.6,   62.9,
   19   12.8,  284.0,  189.2,  -80.2,   65.8,     20   12.8,  270.0,  223.9,
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-109.4,   66.7,
   21   12.8, 247.8, 251.8, -135.3,   65.6,   22   12.8, 218.1, 272.0,
-157.0,   62.5,
   23   12.8, 181.7, 283.9, -174.0,   57.4,   24   12.8, 139.9, 287.3,
-185.7,   50.7,
   25   12.8,   93.7, 281.9, -191.7,   42.4,   26   12.8, 103.9, 285.9,
-201.1,   36.4,
   27   12.8, 148.8, 289.4, -207.6,   25.8,   28   12.8, 189.2, 284.0,
-207.8,   14.4,
   29   12.8, 223.9, 270.0, -201.7,   2.6,   30   12.8, 251.8, 247.8,
-189.5,   -9.4,
   31   12.8, 272.0, 218.1, -171.5, -21.0,   32   12.8, 283.9, 181.7,
-148.3, -32.0,
   33   12.8, 287.3, 139.9, -120.6, -42.0,   34   12.8, 281.9,   93.7,
-89.2, -50.8,
   35   12.8, 285.9, 103.9, -88.4, -58.1,   36   12.8, 289.4, 148.8,
-100.2, -62.9,

 SOURCE ID: EG08
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -114.4, -54.9,   2   12.8, 270.0, 223.9,
-121.7, -56.9,
    3   12.8, 247.8, 251.8, -125.3, -57.2,   4   12.8, 218.1, 272.0,
-125.1, -55.7,
    5   12.8, 181.7, 283.9, -121.1, -52.5,   6   12.8, 139.9, 287.3,
-113.4, -47.8,
    7   12.8,   93.7, 281.9, -102.2, -41.5,   8   12.8, 103.9, 285.9,
-96.9, -37.7,
    9   12.8, 148.8, 289.4, -93.4, -29.2,   10   12.8, 189.2, 284.0,
-87.1, -19.8,
   11   12.8, 223.9, 270.0, -78.1,   -9.7,   12   12.8, 251.8, 247.8,
-66.7,   0.6,
   13   12.8, 272.0, 218.1, -53.3,   10.9,   14   12.8, 283.9, 181.7,
-38.3,   20.9,
   15   12.8, 287.3, 139.9, -22.2,   30.2,   16   12.8, 281.9,   93.7,
-5.3,   38.7,
   17   12.8, 285.9, 103.9, -14.2,   46.0,   18   12.8, 289.4, 148.8,
-45.2,   51.3,
   19   12.8, 284.0, 189.2, -74.9,   54.9,   20   12.8, 270.0, 223.9,
-102.2,   56.9,
   21   12.8, 247.8, 251.8, -126.5,   57.2,   22   12.8, 218.1, 272.0,
-146.9,   55.7,
   23   12.8, 181.7, 283.9, -162.9,   52.5,   24   12.8, 139.9, 287.3,
-173.9,   47.8,
   25   12.8,   93.7, 281.9, -179.6,   41.5,   26   12.8, 103.9, 285.9,
-189.0,   37.7,
   27   12.8, 148.8, 289.4, -196.0,   29.2,   28   12.8, 189.2, 284.0,
-196.9,   19.8,

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   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  19
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG09
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -116.3,  -50.2,      2   12.8,  270.0,  223.9,
-124.4,  -52.6,
    3   12.8,  247.8,  251.8, -128.7,  -53.4,      4   12.8,  218.1,  272.0,
-129.1,  -52.6,
    5   12.8,  181.7,  283.9, -125.6,  -50.2,      6   12.8,  139.9,  287.3,
-118.2,  -46.2,
    7   12.8,   93.7,  281.9, -107.3,  -40.9,      8   12.8,  103.9,  285.9,
-102.0,  -38.0,
    9   12.8,  148.8,  289.4,  -98.4,  -30.3,     10   12.8,  189.2,  284.0,
-91.8,  -21.7,
   11   12.8,  223.9,  270.0,  -82.4,  -12.4,     12   12.8,  251.8,  247.8,
-70.5,   -2.8,
   13   12.8,  272.0,  218.1,  -56.4,    6.9,     14   12.8,  283.9,  181.7,
-40.7,   16.4,
   15   12.8,  287.3,  139.9,  -23.7,   25.4,     16   12.8,  281.9,   93.7,
-6.0,   33.7,
   17   12.8,  285.9,  103.9,  -14.0,   41.0,     18   12.8,  289.4,  148.8,
-44.1,   46.3,
   19   12.8,  284.0,  189.2,  -72.9,   50.2,     20   12.8,  270.0,  223.9,
-99.5,   52.6,
   21   12.8,  247.8,  251.8, -123.1,   53.4,     22   12.8,  218.1,  272.0,
-142.9,   52.6,
   23   12.8,  181.7,  283.9, -158.4,   50.2,     24   12.8,  139.9,  287.3,
-169.1,   46.2,
   25   12.8,   93.7,  281.9, -174.6,   40.9,     26   12.8,  103.9,  285.9,
-184.0,   38.0,
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   27   12.8,  148.8,  289.4, -191.0,   30.3,     28   12.8,  189.2,  284.0,
-192.2,   21.7,
   29   12.8,  223.9,  270.0, -187.6,   12.4,     30   12.8,  251.8,  247.8,
-177.3,    2.8,
   31   12.8,  272.0,  218.1, -161.7,   -6.9,     32   12.8,  283.9,  181.7,
-141.1,  -16.4,
   33   12.8,  287.3,  139.9, -116.2,  -25.4,     34   12.8,  281.9,   93.7,
-87.8,  -33.7,
   35   12.8,  285.9,  103.9,  -89.9,  -41.0,     36   12.8,  289.4,  148.8,
-104.7,  -46.3,


 SOURCE ID: EG10
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -121.6,  -37.6,      2   12.8,  270.0,  223.9,
-131.8,  -41.2,
    3   12.8,  247.8,  251.8, -138.0,  -43.4,      4   12.8,  218.1,  272.0,
-140.0,  -44.3,
    5   12.8,  181.7,  283.9, -137.7,  -43.9,      6   12.8,  139.9,  287.3,
-131.2,  -42.2,
    7   12.8,   93.7,  281.9, -120.8,  -39.2,      8   12.8,  103.9,  285.9,
-115.6,  -38.6,
    9   12.8,  148.8,  289.4, -111.7,  -33.3,     10   12.8,  189.2,  284.0,
-104.3,  -27.0,
   11   12.8,  223.9,  270.0,  -93.8,  -19.8,     12   12.8,  251.8,  247.8,
-80.5,  -12.1,
   13   12.8,  272.0,  218.1,  -64.7,   -3.9,     14   12.8,  283.9,  181.7,
-46.9,    4.3,
   15   12.8,  287.3,  139.9,  -27.7,   12.4,     16   12.8,  281.9,   93.7,
-7.7,   20.1,
   17   12.8,  285.9,  103.9,  -13.3,   27.4,     18   12.8,  289.4,  148.8,
-41.1,   33.0,
   19   12.8,  284.0,  189.2,  -67.6,   37.6,     20   12.8,  270.0,  223.9,
-92.1,   41.2,
   21   12.8,  247.8,  251.8, -113.8,   43.4,     22   12.8,  218.1,  272.0,
-132.0,   44.3,
   23   12.8,  181.7,  283.9, -146.3,   43.9,     24   12.8,  139.9,  287.3,
-156.0,   42.2,
   25   12.8,   93.7,  281.9, -161.1,   39.2,     26   12.8,  103.9,  285.9,
-170.3,   38.6,
   27   12.8,  148.8,  289.4, -177.7,   33.3,     28   12.8,  189.2,  284.0,
-179.7,   27.0,
   29   12.8,  223.9,  270.0, -176.2,   19.8,     30   12.8,  251.8,  247.8,
-167.3,   12.1,
   31   12.8,  272.0,  218.1, -153.4,    3.9,     32   12.8,  283.9,  181.7,
-134.8,   -4.3,
   33   12.8,  287.3,  139.9, -112.1,  -12.4,     34   12.8,  281.9,   93.7,
-86.0,  -20.1,
   35   12.8,  285.9,  103.9,  -90.5,  -27.4,     36   12.8,  289.4,  148.8,
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-107.7, -33.0,

SOURCE ID: EG11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-124.9,	-31.7,	2	12.8,	270.0,	223.9,	-136.1,	-35.9,
3	12.8,	247.8,	251.8,	-143.1,	-39.0,	4	12.8,	218.1,	272.0,	-145.8,	-40.9,
5	12.8,	181.7,	283.9,	-144.1,	-41.5,	6	12.8,	139.9,	287.3,	-137.9,	-40.9,
7	12.8,	93.7,	281.9,	-127.6,	-39.1,	8	12.8,	103.9,	285.9,	-122.3,	-39.7,
9	12.8,	148.8,	289.4,	-118.1,	-35.5,	10	12.8,	189.2,	284.0,	-110.3,	-30.3,
11	12.8,	223.9,	270.0,	-99.1,	-24.1,	12	12.8,	251.8,	247.8,	-84.9,	-17.2,
13	12.8,	272.0,	218.1,	-68.2,	-9.8,	14	12.8,	283.9,	181.7,	-49.3,	-2.1,
15	12.8,	287.3,	139.9,	-29.0,	5.7,	16	12.8,	281.9,	93.7,	-7.8,	13.3,
17	12.8,	285.9,	103.9,	-12.2,	20.6,	18	12.8,	289.4,	148.8,	-38.9,	26.6,
19	12.8,	284.0,	189.2,	-64.3,	31.7,	20	12.8,	270.0,	223.9,	-87.8,	35.9,
21	12.8,	247.8,	251.8,	-108.7,	39.0,	22	12.8,	218.1,	272.0,	-126.2,	40.9,
23	12.8,	181.7,	283.9,	-139.9,	41.5,	24	12.8,	139.9,	287.3,	-149.3,	40.9,
25	12.8,	93.7,	281.9,	-154.2,	39.1,	26	12.8,	103.9,	285.9,	-163.6,	39.7,
27	12.8,	148.8,	289.4,	-171.3,	35.5,	28	12.8,	189.2,	284.0,	-173.7,	30.3,
29	12.8,	223.9,	270.0,	-170.9,	24.1,	30	12.8,	251.8,	247.8,	-162.9,	17.2,
31	12.8,	272.0,	218.1,	-149.9,	9.8,	32	12.8,	283.9,	181.7,	-132.4,	2.1,
33	12.8,	287.3,	139.9,	-110.8,	-5.7,	34	12.8,	281.9,	93.7,	-85.9,	-13.3,
35	12.8,	285.9,	103.9,	-91.6,	-20.6,	36	12.8,	289.4,	148.8,	-110.0,	-26.6,

SOURCE ID: EG12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-130.1,	-21.4,	2	12.8,	270.0,	223.9,	-143.0,	-26.7,
3	12.8,	247.8,	251.8,	-151.5,	-31.1,	4	12.8,	218.1,	272.0,		

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-155.4,  -34.6,
    5   12.8,  181.7,  283.9, -154.6,  -37.0,      6   12.8,  139.9,  287.3,
-149.1,  -38.3,
    7   12.8,   93.7,  281.9, -139.1,  -38.4,      8   12.8,  103.9,  285.9,
-133.8,  -41.1,
    9   12.8,  148.8,  289.4, -129.1,  -38.9,     10   12.8,  189.2,  284.0,
-120.6,  -35.5,
   11   12.8,  223.9,  270.0, -108.3,  -31.0,     12   12.8,  251.8,  247.8,
-92.8,  -25.6,
   13   12.8,  272.0,  218.1,  -74.5,  -19.4,     14   12.8,  283.9,  181.7,
-53.9,  -12.7,
   15   12.8,  287.3,  139.9,  -31.6,   -5.5,     16   12.8,  281.9,   93.7,
-8.4,    1.8,
   17   12.8,  285.9,  103.9,  -10.9,    9.2,     18   12.8,  289.4,  148.8,
-35.5,   15.6,
   19   12.8,  284.0,  189.2,  -59.1,   21.4,     20   12.8,  270.0,  223.9,
-80.9,   26.7,
   21   12.8,  247.8,  251.8, -100.3,   31.1,     22   12.8,  218.1,  272.0,
-116.6,   34.6,
   23   12.8,  181.7,  283.9, -129.3,   37.0,     24   12.8,  139.9,  287.3,
-138.1,   38.3,
   25   12.8,   93.7,  281.9, -142.8,   38.4,     26   12.8,  103.9,  285.9,
-152.2,   41.1,
   27   12.8,  148.8,  289.4, -160.2,   38.9,     28   12.8,  189.2,  284.0,
-163.4,   35.5,
   29   12.8,  223.9,  270.0, -161.7,   31.0,     30   12.8,  251.8,  247.8,
-155.0,   25.6,
   31   12.8,  272.0,  218.1, -143.6,   19.4,     32   12.8,  283.9,  181.7,
-127.8,   12.7,
   33   12.8,  287.3,  139.9, -108.2,    5.5,     34   12.8,  281.9,   93.7,
-85.3,   -1.8,
   35   12.8,  285.9,  103.9,  -93.0,   -9.2,     36   12.8,  289.4,  148.8,
-113.3,  -15.6,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  20
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG13
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -132.6,  -15.5,      2   12.8,  270.0,  223.9,
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-146.5,  -21.2,
    3   12.8,  247.8,  251.8, -155.9,  -26.4,      4   12.8,  218.1,  272.0,
-160.6,  -30.7,
    5   12.8,  181.7,  283.9, -160.4,  -34.0,      6   12.8,  139.9,  287.3,
-155.3,  -36.4,
    7   12.8,   93.7,  281.9, -145.5,  -37.6,      8   12.8,  103.9,  285.9,
-140.2,  -41.4,
    9   12.8,  148.8,  289.4, -135.4,  -40.3,     10   12.8,  189.2,  284.0,
-126.5,  -38.0,
   11   12.8,  223.9,  270.0, -113.8,  -34.5,     12   12.8,  251.8,  247.8,
-97.5,  -30.0,
   13   12.8,  272.0,  218.1,  -78.4,  -24.6,     14   12.8,  283.9,  181.7,
-56.8,  -18.4,
   15   12.8,  287.3,  139.9,  -33.5,  -11.7,     16   12.8,  281.9,   93.7,
-9.2,   -4.6,
   17   12.8,  285.9,  103.9,  -10.6,    2.8,     18   12.8,  289.4,  148.8,
-34.1,    9.3,
   19   12.8,  284.0,  189.2,  -56.6,   15.5,     20   12.8,  270.0,  223.9,
-77.4,   21.2,
   21   12.8,  247.8,  251.8,  -95.9,   26.4,     22   12.8,  218.1,  272.0,
-111.4,   30.7,
   23   12.8,  181.7,  283.9, -123.6,   34.0,     24   12.8,  139.9,  287.3,
-132.0,   36.4,
   25   12.8,   93.7,  281.9, -136.4,   37.6,     26   12.8,  103.9,  285.9,
-145.7,   41.4,
   27   12.8,  148.8,  289.4, -154.0,   40.3,     28   12.8,  189.2,  284.0,
-157.5,   38.0,
   29   12.8,  223.9,  270.0, -156.2,   34.5,     30   12.8,  251.8,  247.8,
-150.3,   30.0,
   31   12.8,  272.0,  218.1, -139.7,   24.6,     32   12.8,  283.9,  181.7,
-124.9,   18.4,
   33   12.8,  287.3,  139.9, -106.3,   11.7,     34   12.8,  281.9,   93.7,
-84.5,    4.6,
   35   12.8,  285.9,  103.9,  -93.3,   -2.8,     36   12.8,  289.4,  148.8,
-114.7,   -9.3,


 SOURCE ID: EG14
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -137.7,   -4.3,      2   12.8,  270.0,  223.9,
-153.4,  -11.1,
    3   12.8,  247.8,  251.8, -164.5,  -17.6,      4   12.8,  218.1,  272.0,
-170.6,  -23.5,
    5   12.8,  181.7,  283.9, -171.5,  -28.8,      6   12.8,  139.9,  287.3,
-167.1,  -33.1,
    7   12.8,   93.7,  281.9, -157.7,  -36.4,      8   12.8,  103.9,  285.9,
-152.5,  -42.3,
    9   12.8,  148.8,  289.4, -147.3,  -43.4,     10   12.8,  189.2,  284.0,
-137.7,  -43.1,
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   11   12.8,  223.9,  270.0, -123.9,  -41.5,     12   12.8,  251.8,  247.8,
-106.3,  -38.6,
   13   12.8,  272.0,  218.1,  -85.5,  -34.6,     14   12.8,  283.9,  181.7,
-62.1,  -29.5,
   15   12.8,  287.3,  139.9,  -36.8,  -23.5,     16   12.8,  281.9,   93.7,
-10.4,  -16.8,
   17   12.8,  285.9,  103.9,   -9.6,   -9.5,     18   12.8,  289.4,  148.8,
-31.0,   -2.6,
   19   12.8,  284.0,  189.2,  -51.5,    4.3,     20   12.8,  270.0,  223.9,
-70.5,   11.1,
   21   12.8,  247.8,  251.8,  -87.3,   17.6,     22   12.8,  218.1,  272.0,
-101.4,   23.5,
   23   12.8,  181.7,  283.9, -112.5,   28.8,     24   12.8,  139.9,  287.3,
-120.1,   33.1,
   25   12.8,   93.7,  281.9, -124.1,   36.4,     26   12.8,  103.9,  285.9,
-133.5,   42.3,
   27   12.8,  148.8,  289.4, -142.1,   43.4,     28   12.8,  189.2,  284.0,
-146.3,   43.1,
   29   12.8,  223.9,  270.0, -146.1,   41.5,     30   12.8,  251.8,  247.8,
-141.5,   38.6,
   31   12.8,  272.0,  218.1, -132.6,   34.6,     32   12.8,  283.9,  181.7,
-119.6,   29.5,
   33   12.8,  287.3,  139.9, -103.0,   23.5,     34   12.8,  281.9,   93.7,
-83.3,   16.8,
   35   12.8,  285.9,  103.9,  -94.3,    9.5,     36   12.8,  289.4,  148.8,
-117.8,    2.6,


 SOURCE ID: EG15
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -140.3,    1.4,      2   12.8,  270.0,  223.9,
-157.0,   -5.9,
    3   12.8,  247.8,  251.8, -168.9,  -13.1,      4   12.8,  218.1,  272.0,
-175.7,  -19.9,
    5   12.8,  181.7,  283.9, -177.1,  -26.0,      6   12.8,  139.9,  287.3,
-173.2,  -31.4,
    7   12.8,   93.7,  281.9, -164.0,  -35.8,      8   12.8,  103.9,  285.9,
-158.7,  -42.8,
    9   12.8,  148.8,  289.4, -153.4,  -44.9,     10   12.8,  189.2,  284.0,
-143.4,  -45.6,
   11   12.8,  223.9,  270.0, -129.1,  -45.0,     12   12.8,  251.8,  247.8,
-110.8,  -43.0,
   13   12.8,  272.0,  218.1,  -89.2,  -39.7,     14   12.8,  283.9,  181.7,
-64.8,  -35.1,
   15   12.8,  287.3,  139.9,  -38.5,  -29.5,     16   12.8,  281.9,   93.7,
-11.1,  -23.1,
   17   12.8,  285.9,  103.9,   -9.1,  -15.7,     18   12.8,  289.4,  148.8,
-29.5,   -8.7,
   19   12.8,  284.0,  189.2,  -49.0,   -1.4,     20   12.8,  270.0,  223.9,
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-67.0,   5.9,
   21   12.8, 247.8, 251.8, -82.9,   13.1,   22   12.8, 218.1, 272.0,
-96.3,   19.9,
   23   12.8, 181.7, 283.9, -106.8,   26.0,   24   12.8, 139.9, 287.3,
-114.1,   31.4,
   25   12.8,   93.7, 281.9, -117.9,   35.8,   26   12.8, 103.9, 285.9,
-127.2,   42.8,
   27   12.8, 148.8, 289.4, -136.0,   44.9,   28   12.8, 189.2, 284.0,
-140.6,   45.6,
   29   12.8, 223.9, 270.0, -140.9,   45.0,   30   12.8, 251.8, 247.8,
-137.0,   43.0,
   31   12.8, 272.0, 218.1, -128.9,   39.7,   32   12.8, 283.9, 181.7,
-116.9,   35.1,
   33   12.8, 287.3, 139.9, -101.3,   29.5,   34   12.8, 281.9,   93.7,
-82.7,   23.1,
   35   12.8, 285.9, 103.9, -94.8,   15.7,   36   12.8, 289.4, 148.8,
-119.3,   8.7,

 SOURCE ID: EG16
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -145.7,   12.1,   2   12.8, 270.0, 223.9,
-164.1,   3.6,
    3   12.8, 247.8, 251.8, -177.6,   -4.9,   4   12.8, 218.1, 272.0,
-185.7, -13.4,
    5   12.8, 181.7, 283.9, -188.1, -21.4,   6   12.8, 139.9, 287.3,
-184.8, -28.7,
    7   12.8,   93.7, 281.9, -175.9, -35.2,   8   12.8, 103.9, 285.9,
-170.6, -44.2,
    9   12.8, 148.8, 289.4, -164.8, -48.4,   10   12.8, 189.2, 284.0,
-154.1, -51.1,
   11   12.8, 223.9, 270.0, -138.6, -52.2,   12   12.8, 251.8, 247.8,
-119.0, -51.7,
   13   12.8, 272.0, 218.1, -95.7, -49.7,   14   12.8, 283.9, 181.7,
-69.5, -46.1,
   15   12.8, 287.3, 139.9, -41.2, -41.2,   16   12.8, 281.9,   93.7,
-11.7, -35.0,
   17   12.8, 285.9, 103.9,   -7.7, -27.6,   18   12.8, 289.4, 148.8,
-26.0, -20.1,
   19   12.8, 284.0, 189.2, -43.5, -12.1,   20   12.8, 270.0, 223.9,
-59.8,   -3.6,
   21   12.8, 247.8, 251.8, -74.2,   4.9,   22   12.8, 218.1, 272.0,
-86.3,   13.4,
   23   12.8, 181.7, 283.9, -95.8,   21.4,   24   12.8, 139.9, 287.3,
-102.5,   28.7,
   25   12.8,   93.7, 281.9, -106.0,   35.2,   26   12.8, 103.9, 285.9,
-115.4,   44.2,
   27   12.8, 148.8, 289.4, -124.5,   48.4,   28   12.8, 189.2, 284.0,
-130.0,   51.1,

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   27   12.8,  148.8,  289.4, -117.9,   49.5,     28   12.8,  189.2,  284.0,
-123.6,   53.3,
   29   12.8,  223.9,  270.0, -125.5,   55.5,     30   12.8,  251.8,  247.8,
-123.7,   56.0,
   31   12.8,  272.0,  218.1, -118.0,   54.8,     32   12.8,  283.9,  181.7,
-108.8,   51.9,
   33   12.8,  287.3,  139.9,  -96.3,   47.4,     34   12.8,  281.9,   93.7,
-80.8,   41.6,
   35   12.8,  285.9,  103.9,  -96.1,   34.3,     36   12.8,  289.4,  148.8,
-123.9,   26.7,


 SOURCE ID: EG18
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -153.6,   29.0,      2   12.8,  270.0,  223.9,
-174.8,   18.9,
    3   12.8,  247.8,  251.8, -190.8,    8.3,      4   12.8,  218.1,  272.0,
-201.0,   -2.6,
    5   12.8,  181.7,  283.9, -205.0,  -13.4,      6   12.8,  139.9,  287.3,
-202.9,  -23.9,
    7   12.8,   93.7,  281.9, -194.5,  -33.5,      8   12.8,  103.9,  285.9,
-189.2,  -45.9,
    9   12.8,  148.8,  289.4, -182.9,  -53.2,     10   12.8,  189.2,  284.0,
-171.0,  -58.9,
   11   12.8,  223.9,  270.0, -153.9,  -62.9,     12   12.8,  251.8,  247.8,
-132.2,  -64.9,
   13   12.8,  272.0,  218.1, -106.4,  -65.0,     14   12.8,  283.9,  181.7,
-77.4,  -63.0,
   15   12.8,  287.3,  139.9,  -46.1,  -59.2,     16   12.8,  281.9,   93.7,
-13.3,  -53.6,
   17   12.8,  285.9,  103.9,   -6.1,  -46.2,     18   12.8,  289.4,  148.8,
-21.2,  -38.2,
   19   12.8,  284.0,  189.2,  -35.7,  -29.0,     20   12.8,  270.0,  223.9,
-49.1,  -18.9,
   21   12.8,  247.8,  251.8,  -61.0,   -8.3,     22   12.8,  218.1,  272.0,
-71.0,    2.6,
   23   12.8,  181.7,  283.9,  -78.9,   13.4,     24   12.8,  139.9,  287.3,
-84.4,   23.9,
   25   12.8,   93.7,  281.9,  -87.4,   33.5,     26   12.8,  103.9,  285.9,
-96.8,   45.9,
   27   12.8,  148.8,  289.4, -106.5,   53.2,     28   12.8,  189.2,  284.0,
-113.0,   58.9,
   29   12.8,  223.9,  270.0, -116.1,   62.9,     30   12.8,  251.8,  247.8,
-115.6,   64.9,
   31   12.8,  272.0,  218.1, -111.7,   65.0,     32   12.8,  283.9,  181.7,
-104.3,   63.0,
   33   12.8,  287.3,  139.9,  -93.8,   59.2,     34   12.8,  281.9,   93.7,
-80.4,   53.6,
   35   12.8,  285.9,  103.9,  -97.8,   46.2,     36   12.8,  289.4,  148.8,
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-127.6,   38.2,

SOURCE ID: EG19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-156.2,	34.8,	2	12.8,	270.0,	223.9,	-178.4,	24.1,
3	12.8,	247.8,	251.8,	-195.2,	12.8,	4	12.8,	218.1,	272.0,	-206.1,	1.1,
5	12.8,	181.7,	283.9,	-210.7,	-10.7,	6	12.8,	139.9,	287.3,	-208.9,	-22.1,
7	12.8,	93.7,	281.9,	-200.8,	-32.9,	8	12.8,	103.9,	285.9,	-195.5,	-46.3,
9	12.8,	148.8,	289.4,	-189.0,	-54.8,	10	12.8,	189.2,	284.0,	-176.8,	-61.5,
11	12.8,	223.9,	270.0,	-159.2,	-66.5,	12	12.8,	251.8,	247.8,	-136.7,	-69.3,
13	12.8,	272.0,	218.1,	-110.1,	-70.1,	14	12.8,	283.9,	181.7,	-80.2,	-68.8,
15	12.8,	287.3,	139.9,	-47.8,	-65.3,	16	12.8,	281.9,	93.7,	-14.0,	-59.9,
17	12.8,	285.9,	103.9,	-5.6,	-52.5,	18	12.8,	289.4,	148.8,	-19.6,	-44.3,
19	12.8,	284.0,	189.2,	-33.1,	-34.8,	20	12.8,	270.0,	223.9,	-45.5,	-24.1,
21	12.8,	247.8,	251.8,	-56.6,	-12.8,	22	12.8,	218.1,	272.0,	-65.9,	-1.1,
23	12.8,	181.7,	283.9,	-73.2,	10.7,	24	12.8,	139.9,	287.3,	-78.3,	22.1,
25	12.8,	93.7,	281.9,	-81.1,	32.9,	26	12.8,	103.9,	285.9,	-90.5,	46.3,
27	12.8,	148.8,	289.4,	-100.4,	54.8,	28	12.8,	189.2,	284.0,	-107.2,	61.5,
29	12.8,	223.9,	270.0,	-110.9,	66.5,	30	12.8,	251.8,	247.8,	-111.1,	69.3,
31	12.8,	272.0,	218.1,	-108.0,	70.1,	32	12.8,	283.9,	181.7,	-101.6,	68.8,
33	12.8,	287.3,	139.9,	-92.1,	65.3,	34	12.8,	281.9,	93.7,	-79.8,	59.9,
35	12.8,	285.9,	103.9,	-98.3,	52.5,	36	12.8,	289.4,	148.8,	-129.2,	44.3,

SOURCE ID: EG20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-161.3,	45.8,	2	12.8,	270.0,	223.9,	-185.4,	34.1,
3	12.8,	247.8,	251.8,	-203.8,	21.4,	4	12.8,	218.1,	272.0,		

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-216.1,    8.1,
    5   12.8,  181.7,  283.9, -221.8,   -5.5,      6   12.8,  139.9,  287.3,
-220.7,  -19.0,
    7   12.8,   93.7,  281.9, -213.0,  -31.8,      8   12.8,  103.9,  285.9,
-207.6,  -47.4,
    9   12.8,  148.8,  289.4, -200.8,  -57.9,     10   12.8,  189.2,  284.0,
-187.8,  -66.7,
   11   12.8,  223.9,  270.0, -169.2,  -73.4,     12   12.8,  251.8,  247.8,
-145.3,  -77.9,
   13   12.8,  272.0,  218.1, -117.1,  -80.1,     14   12.8,  283.9,  181.7,
-85.3,  -79.8,
   15   12.8,  287.3,  139.9,  -51.0,  -77.1,     16   12.8,  281.9,   93.7,
-15.1,  -72.0,
   17   12.8,  285.9,  103.9,   -4.6,  -64.7,     18   12.8,  289.4,  148.8,
-16.5,  -56.1,
   19   12.8,  284.0,  189.2,  -27.9,  -45.8,     20   12.8,  270.0,  223.9,
-38.5,  -34.1,
   21   12.8,  247.8,  251.8,  -48.0,  -21.4,     22   12.8,  218.1,  272.0,
-55.9,   -8.1,
   23   12.8,  181.7,  283.9,  -62.2,    5.5,     24   12.8,  139.9,  287.3,
-66.6,   19.0,
   25   12.8,   93.7,  281.9,  -68.9,   31.8,     26   12.8,  103.9,  285.9,
-78.3,   47.4,
   27   12.8,  148.8,  289.4,  -88.6,   57.9,     28   12.8,  189.2,  284.0,
-96.2,   66.7,
   29   12.8,  223.9,  270.0, -100.9,   73.4,     30   12.8,  251.8,  247.8,
-102.5,   77.9,
   31   12.8,  272.0,  218.1, -101.0,   80.1,     32   12.8,  283.9,  181.7,
-96.4,   79.8,
   33   12.8,  287.3,  139.9,  -88.9,   77.1,     34   12.8,  281.9,   93.7,
-78.7,   72.0,
   35   12.8,  285.9,  103.9,  -99.3,   64.7,     36   12.8,  289.4,  148.8,
-132.3,   56.1,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  22
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG21
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -164.0,   51.3,      2   12.8,  270.0,  223.9,
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-189.0,   39.1,
    3   12.8, 247.8, 251.8, -208.2,   25.7,   4   12.8, 218.1, 272.0,
-221.2,   11.5,
    5   12.8, 181.7, 283.9, -227.4,   -3.0,   6   12.8, 139.9, 287.3,
-226.7, -17.5,
    7   12.8,   93.7, 281.9, -219.1, -31.4,   8   12.8, 103.9, 285.9,
-213.7, -48.0,
    9   12.8, 148.8, 289.4, -206.7, -59.6,   10   12.8, 189.2, 284.0,
-193.3, -69.3,
   11   12.8, 223.9, 270.0, -174.1, -77.0,   12   12.8, 251.8, 247.8,
-149.6, -82.3,
   13   12.8, 272.0, 218.1, -120.6, -85.1,   14   12.8, 283.9, 181.7,
-87.8, -85.4,
   15   12.8, 287.3, 139.9, -52.5, -83.0,   16   12.8, 281.9,   93.7,
-15.5, -78.1,
   17   12.8, 285.9, 103.9,   -3.9, -70.8,   18   12.8, 289.4, 148.8,
-14.8, -62.0,
   19   12.8, 284.0, 189.2, -25.3, -51.3,   20   12.8, 270.0, 223.9,
-34.9, -39.1,
   21   12.8, 247.8, 251.8, -43.5, -25.7,   22   12.8, 218.1, 272.0,
-50.8, -11.5,
   23   12.8, 181.7, 283.9, -56.6,   3.0,   24   12.8, 139.9, 287.3,
-60.6,   17.5,
   25   12.8,   93.7, 281.9, -62.8,   31.4,   26   12.8, 103.9, 285.9,
-72.2,   48.0,
   27   12.8, 148.8, 289.4, -82.7,   59.6,   28   12.8, 189.2, 284.0,
-90.7,   69.3,
   29   12.8, 223.9, 270.0, -95.9,   77.0,   30   12.8, 251.8, 247.8,
-98.2,   82.3,
   31   12.8, 272.0, 218.1, -97.5,   85.1,   32   12.8, 283.9, 181.7,
-93.9,   85.4,
   33   12.8, 287.3, 139.9, -87.4,   83.0,   34   12.8, 281.9,   93.7,
-78.2,   78.1,
   35   12.8, 285.9, 103.9, -99.9,   70.8,   36   12.8, 289.4, 148.8,
-134.0,   62.0,

 SOURCE ID: EG22
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -168.6,   62.3,   2   12.8, 270.0, 223.9,
-195.4,   49.2,
    3   12.8, 247.8, 251.8, -216.3,   34.5,   4   12.8, 218.1, 272.0,
-230.7,   18.8,
    5   12.8, 181.7, 283.9, -238.0,   2.4,   6   12.8, 139.9, 287.3,
-238.1, -13.9,
    7   12.8,   93.7, 281.9, -230.9, -29.9,   8   12.8, 103.9, 285.9,
-225.7, -48.6,
    9   12.8, 148.8, 289.4, -218.3, -62.2,   10   12.8, 189.2, 284.0,
-204.4, -74.0,

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   11   12.8,  223.9,  270.0, -184.2,  -83.5,     12   12.8,  251.8,  247.8,
-158.4,  -90.5,
   13   12.8,  272.0,  218.1, -127.8,  -94.7,     14   12.8,  283.9,  181.7,
-93.3,  -96.0,
   15   12.8,  287.3,  139.9,  -56.0,  -94.4,     16   12.8,  281.9,   93.7,
-17.0,  -90.0,
   17   12.8,  285.9,  103.9,   -3.3,  -82.7,     18   12.8,  289.4,  148.8,
-12.2,  -73.6,
   19   12.8,  284.0,  189.2,  -20.6,  -62.3,     20   12.8,  270.0,  223.9,
-28.5,  -49.2,
   21   12.8,  247.8,  251.8,  -35.4,  -34.5,     22   12.8,  218.1,  272.0,
-41.3,  -18.8,
   23   12.8,  181.7,  283.9,  -46.0,   -2.4,     24   12.8,  139.9,  287.3,
-49.2,   13.9,
   25   12.8,   93.7,  281.9,  -50.9,   29.9,     26   12.8,  103.9,  285.9,
-60.3,   48.6,
   27   12.8,  148.8,  289.4,  -71.0,   62.2,     28   12.8,  189.2,  284.0,
-79.6,   74.0,
   29   12.8,  223.9,  270.0,  -85.8,   83.5,     30   12.8,  251.8,  247.8,
-89.4,   90.5,
   31   12.8,  272.0,  218.1,  -90.3,   94.7,     32   12.8,  283.9,  181.7,
-88.4,   96.0,
   33   12.8,  287.3,  139.9,  -83.8,   94.4,     34   12.8,  281.9,   93.7,
-76.7,   90.0,
   35   12.8,  285.9,  103.9, -100.5,   82.7,     36   12.8,  289.4,  148.8,
-136.6,   73.6,


 SOURCE ID: EG23
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -171.8,   68.3,      2   12.8,  270.0,  223.9,
-199.7,   54.4,
    3   12.8,  247.8,  251.8, -221.4,   38.9,      4   12.8,  218.1,  272.0,
-236.4,   22.2,
    5   12.8,  181.7,  283.9, -244.3,    4.9,      6   12.8,  139.9,  287.3,
-244.7,  -12.6,
    7   12.8,   93.7,  281.9, -237.7,  -29.7,      8   12.8,  103.9,  285.9,
-232.3,  -49.6,
    9   12.8,  148.8,  289.4, -224.7,  -64.4,     10   12.8,  189.2,  284.0,
-210.3,  -77.2,
   11   12.8,  223.9,  270.0, -189.4,  -87.7,     12   12.8,  251.8,  247.8,
-162.8,  -95.5,
   13   12.8,  272.0,  218.1, -131.3, -100.4,     14   12.8,  283.9,  181.7,
-95.8, -102.3,
   15   12.8,  287.3,  139.9,  -57.3, -101.0,     16   12.8,  281.9,   93.7,
-17.1,  -96.7,
   17   12.8,  285.9,  103.9,   -2.3,  -89.4,     18   12.8,  289.4,  148.8,
-10.0,  -80.0,
   19   12.8,  284.0,  189.2,  -17.4,  -68.3,     20   12.8,  270.0,  223.9,
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-24.2,  -54.4,
   21   12.8,  247.8,  251.8,  -30.4,  -38.9,     22   12.8,  218.1,  272.0,
-35.6,  -22.2,
   23   12.8,  181.7,  283.9,  -39.7,   -4.9,     24   12.8,  139.9,  287.3,
-42.6,   12.6,
   25   12.8,   93.7,  281.9,  -44.2,   29.7,     26   12.8,  103.9,  285.9,
-53.6,   49.6,
   27   12.8,  148.8,  289.4,  -64.7,   64.4,     28   12.8,  189.2,  284.0,
-73.7,   77.2,
   29   12.8,  223.9,  270.0,  -80.6,   87.7,     30   12.8,  251.8,  247.8,
-85.0,   95.5,
   31   12.8,  272.0,  218.1,  -86.8,  100.4,     32   12.8,  283.9,  181.7,
-86.0,  102.3,
   33   12.8,  287.3,  139.9,  -82.5,  101.0,     34   12.8,  281.9,   93.7,
-76.6,   96.7,
   35   12.8,  285.9,  103.9, -101.5,   89.4,     36   12.8,  289.4,  148.8,
-138.8,   80.0,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
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   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  23
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG02   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG03   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  26
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG04         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG05 ; SOURCE TYPE = POINT :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG06 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG07 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  30
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG08         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG09   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG10 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG11 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01

```
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  34
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG12         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG13   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = EG14          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  37
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG15          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  38
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG16         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG17   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG18   ; SOURCE TYPE = POINT   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  41
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG19         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG20   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG21   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG22   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG23 ; SOURCE TYPE = POINT :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  46
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG24          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766771.1, 87.6, 105.5, 2.0); (396598.3, 3766771.1, 91.2, 105.5, 2.0);
(396638.3, 3766771.1, 99.2, 100.5, 2.0); (396678.3, 3766771.1, 103.0, 103.0, 2.0);
(396718.3, 3766771.1, 105.1, 105.1, 2.0); (396758.3, 3766771.1, 104.2, 105.0, 2.0);
(396798.3, 3766771.1, 100.8, 100.8, 2.0); (396838.3, 3766771.1, 100.7, 100.7, 2.0);
(396878.3, 3766771.1, 100.6, 100.6, 2.0); (396918.3, 3766771.1, 101.1, 101.1, 2.0);
(396958.3, 3766771.1, 101.5, 101.5, 2.0); (396998.3, 3766771.1, 101.5, 101.5, 2.0);
(397038.3, 3766771.1, 101.3, 101.3, 2.0); (397078.3, 3766771.1, 101.1, 185.1, 2.0);
(397118.3, 3766771.1, 100.2, 185.1, 2.0); (397158.3, 3766771.1, 98.7, 187.7, 2.0);
(397198.3, 3766771.1, 98.3, 188.4, 2.0); (397238.3, 3766771.1, 98.6, 188.6, 2.0);
(397278.3, 3766771.1, 99.2, 188.6, 2.0); (397318.3, 3766771.1, 99.9, 188.6, 2.0);
(397358.3, 3766771.1, 100.6, 188.6, 2.0); (397398.3, 3766771.1, 101.5, 189.8, 2.0);
(397438.3, 3766771.1, 102.2, 191.1, 2.0); (397478.3, 3766771.1, 103.1, 191.1, 2.0);
(397518.3, 3766771.1, 103.9, 191.1, 2.0); (397558.3, 3766771.1, 104.6, 191.1, 2.0);
(397598.3, 3766771.1, 105.3, 191.1, 2.0); (397638.3, 3766771.1, 106.0, 191.1, 2.0);
(397678.3, 3766771.1, 106.6, 191.1, 2.0); (397718.3, 3766771.1, 106.6, 191.1, 2.0);
(396558.3, 3766811.1, 87.7, 105.5, 2.0); (396598.3, 3766811.1, 89.4, 105.5, 2.0);
(396638.3, 3766811.1, 97.3, 104.7, 2.0); (396678.3, 3766811.1, 102.7, 104.1, 2.0);
(396718.3, 3766811.1, 102.9, 102.9, 2.0); (396758.3, 3766811.1, 100.1, 105.5, 2.0);
(396798.3, 3766811.1, 100.2, 100.2, 2.0); (396838.3, 3766811.1, 100.5, 100.5, 2.0);
(396878.3, 3766811.1, 100.7, 100.7, 2.0); (396918.3, 3766811.1, 101.4, 101.4, 2.0);
(396958.3, 3766811.1, 102.1, 102.1, 2.0); (396998.3,

```
3766811.1,     102.4,     102.4,       2.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       2.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       2.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       2.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       2.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       2.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       2.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       2.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       2.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       2.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       2.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       2.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       2.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       2.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       2.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       2.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       2.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       2.0);
     ( 397438.3, 3766851.1,     103.2,     189.8,       2.0);         ( 397478.3,
3766851.1,     104.0,     190.2,       2.0);
     ( 397518.3, 3766851.1,     104.7,     191.1,       2.0);         ( 397558.3,
3766851.1,     105.4,     191.1,       2.0);
     ( 397598.3, 3766851.1,     106.1,     191.1,       2.0);         ( 397638.3,
3766851.1,     106.8,     191.1,       2.0);
     ( 397678.3, 3766851.1,     107.5,     191.1,       2.0);         ( 397718.3,
3766851.1,     108.2,     191.1,       2.0);
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

     (396558.3, 3766891.1,   89.9,   133.9,   2.0);   (396598.3,
3766891.1,   89.3,   133.9,   2.0);
     (396638.3, 3766891.1,   91.7,   104.7,   2.0);   (396678.3,
3766891.1,   96.0,   96.0,   2.0);
     (396718.3, 3766891.1,   97.4,   97.4,   2.0);   (396758.3,
3766891.1,   98.2,   98.2,   2.0);
     (396798.3, 3766891.1,   98.9,   98.9,   2.0);   (396838.3,
3766891.1,   99.6,   99.6,   2.0);
     (396878.3, 3766891.1,   100.9,   100.9,   2.0);   (396918.3,
3766891.1,   100.8,   100.8,   2.0);
     (396958.3, 3766891.1,   101.7,   101.7,   2.0);   (396998.3,
3766891.1,   102.5,   102.5,   2.0);
     (397038.3, 3766891.1,   103.1,   103.1,   2.0);   (397078.3,
3766891.1,   105.4,   105.4,   2.0);
     (397118.3, 3766891.1,   106.4,   106.4,   2.0);   (397158.3,
3766891.1,   105.5,   105.5,   2.0);
     (397198.3, 3766891.1,   106.8,   106.8,   2.0);   (397238.3,
3766891.1,   106.2,   106.2,   2.0);
     (397278.3, 3766891.1,   106.0,   106.0,   2.0);   (397318.3,
3766891.1,   105.6,   184.0,   2.0);
     (397358.3, 3766891.1,   104.0,   188.3,   2.0);   (397398.3,
3766891.1,   102.9,   188.6,   2.0);
     (397438.3, 3766891.1,   103.4,   188.6,   2.0);   (397478.3,
3766891.1,   104.2,   189.8,   2.0);
     (397518.3, 3766891.1,   105.2,   190.2,   2.0);   (397558.3,
3766891.1,   105.8,   191.1,   2.0);
     (397598.3, 3766891.1,   106.5,   191.1,   2.0);   (397638.3,
3766891.1,   107.2,   191.1,   2.0);
     (397678.3, 3766891.1,   107.9,   191.1,   2.0);   (397718.3,
3766891.1,   108.8,   191.1,   2.0);
     (396558.3, 3766931.1,   91.6,   135.0,   2.0);   (396598.3,
3766931.1,   91.1,   135.0,   2.0);
     (396638.3, 3766931.1,   93.8,   93.8,   2.0);   (396678.3,
3766931.1,   94.9,   94.9,   2.0);
     (396718.3, 3766931.1,   97.3,   97.3,   2.0);   (396758.3,
3766931.1,   98.4,   98.4,   2.0);
     (396798.3, 3766931.1,   99.1,   99.1,   2.0);   (396838.3,
3766931.1,   99.5,   99.5,   2.0);
     (396878.3, 3766931.1,   100.0,   100.0,   2.0);   (396918.3,

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3766931.1,     100.6,     100.6,       2.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       2.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       2.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       2.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       2.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       2.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       2.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       2.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       2.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       2.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       2.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       2.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       2.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       2.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       2.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       2.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       2.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       2.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       2.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       2.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       2.0);         ( 396598.3,
3766971.1,      92.7,     135.5,       2.0);
     ( 396638.3, 3766971.1,      94.0,     135.0,       2.0);         ( 396678.3,
3766971.1,      95.0,     133.9,       2.0);
     ( 396718.3, 3766971.1,      96.8,      96.8,       2.0);         ( 396758.3,
3766971.1,      98.2,      98.2,       2.0);
     ( 396798.3, 3766971.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766971.1,     100.1,     100.1,       2.0);
     ( 396878.3, 3766971.1,     100.1,     100.1,       2.0);         ( 396918.3,
3766971.1,     100.5,     100.5,       2.0);
     ( 396958.3, 3766971.1,     101.3,     134.6,       2.0);         ( 396998.3,
3766971.1,     103.3,     103.3,       2.0);
     ( 397038.3, 3766971.1,     105.5,     105.5,       2.0);         ( 397078.3,
3766971.1,     107.4,     107.4,       2.0);
     ( 397118.3, 3766971.1,     109.2,     109.2,       2.0);         ( 397158.3,
3766971.1,     109.7,     109.7,       2.0);
     ( 397198.3, 3766971.1,     109.7,     109.7,       2.0);         ( 397238.3,
3766971.1,     109.6,     109.6,       2.0);
     ( 397278.3, 3766971.1,     109.3,     149.0,       2.0);         ( 397318.3,
3766971.1,     110.3,     149.0,       2.0);
     ( 397358.3, 3766971.1,     115.5,     117.7,       2.0);         ( 397398.3,
3766971.1,     114.0,     118.2,       2.0);
     ( 397438.3, 3766971.1,     109.0,     149.0,       2.0);         ( 397478.3,
3766971.1,     107.3,     186.4,       2.0);
     ( 397518.3, 3766971.1,     107.2,     188.3,       2.0);         ( 397558.3,
3766971.1,     107.1,     188.6,       2.0);
     ( 397598.3, 3766971.1,     107.4,     190.2,       2.0);         ( 397638.3,
3766971.1,     107.7,     190.6,       2.0);
     ( 397678.3, 3766971.1,     107.8,     191.1,       2.0);         ( 397718.3,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3767011.1,   94.7,   135.7,   2.0);   (396598.3, 3767011.1,   93.5,   135.7,   2.0);
(396638.3, 3767011.1,   94.6,   135.5,   2.0);   (396678.3, 3767011.1,   96.0,   135.0,   2.0);
(396718.3, 3767011.1,   97.0,   133.9,   2.0);   (396758.3, 3767011.1,   98.4,   98.4,   2.0);
(396798.3, 3767011.1,   99.5,   99.5,   2.0);   (396838.3, 3767011.1,   100.6,   100.6,   2.0);
(396878.3, 3767011.1,   100.9,   134.6,   2.0);   (396918.3, 3767011.1,   101.3,   134.6,   2.0);
(396958.3, 3767011.1,   101.5,   134.7,   2.0);   (396998.3, 3767011.1,   103.7,   134.6,   2.0);
(397038.3, 3767011.1,   105.8,   134.6,   2.0);   (397078.3, 3767011.1,   107.7,   107.7,   2.0);
(397118.3, 3767011.1,   109.4,   109.4,   2.0);   (397158.3, 3767011.1,   109.6,   109.6,   2.0);
(397198.3, 3767011.1,   109.7,   147.6,   2.0);   (397238.3, 3767011.1,   109.5,   149.0,   2.0);
(397278.3, 3767011.1,   110.1,   149.0,   2.0);   (397318.3, 3767011.1,   111.3,   149.0,   2.0);
(397358.3, 3767011.1,   116.5,   147.6,   2.0);   (397398.3, 3767011.1,   118.0,   118.0,   2.0);
(397438.3, 3767011.1,   113.2,   149.0,   2.0);   (397478.3, 3767011.1,   109.0,   149.0,   2.0);
(397518.3, 3767011.1,   108.0,   149.0,   2.0);   (397558.3, 3767011.1,   107.9,   187.3,   2.0);
(397598.3, 3767011.1,   107.9,   188.3,   2.0);   (397638.3, 3767011.1,   108.1,   189.8,   2.0);
(397678.3, 3767011.1,   108.0,   190.6,   2.0);   (397718.3, 3767011.1,   111.5,   190.2,   2.0);
(396558.3, 3767051.1,   96.1,   135.7,   2.0);   (396598.3, 3767051.1,   95.6,   135.7,   2.0);
(396638.3, 3767051.1,   95.1,   135.7,   2.0);   (396678.3, 3767051.1,   96.7,   135.7,   2.0);
(396718.3, 3767051.1,   97.9,   135.5,   2.0);   (396758.3, 3767051.1,   99.0,   133.9,   2.0);
(396798.3, 3767051.1,   100.2,   134.6,   2.0);   (396838.3,

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3767051.1,     101.2,     134.6,       2.0);
     ( 396878.3, 3767051.1,     102.1,     134.6,       2.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       2.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       2.0);
     ( 396558.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       2.0);
     ( 396638.3, 3767091.1,      96.8,     135.7,       2.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       2.0);
     ( 396718.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       2.0);
     ( 396798.3, 3767091.1,     100.9,     134.6,       2.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       2.0);
     ( 396878.3, 3767091.1,     102.9,     142.2,       2.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       2.0);
     ( 396958.3, 3767091.1,     104.0,     142.2,       2.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       2.0);
     ( 397078.3, 3767091.1,     107.8,     147.6,       2.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       2.0);
     ( 397158.3, 3767091.1,     109.1,     149.0,       2.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       2.0);
     ( 397238.3, 3767091.1,     109.5,     149.0,       2.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       2.0);
     ( 397318.3, 3767091.1,     111.9,     149.0,       2.0);         ( 397358.3,
3767091.1,     113.8,     149.0,       2.0);
     ( 397398.3, 3767091.1,     116.6,     149.0,       2.0);         ( 397438.3,
3767091.1,     117.2,     149.0,       2.0);
     ( 397478.3, 3767091.1,     118.2,     149.0,       2.0);         ( 397518.3,
3767091.1,     117.6,     149.0,       2.0);
     ( 397558.3, 3767091.1,     117.9,     149.0,       2.0);         ( 397598.3,
3767091.1,     114.8,     149.0,       2.0);
     ( 397638.3, 3767091.1,     110.9,     149.0,       2.0);         ( 397678.3,
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3767091.1,   110.4,   149.0,   2.0);
     (397718.3, 3767091.1,   112.0,   147.2,   2.0);   (396558.3,
3767131.1,   101.2,   135.7,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396598.3, 3767131.1,   101.2,   135.7,   2.0);   (396638.3,
3767131.1,   100.3,   135.7,   2.0);
     (396678.3, 3767131.1,   97.7,   135.7,   2.0);   (396718.3,
3767131.1,   98.2,   135.7,   2.0);
     (396758.3, 3767131.1,   100.1,   142.2,   2.0);   (396798.3,
3767131.1,   101.8,   142.2,   2.0);
     (396838.3, 3767131.1,   103.2,   142.2,   2.0);   (396878.3,
3767131.1,   104.6,   142.2,   2.0);
     (396918.3, 3767131.1,   104.8,   142.2,   2.0);   (396958.3,
3767131.1,   106.1,   142.2,   2.0);
     (397238.3, 3767131.1,   111.0,   149.0,   2.0);   (397278.3,
3767131.1,   111.3,   149.0,   2.0);
     (397318.3, 3767131.1,   112.3,   149.0,   2.0);   (397358.3,
3767131.1,   114.1,   149.0,   2.0);
     (397398.3, 3767131.1,   116.4,   149.0,   2.0);   (397438.3,
3767131.1,   117.3,   149.0,   2.0);
     (397478.3, 3767131.1,   119.7,   149.0,   2.0);   (397518.3,
3767131.1,   119.3,   149.0,   2.0);
     (397558.3, 3767131.1,   119.0,   149.0,   2.0);   (397598.3,
3767131.1,   117.4,   149.0,   2.0);
     (397638.3, 3767131.1,   112.6,   149.0,   2.0);   (397678.3,
3767131.1,   111.8,   149.0,   2.0);
     (397718.3, 3767131.1,   112.0,   148.5,   2.0);   (396558.3,
3767171.1,   104.7,   135.7,   2.0);
     (396598.3, 3767171.1,   103.9,   135.7,   2.0);   (396638.3,
3767171.1,   103.5,   135.7,   2.0);
     (396678.3, 3767171.1,   100.8,   135.7,   2.0);   (396718.3,
3767171.1,   98.7,   142.2,   2.0);
     (396758.3, 3767171.1,   99.9,   142.2,   2.0);   (396798.3,
3767171.1,   102.6,   142.2,   2.0);
     (396838.3, 3767171.1,   104.8,   142.2,   2.0);   (396878.3,
3767171.1,   107.3,   142.2,   2.0);
     (396918.3, 3767171.1,   109.2,   142.2,   2.0);   (397438.3,
3767171.1,   117.8,   149.0,   2.0);
     (397478.3, 3767171.1,   118.3,   149.0,   2.0);   (397518.3,

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3767171.1,     117.1,     149.0,       2.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       2.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       2.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       2.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       2.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       2.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       2.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       2.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       2.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       2.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       2.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       2.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       2.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       2.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       2.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       2.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       2.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       2.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       2.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       2.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       2.0);
     ( 397358.3, 3767251.1,     124.9,     149.0,       2.0);         ( 397398.3,
3767251.1,     133.5,     149.0,       2.0);
     ( 397438.3, 3767251.1,     134.6,     149.0,       2.0);         ( 397478.3,
3767251.1,     130.7,     149.0,       2.0);
     ( 397518.3, 3767251.1,     125.3,     149.0,       2.0);         ( 397558.3,
3767251.1,     123.5,     149.3,       2.0);
     ( 397598.3, 3767251.1,     121.4,     149.3,       2.0);         ( 397638.3,
3767251.1,     118.3,     149.6,       2.0);
     ( 397678.3, 3767251.1,     117.5,     149.3,       2.0);         ( 397718.3,
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3767251.1,   116.6,   149.2,   2.0);
     (396558.3, 3767291.1,   125.5,   135.5,   2.0);   (396598.3,
3767291.1,   120.7,   135.7,   2.0);
     (396638.3, 3767291.1,   119.2,   135.7,   2.0);   (396678.3,
3767291.1,   115.6,   135.7,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396718.3, 3767291.1,   111.7,   135.7,   2.0);   (396758.3,
3767291.1,   102.9,   187.3,   2.0);
     (396798.3, 3767291.1,   102.6,   188.3,   2.0);   (396838.3,
3767291.1,   104.8,   188.3,   2.0);
     (396878.3, 3767291.1,   115.3,   142.2,   2.0);   (396918.3,
3767291.1,   120.6,   142.2,   2.0);
     (396958.3, 3767291.1,   122.8,   142.2,   2.0);   (396998.3,
3767291.1,   128.6,   140.2,   2.0);
     (397038.3, 3767291.1,   134.4,   134.4,   2.0);   (397078.3,
3767291.1,   132.8,   134.1,   2.0);
     (397118.3, 3767291.1,   125.5,   142.2,   2.0);   (397158.3,
3767291.1,   115.4,   188.9,   2.0);
     (397278.3, 3767291.1,   120.7,   149.0,   2.0);   (397318.3,
3767291.1,   124.3,   149.0,   2.0);
     (397358.3, 3767291.1,   133.3,   149.0,   2.0);   (397398.3,
3767291.1,   143.5,   147.8,   2.0);
     (397438.3, 3767291.1,   143.7,   147.8,   2.0);   (397478.3,
3767291.1,   139.6,   148.3,   2.0);
     (397518.3, 3767291.1,   137.4,   148.5,   2.0);   (397558.3,
3767291.1,   138.5,   145.4,   2.0);
     (397598.3, 3767291.1,   136.8,   144.6,   2.0);   (397638.3,
3767291.1,   127.3,   148.8,   2.0);
     (397678.3, 3767291.1,   120.5,   149.3,   2.0);   (397718.3,
3767291.1,   118.7,   150.4,   2.0);
     (396558.3, 3767331.1,   134.0,   134.0,   2.0);   (396598.3,
3767331.1,   131.8,   131.8,   2.0);
     (396638.3, 3767331.1,   128.4,   129.7,   2.0);   (396678.3,
3767331.1,   120.2,   135.7,   2.0);
     (396718.3, 3767331.1,   114.9,   135.7,   2.0);   (396758.3,
3767331.1,   105.4,   187.6,   2.0);
     (396798.3, 3767331.1,   103.5,   188.9,   2.0);   (396838.3,
3767331.1,   105.5,   188.9,   2.0);
     (396878.3, 3767331.1,   116.4,   178.2,   2.0);   (396918.3,

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3767331.1,     122.3,     142.2,       2.0);
     ( 396958.3, 3767331.1,     125.5,     142.2,       2.0);         ( 396998.3,
3767331.1,     127.4,     142.2,       2.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       2.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       2.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       2.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       2.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       2.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       2.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       2.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       2.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       2.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       2.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       2.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       2.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       2.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       2.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       2.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       2.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       2.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       2.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       2.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       2.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       2.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       2.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       2.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       2.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       2.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       2.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       2.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       2.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       2.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       2.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       2.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       2.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       2.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       2.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       2.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       2.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       2.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       2.0);
     ( 397358.3, 3767371.1,     138.9,     149.0,       2.0);         ( 397398.3,
3767371.1,     148.1,     148.1,       2.0);
     ( 397438.3, 3767371.1,     148.3,     148.3,       2.0);         ( 397478.3,
3767371.1,     147.7,     147.7,       2.0);
     ( 397518.3, 3767371.1,     146.8,     146.8,       2.0);         ( 397558.3,
3767371.1,     145.8,     145.8,       2.0);
     ( 397598.3, 3767371.1,     144.6,     144.6,       2.0);         ( 397638.3,
3767371.1,     144.0,     144.0,       2.0);
     ( 397678.3, 3767371.1,     139.7,     144.9,       2.0);         ( 397718.3,
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3767371.1,   129.0,   149.1,   2.0);
     (396558.3, 3767411.1,   135.2,   135.2,   2.0);   (396598.3,
3767411.1,   128.0,   135.7,   2.0);
     (396638.3, 3767411.1,   121.1,   136.3,   2.0);   (396678.3,
3767411.1,   115.7,   179.2,   2.0);
     (396718.3, 3767411.1,   112.4,   186.6,   2.0);   (396758.3,
3767411.1,   108.8,   188.3,   2.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (396798.3, 3767411.1,   106.0,   188.9,   2.0);   (396838.3,
3767411.1,   106.9,   188.9,   2.0);
     (396878.3, 3767411.1,   113.9,   188.9,   2.0);   (396918.3,
3767411.1,   119.2,   188.3,   2.0);
     (396958.3, 3767411.1,   125.5,   186.6,   2.0);   (396998.3,
3767411.1,   131.9,   142.2,   2.0);
     (397038.3, 3767411.1,   138.6,   142.2,   2.0);   (397078.3,
3767411.1,   141.9,   141.9,   2.0);
     (397118.3, 3767411.1,   140.9,   141.2,   2.0);   (397158.3,
3767411.1,   137.9,   139.4,   2.0);
     (397198.3, 3767411.1,   134.3,   134.3,   2.0);   (397238.3,
3767411.1,   131.6,   187.6,   2.0);
     (397278.3, 3767411.1,   130.9,   187.6,   2.0);   (397318.3,
3767411.1,   134.1,   149.0,   2.0);
     (397358.3, 3767411.1,   137.6,   149.0,   2.0);   (397398.3,
3767411.1,   146.7,   147.7,   2.0);
     (397438.3, 3767411.1,   148.4,   148.4,   2.0);   (397478.3,
3767411.1,   148.7,   148.7,   2.0);
     (397518.3, 3767411.1,   148.2,   148.2,   2.0);   (397558.3,
3767411.1,   147.1,   147.1,   2.0);
     (397598.3, 3767411.1,   145.6,   145.6,   2.0);   (397638.3,
3767411.1,   144.9,   144.9,   2.0);
     (397678.3, 3767411.1,   144.9,   144.9,   2.0);   (397718.3,
3767411.1,   139.1,   145.3,   2.0);
     (396558.3, 3767451.1,   133.6,   133.6,   2.0);   (396598.3,
3767451.1,   127.7,   135.7,   2.0);
     (396638.3, 3767451.1,   120.9,   136.8,   2.0);   (396678.3,
3767451.1,   117.4,   179.2,   2.0);
     (396718.3, 3767451.1,   115.4,   186.6,   2.0);   (396758.3,
3767451.1,   110.2,   188.9,   2.0);
     (396798.3, 3767451.1,   106.8,   188.9,   2.0);   (396838.3,

3767451.1,   108.8,   188.9,   2.0);
     (396878.3, 3767451.1,   113.5,   188.9,   2.0);   (396918.3,
3767451.1,   118.9,   188.9,   2.0);
     (396958.3, 3767451.1,   125.3,   187.6,   2.0);   (396998.3,
3767451.1,   131.1,   186.6,   2.0);
     (397038.3, 3767451.1,   136.7,   142.2,   2.0);   (397078.3,
3767451.1,   140.6,   140.6,   2.0);
     (397118.3, 3767451.1,   141.6,   141.6,   2.0);   (397158.3,
3767451.1,   139.4,   139.4,   2.0);
     (397198.3, 3767451.1,   136.1,   136.1,   2.0);   (397238.3,
3767451.1,   133.5,   188.9,   2.0);
     (397278.3, 3767451.1,   131.8,   188.9,   2.0);   (397318.3,
3767451.1,   133.4,   188.9,   2.0);
     (397358.3, 3767451.1,   136.6,   149.0,   2.0);   (397398.3,
3767451.1,   145.4,   147.2,   2.0);
     (397438.3, 3767451.1,   147.7,   147.7,   2.0);   (397478.3,
3767451.1,   148.5,   148.5,   2.0);
     (397518.3, 3767451.1,   148.6,   148.6,   2.0);   (397558.3,
3767451.1,   147.8,   147.8,   2.0);
     (397598.3, 3767451.1,   146.3,   146.3,   2.0);   (397638.3,
3767451.1,   145.6,   145.6,   2.0);
     (397678.3, 3767451.1,   145.4,   145.4,   2.0);   (397718.3,
3767451.1,   143.1,   143.1,   2.0);
     (396558.3, 3767491.1,   132.0,   132.0,   2.0);   (396598.3,
3767491.1,   127.6,   136.8,   2.0);
     (396638.3, 3767491.1,   126.6,   136.8,   2.0);   (396678.3,
3767491.1,   125.9,   136.8,   2.0);
     (396718.3, 3767491.1,   122.0,   179.2,   2.0);   (396758.3,
3767491.1,   112.0,   188.9,   2.0);
     (396798.3, 3767491.1,   107.5,   188.9,   2.0);   (396838.3,
3767491.1,   109.0,   188.9,   2.0);
     (396878.3, 3767491.1,   112.7,   188.9,   2.0);   (396918.3,
3767491.1,   118.4,   188.9,   2.0);
     (396958.3, 3767491.1,   123.7,   188.9,   2.0);   (396998.3,
3767491.1,   128.9,   188.9,   2.0);
     (397038.3, 3767491.1,   135.5,   187.0,   2.0);   (397078.3,
3767491.1,   139.6,   139.6,   2.0);
     (397118.3, 3767491.1,   141.3,   141.3,   2.0);   (397158.3,
3767491.1,   140.1,   140.1,   2.0);
     (397198.3, 3767491.1,   137.2,   187.6,   2.0);   (397238.3,
3767491.1,   134.8,   188.9,   2.0);
     (397278.3, 3767491.1,   133.2,   188.9,   2.0);   (397318.3,
3767491.1,   133.0,   188.9,   2.0);
     (397358.3, 3767491.1,   135.1,   188.9,   2.0);   (397398.3,
3767491.1,   141.3,   148.1,   2.0);
     (397438.3, 3767491.1,   145.7,   145.7,   2.0);   (397478.3,
3767491.1,   148.2,   148.2,   2.0);
     (397518.3, 3767491.1,   149.0,   149.0,   2.0);   (397558.3,
3767491.1,   148.5,   148.5,   2.0);
     (397598.3, 3767491.1,   146.5,   146.5,   2.0);   (397638.3,

3767491.1,   146.2,   146.2,   2.0);
     (397678.3, 3767491.1,   145.9,   145.9,   2.0);   (397718.3,
3767491.1,   144.1,   145.4,   2.0);
     (396558.3, 3767531.1,   133.5,   133.5,   2.0);   (396598.3,
3767531.1,   132.4,   136.8,   2.0);
     (396638.3, 3767531.1,   134.6,   136.3,   2.0);   (396678.3,
3767531.1,   133.6,   136.3,   2.0);
     (396718.3, 3767531.1,   125.4,   179.2,   2.0);   (396758.3,
3767531.1,   111.2,   188.9,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396798.3, 3767531.1,   108.6,   188.9,   2.0);   (396838.3,
3767531.1,   112.0,   188.9,   2.0);
     (396878.3, 3767531.1,   113.6,   188.9,   2.0);   (396918.3,
3767531.1,   116.8,   188.9,   2.0);
     (396958.3, 3767531.1,   121.4,   188.9,   2.0);   (396998.3,
3767531.1,   126.2,   188.9,   2.0);
     (397038.3, 3767531.1,   133.5,   188.9,   2.0);   (397078.3,
3767531.1,   136.9,   188.9,   2.0);
     (397118.3, 3767531.1,   140.5,   187.6,   2.0);   (397158.3,
3767531.1,   140.7,   187.6,   2.0);
     (397198.3, 3767531.1,   138.5,   188.9,   2.0);   (397238.3,
3767531.1,   136.3,   188.9,   2.0);
     (397278.3, 3767531.1,   134.5,   188.9,   2.0);   (397318.3,
3767531.1,   133.7,   188.9,   2.0);
     (397358.3, 3767531.1,   134.0,   188.9,   2.0);   (397398.3,
3767531.1,   139.0,   188.9,   2.0);
     (397438.3, 3767531.1,   146.3,   146.3,   2.0);   (397478.3,
3767531.1,   148.9,   148.9,   2.0);
     (397518.3, 3767531.1,   149.4,   149.4,   2.0);   (397558.3,
3767531.1,   149.1,   149.1,   2.0);
     (397598.3, 3767531.1,   147.0,   147.0,   2.0);   (397638.3,
3767531.1,   147.3,   147.3,   2.0);
     (397678.3, 3767531.1,   147.5,   147.5,   2.0);   (397718.3,
3767531.1,   146.1,   147.0,   2.0);
     (397320.8, 3767219.1,   114.7,   149.3,   0.0);   (397330.8,
3767209.1,   114.5,   149.3,   0.0);
     (397340.8, 3767189.1,   113.5,   149.3,   0.0);   (397340.8,
3767199.1,   114.0,   149.3,   0.0);
     (397340.8, 3767209.1,   115.0,   149.3,   0.0);   (397350.8,

3767189.1,   113.7,   149.3,   0.0);
     (397350.8, 3767199.1,   114.3,   149.3,   0.0);   (397360.8,
3767189.1,   114.1,   149.3,   0.0);
     (397360.8, 3767199.1,   114.7,   149.3,   0.0);   (397370.8,
3767189.1,   114.4,   149.3,   0.0);
     (397380.8, 3767189.1,   114.9,   149.3,   0.0);   (396934.7,
3767169.5,   108.7,   142.2,   2.0);
     (397014.5, 3767229.6,   112.6,   142.2,   2.0);   (397044.1,
3767224.0,   112.6,   142.2,   2.0);
     (397113.6, 3767239.9,   112.1,   187.6,   2.0);   (397158.6,
3767280.3,   113.8,   188.9,   2.0);
     (397169.0, 3767307.0,   119.0,   187.6,   2.0);   (397244.0,
3767296.7,   118.1,   188.9,   2.0);
     (397261.0, 3767278.9,   117.5,   187.6,   2.0);   (397409.7,
3767205.7,   119.8,   149.0,   2.0);
     (397422.9, 3767189.2,   118.1,   149.0,   2.0);   (397426.6,
3767180.8,   117.9,   149.0,   2.0);
     (397420.5, 3767170.5,   116.8,   149.0,   2.0);   (397318.7,
3767160.1,   112.9,   149.0,   2.0);
     (397023.0, 3767083.6,   105.7,   142.2,   2.0);   (396920.4,
3767167.3,   108.8,   142.2,   2.0);
     (396990.0, 3767243.5,   119.6,   142.2,   2.0);   (397044.1,
3767224.0,   112.6,   142.2,   2.0);
     (397113.6, 3767239.9,   112.1,   187.6,   2.0);   (397158.6,
3767280.3,   113.8,   188.9,   2.0);
     (397169.0, 3767307.0,   119.0,   187.6,   2.0);   (397244.0,
3767296.7,   118.1,   188.9,   2.0);
     (397261.0, 3767278.9,   117.5,   187.6,   2.0);   (397409.7,
3767205.7,   119.8,   149.0,   2.0);
     (397422.9, 3767189.2,   118.1,   149.0,   2.0);   (397426.6,
3767180.8,   117.9,   149.0,   2.0);
     (397420.5, 3767170.5,   116.8,   149.0,   2.0);   (397318.7,
3767160.1,   112.9,   149.0,   2.0);
     (397023.0, 3767083.6,   105.7,   142.2,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                                SOURCE   - - RECEPTOR LOCATION - -

```
DISTANCE
                                ID            XR (METERS)   YR (METERS)
(METERS)
                            - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

                             L0000077            397014.5     3767229.6
0.32
                             L0000109            397044.1     3767224.0
-3.28
                             L0000109            397044.1     3767224.0
-3.28
                             L0000143            397113.6     3767239.9
-1.57
                             L0000143            397113.6     3767239.9
-1.57
                             L0000144            397113.6     3767239.9
-2.05
                             L0000144            397113.6     3767239.9
-2.05
                             L0000208            397158.6     3767280.3
0.54
                             L0000208            397158.6     3767280.3
0.54
                             L0000209            397158.6     3767280.3
-3.37
                             L0000209            397158.6     3767280.3
-3.37
                             L0000271            397318.7     3767160.1
-0.54
                             L0000271            397318.7     3767160.1
-0.54
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       16:13:40

                                   PAGE  55
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_V9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

```
 10 01 01   1 01  -38.6  0.384 -9.000 -9.000 -999.  572.    162.4  0.34   0.73
1.00    3.10  321.    9.1  283.8    5.5
 10 01 01   1 02  -33.5  0.333 -9.000 -9.000 -999.  462.    121.8  0.34   0.73
1.00    2.70  217.    9.1  282.5    5.5
 10 01 01   1 03  -21.9  0.218 -9.000 -9.000 -999.  251.     52.2  0.34   0.73
1.00    1.80  290.    9.1  282.5    5.5
 10 01 01   1 04  -27.1  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  255.    9.1  282.0    5.5
 10 01 01   1 05  -21.9  0.218 -9.000 -9.000 -999.  245.     52.2  0.34   0.73
1.00    1.80  234.    9.1  282.0    5.5
 10 01 01   1 06  -27.1  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  258.    9.1  282.0    5.5
 10 01 01   1 07  -27.2  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  213.    9.1  281.4    5.5
 10 01 01   1 08  -22.6  0.335 -9.000 -9.000 -999.  466.    151.7  0.34   0.73
0.54    2.70  215.    9.1  282.0    5.5
 10 01 01   1 09   26.9  0.249  0.347  0.008   56.  302.    -51.9  0.34   0.73
0.32    1.80  199.    9.1  284.2    5.5
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5
```

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM-10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   0.01868   396598.26
3766771.08   0.02229
         396638.26   3766771.08   0.02731   396678.26
3766771.08   0.03271
         396718.26   3766771.08   0.03894   396758.26
3766771.08   0.04404
         396798.26   3766771.08   0.04750   396838.26
3766771.08   0.05073
         396878.26   3766771.08   0.05183   396918.26
3766771.08   0.05059
         396958.26   3766771.08   0.04704   396998.26
3766771.08   0.04156
         397038.26   3766771.08   0.03520   397078.26
3766771.08   0.02909
         397118.26   3766771.08   0.02390   397158.26
3766771.08   0.01997

```
         397198.26    3766771.08        0.01741                    397238.26
3766771.08        0.01588
         397278.26    3766771.08        0.01499                    397318.26
3766771.08        0.01447
         397358.26    3766771.08        0.01408                    397398.26
3766771.08        0.01367
         397438.26    3766771.08        0.01320                    397478.26
3766771.08        0.01264
         397518.26    3766771.08        0.01203                    397558.26
3766771.08        0.01139
         397598.26    3766771.08        0.01073                    397638.26
3766771.08        0.01006
         397678.26    3766771.08        0.00944                    397718.26
3766771.08        0.00881
         396558.26    3766811.08        0.01865                    396598.26
3766811.08        0.02198
         396638.26    3766811.08        0.02719                    396678.26
3766811.08        0.03343
         396718.26    3766811.08        0.03948                    396758.26
3766811.08        0.04537
         396798.26    3766811.08        0.05179                    396838.26
3766811.08        0.05731
         396878.26    3766811.08        0.06044                    396918.26
3766811.08        0.06082
         396958.26    3766811.08        0.05784                    396998.26
3766811.08        0.05191
         397038.26    3766811.08        0.04417                    397078.26
3766811.08        0.03624
         397118.26    3766811.08        0.02943                    397158.26
3766811.08        0.02428
         397198.26    3766811.08        0.02077                    397238.26
3766811.08        0.01864
         397278.26    3766811.08        0.01744                    397318.26
3766811.08        0.01679
         397358.26    3766811.08        0.01626                    397398.26
3766811.08        0.01571
         397438.26    3766811.08        0.01505                    397478.26
3766811.08        0.01434
         397518.26    3766811.08        0.01355                    397558.26
3766811.08        0.01273
         397598.26    3766811.08        0.01191                    397638.26
3766811.08        0.01113
         397678.26    3766811.08        0.01036                    397718.26
3766811.08        0.00960
         396558.26    3766851.08        0.01846                    396598.26
3766851.08        0.02172
         396638.26    3766851.08        0.02607                    396678.26
3766851.08        0.03221
         396718.26    3766851.08        0.03881                    396758.26
3766851.08        0.04628
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         396798.26    3766851.08        0.05485                      396838.26
3766851.08        0.06288
         396878.26    3766851.08        0.06942                      396918.26
3766851.08        0.07196
         396958.26    3766851.08        0.07056                      396998.26
3766851.08        0.06475
         397038.26    3766851.08        0.05579                      397078.26
3766851.08        0.04595
         397118.26    3766851.08        0.03701                      397158.26
3766851.08        0.02991
         397198.26    3766851.08        0.02517                      397238.26
3766851.08        0.02242
         397278.26    3766851.08        0.02082                      397318.26
3766851.08        0.01968
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  58
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-10    IN MICROGRAMS/M**3
                     **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        0.01892                      397398.26
3766851.08        0.01815
         397438.26    3766851.08        0.01728                      397478.26
3766851.08        0.01632
         397518.26    3766851.08        0.01531                      397558.26
3766851.08        0.01428
         397598.26    3766851.08        0.01325                      397638.26
3766851.08        0.01228
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         397678.26    3766851.08        0.01132                    397718.26
3766851.08        0.01041
         396558.26    3766891.08        0.01799                    396598.26
3766891.08        0.02133
         396638.26    3766891.08        0.02560                    396678.26
3766891.08        0.03125
         396718.26    3766891.08        0.03840                    396758.26
3766891.08        0.04664
         396798.26    3766891.08        0.05658                    396838.26
3766891.08        0.06710
         396878.26    3766891.08        0.07733                    396918.26
3766891.08        0.08307
         396958.26    3766891.08        0.08478                    396998.26
3766891.08        0.08042
         397038.26    3766891.08        0.07097                    397078.26
3766891.08        0.05993
         397118.26    3766891.08        0.04771                    397158.26
3766891.08        0.03726
         397198.26    3766891.08        0.03103                    397238.26
3766891.08        0.02725
         397278.26    3766891.08        0.02515                    397318.26
3766891.08        0.02378
         397358.26    3766891.08        0.02244                    397398.26
3766891.08        0.02113
         397438.26    3766891.08        0.01991                    397478.26
3766891.08        0.01863
         397518.26    3766891.08        0.01732                    397558.26
3766891.08        0.01599
         397598.26    3766891.08        0.01472                    397638.26
3766891.08        0.01350
         397678.26    3766891.08        0.01232                    397718.26
3766891.08        0.01126
         396558.26    3766931.08        0.01753                    396598.26
3766931.08        0.02061
         396638.26    3766931.08        0.02501                    396678.26
3766931.08        0.03026
         396718.26    3766931.08        0.03707                    396758.26
3766931.08        0.04596
         396798.26    3766931.08        0.05641                    396838.26
3766931.08        0.06944
         396878.26    3766931.08        0.08263                    396918.26
3766931.08        0.09411
         396958.26    3766931.08        0.10054                    396998.26
3766931.08        0.10005
         397038.26    3766931.08        0.09257                    397078.26
3766931.08        0.07934
         397118.26    3766931.08        0.06386                    397158.26
3766931.08        0.04933
         397198.26    3766931.08        0.03946                    397238.26
3766931.08        0.03382
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         397278.26    3766931.08        0.03062                      397318.26
3766931.08        0.02874
         397358.26    3766931.08        0.02741                      397398.26
3766931.08        0.02528
         397438.26    3766931.08        0.02317                      397478.26
3766931.08        0.02132
         397518.26    3766931.08        0.01962                      397558.26
3766931.08        0.01789
         397598.26    3766931.08        0.01628                      397638.26
3766931.08        0.01474
         397678.26    3766931.08        0.01334                      397718.26
3766931.08        0.01214
         396558.26    3766971.08        0.01698                      396598.26
3766971.08        0.01997
         396638.26    3766971.08        0.02389                      396678.26
3766971.08        0.02893
         396718.26    3766971.08        0.03556                      396758.26
3766971.08        0.04374
         396798.26    3766971.08        0.05497                      396838.26
3766971.08        0.06877
         396878.26    3766971.08        0.08595                      396918.26
3766971.08        0.10352
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  59
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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396958.26 3766971.08 0.11768 396998.26 3766971.08 0.12490
397038.26 3766971.08 0.12118 397078.26 3766971.08 0.10966
397118.26 3766971.08 0.10351 397158.26 3766971.08 0.08536
397198.26 3766971.08 0.05805 397238.26 3766971.08 0.04460
397278.26 3766971.08 0.03813 397318.26 3766971.08 0.03533
397358.26 3766971.08 0.03133 397398.26 3766971.08 0.02919
397438.26 3766971.08 0.02730 397478.26 3766971.08 0.02451
397518.26 3766971.08 0.02211 397558.26 3766971.08 0.01989
397598.26 3766971.08 0.01785 397638.26 3766971.08 0.01600
397678.26 3766971.08 0.01434 397718.26 3766971.08 0.01300
396558.26 3767011.08 0.01637 396598.26 3767011.08 0.01910
396638.26 3767011.08 0.02281 396678.26 3767011.08 0.02751
396718.26 3767011.08 0.03346 396758.26 3767011.08 0.04156
396798.26 3767011.08 0.05184 396838.26 3767011.08 0.06641
396878.26 3767011.08 0.08566 396918.26 3767011.08 0.11005
396958.26 3767011.08 0.13330 396998.26 3767011.08 0.15248
397038.26 3767011.08 0.16669 397078.26 3767011.08 0.19087
397118.26 3767011.08 0.17599 397158.26 3767011.08 0.12615
397198.26 3767011.08 0.08706 397238.26 3767011.08 0.06415
397278.26 3767011.08 0.05160 397318.26 3767011.08 0.04310
397358.26 3767011.08 0.03713 397398.26 3767011.08 0.03324
397438.26 3767011.08 0.03076 397478.26 3767011.08 0.02789
397518.26 3767011.08 0.02471 397558.26 3767011.08 0.02192
397598.26 3767011.08 0.01946 397638.26 3767011.08 0.01729
397678.26 3767011.08 0.01536 397718.26 3767011.08 0.01376

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         396558.26    3767051.08        0.01582                      396598.26
3767051.08        0.01840
         396638.26    3767051.08        0.02162                      396678.26
3767051.08        0.02596
         396718.26    3767051.08        0.03155                      396758.26
3767051.08        0.03876
         396798.26    3767051.08        0.04844                      396838.26
3767051.08        0.06192
         396878.26    3767051.08        0.08180                      396918.26
3767051.08        0.11138
         396958.26    3767051.08        0.14605                      396998.26
3767051.08        0.20291
         397038.26    3767051.08        0.26083                      397078.26
3767051.08        0.23582
         397118.26    3767051.08        0.21556                      397158.26
3767051.08        0.16111
         397198.26    3767051.08        0.11322                      397238.26
3767051.08        0.08165
         397278.26    3767051.08        0.06922                      397318.26
3767051.08        0.05656
         397358.26    3767051.08        0.04494                      397398.26
3767051.08        0.03861
         397438.26    3767051.08        0.03430                      397478.26
3767051.08        0.03074
         397518.26    3767051.08        0.02740                      397558.26
3767051.08        0.02419
         397598.26    3767051.08        0.02124                      397638.26
3767051.08        0.01866
         397678.26    3767051.08        0.01653                      397718.26
3767051.08        0.01461
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  60
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	0.01529	396598.26	3767091.08	0.01775
396638.26	3767091.08	0.02062	396678.26	3767091.08	0.02437
396718.26	3767091.08	0.02940	396758.26	3767091.08	0.03587
396798.26	3767091.08	0.04462	396838.26	3767091.08	0.05676
396878.26	3767091.08	0.07448	396918.26	3767091.08	0.10205
396958.26	3767091.08	0.16178	396998.26	3767091.08	0.29826
397078.26	3767091.08	0.30558	397118.26	3767091.08	0.32309
397158.26	3767091.08	0.26799	397198.26	3767091.08	0.17786
397238.26	3767091.08	0.11782	397278.26	3767091.08	0.09071
397318.26	3767091.08	0.07780	397358.26	3767091.08	0.05469
397398.26	3767091.08	0.04509	397438.26	3767091.08	0.03862
397478.26	3767091.08	0.03320	397518.26	3767091.08	0.02897
397558.26	3767091.08	0.02526	397598.26	3767091.08	0.02249
397638.26	3767091.08	0.02039	397678.26	3767091.08	0.01793
397718.26	3767091.08	0.01573	396558.26	3767131.08	0.01489
396598.26	3767131.08	0.01714	396638.26	3767131.08	0.01984
396678.26	3767131.08	0.02299	396718.26	3767131.08	0.02734
396758.26	3767131.08	0.03319	396798.26	3767131.08	0.04092
396838.26	3767131.08	0.05143	396878.26	3767131.08	0.06660
396918.26	3767131.08	0.08837	396958.26	3767131.08	0.14301
397238.26	3767131.08	0.21641	397278.26	3767131.08	0.13652

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         397318.26    3767131.08        0.10149                      397358.26
3767131.08        0.07062
         397398.26    3767131.08        0.05279                      397438.26
3767131.08        0.04429
         397478.26    3767131.08        0.03738                      397518.26
3767131.08        0.03221
         397558.26    3767131.08        0.02801                      397598.26
3767131.08        0.02453
         397638.26    3767131.08        0.02206                      397678.26
3767131.08        0.01953
         397718.26    3767131.08        0.01719                      396558.26
3767171.08        0.01461
         396598.26    3767171.08        0.01666                      396638.26
3767171.08        0.01919
         396678.26    3767171.08        0.02205                      396718.26
3767171.08        0.02566
         396758.26    3767171.08        0.03069                      396798.26
3767171.08        0.03761
         396838.26    3767171.08        0.04695                      396878.26
3767171.08        0.06020
         396918.26    3767171.08        0.07876                      397438.26
3767171.08        0.05349
         397478.26    3767171.08        0.04491                      397518.26
3767171.08        0.03826
         397558.26    3767171.08        0.03297                      397598.26
3767171.08        0.02864
         397638.26    3767171.08        0.02495                      397678.26
3767171.08        0.02171
         397718.26    3767171.08        0.01903                      396558.26
3767211.08        0.01436
         396598.26    3767211.08        0.01635                      396638.26
3767211.08        0.01870
         396678.26    3767211.08        0.02159                      396718.26
3767211.08        0.02460
         396758.26    3767211.08        0.02881                      396798.26
3767211.08        0.03471
         396838.26    3767211.08        0.04308                      396878.26
3767211.08        0.05411
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  61
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08        0.06862                      396958.26
3767211.08        0.08508
         397438.26    3767211.08        0.06983                      397478.26
3767211.08        0.05662
         397518.26    3767211.08        0.04738                      397558.26
3767211.08        0.04009
         397598.26    3767211.08        0.03425                      397638.26
3767211.08        0.02922
         397678.26    3767211.08        0.02502                      397718.26
3767211.08        0.02161
         396558.26    3767251.08        0.01421                      396598.26
3767251.08        0.01617
         396638.26    3767251.08        0.01848                      396678.26
3767251.08        0.02129
         396718.26    3767251.08        0.02422                      396758.26
3767251.08        0.02761
         396798.26    3767251.08        0.03269                      396838.26
3767251.08        0.03967
         396878.26    3767251.08        0.04981                      396918.26
3767251.08        0.05931
         396958.26    3767251.08        0.07293                      396998.26
3767251.08        0.09802
         397038.26    3767251.08        0.14878                      397078.26
3767251.08        0.23911
         397118.26    3767251.08        0.50249                      397318.26
3767251.08        0.26974
         397358.26    3767251.08        0.18173                      397398.26
3767251.08        0.13010
         397438.26    3767251.08        0.09839                      397478.26
3767251.08        0.07604
         397518.26    3767251.08        0.06106                      397558.26
3767251.08        0.04988
         397598.26    3767251.08        0.04152                      397638.26
3767251.08        0.03500
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         397678.26    3767251.08        0.02954                      397718.26
3767251.08        0.02512
         396558.26    3767291.08        0.01313                      396598.26
3767291.08        0.01506
         396638.26    3767291.08        0.01727                      396678.26
3767291.08        0.02014
         396718.26    3767291.08        0.02388                      396758.26
3767291.08        0.02676
         396798.26    3767291.08        0.03118                      396838.26
3767291.08        0.03730
         396878.26    3767291.08        0.04502                      396918.26
3767291.08        0.05345
         396958.26    3767291.08        0.06634                      396998.26
3767291.08        0.09281
         397038.26    3767291.08        0.17280                      397078.26
3767291.08        0.28089
         397118.26    3767291.08        0.32561                      397158.26
3767291.08        0.48956
         397278.26    3767291.08        0.43314                      397318.26
3767291.08        0.36589
         397358.26    3767291.08        0.23883                      397398.26
3767291.08        0.17819
         397438.26    3767291.08        0.13190                      397478.26
3767291.08        0.10029
         397518.26    3767291.08        0.07847                      397558.26
3767291.08        0.06286
         397598.26    3767291.08        0.05111                      397638.26
3767291.08        0.04206
         397678.26    3767291.08        0.03518                      397718.26
3767291.08        0.02955
         396558.26    3767331.08        0.01269                      396598.26
3767331.08        0.01438
         396638.26    3767331.08        0.01643                      396678.26
3767331.08        0.01920
         396718.26    3767331.08        0.02258                      396758.26
3767331.08        0.02609
         396798.26    3767331.08        0.02989                      396838.26
3767331.08        0.03536
         396878.26    3767331.08        0.04181                      396918.26
3767331.08        0.04961
         396958.26    3767331.08        0.06238                      396998.26
3767331.08        0.08547
         397038.26    3767331.08        0.14041                      397078.26
3767331.08        0.24632
         397118.26    3767331.08        0.34461                      397158.26
3767331.08        0.45422
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	0.49256	397238.26	3767331.08	0.49930
397278.26	3767331.08	0.44866	397318.26	3767331.08	0.33722
397358.26	3767331.08	0.26831	397398.26	3767331.08	0.20913
397438.26	3767331.08	0.15864	397478.26	3767331.08	0.12211
397518.26	3767331.08	0.09591	397558.26	3767331.08	0.07669
397598.26	3767331.08	0.06164	397638.26	3767331.08	0.05019
397678.26	3767331.08	0.04145	397718.26	3767331.08	0.03449
396558.26	3767371.08	0.01237	396598.26	3767371.08	0.01400
396638.26	3767371.08	0.01599	396678.26	3767371.08	0.01861
396718.26	3767371.08	0.02192	396758.26	3767371.08	0.02513
396798.26	3767371.08	0.02857	396838.26	3767371.08	0.03335
396878.26	3767371.08	0.03968	396918.26	3767371.08	0.04684
396958.26	3767371.08	0.05888	396998.26	3767371.08	0.07966

```
         397038.26    3767371.08        0.11706                    397078.26
3767371.08        0.17948
         397118.26    3767371.08        0.24862                    397158.26
3767371.08        0.32477
         397198.26    3767371.08        0.35970                    397238.26
3767371.08        0.36296
         397278.26    3767371.08        0.34106                    397318.26
3767371.08        0.30537
         397358.26    3767371.08        0.25929                    397398.26
3767371.08        0.21415
         397438.26    3767371.08        0.17044                    397478.26
3767371.08        0.13571
         397518.26    3767371.08        0.10884                    397558.26
3767371.08        0.08785
         397598.26    3767371.08        0.07137                    397638.26
3767371.08        0.05814
         397678.26    3767371.08        0.04758                    397718.26
3767371.08        0.03946
         396558.26    3767411.08        0.01199                    396598.26
3767411.08        0.01359
         396638.26    3767411.08        0.01559                    396678.26
3767411.08        0.01804
         396718.26    3767411.08        0.02092                    396758.26
3767411.08        0.02406
         396798.26    3767411.08        0.02726                    396838.26
3767411.08        0.03174
         396878.26    3767411.08        0.03742                    396918.26
3767411.08        0.04430
         396958.26    3767411.08        0.05509                    396998.26
3767411.08        0.07331
         397038.26    3767411.08        0.10286                    397078.26
3767411.08        0.14363
         397118.26    3767411.08        0.18980                    397158.26
3767411.08        0.23384
         397198.26    3767411.08        0.26660                    397238.26
3767411.08        0.28294
         397278.26    3767411.08        0.27990                    397318.26
3767411.08        0.26187
         397358.26    3767411.08        0.23199                    397398.26
3767411.08        0.20144
         397438.26    3767411.08        0.16906                    397478.26
3767411.08        0.14014
         397518.26    3767411.08        0.11549                    397558.26
3767411.08        0.09516
         397598.26    3767411.08        0.07822                    397638.26
3767411.08        0.06443
         397678.26    3767411.08        0.05319                    397718.26
3767411.08        0.04389
         396558.26    3767451.08        0.01163                    396598.26
3767451.08        0.01310
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	0.02589	396838.26	3767451.08	0.03032
396878.26	3767451.08	0.03534	396918.26	3767451.08	0.04173
396958.26	3767451.08	0.05135	396998.26	3767451.08	0.06632
397038.26	3767451.08	0.08878	397078.26	3767451.08	0.11891
397118.26	3767451.08	0.15328	397158.26	3767451.08	0.18552
397198.26	3767451.08	0.21144	397238.26	3767451.08	0.22680
397278.26	3767451.08	0.22907	397318.26	3767451.08	0.21963
397358.26	3767451.08	0.20287	397398.26	3767451.08	0.18168
397438.26	3767451.08	0.15863	397478.26	3767451.08	0.13655

```
         397518.26    3767451.08        0.11613                    397558.26
3767451.08        0.09783
         397598.26    3767451.08        0.08183                    397638.26
3767451.08        0.06829
         397678.26    3767451.08        0.05706                    397718.26
3767451.08        0.04764
         396558.26    3767491.08        0.01122                    396598.26
3767491.08        0.01257
         396638.26    3767491.08        0.01412                    396678.26
3767491.08        0.01592
         396718.26    3767491.08        0.01816                    396758.26
3767491.08        0.02155
         396798.26    3767491.08        0.02454                    396838.26
3767491.08        0.02866
         396878.26    3767491.08        0.03345                    396918.26
3767491.08        0.03925
         396958.26    3767491.08        0.04776                    396998.26
3767491.08        0.06011
         397038.26    3767491.08        0.07740                    397078.26
3767491.08        0.10011
         397118.26    3767491.08        0.12552                    397158.26
3767491.08        0.15018
         397198.26    3767491.08        0.17095                    397238.26
3767491.08        0.18402
         397278.26    3767491.08        0.18888                    397318.26
3767491.08        0.18483
         397358.26    3767491.08        0.17443                    397398.26
3767491.08        0.16081
         397438.26    3767491.08        0.14500                    397478.26
3767491.08        0.12798
         397518.26    3767491.08        0.11165                    397558.26
3767491.08        0.09619
         397598.26    3767491.08        0.08214                    397638.26
3767491.08        0.06986
         397678.26    3767491.08        0.05904                    397718.26
3767491.08        0.04994
         396558.26    3767531.08        0.01078                    396598.26
3767531.08        0.01200
         396638.26    3767531.08        0.01338                    396678.26
3767531.08        0.01504
         396718.26    3767531.08        0.01713                    396758.26
3767531.08        0.02055
         396798.26    3767531.08        0.02333                    396838.26
3767531.08        0.02698
         396878.26    3767531.08        0.03133                    396918.26
3767531.08        0.03693
         396958.26    3767531.08        0.04444                    396998.26
3767531.08        0.05479
         397038.26    3767531.08        0.06866                    397078.26
3767531.08        0.08601
```

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   0.07979   397638.26
3767531.08   0.06896
         397678.26   3767531.08   0.05935   397718.26
3767531.08   0.05089
         397320.82   3767219.11   0.28928   397330.82
3767209.11   0.26075
         397340.82   3767189.11   0.19662   397340.82
3767199.11   0.22010
         397340.82   3767209.11   0.23713   397350.82
3767189.11   0.17145

```
         397350.82    3767199.11        0.18898                      397360.82
3767189.11        0.13375
         397360.82    3767199.11        0.14702                      397370.82
3767189.11        0.10328
         397380.82    3767189.11        0.08620                      396934.73
3767169.52        0.08781
         397014.53    3767229.60        0.12459                      397044.10
3767223.97        0.20359
         397113.57    3767239.93        0.55973                      397158.63
3767280.29        0.57549
         397168.95    3767307.05        0.41770                      397244.05
3767296.72        0.45146
         397260.95    3767278.88        0.40937                      397409.74
3767205.66        0.07938
         397422.89    3767189.23        0.06448                      397426.64
3767180.78        0.05981
         397420.54    3767170.46        0.05805                      397318.68
3767160.13        0.13571
         397022.98    3767083.62        0.29140                      396920.42
3767167.32        0.08069
         396989.95    3767243.54        0.09333                      397044.10
3767223.97        0.20359
         397113.57    3767239.93        0.55973                      397158.63
3767280.29        0.57549
         397168.95    3767307.05        0.41770                      397244.05
3767296.72        0.45146
         397260.95    3767278.88        0.40937                      397409.74
3767205.66        0.07938
         397422.89    3767189.23        0.06448                      397426.64
3767180.78        0.05981
         397420.54    3767170.46        0.05805                      397318.68
3767160.13        0.13571
         397022.98    3767083.62        0.29140

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  65
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.89389	396598.26	3766771.08	2.06970
396638.26	3766771.08	2.28569	396678.26	3766771.08	2.49730
396718.26	3766771.08	2.71939	396758.26	3766771.08	2.94447
396798.26	3766771.08	3.16369	396838.26	3766771.08	3.40678
396878.26	3766771.08	3.64835	396918.26	3766771.08	3.88426
396958.26	3766771.08	4.09880	396998.26	3766771.08	4.27432
397038.26	3766771.08	4.40341	397078.26	3766771.08	4.47760
397118.26	3766771.08	4.48596	397158.26	3766771.08	4.42702
397198.26	3766771.08	4.33171	397238.26	3766771.08	4.19996
397278.26	3766771.08	4.03399	397318.26	3766771.08	3.84049
397358.26	3766771.08	3.62575	397398.26	3766771.08	3.40321
397438.26	3766771.08	3.17551	397478.26	3766771.08	2.95219
397518.26	3766771.08	2.73706	397558.26	3766771.08	2.53298
397598.26	3766771.08	2.34241	397638.26	3766771.08	2.16623
397678.26	3766771.08	2.00426	397718.26	3766771.08	1.85561
396558.26	3766811.08	2.00567	396598.26	3766811.08	2.19401
396638.26	3766811.08	2.44589	396678.26	3766811.08	2.70568
396718.26	3766811.08	2.96497	396758.26	3766811.08	3.22691
396798.26	3766811.08	3.52733	396838.26		

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3766811.08        3.84510
         396878.26    3766811.08        4.16729                    396918.26
3766811.08        4.48771
         396958.26    3766811.08        4.78468                    396998.26
3766811.08        5.03321
         397038.26    3766811.08        5.21483                    397078.26
3766811.08        5.31853
         397118.26    3766811.08        5.35242                    397158.26
3766811.08        5.29419
         397198.26    3766811.08        5.14466                    397238.26
3766811.08        4.93356
         397278.26    3766811.08        4.68786                    397318.26
3766811.08        4.42222
         397358.26    3766811.08        4.13933                    397398.26
3766811.08        3.84710
         397438.26    3766811.08        3.55518                    397478.26
3766811.08        3.27408
         397518.26    3766811.08        3.00740                    397558.26
3766811.08        2.75936
         397598.26    3766811.08        2.53173                    397638.26
3766811.08        2.32458
         397678.26    3766811.08        2.13713                    397718.26
3766811.08        1.96789
         396558.26    3766851.08        2.12673                    396598.26
3766851.08        2.32957
         396638.26    3766851.08        2.58560                    396678.26
3766851.08        2.89181
         396718.26    3766851.08        3.21208                    396758.26
3766851.08        3.55510
         396798.26    3766851.08        3.94153                    396838.26
3766851.08        4.36155
         396878.26    3766851.08        4.80742                    396918.26
3766851.08        5.24117
         396958.26    3766851.08        5.65919                    396998.26
3766851.08        6.01944
         397038.26    3766851.08        6.28190                    397078.26
3766851.08        6.44758
         397118.26    3766851.08        6.49964                    397158.26
3766851.08        6.41736
         397198.26    3766851.08        6.21127                    397238.26
3766851.08        5.92446
         397278.26    3766851.08        5.56613                    397318.26
3766851.08        5.15937
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  66
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.76686	397398.26	3766851.08	4.37744
397438.26	3766851.08	4.00004	397478.26	3766851.08	3.64198
397518.26	3766851.08	3.31010	397558.26	3766851.08	3.00777
397598.26	3766851.08	2.73556	397638.26	3766851.08	2.49221
397678.26	3766851.08	2.27539	397718.26	3766851.08	2.08258
396558.26	3766891.08	2.24546	396598.26	3766891.08	2.47260
396638.26	3766891.08	2.76038	396678.26	3766891.08	3.11538
396718.26	3766891.08	3.49694	396758.26	3766891.08	3.93035
396798.26	3766891.08	4.42347	396838.26	3766891.08	4.97482
396878.26	3766891.08	5.58732	396918.26	3766891.08	6.19245
396958.26	3766891.08	6.80252	396998.26	3766891.08	7.33781
397038.26	3766891.08	7.74249	397078.26	3766891.08	8.02561
397118.26	3766891.08	8.08274	397158.26	3766891.08	7.91490
397198.26	3766891.08	7.64363	397238.26	3766891.08	7.21342

```
         397278.26    3766891.08        6.70750                    397318.26
3766891.08        6.15673
         397358.26    3766891.08        5.57549                    397398.26
3766891.08        5.02015
         397438.26    3766891.08        4.51911                    397478.26
3766891.08        4.06054
         397518.26    3766891.08        3.64764                    397558.26
3766891.08        3.27811
         397598.26    3766891.08        2.95275                    397638.26
3766891.08        2.66739
         397678.26    3766891.08        2.41747                    397718.26
3766891.08        2.19893
         396558.26    3766931.08        2.36727                    396598.26
3766931.08        2.62590
         396638.26    3766931.08        2.96007                    396678.26
3766931.08        3.34007
         396718.26    3766931.08        3.80863                    396758.26
3766931.08        4.34780
         396798.26    3766931.08        4.98055                    396838.26
3766931.08        5.70953
         396878.26    3766931.08        6.53579                    396918.26
3766931.08        7.43748
         396958.26    3766931.08        8.35239                    396998.26
3766931.08        9.19987
         397038.26    3766931.08        9.88704                    397078.26
3766931.08       10.29555
         397118.26    3766931.08       10.36796                    397158.26
3766931.08       10.11080
         397198.26    3766931.08        9.63207                    397238.26
3766931.08        8.97632
         397278.26    3766931.08        8.20354                    397318.26
3766931.08        7.40811
         397358.26    3766931.08        6.63348                    397398.26
3766931.08        5.85438
         397438.26    3766931.08        5.14586                    397478.26
3766931.08        4.54167
         397518.26    3766931.08        4.02356                    397558.26
3766931.08        3.56932
         397598.26    3766931.08        3.18040                    397638.26
3766931.08        2.84709
         397678.26    3766931.08        2.56060                    397718.26
3766931.08        2.31546
         396558.26    3766971.08        2.48219                    396598.26
3766971.08        2.77353
         396638.26    3766971.08        3.13787                    396678.26
3766971.08        3.57569
         396718.26    3766971.08        4.12039                    396758.26
3766971.08        4.78644
         396798.26    3766971.08        5.59802                    396838.26
3766971.08        6.59204
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	10.56406	396998.26	3766971.08	12.02908
397038.26	3766971.08	13.18369	397078.26	3766971.08	13.78118
397118.26	3766971.08	13.80586	397158.26	3766971.08	13.31431
397198.26	3766971.08	12.47942	397238.26	3766971.08	11.43009
397278.26	3766971.08	10.25754	397318.26	3766971.08	9.07460
397358.26	3766971.08	7.15730	397398.26	3766971.08	6.44998
397438.26	3766971.08	5.90582	397478.26	3766971.08	5.09743
397518.26	3766971.08	4.43172	397558.26	3766971.08	3.87617
397598.26	3766971.08	3.41413	397638.26	3766971.08	3.02684
397678.26	3766971.08	2.70032	397718.26		

3766971.08 2.42760
396558.26 3767011.08 2.58876 396598.26
3767011.08 2.90306
396638.26 3767011.08 3.30753 396678.26
3767011.08 3.81071
396718.26 3767011.08 4.43604 396758.26
3767011.08 5.23888
396798.26 3767011.08 6.26796 396838.26
3767011.08 7.60466
396878.26 3767011.08 9.30160 396918.26
3767011.08 11.43459
396958.26 3767011.08 13.90491 396998.26
3767011.08 16.63388
397038.26 3767011.08 18.73281 397078.26
3767011.08 19.64229
397118.26 3767011.08 19.41269 397158.26
3767011.08 18.34537
397198.26 3767011.08 16.83057 397238.26
3767011.08 15.06093
397278.26 3767011.08 13.20290 397318.26
3767011.08 11.34398
397358.26 3767011.08 8.46495 397398.26
3767011.08 6.84448
397438.26 3767011.08 6.51598 397478.26
3767011.08 5.70587
397518.26 3767011.08 4.86277 397558.26
3767011.08 4.19067
397598.26 3767011.08 3.64633 397638.26
3767011.08 3.20228
397678.26 3767011.08 2.83477 397718.26
3767011.08 2.53293
396558.26 3767051.08 2.67896 396598.26
3767051.08 3.02765
396638.26 3767051.08 3.45464 396678.26
3767051.08 4.01796
396718.26 3767051.08 4.73637 396758.26
3767051.08 5.67702
396798.26 3767051.08 6.95375 396838.26
3767051.08 8.71478
396878.26 3767051.08 11.21975 396918.26
3767051.08 14.80115
396958.26 3767051.08 19.61050 396998.26
3767051.08 25.45146
397038.26 3767051.08 30.07532 397078.26
3767051.08 31.07617
397118.26 3767051.08 29.65255 397158.26
3767051.08 27.05935
397198.26 3767051.08 24.05502 397238.26
3767051.08 20.87906
397278.26 3767051.08 17.74739 397318.26

3767051.08   14.57535
         397358.26   3767051.08   11.08532   397398.26
3767051.08   8.10063
         397438.26   3767051.08   6.93869   397478.26
3767051.08   6.17983
         397518.26   3767051.08   5.31266   397558.26
3767051.08   4.50805
         397598.26   3767051.08   3.87278   397638.26
3767051.08   3.36727
         397678.26   3767051.08   2.95997   397718.26
3767051.08   2.60084

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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3767091.08   4.17385
         396718.26   3767091.08   4.97557   396758.26
3767091.08   6.05513
         396798.26   3767091.08   7.56760   396838.26
3767091.08   9.81884
         396878.26   3767091.08   13.35854   396918.26
3767091.08   19.33993

396958.26 3767091.08 29.77124 396998.26
3767091.08 49.88788
397078.26 3767091.08 60.36278 397118.26
3767091.08 52.68367
397158.26 3767091.08 44.95449 397198.26
3767091.08 37.89481
397238.26 3767091.08 31.53268 397278.26
3767091.08 25.74925
397318.26 3767091.08 19.86715 397358.26
3767091.08 14.12661
397398.26 3767091.08 9.92660 397438.26
3767091.08 7.66716
397478.26 3767091.08 5.98645 397518.26
3767091.08 5.03016
397558.26 3767091.08 4.17768 397598.26
3767091.08 3.79929
397638.26 3767091.08 3.51604 397678.26
3767091.08 3.07020
397718.26 3767091.08 2.69405 396558.26
3767131.08 2.81350
396598.26 3767131.08 3.20945 396638.26
3767131.08 3.69668
396678.26 3767131.08 4.29030 396718.26
3767131.08 5.12135
396758.26 3767131.08 6.30249 396798.26
3767131.08 8.01104
396838.26 3767131.08 10.67083 396878.26
3767131.08 15.36551
396918.26 3767131.08 25.11761 396958.26
3767131.08 52.52452
397238.26 3767131.08 58.02198 397278.26
3767131.08 44.72405
397318.26 3767131.08 30.45068 397358.26
3767131.08 18.17852
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3767131.08 8.57655
397478.26 3767131.08 6.22861 397518.26
3767131.08 5.11399
397558.26 3767131.08 4.28833 397598.26
3767131.08 3.80342
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3767131.08 3.15124
397718.26 3767131.08 2.76020 396558.26
3767171.08 2.84573
396598.26 3767171.08 3.24632 396638.26
3767171.08 3.75130
396678.26 3767171.08 4.37056 396718.26
3767171.08 5.18171
396758.26 3767171.08 6.37118 396798.26
3767171.08 8.17005

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         396838.26    3767171.08       11.01700                      396878.26
3767171.08       16.26982
         396918.26    3767171.08       29.12143                      397438.26
3767171.08        9.28132
         397478.26    3767171.08        6.99565                      397518.26
3767171.08        5.76165
         397558.26    3767171.08        4.81302                      397598.26
3767171.08        4.12142
         397638.26    3767171.08        3.61755                      397678.26
3767171.08        3.13169
         397718.26    3767171.08        2.76132                      396558.26
3767211.08        2.84126
         396598.26    3767211.08        3.24261                      396638.26
3767211.08        3.74254
         396678.26    3767211.08        4.38460                      396718.26
3767211.08        5.16781
         396758.26    3767211.08        6.28225                      396798.26
3767211.08        7.97177
         396838.26    3767211.08       10.66530                      396878.26
3767211.08       15.21244
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  69
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3767211.08        4.89340
         397598.26    3767211.08        4.19277                    397638.26
3767211.08        3.58326
         397678.26    3767211.08        3.09219                    397718.26
3767211.08        2.72485
         396558.26    3767251.08        2.81406                    396598.26
3767251.08        3.20408
         396638.26    3767251.08        3.69041                    396678.26
3767251.08        4.30925
         396718.26    3767251.08        5.08317                    396758.26
3767251.08        6.06765
         396798.26    3767251.08        7.54332                    396838.26
3767251.08        9.76917
         396878.26    3767251.08       13.33063                    396918.26
3767251.08       16.79954
         396958.26    3767251.08       23.09243                    396998.26
3767251.08       32.48632
         397038.26    3767251.08       42.00312                    397078.26
3767251.08       57.76412
         397118.26    3767251.08       93.73616                    397318.26
3767251.08       34.53404
         397358.26    3767251.08       18.47635                    397398.26
3767251.08        9.74113
         397438.26    3767251.08        6.88814                    397478.26
3767251.08        5.87260
         397518.26    3767251.08        5.34837                    397558.26
3767251.08        4.53852
         397598.26    3767251.08        3.93450                    397638.26
3767251.08        3.51597
         397678.26    3767251.08        3.08103                    397718.26
3767251.08        2.71626
         396558.26    3767291.08        2.14880                    396598.26
3767291.08        2.62489
         396638.26    3767291.08        3.08934                    396678.26
3767291.08        3.83234
         396718.26    3767291.08        4.88353                    396758.26
3767291.08        5.75659
         396798.26    3767291.08        6.99504                    396838.26
3767291.08        8.77918
         396878.26    3767291.08       10.59167                    396918.26
3767291.08       12.51811
         396958.26    3767291.08       16.04519                    396998.26
3767291.08       18.20037
         397038.26    3767291.08       19.68107                    397078.26
3767291.08       25.03818
         397118.26    3767291.08       38.27404                    397158.26
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3767291.08       72.45064
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3767291.08       25.16633
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3767291.08        8.30407
         397438.26    3767291.08        6.17183                       397478.26
3767291.08        5.19461
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3767291.08        3.47076
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3767291.08        3.10784
         397678.26    3767291.08        3.01009                       397718.26
3767291.08        2.68561
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3767331.08        2.11140
         396638.26    3767331.08        2.53414                       396678.26
3767331.08        3.35679
         396718.26    3767331.08        4.30322                       396758.26
3767331.08        5.38398
         396798.26    3767331.08        6.39343                       396838.26
3767331.08        7.79263
         396878.26    3767331.08        8.96682                       396918.26
3767331.08       10.11151
         396958.26    3767331.08       12.04271                       396998.26
3767331.08       14.57519
         397038.26    3767331.08       15.15372                       397078.26
3767331.08       17.52539
         397118.26    3767331.08       22.20220                       397158.26
3767331.08       30.41640
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  70
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	34.93043	397238.26	3767331.08	33.79349
397278.26	3767331.08	26.70220	397318.26	3767331.08	18.22328
397358.26	3767331.08	12.04106	397398.26	3767331.08	7.95667
397438.26	3767331.08	6.17171	397478.26	3767331.08	5.00138
397518.26	3767331.08	4.06585	397558.26	3767331.08	3.37031
397598.26	3767331.08	2.85230	397638.26	3767331.08	2.66378
397678.26	3767331.08	2.79111	397718.26	3767331.08	2.65058
396558.26	3767371.08	1.73502	396598.26	3767371.08	2.10864
396638.26	3767371.08	2.54111	396678.26	3767371.08	3.30430
396718.26	3767371.08	4.22311	396758.26	3767371.08	4.97084
396798.26	3767371.08	5.79460	396838.26	3767371.08	6.86797
396878.26	3767371.08	7.99735	396918.26	3767371.08	8.77651
396958.26	3767371.08	9.93963	396998.26	3767371.08	11.66472
397038.26	3767371.08	11.83436	397078.26	3767371.08	12.74385
397118.26	3767371.08	15.44302	397158.26	3767371.08	17.56419
397198.26	3767371.08	20.20923	397238.26	3767371.08	21.32937
397278.26	3767371.08	18.98249	397318.26	3767371.08	14.55174
397358.26	3767371.08	10.94127	397398.26	3767371.08	7.68833
397438.26	3767371.08	6.19287	397478.26	3767371.08	5.07387
397518.26	3767371.08	4.21508	397558.26	3767371.08	3.55234
397598.26	3767371.08	3.04451	397638.26	3767371.08	2.61064

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         397678.26    3767371.08        2.42828                      397718.26
3767371.08        2.49569
         396558.26    3767411.08        1.66604                      396598.26
3767411.08        2.08789
         396638.26    3767411.08        2.62155                      396678.26
3767411.08        3.25197
         396718.26    3767411.08        3.93164                      396758.26
3767411.08        4.55109
         396798.26    3767411.08        5.22219                      396838.26
3767411.08        6.06161
         396878.26    3767411.08        6.90476                      396918.26
3767411.08        7.65755
         396958.26    3767411.08        8.37245                      396998.26
3767411.08        8.79947
         397038.26    3767411.08        8.83228                      397078.26
3767411.08        9.53577
         397118.26    3767411.08       10.98972                      397158.26
3767411.08       12.88043
         397198.26    3767411.08       14.68396                      397238.26
3767411.08       15.46668
         397278.26    3767411.08       14.66090                      397318.26
3767411.08       12.31579
         397358.26    3767411.08        9.98120                      397398.26
3767411.08        7.30558
         397438.26    3767411.08        6.02054                      397478.26
3767411.08        5.03167
         397518.26    3767411.08        4.25766                      397558.26
3767411.08        3.65623
         397598.26    3767411.08        3.18252                      397638.26
3767411.08        2.75263
         397678.26    3767411.08        2.37257                      397718.26
3767411.08        2.27217
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3767451.08        2.01237
         396638.26    3767451.08        2.49146                      396678.26
3767451.08        2.97952
         396718.26    3767451.08        3.45135                      396758.26
3767451.08        4.15024
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  71
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3767451.08        5.35848
         396878.26    3767451.08        6.01918                      396918.26
3767451.08        6.58800
         396958.26    3767451.08        7.16237                      396998.26
3767451.08        7.60069
         397038.26    3767451.08        7.77352                      397078.26
3767451.08        8.12754
         397118.26    3767451.08        8.88107                      397158.26
3767451.08       10.06549
         397198.26    3767451.08       11.25067                      397238.26
3767451.08       11.84805
         397278.26    3767451.08       11.69805                      397318.26
3767451.08       10.50490
         397358.26    3767451.08        8.92033                      397398.26
3767451.08        6.78112
         397438.26    3767451.08        5.72835                      397478.26
3767451.08        4.90863
         397518.26    3767451.08        4.22741                      397558.26
3767451.08        3.68998
         397598.26    3767451.08        3.26468                      397638.26
3767451.08        2.85601
         397678.26    3767451.08        2.49103                      397718.26
3767451.08        2.25586
         396558.26    3767491.08        1.63491                      396598.26
3767491.08        1.92564
         396638.26    3767491.08        2.16986                      396678.26
3767491.08        2.44814
         396718.26    3767491.08        2.90933                      396758.26
3767491.08        3.75851
         396798.26    3767491.08        4.21727                      396838.26
3767491.08        4.73792
         396878.26    3767491.08        5.27869                      396918.26
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3767491.08        5.73082
         396958.26    3767491.08        6.26325                     396998.26
3767491.08        6.76326
         397038.26    3767491.08        6.82962                     397078.26
3767491.08        7.03284
         397118.26    3767491.08        7.48421                     397158.26
3767491.08        8.20976
         397198.26    3767491.08        9.03183                     397238.26
3767491.08        9.49990
         397278.26    3767491.08        9.47419                     397318.26
3767491.08        8.94614
         397358.26    3767491.08        7.97059                     397398.26
3767491.08        6.51110
         397438.26    3767491.08        5.44731                     397478.26
3767491.08        4.67294
         397518.26    3767491.08        4.08779                     397558.26
3767491.08        3.63412
         397598.26    3767491.08        3.28904                     397638.26
3767491.08        2.90404
         397678.26    3767491.08        2.56511                     397718.26
3767491.08        2.32053
         396558.26    3767531.08        1.53881                     396598.26
3767531.08        1.71679
         396638.26    3767531.08        1.82987                     396678.26
3767531.08        2.06021
         396718.26    3767531.08        2.59322                     396758.26
3767531.08        3.43512
         396798.26    3767531.08        3.79656                     396838.26
3767531.08        4.19943
         396878.26    3767531.08        4.60552                     396918.26
3767531.08        5.03620
         396958.26    3767531.08        5.51251                     396998.26
3767531.08        6.01581
         397038.26    3767531.08        6.13792                     397078.26
3767531.08        6.37805
         397118.26    3767531.08        6.48422                     397158.26
3767531.08        6.87444
         397198.26    3767531.08        7.42451                     397238.26
3767531.08        7.78043
         397278.26    3767531.08        7.84723                     397318.26
3767531.08        7.58173
         397358.26    3767531.08        7.05965                     397398.26
3767531.08        6.04693
         397438.26    3767531.08        4.92880                     397478.26
3767531.08        4.31491
         397518.26    3767531.08        3.87435                     397558.26
3767531.08        3.50090
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	3.23050	397638.26	3767531.08	2.87191
397678.26	3767531.08	2.55363	397718.26	3767531.08	2.31979
397320.82	3767219.11	46.03340	397330.82	3767209.11	41.07393
397340.82	3767189.11	37.50610	397340.82	3767199.11	35.89416
397340.82	3767209.11	33.81434	397350.82	3767189.11	30.19203
397350.82	3767199.11	29.53112	397360.82	3767189.11	25.11327
397360.82	3767199.11	24.83211	397370.82	3767189.11	21.44963
397380.82	3767189.11	18.59451	396934.73	3767169.52	42.01316
397014.53	3767229.60	70.70053	397044.10	3767223.97	93.59277
397113.57	3767239.93	102.74567	397158.63	3767280.29	83.49716
397168.95	3767307.05	54.58285	397244.05	3767296.72	57.31556
397260.95	3767278.88	59.84102	397409.74	3767205.66	11.98724

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         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331                      396920.42
3767167.32       30.43934
         396989.95    3767243.54       35.17747                      397044.10
3767223.97       93.59277
         397113.57    3767239.93      102.74567                      397158.63
3767280.29       83.49716
         397168.95    3767307.05       54.58285                      397244.05
3767296.72       57.31556
         397260.95    3767278.88       59.84102                      397409.74
3767205.66       11.98724
         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  73
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08        1.91257                      396598.26
```

3766771.08 2.09199
396638.26 3766771.08 2.31300 396678.26 3766771.08 2.53001
396718.26 3766771.08 2.75833 396758.26 3766771.08 2.98851
396798.26 3766771.08 3.21119 396838.26 3766771.08 3.45751
396878.26 3766771.08 3.70018 396918.26 3766771.08 3.93485
396958.26 3766771.08 4.14583 396998.26 3766771.08 4.31588
397038.26 3766771.08 4.43861 397078.26 3766771.08 4.50669
397118.26 3766771.08 4.50986 397158.26 3766771.08 4.44698
397198.26 3766771.08 4.34912 397238.26 3766771.08 4.21584
397278.26 3766771.08 4.04898 397318.26 3766771.08 3.85496
397358.26 3766771.08 3.63983 397398.26 3766771.08 3.41689
397438.26 3766771.08 3.18871 397478.26 3766771.08 2.96483
397518.26 3766771.08 2.74909 397558.26 3766771.08 2.54437
397598.26 3766771.08 2.35313 397638.26 3766771.08 2.17629
397678.26 3766771.08 2.01369 397718.26 3766771.08 1.86441
396558.26 3766811.08 2.02432 396598.26 3766811.08 2.21599
396638.26 3766811.08 2.47308 396678.26 3766811.08 2.73911
396718.26 3766811.08 3.00445 396758.26 3766811.08 3.27228
396798.26 3766811.08 3.57912 396838.26 3766811.08 3.90241
396878.26 3766811.08 4.22773 396918.26 3766811.08 4.54853
396958.26 3766811.08 4.84253 396998.26 3766811.08 5.08513
397038.26 3766811.08 5.25900 397078.26 3766811.08 5.35476
397118.26 3766811.08 5.38186 397158.26 3766811.08 5.31847
397198.26 3766811.08 5.16542 397238.26 3766811.08 4.95220
397278.26 3766811.08 4.70531 397318.26 3766811.08 4.43901
397358.26 3766811.08 4.15559 397398.26

3766811.08   3.86281
         397438.26   3766811.08   3.57023   397478.26
3766811.08   3.28841
         397518.26   3766811.08   3.02095   397558.26
3766811.08   2.77209
         397598.26   3766811.08   2.54364   397638.26
3766811.08   2.33571
         397678.26   3766811.08   2.14749   397718.26
3766811.08   1.97749
         396558.26   3766851.08   2.14519   396598.26
3766851.08   2.35129
         396638.26   3766851.08   2.61167   396678.26
3766851.08   2.92402
         396718.26   3766851.08   3.25089   396758.26
3766851.08   3.60138
         396798.26   3766851.08   3.99639   396838.26
3766851.08   4.42443
         396878.26   3766851.08   4.87683   396918.26
3766851.08   5.31313
         396958.26   3766851.08   5.72975   396998.26
3766851.08   6.08419
         397038.26   3766851.08   6.33769   397078.26
3766851.08   6.49352
         397118.26   3766851.08   6.53664   397158.26
3766851.08   6.44727
         397198.26   3766851.08   6.23644   397238.26
3766851.08   5.94688
         397278.26   3766851.08   5.58695   397318.26
3766851.08   5.17905

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.78578	397398.26	3766851.08	4.39559
397438.26	3766851.08	4.01731	397478.26	3766851.08	3.65830
397518.26	3766851.08	3.32541	397558.26	3766851.08	3.02205
397598.26	3766851.08	2.74881	397638.26	3766851.08	2.50449
397678.26	3766851.08	2.28672	397718.26	3766851.08	2.09299
396558.26	3766891.08	2.26345	396598.26	3766891.08	2.49393
396638.26	3766891.08	2.78598	396678.26	3766891.08	3.14663
396718.26	3766891.08	3.53534	396758.26	3766891.08	3.97699
396798.26	3766891.08	4.48005	396838.26	3766891.08	5.04192
396878.26	3766891.08	5.66464	396918.26	3766891.08	6.27552
396958.26	3766891.08	6.88730	396998.26	3766891.08	7.41822
397038.26	3766891.08	7.81345	397078.26	3766891.08	8.08554
397118.26	3766891.08	8.13044	397158.26	3766891.08	7.95216
397198.26	3766891.08	7.67466	397238.26	3766891.08	7.24066
397278.26	3766891.08	6.73265	397318.26	3766891.08	6.18051
397358.26	3766891.08	5.59793	397398.26	3766891.08	5.04128
397438.26	3766891.08	4.53902	397478.26	3766891.08	4.07917
397518.26	3766891.08	3.66496	397558.26	3766891.08	3.29411
397598.26	3766891.08	2.96746	397638.26	3766891.08	2.68089
397678.26	3766891.08	2.42980	397718.26	3766891.08	2.21018
396558.26	3766931.08	2.38480	396598.26	3766931.08	2.64651

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         396638.26    3766931.08        2.98508                      396678.26
3766931.08        3.37033
         396718.26    3766931.08        3.84570                      396758.26
3766931.08        4.39375
         396798.26    3766931.08        5.03696                      396838.26
3766931.08        5.77896
         396878.26    3766931.08        6.61842                      396918.26
3766931.08        7.53159
         396958.26    3766931.08        8.45292                      396998.26
3766931.08        9.29992
         397038.26    3766931.08        9.97962                      397078.26
3766931.08       10.37490
         397118.26    3766931.08       10.43182                      397158.26
3766931.08       10.16014
         397198.26    3766931.08        9.67153                      397238.26
3766931.08        9.01014
         397278.26    3766931.08        8.23416                      397318.26
3766931.08        7.43685
         397358.26    3766931.08        6.66089                      397398.26
3766931.08        5.87966
         397438.26    3766931.08        5.16903                      397478.26
3766931.08        4.56299
         397518.26    3766931.08        4.04319                      397558.26
3766931.08        3.58721
         397598.26    3766931.08        3.19668                      397638.26
3766931.08        2.86182
         397678.26    3766931.08        2.57394                      397718.26
3766931.08        2.32761
         396558.26    3766971.08        2.49918                      396598.26
3766971.08        2.79349
         396638.26    3766971.08        3.16176                      396678.26
3766971.08        3.60462
         396718.26    3766971.08        4.15595                      396758.26
3766971.08        4.83018
         396798.26    3766971.08        5.65299                      396838.26
3766971.08        6.66081
         396878.26    3766971.08        7.83913                      396918.26
3766971.08        9.20239
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  75
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08       10.68174                     396998.26
3766971.08       12.15398
         397038.26    3766971.08       13.30487                     397078.26
3766971.08       13.89084
         397118.26    3766971.08       13.90936                     397158.26
3766971.08       13.39966
         397198.26    3766971.08       12.53747                     397238.26
3766971.08       11.47469
         397278.26    3766971.08       10.29568                     397318.26
3766971.08        9.10993
         397358.26    3766971.08        7.18863                     397398.26
3766971.08        6.47917
         397438.26    3766971.08        5.93312                     397478.26
3766971.08        5.12195
         397518.26    3766971.08        4.45382                     397558.26
3766971.08        3.89606
         397598.26    3766971.08        3.43198                     397638.26
3766971.08        3.04284
         397678.26    3766971.08        2.71466                     397718.26
3766971.08        2.44059
         396558.26    3767011.08        2.60513                     396598.26
3767011.08        2.92216
         396638.26    3767011.08        3.33034                     396678.26
3767011.08        3.83823
         396718.26    3767011.08        4.46950                     396758.26
3767011.08        5.28043
         396798.26    3767011.08        6.31980                     396838.26
3767011.08        7.67107
         396878.26    3767011.08        9.38726                     396918.26
3767011.08       11.54464
         396958.26    3767011.08       14.03821                     396998.26
3767011.08       16.78636
         397038.26    3767011.08       18.89950                     397078.26
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3767011.08       19.83316
         397118.26    3767011.08       19.58868                       397158.26
3767011.08       18.47151
         397198.26    3767011.08       16.91763                       397238.26
3767011.08       15.12508
         397278.26    3767011.08       13.25450                       397318.26
3767011.08       11.38709
         397358.26    3767011.08        8.50209                       397398.26
3767011.08        6.87772
         397438.26    3767011.08        6.54675                       397478.26
3767011.08        5.73376
         397518.26    3767011.08        4.88748                       397558.26
3767011.08        4.21259
         397598.26    3767011.08        3.66580                       397638.26
3767011.08        3.21957
         397678.26    3767011.08        2.85013                       397718.26
3767011.08        2.54669
         396558.26    3767051.08        2.69478                       396598.26
3767051.08        3.04605
         396638.26    3767051.08        3.47626                       396678.26
3767051.08        4.04392
         396718.26    3767051.08        4.76792                       396758.26
3767051.08        5.71578
         396798.26    3767051.08        7.00219                       396838.26
3767051.08        8.77670
         396878.26    3767051.08       11.30155                       396918.26
3767051.08       14.91253
         396958.26    3767051.08       19.75655                       396998.26
3767051.08       25.65437
         397038.26    3767051.08       30.33615                       397078.26
3767051.08       31.31199
         397118.26    3767051.08       29.86811                       397158.26
3767051.08       27.22046
         397198.26    3767051.08       24.16824                       397238.26
3767051.08       20.96070
         397278.26    3767051.08       17.81661                       397318.26
3767051.08       14.63191
         397358.26    3767051.08       11.13027                       397398.26
3767051.08        8.13924
         397438.26    3767051.08        6.97299                       397478.26
3767051.08        6.21057
         397518.26    3767051.08        5.34006                       397558.26
3767051.08        4.53225
         397598.26    3767051.08        3.89402                       397638.26
3767051.08        3.38593
         397678.26    3767051.08        2.97650                       397718.26
3767051.08        2.61546
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	2.77182	396598.26	3767091.08	3.15546
396638.26	3767091.08	3.60685	396678.26	3767091.08	4.19822
396718.26	3767091.08	5.00497	396758.26	3767091.08	6.09100
396798.26	3767091.08	7.61222	396838.26	3767091.08	9.87560
396878.26	3767091.08	13.43301	396918.26	3767091.08	19.44198
396958.26	3767091.08	29.93302	396998.26	3767091.08	50.18614
397078.26	3767091.08	60.66837	397118.26	3767091.08	53.00676
397158.26	3767091.08	45.22249	397198.26	3767091.08	38.07266
397238.26	3767091.08	31.65050	397278.26	3767091.08	25.83996
397318.26	3767091.08	19.94495	397358.26	3767091.08	14.18130
397398.26	3767091.08	9.97168	397438.26	3767091.08	7.70578
397478.26	3767091.08	6.01965	397518.26	3767091.08	5.05913

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         397558.26    3767091.08        4.20294                    397598.26
3767091.08        3.82178
         397638.26    3767091.08        3.53642                    397678.26
3767091.08        3.08813
         397718.26    3767091.08        2.70978                    396558.26
3767131.08        2.82839
         396598.26    3767131.08        3.22658                    396638.26
3767131.08        3.71652
         396678.26    3767131.08        4.31328                    396718.26
3767131.08        5.14868
         396758.26    3767131.08        6.33567                    396798.26
3767131.08        8.05196
         396838.26    3767131.08       10.72226                    396878.26
3767131.08       15.43211
         396918.26    3767131.08       25.20598                    396958.26
3767131.08       52.66753
         397238.26    3767131.08       58.23840                    397278.26
3767131.08       44.86057
         397318.26    3767131.08       30.55217                    397358.26
3767131.08       18.24913
         397398.26    3767131.08       11.80753                    397438.26
3767131.08        8.62085
         397478.26    3767131.08        6.26598                    397518.26
3767131.08        5.14619
         397558.26    3767131.08        4.31634                    397598.26
3767131.08        3.82795
         397638.26    3767131.08        3.59905                    397678.26
3767131.08        3.17077
         397718.26    3767131.08        2.77739                    396558.26
3767171.08        2.86035
         396598.26    3767171.08        3.26298                    396638.26
3767171.08        3.77049
         396678.26    3767171.08        4.39261                    396718.26
3767171.08        5.20738
         396758.26    3767171.08        6.40186                    396798.26
3767171.08        8.20766
         396838.26    3767171.08       11.06395                    396878.26
3767171.08       16.33002
         396918.26    3767171.08       29.20019                    397438.26
3767171.08        9.33481
         397478.26    3767171.08        7.04056                    397518.26
3767171.08        5.79991
         397558.26    3767171.08        4.84598                    397598.26
3767171.08        4.15005
         397638.26    3767171.08        3.64251                    397678.26
3767171.08        3.15340
         397718.26    3767171.08        2.78034                    396558.26
3767211.08        2.85562
         396598.26    3767211.08        3.25895                    396638.26
3767211.08        3.76125
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	24.27772	396958.26	3767211.08	42.13436
397438.26	3767211.08	8.53262	397478.26	3767211.08	6.70150
397518.26	3767211.08	5.75589	397558.26	3767211.08	4.93349
397598.26	3767211.08	4.22702	397638.26	3767211.08	3.61248
397678.26	3767211.08	3.11721	397718.26	3767211.08	2.74646
396558.26	3767251.08	2.82827	396598.26	3767251.08	3.22025
396638.26	3767251.08	3.70889	396678.26	3767251.08	4.33054
396718.26	3767251.08	5.10739	396758.26		

3767251.08 6.09526
396798.26 3767251.08 7.57601 396838.26
3767251.08 9.80884
396878.26 3767251.08 13.38045 396918.26
3767251.08 16.85885
396958.26 3767251.08 23.16536 396998.26
3767251.08 32.58435
397038.26 3767251.08 42.15189 397078.26
3767251.08 58.00323
397118.26 3767251.08 94.23865 397318.26
3767251.08 34.80378
397358.26 3767251.08 18.65808 397398.26
3767251.08 9.87123
397438.26 3767251.08 6.98653 397478.26
3767251.08 5.94863
397518.26 3767251.08 5.40943 397558.26
3767251.08 4.58840
397598.26 3767251.08 3.97602 397638.26
3767251.08 3.55097
397678.26 3767251.08 3.11058 397718.26
3767251.08 2.74138
396558.26 3767291.08 2.16193 396598.26
3767291.08 2.63995
396638.26 3767291.08 3.10662 396678.26
3767291.08 3.85248
396718.26 3767291.08 4.90741 396758.26
3767291.08 5.78334
396798.26 3767291.08 7.02622 396838.26
3767291.08 8.81648
396878.26 3767291.08 10.63669 396918.26
3767291.08 12.57156
396958.26 3767291.08 16.11153 396998.26
3767291.08 18.29318
397038.26 3767291.08 19.85387 397078.26
3767291.08 25.31907
397118.26 3767291.08 38.59965 397158.26
3767291.08 72.94021
397278.26 3767291.08 40.25361 397318.26
3767291.08 25.53222
397358.26 3767291.08 14.43048 397398.26
3767291.08 8.48226
397438.26 3767291.08 6.30373 397478.26
3767291.08 5.29490
397518.26 3767291.08 4.43259 397558.26
3767291.08 3.53363
397598.26 3767291.08 3.06039 397638.26
3767291.08 3.14989
397678.26 3767291.08 3.04527 397718.26
3767291.08 2.71516
396558.26 3767331.08 1.82756 396598.26

3767331.08   2.12578
         396638.26   3767331.08   2.55057   396678.26
3767331.08   3.37598
         396718.26   3767331.08   4.32580   396758.26
3767331.08   5.41007
         396798.26   3767331.08   6.42332   396838.26
3767331.08   7.82799
         396878.26   3767331.08   9.00863   396918.26
3767331.08   10.16112
         396958.26   3767331.08   12.10508   396998.26
3767331.08   14.66066
         397038.26   3767331.08   15.29413   397078.26
3767331.08   17.77170
         397118.26   3767331.08   22.54681   397158.26
3767331.08   30.87063

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   35.42299   397238.26
3767331.08   34.29279
         397278.26   3767331.08   27.15086   397318.26
3767331.08   18.56050
         397358.26   3767331.08   12.30938   397398.26
3767331.08   8.16580

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         397438.26    3767331.08        6.33035                    397478.26
3767331.08        5.12350
         397518.26    3767331.08        4.16176                    397558.26
3767331.08        3.44700
         397598.26    3767331.08        2.91394                    397638.26
3767331.08        2.71397
         397678.26    3767331.08        2.83256                    397718.26
3767331.08        2.68508
         396558.26    3767371.08        1.74739                    396598.26
3767371.08        2.12265
         396638.26    3767371.08        2.55710                    396678.26
3767371.08        3.32290
         396718.26    3767371.08        4.24503                    396758.26
3767371.08        4.99596
         396798.26    3767371.08        5.82317                    396838.26
3767371.08        6.90132
         396878.26    3767371.08        8.03703                    396918.26
3767371.08        8.82336
         396958.26    3767371.08        9.99851                    396998.26
3767371.08       11.74438
         397038.26    3767371.08       11.95141                    397078.26
3767371.08       12.92334
         397118.26    3767371.08       15.69164                    397158.26
3767371.08       17.88896
         397198.26    3767371.08       20.56893                    397238.26
3767371.08       21.69233
         397278.26    3767371.08       19.32355                    397318.26
3767371.08       14.85711
         397358.26    3767371.08       11.20056                    397398.26
3767371.08        7.90248
         397438.26    3767371.08        6.36331                    397478.26
3767371.08        5.20959
         397518.26    3767371.08        4.32392                    397558.26
3767371.08        3.64019
         397598.26    3767371.08        3.11588                    397638.26
3767371.08        2.66877
         397678.26    3767371.08        2.47587                    397718.26
3767371.08        2.53515
         396558.26    3767411.08        1.67804                    396598.26
3767411.08        2.10148
         396638.26    3767411.08        2.63714                    396678.26
3767411.08        3.27001
         396718.26    3767411.08        3.95256                    396758.26
3767411.08        4.57515
         396798.26    3767411.08        5.24945                    396838.26
3767411.08        6.09334
         396878.26    3767411.08        6.94218                    396918.26
3767411.08        7.70185
         396958.26    3767411.08        8.42755                    396998.26
3767411.08        8.87278
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         397038.26    3767411.08        8.93515                      397078.26
3767411.08        9.67941
         397118.26    3767411.08       11.17953                      397158.26
3767411.08       13.11427
         397198.26    3767411.08       14.95057                      397238.26
3767411.08       15.74962
         397278.26    3767411.08       14.94080                      397318.26
3767411.08       12.57766
         397358.26    3767411.08       10.21320                      397398.26
3767411.08        7.50702
         397438.26    3767411.08        6.18960                      397478.26
3767411.08        5.17181
         397518.26    3767411.08        4.37315                      397558.26
3767411.08        3.75139
         397598.26    3767411.08        3.26074                      397638.26
3767411.08        2.81706
         397678.26    3767411.08        2.42576                      397718.26
3767411.08        2.31606
         396558.26    3767451.08        1.66689                      396598.26
3767451.08        2.02546
         396638.26    3767451.08        2.50642                      396678.26
3767451.08        2.99661
         396718.26    3767451.08        3.47090                      396758.26
3767451.08        4.17320
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE  79
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
- -
- -
396798.26   3767451.08   4.71875   396838.26
3767451.08   5.38880
396878.26   3767451.08   6.05452   396918.26
3767451.08   6.62973
396958.26   3767451.08   7.21371   396998.26
3767451.08   7.66701
397038.26   3767451.08   7.86230   397078.26
3767451.08   8.24645
397118.26   3767451.08   9.03435   397158.26
3767451.08   10.25101
397198.26   3767451.08   11.46210   397238.26
3767451.08   12.07485
397278.26   3767451.08   11.92712   397318.26
3767451.08   10.72453
397358.26   3767451.08   9.12320   397398.26
3767451.08   6.96280
397438.26   3767451.08   5.88698   397478.26
3767451.08   5.04518
397518.26   3767451.08   4.34355   397558.26
3767451.08   3.78780
397598.26   3767451.08   3.34651   397638.26
3767451.08   2.92430
397678.26   3767451.08   2.54809   397718.26
3767451.08   2.30350
396558.26   3767491.08   1.64612   396598.26
3767491.08   1.93821
396638.26   3767491.08   2.18398   396678.26
3767491.08   2.46406
396718.26   3767491.08   2.92748   396758.26
3767491.08   3.78005
396798.26   3767491.08   4.24181   396838.26
3767491.08   4.76658
396878.26   3767491.08   5.31214   396918.26
3767491.08   5.77007
396958.26   3767491.08   6.31101   396998.26
3767491.08   6.82337
397038.26   3767491.08   6.90702   397078.26
3767491.08   7.13295
397118.26   3767491.08   7.60973   397158.26
3767491.08   8.35994
397198.26   3767491.08   9.20278   397238.26
3767491.08   9.68392
397278.26   3767491.08   9.66306   397318.26
3767491.08   9.13098
397358.26   3767491.08   8.14502   397398.26
3767491.08   6.67192
397438.26   3767491.08   5.59231   397478.26

3767491.08   4.80092
         397518.26   3767491.08   4.19944   397558.26
3767491.08   3.73031
         397598.26   3767491.08   3.37118   397638.26
3767491.08   2.97390
         397678.26   3767491.08   2.62415   397718.26
3767491.08   2.37046
         396558.26   3767531.08   1.54959   396598.26
3767531.08   1.72879
         396638.26   3767531.08   1.84325   396678.26
3767531.08   2.07525
         396718.26   3767531.08   2.61035   396758.26
3767531.08   3.45567
         396798.26   3767531.08   3.81989   396838.26
3767531.08   4.22641
         396878.26   3767531.08   4.63685   396918.26
3767531.08   5.07313
         396958.26   3767531.08   5.55695   396998.26
3767531.08   6.07060
         397038.26   3767531.08   6.20658   397078.26
3767531.08   6.46406
         397118.26   3767531.08   6.58979   397158.26
3767531.08   6.99937
         397198.26   3767531.08   7.56560   397238.26
3767531.08   7.93300
         397278.26   3767531.08   8.00469   397318.26
3767531.08   7.73833
         397358.26   3767531.08   7.21015   397398.26
3767531.08   6.18788
         397438.26   3767531.08   5.05863   397478.26
3767531.08   4.43240
         397518.26   3767531.08   3.97853   397558.26
3767531.08   3.59248

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002

, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	3.31029	397638.26	3767531.08	2.94086
397678.26	3767531.08	2.61298	397718.26	3767531.08	2.37068
397320.82	3767219.11	46.32268	397330.82	3767209.11	41.33467
397340.82	3767189.11	37.70272	397340.82	3767199.11	36.11427
397340.82	3767209.11	34.05148	397350.82	3767189.11	30.36348
397350.82	3767199.11	29.72011	397360.82	3767189.11	25.24702
397360.82	3767199.11	24.97913	397370.82	3767189.11	21.55290
397380.82	3767189.11	18.68071	396934.73	3767169.52	42.10097
397014.53	3767229.60	70.82512	397044.10	3767223.97	93.79637
397113.57	3767239.93	103.30540	397158.63	3767280.29	84.07265
397168.95	3767307.05	55.00055	397244.05	3767296.72	57.76702
397260.95	3767278.88	60.25039	397409.74	3767205.66	12.06661
397422.89	3767189.23	10.86884	397426.64	3767180.78	10.41745
397420.54	3767170.46	10.99340	397318.68	3767160.13	48.95073
397022.98	3767083.62	52.93471	396920.42	3767167.32	30.52003
396989.95	3767243.54	35.27080	397044.10	3767223.97	93.79637
397113.57	3767239.93	103.30540	397158.63	3767280.29	84.07265
397168.95	3767307.05	55.00055	397244.05	3767296.72	57.76702
397260.95	3767278.88	60.25039	397409.74	3767205.66	12.06661

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         397422.89    3767189.23       10.86884                      397426.64
3767180.78       10.41745
         397420.54    3767170.46       10.99340                      397318.68
3767160.13       48.95073
         397022.98    3767083.62       52.93471

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  81
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396558.26   3766771.08        0.17597  (10121724)               396598.26
 3766771.08        0.21172  (10121724)
        396638.26   3766771.08        0.25449  (10121724)               396678.26
 3766771.08        0.29544  (15010624)
        396718.26   3766771.08        0.34749  (10121724)               396758.26
 3766771.08        0.38651  (15122224)
        396798.26   3766771.08        0.42629  (15122224)               396838.26
 3766771.08        0.45423  (15122224)
        396878.26   3766771.08        0.45096  (15122224)               396918.26
 3766771.08        0.45155  (16122024)
        396958.26   3766771.08        0.48618  (16122024)               396998.26
 3766771.08        0.47972  (16122024)
        397038.26   3766771.08        0.51112  (16122824)               397078.26
 3766771.08        0.49105  (16122824)
        397118.26   3766771.08        0.45562  (16122924)               397158.26
 3766771.08        0.39566  (16122924)
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       397198.26   3766771.08        0.30869  (16122924)               397238.26
3766771.08        0.21533  (16122924)
       397278.26   3766771.08        0.19938m (10123124)               397318.26
3766771.08        0.20656  (10010424)
       397358.26   3766771.08        0.19835  (10010424)               397398.26
3766771.08        0.17274  (10010424)
       397438.26   3766771.08        0.16679  (11011324)               397478.26
3766771.08        0.15864  (11011324)
       397518.26   3766771.08        0.16294  (11011324)               397558.26
3766771.08        0.15787  (11011324)
       397598.26   3766771.08        0.14858  (11011324)               397638.26
3766771.08        0.15344  (15122524)
       397678.26   3766771.08        0.16388  (15122524)               397718.26
3766771.08        0.16826  (15122524)
       396558.26   3766811.08        0.16822  (10121724)               396598.26
3766811.08        0.19961  (10121724)
       396638.26   3766811.08        0.25088  (10121724)               396678.26
3766811.08        0.30265  (10121724)
       396718.26   3766811.08        0.36365  (15010624)               396758.26
3766811.08        0.39963  (15010624)
       396798.26   3766811.08        0.45618  (15122224)               396838.26
3766811.08        0.51383  (15122224)
       396878.26   3766811.08        0.53707  (15122224)               396918.26
3766811.08        0.52102  (15122224)
       396958.26   3766811.08        0.55336  (16122024)               396998.26
3766811.08        0.56799  (16122024)
       397038.26   3766811.08        0.57914  (16122824)               397078.26
3766811.08        0.56658  (16122824)
       397118.26   3766811.08        0.52130  (16122924)               397158.26
3766811.08        0.46246  (16122924)
       397198.26   3766811.08        0.35533  (16122924)               397238.26
3766811.08        0.23973  (16122924)
       397278.26   3766811.08        0.22055m (10123124)               397318.26
3766811.08        0.22094  (10010424)
       397358.26   3766811.08        0.20497  (10010424)               397398.26
3766811.08        0.19694  (11011324)
       397438.26   3766811.08        0.19494  (11011324)               397478.26
3766811.08        0.19244  (11011324)
       397518.26   3766811.08        0.18848  (11011324)               397558.26
3766811.08        0.17852  (11011324)
       397598.26   3766811.08        0.18866  (15122524)               397638.26
3766811.08        0.20249  (15122524)
       397678.26   3766811.08        0.20899  (15122524)               397718.26
3766811.08        0.20817  (15122524)
       396558.26   3766851.08        0.15663  (15010624)               396598.26
3766851.08        0.19099  (15010624)
       396638.26   3766851.08        0.23301  (15010624)               396678.26
3766851.08        0.29493  (15010624)
       396718.26   3766851.08        0.34509  (15010624)               396758.26
3766851.08        0.42403  (15010624)
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       396798.26   3766851.08        0.47998  (15010624)               396838.26
 3766851.08        0.55460  (15122224)
       396878.26   3766851.08        0.61975  (15122224)               396918.26
 3766851.08        0.63068  (15122224)
       396958.26   3766851.08        0.62160  (16122024)               396998.26
 3766851.08        0.65615  (16122024)
       397038.26   3766851.08        0.64982  (16122824)               397078.26
 3766851.08        0.65546  (16122824)
       397118.26   3766851.08        0.59654  (16122924)               397158.26
 3766851.08        0.53323  (16122924)
       397198.26   3766851.08        0.41031  (16122924)               397238.26
 3766851.08        0.27489  (16122924)
       397278.26   3766851.08        0.25304m (10123124)               397318.26
 3766851.08        0.23378  (10010424)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  82
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397358.26   3766851.08        0.23037  (11011324)               397398.26
 3766851.08        0.23760  (11011324)
       397438.26   3766851.08        0.22648  (11011324)               397478.26
 3766851.08        0.22481  (11011324)
       397518.26   3766851.08        0.21461  (11011324)               397558.26
 3766851.08        0.23357  (15122524)
       397598.26   3766851.08        0.25107  (15122524)               397638.26
 3766851.08        0.25859  (15122524)
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       397678.26   3766851.08        0.25653  (15122524)               397718.26
3766851.08        0.24641  (15122524)
       396558.26   3766891.08        0.17016  (11021824)               396598.26
3766891.08        0.18551  (11021824)
       396638.26   3766891.08        0.22312  (15010624)               396678.26
3766891.08        0.27814  (15010624)
       396718.26   3766891.08        0.35017  (15010624)               396758.26
3766891.08        0.43169  (15010624)
       396798.26   3766891.08        0.51306  (15010624)               396838.26
3766891.08        0.58073  (15010624)
       396878.26   3766891.08        0.67784  (15122224)               396918.26
3766891.08        0.73304  (15122224)
       396958.26   3766891.08        0.72735  (15122224)               396998.26
3766891.08        0.74983  (16122024)
       397038.26   3766891.08        0.74245  (16122024)               397078.26
3766891.08        0.76288  (16122824)
       397118.26   3766891.08        0.69722  (16122824)               397158.26
3766891.08        0.60119  (16122924)
       397198.26   3766891.08        0.47427  (16122924)               397238.26
3766891.08        0.31240  (16122924)
       397278.26   3766891.08        0.28771m (10123124)               397318.26
3766891.08        0.28043  (11011324)
       397358.26   3766891.08        0.28953  (11011324)               397398.26
3766891.08        0.28175  (11011324)
       397438.26   3766891.08        0.26698  (11011324)               397478.26
3766891.08        0.25708  (11011324)
       397518.26   3766891.08        0.29062  (15122524)               397558.26
3766891.08        0.31204  (15122524)
       397598.26   3766891.08        0.31990  (15122524)               397638.26
3766891.08        0.31680  (15122524)
       397678.26   3766891.08        0.30145  (15122524)               397718.26
3766891.08        0.27936  (15122524)
       396558.26   3766931.08        0.18078  (11021824)               396598.26
3766931.08        0.20068  (11021824)
       396638.26   3766931.08        0.22796  (11021824)               396678.26
3766931.08        0.25946  (15010624)
       396718.26   3766931.08        0.32502  (15010624)               396758.26
3766931.08        0.41424  (15010624)
       396798.26   3766931.08        0.51835  (15010624)               396838.26
3766931.08        0.62257  (15010624)
       396878.26   3766931.08        0.69987  (15010624)               396918.26
3766931.08        0.81534  (15122224)
       396958.26   3766931.08        0.86904  (15122224)               396998.26
3766931.08        0.86809  (16122024)
       397038.26   3766931.08        0.89596  (16122024)               397078.26
3766931.08        0.89376  (16122824)
       397118.26   3766931.08        0.83751  (16122824)               397158.26
3766931.08        0.72066  (16122924)
       397198.26   3766931.08        0.55922  (16122924)               397238.26
3766931.08        0.36401  (16122924)
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       397278.26   3766931.08        0.33745  (11011324)               397318.26
 3766931.08        0.36149  (11011324)
       397358.26   3766931.08        0.36808  (11011324)               397398.26
 3766931.08        0.34499  (11011324)
       397438.26   3766931.08        0.32196  (15122524)               397478.26
 3766931.08        0.36252  (15122524)
       397518.26   3766931.08        0.39248  (15122524)               397558.26
 3766931.08        0.39770  (15122524)
       397598.26   3766931.08        0.38697  (15122524)               397638.26
 3766931.08        0.36348  (15122524)
       397678.26   3766931.08        0.33146  (15122524)               397718.26
 3766931.08        0.29870  (15122524)
       396558.26   3766971.08        0.17797  (11021824)               396598.26
 3766971.08        0.20384  (11021824)
       396638.26   3766971.08        0.23874  (11021824)               396678.26
 3766971.08        0.27231  (11021824)
       396718.26   3766971.08        0.30508  (11021824)               396758.26
 3766971.08        0.37463  (15010624)
       396798.26   3766971.08        0.48473  (15010624)               396838.26
 3766971.08        0.62009  (15010624)
       396878.26   3766971.08        0.75216  (15010624)               396918.26
 3766971.08        0.85626  (15122224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  83
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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       396958.26   3766971.08        0.99820  (15122224)              396998.26
3766971.08        1.04346  (15122224)
       397038.26   3766971.08        1.09964  (16122024)              397078.26
3766971.08        1.08252  (16122024)
       397118.26   3766971.08        1.07622  (16122824)              397158.26
3766971.08        1.08119  (16122824)
       397198.26   3766971.08        0.73864  (16122924)              397238.26
3766971.08        0.46940  (11011324)
       397278.26   3766971.08        0.44682  (11011324)              397318.26
3766971.08        0.46094  (11011324)
       397358.26   3766971.08        0.43624  (11011324)              397398.26
3766971.08        0.42860  (15122524)
       397438.26   3766971.08        0.47601  (15122524)              397478.26
3766971.08        0.49281  (15122524)
       397518.26   3766971.08        0.49195  (15122524)              397558.26
3766971.08        0.47826  (15122524)
       397598.26   3766971.08        0.44284  (15122524)              397638.26
3766971.08        0.39832  (15122524)
       397678.26   3766971.08        0.35046  (15122524)              397718.26
3766971.08        0.32196  (16020124)
       396558.26   3767011.08        0.17125  (11021824)              396598.26
3767011.08        0.19584  (11021824)
       396638.26   3767011.08        0.22894  (11021824)              396678.26
3767011.08        0.27308  (11021824)
       396718.26   3767011.08        0.31901  (11021824)              396758.26
3767011.08        0.36977  (11021824)
       396798.26   3767011.08        0.42538  (15010624)              396838.26
3767011.08        0.56429  (15010624)
       396878.26   3767011.08        0.75246  (15010624)              396918.26
3767011.08        0.92522  (15010624)
       396958.26   3767011.08        1.07870  (15122224)              396998.26
3767011.08        1.24926  (15122224)
       397038.26   3767011.08        1.38128  (16122024)              397078.26
3767011.08        1.77812  (16122024)
       397118.26   3767011.08        1.90000  (16122024)              397158.26
3767011.08        1.70442  (16122824)
       397198.26   3767011.08        1.40278  (16122824)              397238.26
3767011.08        0.92488  (16122924)
       397278.26   3767011.08        0.67319  (11011324)              397318.26
3767011.08        0.56835  (11011324)
       397358.26   3767011.08        0.54751  (15122524)              397398.26
3767011.08        0.60706  (15122524)
       397438.26   3767011.08        0.64193  (15122524)              397478.26
3767011.08        0.62710  (15122524)
       397518.26   3767011.08        0.58554  (15122524)              397558.26
3767011.08        0.53184  (15122524)
       397598.26   3767011.08        0.47001  (15122524)              397638.26
3767011.08        0.42190  (16020124)
       397678.26   3767011.08        0.38215  (16020124)              397718.26
3767011.08        0.35455  (15111624)
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       396558.26   3767051.08        0.15718  (11021824)                396598.26
 3767051.08        0.18280  (11021824)
       396638.26   3767051.08        0.21280  (11021824)                396678.26
 3767051.08        0.25106  (11021824)
       396718.26   3767051.08        0.29927  (11021824)                396758.26
 3767051.08        0.36700  (11021824)
       396798.26   3767051.08        0.43487  (11021824)                396838.26
 3767051.08        0.50466  (11021824)
       396878.26   3767051.08        0.65727  (15010624)                396918.26
 3767051.08        0.92094  (15010624)
       396958.26   3767051.08        1.15843  (15010624)                396998.26
 3767051.08        1.63714  (15122224)
       397038.26   3767051.08        2.40940  (16122024)                397078.26
 3767051.08        2.30256  (16122724)
       397118.26   3767051.08        2.41070  (16122824)                397158.26
 3767051.08        2.01236  (16122824)
       397198.26   3767051.08        1.36956  (16122924)                397238.26
 3767051.08        1.02990  (11011324)
       397278.26   3767051.08        1.09875  (15122524)                397318.26
 3767051.08        1.02357  (15111624)
       397358.26   3767051.08        0.80591  (15122524)                397398.26
 3767051.08        0.80239  (15122524)
       397438.26   3767051.08        0.78161  (15122524)                397478.26
 3767051.08        0.72573  (15122524)
       397518.26   3767051.08        0.64790  (15122524)                397558.26
 3767051.08        0.57411  (16020124)
       397598.26   3767051.08        0.53086  (15111624)                397638.26
 3767051.08        0.48478  (15111624)
       397678.26   3767051.08        0.44100  (15111624)                397718.26
 3767051.08        0.40155  (15111624)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  84
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	0.15690	(11020924)	396598.26	3767091.08	0.17784	(11020924)
396638.26	3767091.08	0.20181	(12012324)	396678.26	3767091.08	0.23915	(12012324)
396718.26	3767091.08	0.28747	(12012324)	396758.26	3767091.08	0.34491	(12012324)
396798.26	3767091.08	0.41374	(12012324)	396838.26	3767091.08	0.51091	(12012324)
396878.26	3767091.08	0.62867	(12012324)	396918.26	3767091.08	0.77610	(12012324)
396958.26	3767091.08	1.21711	(15010624)	396998.26	3767091.08	2.52875	(10121724)
397078.26	3767091.08	2.20256	(16122024)	397118.26	3767091.08	2.24623	(16122824)
397158.26	3767091.08	1.94127	(16122824)	397198.26	3767091.08	1.35421	(16122824)
397238.26	3767091.08	1.42449	(11011324)	397278.26	3767091.08	1.67369	(15122524)
397318.26	3767091.08	1.84435	(15122524)	397358.26	3767091.08	1.11168	(15122524)
397398.26	3767091.08	0.98533	(15122524)	397438.26	3767091.08	0.87562	(15122524)
397478.26	3767091.08	0.81016	(15111624)	397518.26	3767091.08	0.74533	(15111624)
397558.26	3767091.08	0.67636	(15111624)	397598.26	3767091.08	0.60949	(15111624)
397638.26	3767091.08	0.54430	(15111624)	397678.26	3767091.08	0.48130	(15111624)
397718.26	3767091.08	0.42693	(15111624)	396558.26	3767131.08	0.16414	(11020924)
396598.26	3767131.08	0.18768	(11020924)	396638.26	3767131.08	0.21342	(11020924)
396678.26	3767131.08	0.23927	(11020924)	396718.26	3767131.08	0.27343	(11020924)
396758.26	3767131.08	0.31462	(11020924)	396798.26	3767131.08	0.38194	(12012324)
396838.26	3767131.08	0.47240	(12012324)	396878.26	3767131.08	0.59067	(12012324)
396918.26	3767131.08	0.75623	(12012324)	396958.26	3767131.08	1.15346	(12012324)
397238.26	3767131.08	1.87840	(15122524)	397278.26	3767131.08	2.23062	(15111624)

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       397318.26   3767131.08        2.38986  (15111624)               397358.26
 3767131.08        1.69436  (15111624)
       397398.26   3767131.08        1.20471  (15111624)               397438.26
 3767131.08        1.07082  (15111624)
       397478.26   3767131.08        0.94212  (15111624)               397518.26
 3767131.08        0.82794  (15111624)
       397558.26   3767131.08        0.72463  (15111624)               397598.26
 3767131.08        0.63420  (15111624)
       397638.26   3767131.08        0.55680  (15111624)               397678.26
 3767131.08        0.48255  (15111624)
       397718.26   3767131.08        0.41667  (15111624)               396558.26
 3767171.08        0.16012  (11020924)
       396598.26   3767171.08        0.18245  (11020924)               396638.26
 3767171.08        0.20968  (11020924)
       396678.26   3767171.08        0.23648  (11020924)               396718.26
 3767171.08        0.26711  (11020924)
       396758.26   3767171.08        0.30942  (11020924)               396798.26
 3767171.08        0.36547  (11020924)
       396838.26   3767171.08        0.43407  (11020924)               396878.26
 3767171.08        0.52239  (11020924)
       396918.26   3767171.08        0.62958  (11020924)               397438.26
 3767171.08        1.13352  (15111624)
       397478.26   3767171.08        0.95433  (15111624)               397518.26
 3767171.08        0.81437  (15111624)
       397558.26   3767171.08        0.69305  (15111624)               397598.26
 3767171.08        0.59108  (15111624)
       397638.26   3767171.08        0.50689  (15111624)               397678.26
 3767171.08        0.44152  (15111624)
       397718.26   3767171.08        0.38434  (15111624)               396558.26
 3767211.08        0.14374  (11020924)
       396598.26   3767211.08        0.16336  (11020924)               396638.26
 3767211.08        0.18525  (11020924)
       396678.26   3767211.08        0.21056  (11020924)               396718.26
 3767211.08        0.23156  (11020924)
       396758.26   3767211.08        0.26184  (11020924)               396798.26
 3767211.08        0.30457  (11020924)
       396838.26   3767211.08        0.36358  (11020924)               396878.26
 3767211.08        0.43388  (11020924)
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  85
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396918.26   3767211.08        0.53320  (12112924)               396958.26
 3767211.08        0.63691  (12112924)
        397438.26   3767211.08        0.91966  (15111624)               397478.26
 3767211.08        0.76443  (15111624)
        397518.26   3767211.08        0.65181  (15111624)               397558.26
 3767211.08        0.56749  (15111624)
        397598.26   3767211.08        0.49768  (15111624)               397638.26
 3767211.08        0.43041  (15111624)
        397678.26   3767211.08        0.37150  (15111624)               397718.26
 3767211.08        0.32810  (15111624)
        396558.26   3767251.08        0.13268  (12112924)               396598.26
 3767251.08        0.15281  (12112924)
        396638.26   3767251.08        0.17592  (12112924)               396678.26
 3767251.08        0.20298  (12112924)
        396718.26   3767251.08        0.22549  (12112924)               396758.26
 3767251.08        0.24737  (12112924)
        396798.26   3767251.08        0.28716  (12112924)               396838.26
 3767251.08        0.34230  (12112924)
        396878.26   3767251.08        0.42256  (12112924)               396918.26
 3767251.08        0.50807  (10100624)
        396958.26   3767251.08        0.60236  (10100624)               396998.26
 3767251.08        0.83920  (10100524)
        397038.26   3767251.08        0.74315  (10100524)               397078.26
 3767251.08        0.71022  (10100524)
        397118.26   3767251.08        1.49556  (16062124)               397318.26
 3767251.08        1.41428  (10030924)
        397358.26   3767251.08        0.99383  (10030924)               397398.26
 3767251.08        0.74982  (10030924)
        397438.26   3767251.08        0.59839  (16102824)               397478.26
 3767251.08        0.50606  (16102824)
        397518.26   3767251.08        0.43519  (15111624)               397558.26
 3767251.08        0.38810  (15111624)
        397598.26   3767251.08        0.34926  (15111624)               397638.26
 3767251.08        0.31551  (15111624)
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       397678.26   3767251.08        0.28452  (15111624)               397718.26
 3767251.08        0.25662  (15111624)
       396558.26   3767291.08        0.12656  (12112924)               396598.26
 3767291.08        0.14670  (12122524)
       396638.26   3767291.08        0.17018  (12122524)               396678.26
 3767291.08        0.19750  (12122524)
       396718.26   3767291.08        0.22757  (12122524)               396758.26
 3767291.08        0.23652  (12122524)
       396798.26   3767291.08        0.27889  (10100624)               396838.26
 3767291.08        0.33830  (10100624)
       396878.26   3767291.08        0.41601  (10100624)               396918.26
 3767291.08        0.48691  (10100624)
       396958.26   3767291.08        0.55247  (10100624)               396998.26
 3767291.08        0.66754  (10100624)
       397038.26   3767291.08        0.90354  (10100524)               397078.26
 3767291.08        1.16808b (12052424)
       397118.26   3767291.08        1.02778  (16062124)               397158.26
 3767291.08        1.59299  (11090924)
       397278.26   3767291.08        1.89187  (11072924)               397318.26
 3767291.08        1.65751  (11072924)
       397358.26   3767291.08        1.15771  (11072924)               397398.26
 3767291.08        0.91874  (10030924)
       397438.26   3767291.08        0.72083  (10030924)               397478.26
 3767291.08        0.57617  (10030924)
       397518.26   3767291.08        0.46632  (10030924)               397558.26
 3767291.08        0.38869  (10030924)
       397598.26   3767291.08        0.32758  (16102824)               397638.26
 3767291.08        0.28531  (16102824)
       397678.26   3767291.08        0.24970  (16102824)               397718.26
 3767291.08        0.21802  (16102824)
       396558.26   3767331.08        0.13172  (12122524)               396598.26
 3767331.08        0.14908  (12122524)
       396638.26   3767331.08        0.16814  (12122524)               396678.26
 3767331.08        0.19092  (12122524)
       396718.26   3767331.08        0.21315  (12122524)               396758.26
 3767331.08        0.23590  (10100624)
       396798.26   3767331.08        0.27379  (10100624)               396838.26
 3767331.08        0.32780  (10100524)
       396878.26   3767331.08        0.40483  (10100524)               396918.26
 3767331.08        0.45993  (10100524)
       396958.26   3767331.08        0.50683  (10100524)               396998.26
 3767331.08        0.55991  (10111924)
       397038.26   3767331.08        0.77692m (10102024)               397078.26
 3767331.08        1.03604m (10102024)
       397118.26   3767331.08        1.32915  (11090924)               397158.26
 3767331.08        1.61721m (10102124)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	1.62112	(11082624)	397238.26	3767331.08	1.77525	(11090224)
397278.26	3767331.08	1.69722	(11090224)	397318.26	3767331.08	1.22185	(11090224)
397358.26	3767331.08	1.12261	(11072924)	397398.26	3767331.08	0.94935	(11072924)
397438.26	3767331.08	0.76892	(10030924)	397478.26	3767331.08	0.63303	(10030924)
397518.26	3767331.08	0.52686	(10030924)	397558.26	3767331.08	0.43733	(10030924)
397598.26	3767331.08	0.36906	(10030924)	397638.26	3767331.08	0.31256	(10030924)
397678.26	3767331.08	0.26596	(10030924)	397718.26	3767331.08	0.22675	(10030924)
396558.26	3767371.08	0.12517	(12122524)	396598.26	3767371.08	0.13788	(12122524)
396638.26	3767371.08	0.15510	(10100524)	396678.26	3767371.08	0.18729	(10100524)
396718.26	3767371.08	0.22610	(10100524)	396758.26	3767371.08	0.26240	(10100524)
396798.26	3767371.08	0.29814	(10100524)	396838.26	3767371.08	0.33956	(10100524)
396878.26	3767371.08	0.39111	(10100524)	396918.26	3767371.08	0.41690	(10100524)
396958.26	3767371.08	0.43259	(10111924)	396998.26	3767371.08	0.56684m	(10102024)

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       397038.26   3767371.08        0.77721m (10102024)              397078.26
3767371.08        0.95786m (10102024)
       397118.26   3767371.08        1.05468m (10102024)              397158.26
3767371.08        1.19545m (10102124)
       397198.26   3767371.08        1.18018m (10102124)              397238.26
3767371.08        1.15626  (12102224)
       397278.26   3767371.08        1.15399  (12102224)              397318.26
3767371.08        1.07775  (11090224)
       397358.26   3767371.08        0.93794  (11090224)              397398.26
3767371.08        0.88757  (11042024)
       397438.26   3767371.08        0.77161  (11042024)              397478.26
3767371.08        0.64355  (11042024)
       397518.26   3767371.08        0.53724  (10030924)              397558.26
3767371.08        0.46075  (10030924)
       397598.26   3767371.08        0.38816  (10030924)              397638.26
3767371.08        0.33212  (10030924)
       397678.26   3767371.08        0.28411  (10030924)              397718.26
3767371.08        0.24323  (10030924)
       396558.26   3767411.08        0.11574  (10100524)              396598.26
3767411.08        0.13928  (10100524)
       396638.26   3767411.08        0.16820  (10100524)              396678.26
3767411.08        0.20210  (10100524)
       396718.26   3767411.08        0.23958  (10100524)              396758.26
3767411.08        0.27416  (10100524)
       396798.26   3767411.08        0.30056  (10100524)              396838.26
3767411.08        0.32719  (10100524)
       396878.26   3767411.08        0.35272  (10100524)              396918.26
3767411.08        0.35732  (10100524)
       396958.26   3767411.08        0.43425m (10102024)              396998.26
3767411.08        0.58703m (10102024)
       397038.26   3767411.08        0.73646m (10102024)              397078.26
3767411.08        0.84192m (10102024)
       397118.26   3767411.08        0.89074b (12052424)              397158.26
3767411.08        0.93036m (10102124)
       397198.26   3767411.08        1.02419  (16051624)              397238.26
3767411.08        1.04445  (16051624)
       397278.26   3767411.08        0.97284  (12102224)              397318.26
3767411.08        0.93600  (12102224)
       397358.26   3767411.08        0.82993  (11090224)              397398.26
3767411.08        0.72939  (11090224)
       397438.26   3767411.08        0.70261  (11042024)              397478.26
3767411.08        0.63630  (11042024)
       397518.26   3767411.08        0.55396  (11042024)              397558.26
3767411.08        0.47028  (11042024)
       397598.26   3767411.08        0.39264  (11042024)              397638.26
3767411.08        0.33485  (10030924)
       397678.26   3767411.08        0.29099  (10030924)              397718.26
3767411.08        0.25089  (10030924)
       396558.26   3767451.08        0.12389  (10100524)              396598.26
3767451.08        0.14851  (10100524)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	0.28189	(10100524)	396838.26	3767451.08	0.29892	(10100524)
396878.26	3767451.08	0.30543	(10100524)	396918.26	3767451.08	0.35699	(11032824)
396958.26	3767451.08	0.45200m	(10102024)	396998.26	3767451.08	0.55867m	(10102024)
397038.26	3767451.08	0.64684m	(10102024)	397078.26	3767451.08	0.69445m	(10102024)
397118.26	3767451.08	0.79765b	(12052424)	397158.26	3767451.08	0.81300b	(12052424)
397198.26	3767451.08	0.87291	(16051624)	397238.26	3767451.08	0.93219	(16051624)
397278.26	3767451.08	0.85763	(16051624)	397318.26	3767451.08	0.81345	(12102224)
397358.26	3767451.08	0.75525	(12102224)	397398.26	3767451.08	0.65661	(12102224)
397438.26	3767451.08	0.58792	(16061324)	397478.26	3767451.08	0.55948	(11042024)

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       397518.26   3767451.08        0.52605  (11042024)              397558.26
3767451.08        0.47032  (11042024)
       397598.26   3767451.08        0.40829  (11042024)              397638.26
3767451.08        0.34830  (11042024)
       397678.26   3767451.08        0.29278  (11042024)              397718.26
3767451.08        0.24969  (10030924)
       396558.26   3767491.08        0.13064  (10100524)              396598.26
3767491.08        0.15351  (10100524)
       396638.26   3767491.08        0.17753  (10100524)              396678.26
3767491.08        0.20155  (10100524)
       396718.26   3767491.08        0.22448  (10100524)              396758.26
3767491.08        0.24496  (10100524)
       396798.26   3767491.08        0.25200  (10100524)              396838.26
3767491.08        0.25836  (10100524)
       396878.26   3767491.08        0.30267  (11032824)              396918.26
3767491.08        0.36408m (10102024)
       396958.26   3767491.08        0.44645m (10102024)              396998.26
3767491.08        0.51443m (10102024)
       397038.26   3767491.08        0.55826m (10102024)              397078.26
3767491.08        0.60830b (12052424)
       397118.26   3767491.08        0.70992b (12052424)              397158.26
3767491.08        0.72846b (12052424)
       397198.26   3767491.08        0.73824  (16051624)              397238.26
3767491.08        0.81415  (16051624)
       397278.26   3767491.08        0.78854  (16051624)              397318.26
3767491.08        0.67889  (12102224)
       397358.26   3767491.08        0.67627  (12102224)              397398.26
3767491.08        0.62039  (12102224)
       397438.26   3767491.08        0.53973  (12102224)              397478.26
3767491.08        0.48343  (16061324)
       397518.26   3767491.08        0.45836  (11042024)              397558.26
3767491.08        0.42716  (11042024)
       397598.26   3767491.08        0.39381  (11042024)              397638.26
3767491.08        0.34931  (11042024)
       397678.26   3767491.08        0.30350  (11042024)              397718.26
3767491.08        0.25958  (11042024)
       396558.26   3767531.08        0.13249  (10100524)              396598.26
3767531.08        0.15108  (10100524)
       396638.26   3767531.08        0.16886  (10100524)              396678.26
3767531.08        0.18589  (10100524)
       396718.26   3767531.08        0.20206  (10100524)              396758.26
3767531.08        0.21606  (10100524)
       396798.26   3767531.08        0.21734  (10100524)              396838.26
3767531.08        0.25455  (11032824)
       396878.26   3767531.08        0.29757m (10102024)              396918.26
3767531.08        0.36235m (10102024)
       396958.26   3767531.08        0.42055m (10102024)              396998.26
3767531.08        0.46162m (10102024)
       397038.26   3767531.08        0.48017  (10061124)              397078.26
3767531.08        0.56040b (12052424)
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       397118.26   3767531.08        0.64320b (12052424)                397158.26
 3767531.08        0.65763b (12052424)
       397198.26   3767531.08        0.62432  (16051624)                397238.26
 3767531.08        0.70677  (16051624)
       397278.26   3767531.08        0.71200  (16051624)                397318.26
 3767531.08        0.63746  (16051624)
       397358.26   3767531.08        0.58189  (12102224)                397398.26
 3767531.08        0.56594  (12102224)
       397438.26   3767531.08        0.51789  (12102224)                397478.26
 3767531.08        0.45249  (12102224)
       397518.26   3767531.08        0.39814  (16061324)                397558.26
 3767531.08        0.37287  (11042024)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  88
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397598.26   3767531.08        0.35290  (11042024)                397638.26
 3767531.08        0.32651  (11042024)
       397678.26   3767531.08        0.29587  (11042024)                397718.26
 3767531.08        0.26195  (11042024)
       397320.82   3767219.11        2.31337  (15111624)                397330.82
 3767209.11        2.90462  (15111624)
       397340.82   3767189.11        3.51327  (15111624)                397340.82
 3767199.11        3.24090  (15111624)
       397340.82   3767209.11        2.78226  (15111624)                397350.82
 3767189.11        3.46713  (15111624)
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       397350.82   3767199.11        3.08585  (15111624)               397360.82
 3767189.11        2.98510  (15111624)
       397360.82   3767199.11        2.70525  (15111624)               397370.82
 3767189.11        2.04859  (15111624)
       397380.82   3767189.11        1.46804  (15111624)               396934.73
 3767169.52        0.69843  (12012324)
       397014.53   3767229.60        1.18027  (10100524)               397044.10
 3767223.97        1.10188  (10100524)
       397113.57   3767239.93        1.60340  (16062124)               397158.63
 3767280.29        1.87756  (11090924)
       397168.95   3767307.05        1.25981  (11090924)               397244.05
 3767296.72        1.51919  (11090224)
       397260.95   3767278.88        1.57913  (11090224)               397409.74
 3767205.66        1.11428  (15111624)
       397422.89   3767189.23        1.15447  (15111624)               397426.64
 3767180.78        1.16908  (15111624)
       397420.54   3767170.46        1.22442  (15111624)               397318.68
 3767160.13        2.62445  (15111624)
       397022.98   3767083.62        2.40734  (15122224)               396920.42
 3767167.32        0.65345  (12012324)
       396989.95   3767243.54        0.79073  (10100524)               397044.10
 3767223.97        1.10188  (10100524)
       397113.57   3767239.93        1.60340  (16062124)               397158.63
 3767280.29        1.87756  (11090924)
       397168.95   3767307.05        1.25981  (11090924)               397244.05
 3767296.72        1.51919  (11090224)
       397260.95   3767278.88        1.57913  (11090224)               397409.74
 3767205.66        1.11428  (15111624)
       397422.89   3767189.23        1.15447  (15111624)               397426.64
 3767180.78        1.16908  (15111624)
       397420.54   3767170.46        1.22442  (15111624)               397318.68
 3767160.13        2.62445  (15111624)
       397022.98   3767083.62        2.40734  (15122224)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  89
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	3.46536m	(15020724)	396598.26	3766771.08	3.77675m	(15020724)
396638.26	3766771.08	4.15525m	(15020724)	396678.26	3766771.08	4.53003m	(15020724)
396718.26	3766771.08	4.92548m	(15020724)	396758.26	3766771.08	5.32996m	(15020724)
396798.26	3766771.08	5.72973m	(15020724)	396838.26	3766771.08	6.17196m	(15020724)
396878.26	3766771.08	6.61525m	(15020724)	396918.26	3766771.08	7.05120m	(15020724)
396958.26	3766771.08	7.45202m	(15020724)	396998.26	3766771.08	7.78616m	(15020724)
397038.26	3766771.08	8.03804m	(15020724)	397078.26	3766771.08	8.19086m	(15020724)
397118.26	3766771.08	8.22488m	(15020724)	397158.26	3766771.08	8.13664m	(15020724)
397198.26	3766771.08	7.97562m	(15020724)	397238.26	3766771.08	7.74307m	(15020724)
397278.26	3766771.08	7.44466m	(15020724)	397318.26	3766771.08	7.09358m	(15020724)
397358.26	3766771.08	6.70256m	(15020724)	397398.26	3766771.08	6.29558m	(15020724)
397438.26	3766771.08	5.87900m	(15020724)	397478.26	3766771.08	5.46979m	(15020724)
397518.26	3766771.08	5.07524m	(15020724)	397558.26	3766771.08	4.70075m	(15020724)
397598.26	3766771.08	4.35072m	(15020724)	397638.26	3766771.08	4.02678m	(15020724)
397678.26	3766771.08	3.72870m	(15020724)	397718.26	3766771.08	3.45498m	(15020724)
396558.26	3766811.08	3.66939m	(15020724)	396598.26	3766811.08	4.00414m	(15020724)
396638.26	3766811.08	4.44414m	(15020724)	396678.26	3766811.08	4.90046m	(15020724)
396718.26	3766811.08	5.36072m	(15020724)	396758.26	3766811.08	5.83074m	(15020724)
396798.26	3766811.08	6.36814m	(15020724)	396838.26			

3766811.08 6.93935m (15020724)
396878.26 3766811.08 7.52307m (15020724) 396918.26
3766811.08 8.10740m (15020724)
396958.26 3766811.08 8.65442m (15020724) 396998.26
3766811.08 9.11961m (15020724)
397038.26 3766811.08 9.46823m (15020724) 397078.26
3766811.08 9.67785m (15020724)
397118.26 3766811.08 9.75788m (15020724) 397158.26
3766811.08 9.67156m (15020724)
397198.26 3766811.08 9.42064m (15020724) 397238.26
3766811.08 9.05421m (15020724)
397278.26 3766811.08 8.61818m (15020724) 397318.26
3766811.08 8.13958m (15020724)
397358.26 3766811.08 7.62649m (15020724) 397398.26
3766811.08 7.09502m (15020724)
397438.26 3766811.08 6.56340m (15020724) 397478.26
3766811.08 6.05053m (15020724)
397518.26 3766811.08 5.56361m (15020724) 397558.26
3766811.08 5.11019m (15020724)
397598.26 3766811.08 4.69354m (15020724) 397638.26
3766811.08 4.31387m (15020724)
397678.26 3766811.08 3.96983m (15020724) 397718.26
3766811.08 3.65884m (15020724)
396558.26 3766851.08 3.88963m (15020724) 396598.26
3766851.08 4.25138m (15020724)
396638.26 3766851.08 4.70258m (15020724) 396678.26
3766851.08 5.23863m (15020724)
396718.26 3766851.08 5.80266m (15020724) 396758.26
3766851.08 6.40983m (15020724)
396798.26 3766851.08 7.09400m (15020724) 396838.26
3766851.08 7.84011m (15020724)
396878.26 3766851.08 8.63554m (15020724) 396918.26
3766851.08 9.41819m (15020724)
396958.26 3766851.08 10.17770m (15020724) 396998.26
3766851.08 10.84075m (15020724)
397038.26 3766851.08 11.33596m (15020724) 397078.26
3766851.08 11.65724m (15020724)
397118.26 3766851.08 11.77303m (15020724) 397158.26
3766851.08 11.64889m (15020724)
397198.26 3766851.08 11.30233m (15020724) 397238.26
3766851.08 10.80458m (15020724)
397278.26 3766851.08 10.17473m (15020724) 397318.26
3766851.08 9.45458m (15020724)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	8.74891m	(15020724)	397398.26	3766851.08	8.04500m	(15020724)
397438.26	3766851.08	7.36093m	(15020724)	397478.26	3766851.08	6.71103m	(15020724)
397518.26	3766851.08	6.10781m	(15020724)	397558.26	3766851.08	5.55745m	(15020724)
397598.26	3766851.08	5.06106m	(15020724)	397638.26	3766851.08	4.61652m	(15020724)
397678.26	3766851.08	4.21980m	(15020724)	397718.26	3766851.08	3.86641m	(15020724)
396558.26	3766891.08	4.10702m	(15020724)	396598.26	3766891.08	4.51214m	(15020724)
396638.26	3766891.08	5.01941m	(15020724)	396678.26	3766891.08	5.63974m	(15020724)
396718.26	3766891.08	6.30917m	(15020724)	396758.26	3766891.08	7.06967m	(15020724)
396798.26	3766891.08	7.93533m	(15020724)	396838.26	3766891.08	8.90528m	(15020724)
396878.26	3766891.08	9.98442m	(15020724)	396918.26	3766891.08	11.06321m	(15020724)
396958.26	3766891.08	12.15493m	(15020724)	396998.26	3766891.08	13.12418m	(15020724)
397038.26	3766891.08	13.87030m	(15020724)	397078.26	3766891.08	14.39509m	(15020724)
397118.26	3766891.08	14.52796m	(15020724)	397158.26	3766891.08	14.26799m	(15020724)
397198.26	3766891.08	13.80848m	(15020724)	397238.26	3766891.08	13.06713m	(15020724)

397278.26 3766891.08 12.18188m (15020724) 397318.26 3766891.08 11.20911m (15020724)
397358.26 3766891.08 10.17918m (15020724) 397398.26 3766891.08 9.18814m (15020724)
397438.26 3766891.08 8.28633m (15020724) 397478.26 3766891.08 7.45843m (15020724)
397518.26 3766891.08 6.71123m (15020724) 397558.26 3766891.08 6.04161m (15020724)
397598.26 3766891.08 5.45066m (15020724) 397638.26 3766891.08 4.93126m (15020724)
397678.26 3766891.08 4.47543m (15020724) 397718.26 3766891.08 4.07594m (15020724)
396558.26 3766931.08 4.32985m (15020724) 396598.26 3766931.08 4.79048m (15020724)
396638.26 3766931.08 5.37796m (15020724) 396678.26 3766931.08 6.04554m (15020724)
396718.26 3766931.08 6.86269m (15020724) 396758.26 3766931.08 7.80269m (15020724)
396798.26 3766931.08 8.90451m (15020724) 396838.26 3766931.08 10.17512m (15020724)
396878.26 3766931.08 11.61830m (15020724) 396918.26 3766931.08 13.19880m (15020724)
396958.26 3766931.08 14.81213m (15020724) 396998.26 3766931.08 16.31641m (15020724)
397038.26 3766931.08 17.54434m (15020724) 397078.26 3766931.08 18.29209m (15020724)
397118.26 3766931.08 18.46000m (15020724) 397158.26 3766931.08 18.05591m (15020724)
397198.26 3766931.08 17.25381m (15020724) 397238.26 3766931.08 16.13139m (15020724)
397278.26 3766931.08 14.79296m (15020724) 397318.26 3766931.08 13.39876m (15020724)
397358.26 3766931.08 12.02874m (15020724) 397398.26 3766931.08 10.65079m (15020724)
397438.26 3766931.08 9.39233m (15020724) 397478.26 3766931.08 8.31058m (15020724)
397518.26 3766931.08 7.37817m (15020724) 397558.26 3766931.08 6.55961m (15020724)
397598.26 3766931.08 5.85647m (15020724) 397638.26 3766931.08 5.25212m (15020724)
397678.26 3766931.08 4.73133m (15020724) 397718.26 3766931.08 4.28434m (15020724)
396558.26 3766971.08 4.54132m (15020724) 396598.26 3766971.08 5.05989m (15020724)
396638.26 3766971.08 5.70245m (15020724) 396678.26 3766971.08 6.47090m (15020724)
396718.26 3766971.08 7.42014m (15020724) 396758.26 3766971.08 8.57544m (15020724)
396798.26 3766971.08 9.97855m (15020724) 396838.26 3766971.08 11.69210m (15020724)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	18.56282m	(15020724)	396998.26	3766971.08	21.10045m	(15020724)
397038.26	3766971.08	23.11688m	(15020724)	397078.26	3766971.08	24.19653m	(15020724)
397118.26	3766971.08	24.30121m	(15020724)	397158.26	3766971.08	23.52038m	(15020724)
397198.26	3766971.08	22.13246m	(15020724)	397238.26	3766971.08	20.35268m	(15020724)
397278.26	3766971.08	18.33869m	(15020724)	397318.26	3766971.08	16.28444m	(15020724)
397358.26	3766971.08	13.57532m	(15020724)	397398.26	3766971.08	12.11856m	(15020724)
397438.26	3766971.08	10.71764m	(15020724)	397478.26	3766971.08	9.28414m	(15020724)
397518.26	3766971.08	8.09625m	(15020724)	397558.26	3766971.08	7.10085m	(15020724)
397598.26	3766971.08	6.26955m	(15020724)	397638.26	3766971.08	5.57034m	(15020724)
397678.26	3766971.08	4.97904m	(15020724)	397718.26			

3766971.08 4.48309m (15020724)
396558.26 3767011.08 4.73814m (15020724) 396598.26
3767011.08 5.29933m (15020724)
396638.26 3767011.08 6.01350m (15020724) 396678.26
3767011.08 6.89584m (15020724)
396718.26 3767011.08 7.98596m (15020724) 396758.26
3767011.08 9.37478m (15020724)
396798.26 3767011.08 11.14400m (15020724) 396838.26
3767011.08 13.42848m (15020724)
396878.26 3767011.08 16.32102m (15020724) 396918.26
3767011.08 19.94870m (15020724)
396958.26 3767011.08 24.15630m (15020724) 396998.26
3767011.08 28.77226m (15020724)
397038.26 3767011.08 32.34779m (15020724) 397078.26
3767011.08 33.95553m (15020724)
397118.26 3767011.08 33.66957m (15020724) 397158.26
3767011.08 31.96940m (15020724)
397198.26 3767011.08 29.47535m (15020724) 397238.26
3767011.08 26.50895m (15020724)
397278.26 3767011.08 23.35217m (15020724) 397318.26
3767011.08 20.16434m (15020724)
397358.26 3767011.08 16.02146m (15020724) 397398.26
3767011.08 13.11934m (15020724)
397438.26 3767011.08 12.08382m (15020724) 397478.26
3767011.08 10.33897m (15020724)
397518.26 3767011.08 8.84608m (15020724) 397558.26
3767011.08 7.64889m (15020724)
397598.26 3767011.08 6.67476m (15020724) 397638.26
3767011.08 5.87665m (15020724)
397678.26 3767011.08 5.21380m (15020724) 397718.26
3767011.08 4.66693m (15020724)
396558.26 3767051.08 4.90623m (15020724) 396598.26
3767051.08 5.52827m (15020724)
396638.26 3767051.08 6.28607m (15020724) 396678.26
3767051.08 7.27453m (15020724)
396718.26 3767051.08 8.52643m (15020724) 396758.26
3767051.08 10.15272m (15020724)
396798.26 3767051.08 12.33942m (15020724) 396838.26
3767051.08 15.32980m (15020724)
396878.26 3767051.08 19.54567m (15020724) 396918.26
3767051.08 25.52575m (15020724)
396958.26 3767051.08 33.52492m (15020724) 396998.26
3767051.08 43.18257m (15020724)
397038.26 3767051.08 50.81629m (15020724) 397078.26
3767051.08 52.56743m (15020724)
397118.26 3767051.08 50.40448m (15020724) 397158.26
3767051.08 46.29742m (15020724)
397198.26 3767051.08 41.42173m (15020724) 397238.26
3767051.08 36.18056m (15020724)
397278.26 3767051.08 30.93794m (15020724) 397318.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	5.05030m	(15020724)	396598.26	3767091.08	5.72945m	(15020724)
396638.26	3767091.08	6.52875m	(15020724)	396678.26	3767091.08	7.56584m	(15020724)
396718.26	3767091.08	8.96402m	(15020724)	396758.26	3767091.08	10.83015m	(15020724)
396798.26	3767091.08	13.41815m	(15020724)	396838.26	3767091.08	17.22225m	(15020724)
396878.26	3767091.08	23.12690m	(15020724)	396918.26	3767091.08	32.97240m	(15020724)

396958.26 3767091.08 49.94884m (15020724) 396998.26
3767091.08 82.34583m (15020724)
397078.26 3767091.08 99.21647m (15020724) 397118.26
3767091.08 87.03235m (15020724)
397158.26 3767091.08 74.87923m (15020724) 397198.26
3767091.08 63.66067m (15020724)
397238.26 3767091.08 53.40025m (15020724) 397278.26
3767091.08 43.92203m (15020724)
397318.26 3767091.08 34.44299m (15020724) 397358.26
3767091.08 25.60938m (15020724)
397398.26 3767091.08 19.21977 (15121424) 397438.26
3767091.08 16.42560 (15121424)
397478.26 3767091.08 14.22977 (15111624) 397518.26
3767091.08 11.98057 (15111624)
397558.26 3767091.08 10.51573 (15111624) 397598.26
3767091.08 8.06000 (15111624)
397638.26 3767091.08 6.40035m (15020724) 397678.26
3767091.08 5.60540m (15020724)
397718.26 3767091.08 4.95729m (15020724) 396558.26
3767131.08 5.15631m (15020724)
396598.26 3767131.08 5.86306m (15020724) 396638.26
3767131.08 6.72960m (15020724)
396678.26 3767131.08 7.78431m (15020724) 396718.26
3767131.08 9.24095m (15020724)
396758.26 3767131.08 11.28533m (15020724) 396798.26
3767131.08 14.20898m (15020724)
396838.26 3767131.08 18.69624m (15020724) 396878.26
3767131.08 26.46660m (15020724)
396918.26 3767131.08 42.31425m (15020724) 396958.26
3767131.08 86.29890m (15020724)
397238.26 3767131.08 94.68672m (15020724) 397278.26
3767131.08 73.60712m (15020724)
397318.26 3767131.08 51.79785m (15020724) 397358.26
3767131.08 32.40330m (15020724)
397398.26 3767131.08 24.61048 (15121424) 397438.26
3767131.08 19.71140 (15111624)
397478.26 3767131.08 17.26921 (15111624) 397518.26
3767131.08 14.18595 (15111624)
397558.26 3767131.08 11.85096 (15111624) 397598.26
3767131.08 9.44885 (15111624)
397638.26 3767131.08 6.55289m (15020724) 397678.26
3767131.08 5.73236m (15020724)
397718.26 3767131.08 5.05249m (15020724) 396558.26
3767171.08 5.21678m (15020724)
396598.26 3767171.08 5.93324m (15020724) 396638.26
3767171.08 6.83117m (15020724)
396678.26 3767171.08 7.93098m (15020724) 396718.26
3767171.08 9.36287m (15020724)
396758.26 3767171.08 11.43079m (15020724) 396798.26
3767171.08 14.51118m (15020724)

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       396838.26   3767171.08       19.31161m (15020724)                396878.26
 3767171.08       27.96387m (15020724)
       396918.26   3767171.08       48.48433m (15020724)                397438.26
 3767171.08       21.75044  (15111624)
       397478.26   3767171.08       17.32348  (15111624)                397518.26
 3767171.08       13.30708  (15111624)
       397558.26   3767171.08       10.54969  (15111624)                397598.26
 3767171.08        8.34243  (15111624)
       397638.26   3767171.08        6.60838m (15020724)                397678.26
 3767171.08        5.74877m (15020724)
       397718.26   3767171.08        5.07205m (15020724)                396558.26
 3767211.08        5.21201m (15020724)
       396598.26   3767211.08        5.93003m (15020724)                396638.26
 3767211.08        6.82019m (15020724)
       396678.26   3767211.08        7.95606m (15020724)                396718.26
 3767211.08        9.34299m (15020724)
       396758.26   3767211.08       11.29103m (15020724)                396798.26
 3767211.08       14.19516m (15020724)
       396838.26   3767211.08       18.73755m (15020724)                396878.26
 3767211.08       26.24012m (15020724)
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  93
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08       40.64778m (15020724)                396958.26
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3767211.08       70.81788  (16121124)
       397438.26   3767211.08       21.82362  (15111624)                397478.26
3767211.08       17.62984  (15111624)
       397518.26   3767211.08       13.66892  (15111624)                397558.26
3767211.08       10.43626  (15111624)
       397598.26   3767211.08        8.18899  (15111624)                397638.26
3767211.08        6.92769  (15111624)
       397678.26   3767211.08        6.06470  (15111624)                397718.26
3767211.08        5.17724  (15111624)
       396558.26   3767251.08        5.16465m (15020724)                396598.26
3767251.08        5.86282m (15020724)
       396638.26   3767251.08        6.72869m (15020724)                396678.26
3767251.08        7.82340m (15020724)
       396718.26   3767251.08        9.18717m (15020724)                396758.26
3767251.08       10.91674m (15020724)
       396798.26   3767251.08       13.46036m (15020724)                396838.26
3767251.08       17.22450m (15020724)
       396878.26   3767251.08       23.09021m (15020724)                396918.26
3767251.08       30.53427  (10111924)
       396958.26   3767251.08       44.54103  (10111924)                396998.26
3767251.08       58.81227  (16121124)
       397038.26   3767251.08       71.61752  (16121124)                397078.26
3767251.08       93.97032  (16121124)
       397118.26   3767251.08      147.09360  (16121124)                397318.26
3767251.08       53.19251  (16121224)
       397358.26   3767251.08       36.85417  (11072924)                397398.26
3767251.08       25.67018  (11072924)
       397438.26   3767251.08       19.67995  (11072924)                397478.26
3767251.08       16.26473  (11072924)
       397518.26   3767251.08       12.98608  (11072924)                397558.26
3767251.08       10.55819  (15111624)
       397598.26   3767251.08        8.92042  (15111624)                397638.26
3767251.08        7.09919  (15111624)
       397678.26   3767251.08        5.99512  (15111624)                397718.26
3767251.08        5.15387  (15111624)
       396558.26   3767291.08        6.11869b (11111524)                396598.26
3767291.08        6.16864b (11111524)
       396638.26   3767291.08        6.70002b (11111524)                396678.26
3767291.08        7.49545m (15020724)
       396718.26   3767291.08        8.84113m (15020724)                396758.26
3767291.08       10.36200m (15020724)
       396798.26   3767291.08       12.49717m (15020724)                396838.26
3767291.08       15.50925m (15020724)
       396878.26   3767291.08       19.22622m (15020724)                396918.26
3767291.08       27.77741  (10111924)
       396958.26   3767291.08       34.18438  (10111924)                396998.26
3767291.08       36.96404  (10111924)
       397038.26   3767291.08       36.24406  (10100424)                397078.26
3767291.08       43.92043  (16121124)
       397118.26   3767291.08       64.91138  (16121124)                397158.26
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 3767291.08      115.89173  (16121124)
       397278.26   3767291.08       60.20655m (12050124)                397318.26
 3767291.08       44.83277m (12050124)
       397358.26   3767291.08       31.72308  (12050324)                397398.26
 3767291.08       23.37602  (11072924)
       397438.26   3767291.08       19.45411  (11072924)                397478.26
 3767291.08       16.93418  (11072924)
       397518.26   3767291.08       14.46574  (11072924)                397558.26
 3767291.08       11.91286  (11072924)
       397598.26   3767291.08       10.23631  (11072924)                397638.26
 3767291.08        8.86732  (11072924)
       397678.26   3767291.08        6.37108  (11072924)                397718.26
 3767291.08        5.32749  (15111524)
       396558.26   3767331.08        6.57067b (11111524)                396598.26
 3767331.08        7.39428b (11111524)
       396638.26   3767331.08        8.22931b (11111524)                396678.26
 3767331.08        8.03881  (10111924)
       396718.26   3767331.08        8.18648m (15020724)                396758.26
 3767331.08        9.69256m (15020724)
       396798.26   3767331.08       11.43025m (15020724)                396838.26
 3767331.08       13.78426m (15020724)
       396878.26   3767331.08       16.67271  (10111924)                396918.26
 3767331.08       23.54996  (10111924)
       396958.26   3767331.08       27.55620  (10111924)                396998.26
 3767331.08       30.35576m (10121424)
       397038.26   3767331.08       30.25572  (10100424)                397078.26
 3767331.08       33.63351  (10100424)
       397118.26   3767331.08       39.46702  (10100424)                397158.26
 3767331.08       51.79379  (16121124)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  94
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	57.47253m	(12120224)	397238.26	3767331.08	52.90263m	(12120224)
397278.26	3767331.08	46.00818m	(12050124)	397318.26	3767331.08	37.32962	(16061324)
397358.26	3767331.08	28.82326c	(16072624)	397398.26	3767331.08	22.42714c	(16072624)
397438.26	3767331.08	18.26145	(11072924)	397478.26	3767331.08	16.27061	(11072924)
397518.26	3767331.08	14.19875	(11072924)	397558.26	3767331.08	12.33196	(11072924)
397598.26	3767331.08	10.72767	(11072924)	397638.26	3767331.08	9.81033	(11072924)
397678.26	3767331.08	8.60593	(11072924)	397718.26	3767331.08	6.50567	(11072924)
396558.26	3767371.08	6.54668b	(11111524)	396598.26	3767371.08	7.26460b	(11111524)
396638.26	3767371.08	7.76293b	(11111524)	396678.26	3767371.08	7.44039	(10111924)
396718.26	3767371.08	7.75585m	(15020724)	396758.26	3767371.08	8.95097m	(15020724)
396798.26	3767371.08	10.36264m	(15020724)	396838.26	3767371.08	12.16198m	(15020724)
396878.26	3767371.08	14.26801	(16121124)	396918.26	3767371.08	19.26217	(10111924)
396958.26	3767371.08	23.08253m	(10121424)	396998.26	3767371.08	26.42839m	(10121424)
397038.26	3767371.08	26.03508m	(10121424)	397078.26	3767371.08	26.67299	(10100424)
397118.26	3767371.08	30.03010	(10100424)	397158.26	3767371.08	33.84918m	(10102124)
397198.26	3767371.08	37.99116m	(10102124)	397238.26	3767371.08	38.33358	(10100324)
397278.26	3767371.08	33.25290	(10100324)	397318.26	3767371.08	30.01036	(16061324)
397358.26	3767371.08	26.08966	(15071724)	397398.26	3767371.08	21.66123c	(16072624)
397438.26	3767371.08	18.91249c	(16072624)	397478.26	3767371.08	16.04090c	(16072624)
397518.26	3767371.08	13.66051	(11072924)	397558.26	3767371.08	12.42445	(11072924)
397598.26	3767371.08	11.22412	(11072924)	397638.26	3767371.08	10.01034	(11072924)

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       397678.26   3767371.08        9.25487  (11072924)               397718.26
 3767371.08        8.21515  (11072924)
       396558.26   3767411.08        6.49201  (11021724)               396598.26
 3767411.08        6.93343b (11111524)
       396638.26   3767411.08        7.06309  (10111924)               396678.26
 3767411.08        6.25738  (10111924)
       396718.26   3767411.08        7.20060m (15020724)               396758.26
 3767411.08        8.19720m (15020724)
       396798.26   3767411.08        9.34058m (15020724)               396838.26
 3767411.08       10.73962m (15020724)
       396878.26   3767411.08       12.45416  (16121124)               396918.26
 3767411.08       15.79248m (10121424)
       396958.26   3767411.08       20.52300m (10121424)               396998.26
 3767411.08       22.07723m (10121424)
       397038.26   3767411.08       21.33259m (10121424)               397078.26
 3767411.08       21.77307m (10121424)
       397118.26   3767411.08       23.35260m (10102124)               397158.26
 3767411.08       27.49970m (10102124)
       397198.26   3767411.08       30.50073m (10102124)               397238.26
 3767411.08       30.58782  (10100324)
       397278.26   3767411.08       29.02433  (10100324)               397318.26
 3767411.08       24.48199  (16060524)
       397358.26   3767411.08       23.31257m (12081424)               397398.26
 3767411.08       20.30419  (15071724)
       397438.26   3767411.08       18.02944  (15071724)               397478.26
 3767411.08       16.22846c (16072624)
       397518.26   3767411.08       14.23141c (16072624)               397558.26
 3767411.08       12.26084c (16072624)
       397598.26   3767411.08       10.92013  (11072924)               397638.26
 3767411.08       10.06909  (11072924)
       397678.26   3767411.08        9.13772  (11072924)               397718.26
 3767411.08        8.66488  (11072924)
       396558.26   3767451.08        6.24584b (11111524)               396598.26
 3767451.08        6.99505  (10111924)
       396638.26   3767451.08        6.86989  (10111924)               396678.26
 3767451.08        6.44393  (10111924)
       396718.26   3767451.08        6.48614  (10111924)               396758.26
 3767451.08        7.47595m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  95
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396798.26   3767451.08        8.39471m (15020724)               396838.26
 3767451.08         9.49699m (15020724)
        396878.26   3767451.08       10.92566  (16121124)               396918.26
 3767451.08        14.00102m (10121424)
        396958.26   3767451.08       18.26672m (10121424)               396998.26
 3767451.08        20.01340m (10121424)
        397038.26   3767451.08       19.76504m (10121424)               397078.26
 3767451.08        19.26859m (10121424)
        397118.26   3767451.08       20.12403m (10102124)               397158.26
 3767451.08        23.19661m (10102124)
        397198.26   3767451.08       25.37234m (10102124)               397238.26
 3767451.08        24.87459  (10100324)
        397278.26   3767451.08       25.13187  (10100324)               397318.26
 3767451.08        22.29151  (10100324)
        397358.26   3767451.08       20.04798m (12081424)               397398.26
 3767451.08        18.31915m (12081424)
        397438.26   3767451.08       17.05636  (15071724)               397478.26
 3767451.08        15.51145  (15071724)
        397518.26   3767451.08       14.16112c (16072624)               397558.26
 3767451.08        12.80293c (16072624)
        397598.26   3767451.08       11.38818c (16072624)               397638.26
 3767451.08         9.87868c (16072624)
        397678.26   3767451.08        8.96091  (11072924)               397718.26
 3767451.08         8.47023  (11072924)
        396558.26   3767491.08        6.44734  (10111924)               396598.26
 3767491.08         7.06356  (10111924)
        396638.26   3767491.08        7.77194  (10111924)               396678.26
 3767491.08         8.49168  (10111924)
        396718.26   3767491.08        8.19302  (10111924)               396758.26
 3767491.08         6.79765m (15020724)
        396798.26   3767491.08        7.54380m (15020724)               396838.26
 3767491.08         8.45310  (16121124)
        396878.26   3767491.08        9.61602  (16121124)               396918.26
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 3767491.08       12.17909m (10121424)
       396958.26   3767491.08       15.86072m (10121424)                396998.26
 3767491.08       18.05420m (10121424)
       397038.26   3767491.08       17.87647m (10121424)                397078.26
 3767491.08       16.95814m (10121424)
       397118.26   3767491.08       17.75270m (10102124)                397158.26
 3767491.08       20.06197m (10102124)
       397198.26   3767491.08       21.75101m (10102124)                397238.26
 3767491.08       21.47473m (10102124)
       397278.26   3767491.08       21.57855  (10100324)                397318.26
 3767491.08       20.50266  (10100324)
       397358.26   3767491.08       17.65001  (10100324)                397398.26
 3767491.08       16.69363m (12081424)
       397438.26   3767491.08       15.68194m (12081424)                397478.26
 3767491.08       14.66691  (15071724)
       397518.26   3767491.08       13.52433  (15071724)                397558.26
 3767491.08       12.51883c (16072624)
       397598.26   3767491.08       11.67275c (16072624)                397638.26
 3767491.08       10.48492c (16072624)
       397678.26   3767491.08        9.25487c (16072624)                397718.26
 3767491.08        8.17045c (16072624)
       396558.26   3767531.08        6.64611  (10111924)                396598.26
 3767531.08        7.38779  (10111924)
       396638.26   3767531.08        8.23679  (10111924)                396678.26
 3767531.08        8.97790  (10111924)
       396718.26   3767531.08        8.51335  (10111924)                396758.26
 3767531.08        6.18662m (15020724)
       396798.26   3767531.08        6.79015m (15020724)                396838.26
 3767531.08        7.60057  (16121124)
       396878.26   3767531.08        8.50448  (16121124)                396918.26
 3767531.08        9.99750m (10121424)
       396958.26   3767531.08       13.37464m (10121424)                396998.26
 3767531.08       15.69706m (10121424)
       397038.26   3767531.08       16.13728m (10121424)                397078.26
 3767531.08       15.36181m (10121424)
       397118.26   3767531.08       15.90925m (10102124)                397158.26
 3767531.08       17.60691m (10102124)
       397198.26   3767531.08       18.92487m (10102124)                397238.26
 3767531.08       18.84442m (10102124)
       397278.26   3767531.08       18.55018  (10100324)                397318.26
 3767531.08       18.41693  (10100324)
       397358.26   3767531.08       16.91804  (10100324)                397398.26
 3767531.08       14.44086m (12081424)
       397438.26   3767531.08       14.00925m (12081424)                397478.26
 3767531.08       13.29557m (12081424)
       397518.26   3767531.08       12.74413  (15071724)                397558.26
 3767531.08       11.99061  (15071724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	11.28841c	(16072624)	397638.26	3767531.08	10.49471c	(16072624)
397678.26	3767531.08	9.55121c	(16072624)	397718.26	3767531.08	8.65104c	(16072624)
397320.82	3767219.11	69.49197m	(15020724)	397330.82	3767209.11	62.95848m	(15020724)
397340.82	3767189.11	58.92971m	(15020724)	397340.82	3767199.11	55.98337m	(15020724)
397340.82	3767209.11	52.21936m	(15020724)	397350.82	3767189.11	48.10498m	(15020724)
397350.82	3767199.11	46.69378m	(15020724)	397360.82	3767189.11	40.61828m	(15020724)
397360.82	3767199.11	39.79484m	(15020724)	397370.82	3767189.11	35.16817m	(15020724)
397380.82	3767189.11	30.87162m	(15020724)	396934.73	3767169.52	69.00958m	(15020724)
397014.53	3767229.60	113.27526	(16121124)	397044.10	3767223.97	148.36217	(16121124)
397113.57	3767239.93	159.36676	(16121124)	397158.63	3767280.29	130.39867	(16121124)
397168.95	3767307.05	88.21490	(16121124)	397244.05	3767296.72	86.34344	(15122324)
397260.95	3767278.88	91.49543	(15122324)	397409.74	3767205.66	26.19185	(15111624)

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       397422.89   3767189.23       24.03795  (15111624)                397426.64
 3767180.78       23.50848  (15111624)
       397420.54   3767170.46       23.82740  (15121424)                397318.68
 3767160.13       82.49903m (15020724)
       397022.98   3767083.62       86.95216m (15020724)                396920.42
 3767167.32       50.60400m (15020724)
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 3767223.97      148.36217  (16121124)
       397113.57   3767239.93      159.36676  (16121124)                397158.63
 3767280.29      130.39867  (16121124)
       397168.95   3767307.05       88.21490  (16121124)                397244.05
 3767296.72       86.34344  (15122324)
       397260.95   3767278.88       91.49543  (15122324)                397409.74
 3767205.66       26.19185  (15111624)
       397422.89   3767189.23       24.03795  (15111624)                397426.64
 3767180.78       23.50848  (15111624)
       397420.54   3767170.46       23.82740  (15121424)                397318.68
 3767160.13       82.49903m (15020724)
       397022.98   3767083.62       86.95216m (15020724)

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08       3.46536m (15020724)                396598.26
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3766771.08 3.77675m (15020724)
396638.26 3766771.08 4.15525m (15020724) 396678.26
3766771.08 4.53003m (15020724)
396718.26 3766771.08 4.92548m (15020724) 396758.26
3766771.08 5.32996m (15020724)
396798.26 3766771.08 5.72973m (15020724) 396838.26
3766771.08 6.17196m (15020724)
396878.26 3766771.08 6.61525m (15020724) 396918.26
3766771.08 7.05120m (15020724)
396958.26 3766771.08 7.45202m (15020724) 396998.26
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3766771.08 3.45498m (15020724)
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3766811.08 8.13958m (15020724)
397358.26 3766811.08 7.62649m (15020724) 397398.26

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       397678.26   3766811.08        3.96983m (15020724)               397718.26
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       396638.26   3766851.08        4.70258m (15020724)               396678.26
 3766851.08        5.23863m (15020724)
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 3766851.08        9.41819m (15020724)
       396958.26   3766851.08       10.17770m (15020724)               396998.26
 3766851.08       10.84075m (15020724)
       397038.26   3766851.08       11.33596m (15020724)               397078.26
 3766851.08       11.65724m (15020724)
       397118.26   3766851.08       11.77303m (15020724)               397158.26
 3766851.08       11.64889m (15020724)
       397198.26   3766851.08       11.30233m (15020724)               397238.26
 3766851.08       10.80458m (15020724)
       397278.26   3766851.08       10.17473m (15020724)               397318.26
 3766851.08        9.45458m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  98
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
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397518.26	3766851.08	6.10781m (15020724)	397558.26	3766851.08	5.55745m (15020724)
397598.26	3766851.08	5.06106m (15020724)	397638.26	3766851.08	4.61652m (15020724)
397678.26	3766851.08	4.21980m (15020724)	397718.26	3766851.08	3.86641m (15020724)
396558.26	3766891.08	4.10702m (15020724)	396598.26	3766891.08	4.51214m (15020724)
396638.26	3766891.08	5.01941m (15020724)	396678.26	3766891.08	5.63974m (15020724)
396718.26	3766891.08	6.30917m (15020724)	396758.26	3766891.08	7.06967m (15020724)
396798.26	3766891.08	7.93533m (15020724)	396838.26	3766891.08	8.90528m (15020724)
396878.26	3766891.08	9.98442m (15020724)	396918.26	3766891.08	11.06321m (15020724)
396958.26	3766891.08	12.15493m (15020724)	396998.26	3766891.08	13.12418m (15020724)
397038.26	3766891.08	13.87030m (15020724)	397078.26	3766891.08	14.39509m (15020724)
397118.26	3766891.08	14.52796m (15020724)	397158.26	3766891.08	14.26799m (15020724)
397198.26	3766891.08	13.80848m (15020724)	397238.26	3766891.08	13.06713m (15020724)
397278.26	3766891.08	12.18188m (15020724)	397318.26	3766891.08	11.20911m (15020724)
397358.26	3766891.08	10.17918m (15020724)	397398.26	3766891.08	9.18814m (15020724)
397438.26	3766891.08	8.28633m (15020724)	397478.26	3766891.08	7.45843m (15020724)
397518.26	3766891.08	6.71123m (15020724)	397558.26	3766891.08	6.04161m (15020724)
397598.26	3766891.08	5.45066m (15020724)	397638.26	3766891.08	4.93126m (15020724)
397678.26	3766891.08	4.47543m (15020724)	397718.26	3766891.08	4.07594m (15020724)
396558.26	3766931.08	4.32985m (15020724)	396598.26	3766931.08	4.79048m (15020724)

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       396718.26   3766931.08        6.86269m (15020724)               396758.26
 3766931.08        7.80269m (15020724)
       396798.26   3766931.08        8.90451m (15020724)               396838.26
 3766931.08       10.17512m (15020724)
       396878.26   3766931.08       11.61830m (15020724)               396918.26
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       396958.26   3766931.08       14.81213m (15020724)               396998.26
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       397038.26   3766931.08       17.54434m (15020724)               397078.26
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       397198.26   3766931.08       17.25381m (15020724)               397238.26
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       397278.26   3766931.08       14.79296m (15020724)               397318.26
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 3766931.08        5.25212m (15020724)
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 3766971.08        5.05989m (15020724)
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 3766971.08        6.47090m (15020724)
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 3766971.08        8.57544m (15020724)
       396798.26   3766971.08        9.97855m (15020724)               396838.26
 3766971.08       11.69210m (15020724)
       396878.26   3766971.08       13.69759m (15020724)               396918.26
 3766971.08       16.02428m (15020724)
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE  99
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3766971.08       24.19653m (15020724)
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 3766971.08       23.52038m (15020724)
        397198.26   3766971.08       22.13246m (15020724)               397238.26
 3766971.08       20.35268m (15020724)
        397278.26   3766971.08       18.33869m (15020724)               397318.26
 3766971.08       16.28444m (15020724)
        397358.26   3766971.08       13.57532m (15020724)               397398.26
 3766971.08       12.11856m (15020724)
        397438.26   3766971.08       10.71764m (15020724)               397478.26
 3766971.08        9.28414m (15020724)
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 3766971.08        5.57034m (15020724)
        397678.26   3766971.08        4.97904m (15020724)               397718.26
 3766971.08        4.48309m (15020724)
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        396638.26   3767011.08        6.01350m (15020724)               396678.26
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 3767011.08        7.64889m (15020724)
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 3767051.08       15.32980m (15020724)
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 3767051.08       43.18257m (15020724)
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       397278.26   3767051.08       30.93794m (15020724)                397318.26
 3767051.08       25.68553m (15020724)
       397358.26   3767051.08       20.41824m (15020724)                397398.26
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 3767051.08        8.19078m (15020724)
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       397678.26   3767051.08        5.42673m (15020724)                397718.26
 3767051.08        4.82359m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	5.05030m	(15020724)	396598.26	3767091.08	5.72945m	(15020724)
396638.26	3767091.08	6.52875m	(15020724)	396678.26	3767091.08	7.56584m	(15020724)
396718.26	3767091.08	8.96402m	(15020724)	396758.26	3767091.08	10.83015m	(15020724)
396798.26	3767091.08	13.41815m	(15020724)	396838.26	3767091.08	17.22225m	(15020724)
396878.26	3767091.08	23.12690m	(15020724)	396918.26	3767091.08	32.97240m	(15020724)
396958.26	3767091.08	49.94884m	(15020724)	396998.26	3767091.08	82.34583m	(15020724)
397078.26	3767091.08	99.21647m	(15020724)	397118.26	3767091.08	87.03235m	(15020724)
397158.26	3767091.08	74.87923m	(15020724)	397198.26	3767091.08	63.66067m	(15020724)
397238.26	3767091.08	53.40025m	(15020724)	397278.26	3767091.08	43.92203m	(15020724)
397318.26	3767091.08	34.44299m	(15020724)	397358.26	3767091.08	25.60938m	(15020724)
397398.26	3767091.08	20.08957	(15121424)	397438.26	3767091.08	17.26180	(15121424)
397478.26	3767091.08	15.03993	(15111624)	397518.26	3767091.08	12.72591	(15111624)

397558.26 3767091.08 11.19209 (15111624) 397598.26
3767091.08 8.66949 (15111624)
397638.26 3767091.08 6.40035m (15020724) 397678.26
3767091.08 5.60540m (15020724)
397718.26 3767091.08 4.95729m (15020724) 396558.26
3767131.08 5.15631m (15020724)
396598.26 3767131.08 5.86306m (15020724) 396638.26
3767131.08 6.72960m (15020724)
396678.26 3767131.08 7.78431m (15020724) 396718.26
3767131.08 9.24095m (15020724)
396758.26 3767131.08 11.28533m (15020724) 396798.26
3767131.08 14.20898m (15020724)
396838.26 3767131.08 18.69624m (15020724) 396878.26
3767131.08 26.46660m (15020724)
396918.26 3767131.08 42.31425m (15020724) 396958.26
3767131.08 86.29890m (15020724)
397238.26 3767131.08 94.68672m (15020724) 397278.26
3767131.08 73.60712m (15020724)
397318.26 3767131.08 51.79785m (15020724) 397358.26
3767131.08 32.40330m (15020724)
397398.26 3767131.08 25.73594 (15121424) 397438.26
3767131.08 20.78222 (15111624)
397478.26 3767131.08 18.21133 (15111624) 397518.26
3767131.08 15.01389 (15111624)
397558.26 3767131.08 12.57559 (15111624) 397598.26
3767131.08 10.08305 (15111624)
397638.26 3767131.08 6.55289m (15020724) 397678.26
3767131.08 5.73236m (15020724)
397718.26 3767131.08 5.05249m (15020724) 396558.26
3767171.08 5.21678m (15020724)
396598.26 3767171.08 5.93324m (15020724) 396638.26
3767171.08 6.83117m (15020724)
396678.26 3767171.08 7.93098m (15020724) 396718.26
3767171.08 9.36287m (15020724)
396758.26 3767171.08 11.43079m (15020724) 396798.26
3767171.08 14.51118m (15020724)
396838.26 3767171.08 19.31161m (15020724) 396878.26
3767171.08 27.96387m (15020724)
396918.26 3767171.08 48.48433m (15020724) 397438.26
3767171.08 22.88396 (15111624)
397478.26 3767171.08 18.27781 (15111624) 397518.26
3767171.08 14.12145 (15111624)
397558.26 3767171.08 11.24275 (15111624) 397598.26
3767171.08 8.93351 (15111624)
397638.26 3767171.08 6.84752 (15111624) 397678.26
3767171.08 5.96202 (15111624)
397718.26 3767171.08 5.07205m (15020724) 396558.26
3767211.08 5.21201m (15020724)
396598.26 3767211.08 5.93003m (15020724) 396638.26
3767211.08 6.82019m (15020724)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	40.64778m	(15020724)	396958.26	3767211.08	70.81788	(16121124)
397438.26	3767211.08	22.74328	(15111624)	397478.26	3767211.08	18.39427	(15111624)
397518.26	3767211.08	14.32073	(15111624)	397558.26	3767211.08	11.00376	(15111624)
397598.26	3767211.08	8.68668	(15111624)	397638.26	3767211.08	7.35810	(15111624)
397678.26	3767211.08	6.43620	(15111624)	397718.26	3767211.08	5.50534	(15111624)
396558.26	3767251.08	5.16465m	(15020724)	396598.26	3767251.08	5.86282m	(15020724)
396638.26	3767251.08	6.72869m	(15020724)	396678.26	3767251.08	7.82340m	(15020724)
396718.26	3767251.08	9.18717m	(15020724)	396758.26			

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3767251.08       10.91674m (15020724)
       396798.26   3767251.08       13.46036m (15020724)                396838.26
3767251.08       17.22450m (15020724)
       396878.26   3767251.08       23.09021m (15020724)                396918.26
3767251.08       30.77850  (10111924)
       396958.26   3767251.08       44.88148  (10111924)                396998.26
3767251.08       58.81227  (16121124)
       397038.26   3767251.08       71.61752  (16121124)                397078.26
3767251.08       93.97032  (16121124)
       397118.26   3767251.08      147.09360  (16121124)                397318.26
3767251.08       53.88355  (16102524)
       397358.26   3767251.08       37.75202  (11072924)                397398.26
3767251.08       26.32135  (11072924)
       397438.26   3767251.08       20.16565  (11072924)                397478.26
3767251.08       16.63440  (11072924)
       397518.26   3767251.08       13.26705  (11072924)                397558.26
3767251.08       10.94629  (15111624)
       397598.26   3767251.08        9.26968  (15111624)                397638.26
3767251.08        7.41470  (15111624)
       397678.26   3767251.08        6.27963  (15111624)                397718.26
3767251.08        5.41048  (15111624)
       396558.26   3767291.08        6.12277b (11111524)                396598.26
3767291.08        6.17309b (11111524)
       396638.26   3767291.08        6.70490b (11111524)                396678.26
3767291.08        7.49545m (15020724)
       396718.26   3767291.08        8.84113m (15020724)                396758.26
3767291.08       10.36200m (15020724)
       396798.26   3767291.08       12.49717m (15020724)                396838.26
3767291.08       15.50925m (15020724)
       396878.26   3767291.08       19.22622m (15020724)                396918.26
3767291.08       28.10539  (10111924)
       396958.26   3767291.08       34.61888  (10111924)                396998.26
3767291.08       37.54069  (10111924)
       397038.26   3767291.08       36.69109  (11032824)                397078.26
3767291.08       43.92043  (16121124)
       397118.26   3767291.08       64.91138  (16121124)                397158.26
3767291.08      115.89173  (16121124)
       397278.26   3767291.08       61.10914  (16100524)                397318.26
3767291.08       45.44999m (12050124)
       397358.26   3767291.08       32.71078  (12050324)                397398.26
3767291.08       24.26690  (11072924)
       397438.26   3767291.08       20.12502  (11072924)                397478.26
3767291.08       17.44439  (11072924)
       397518.26   3767291.08       14.86295  (11072924)                397558.26
3767291.08       12.22333  (11072924)
       397598.26   3767291.08       10.47742  (11072924)                397638.26
3767291.08        9.05620  (11072924)
       397678.26   3767291.08        6.52288  (11072924)                397718.26
3767291.08        5.32749  (15111524)
       396558.26   3767331.08        6.57464b (11111524)                396598.26
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	57.47253m	(12120224)	397238.26	3767331.08	52.90263m	(12120224)
397278.26	3767331.08	46.89478m	(12050124)	397318.26	3767331.08	38.42479	(16061324)
397358.26	3767331.08	29.62391c	(16072624)	397398.26	3767331.08	23.04627c	(16072624)

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       397438.26   3767331.08       19.02327  (11072924)                397478.26
3767331.08       16.87623  (11072924)
       397518.26   3767331.08       14.67993  (11072924)                397558.26
3767331.08       12.71772  (11072924)
       397598.26   3767331.08       11.03547  (11072924)                397638.26
3767331.08       10.05507  (11072924)
       397678.26   3767331.08        8.80207  (11072924)                397718.26
3767331.08        6.66126  (11072924)
       396558.26   3767371.08        6.58167  (11021724)                396598.26
3767371.08        7.26879b (11111524)
       396638.26   3767371.08        7.76750b (11111524)                396678.26
3767371.08        7.57031  (10111924)
       396718.26   3767371.08        7.75585m (15020724)                396758.26
3767371.08        8.95097m (15020724)
       396798.26   3767371.08       10.36264m (15020724)                396838.26
3767371.08       12.16198m (15020724)
       396878.26   3767371.08       14.26801  (16121124)                396918.26
3767371.08       19.63973  (10111924)
       396958.26   3767371.08       23.12429m (10121424)                396998.26
3767371.08       26.52513m (10121424)
       397038.26   3767371.08       26.24622m (10121424)                397078.26
3767371.08       27.14635  (10100424)
       397118.26   3767371.08       30.74040  (10100424)                397158.26
3767371.08       35.04463m (10102124)
       397198.26   3767371.08       39.17135m (10102124)                397238.26
3767371.08       38.33358  (10100324)
       397278.26   3767371.08       33.77713  (16061324)                397318.26
3767371.08       30.99285  (16061324)
       397358.26   3767371.08       26.76915  (15071724)                397398.26
3767371.08       22.27761c (16072624)
       397438.26   3767371.08       19.41338c (16072624)                397478.26
3767371.08       16.43958c (16072624)
       397518.26   3767371.08       14.18115  (11072924)                397558.26
3767371.08       12.85326  (11072924)
       397598.26   3767371.08       11.57708  (11072924)                397638.26
3767371.08       10.29970  (11072924)
       397678.26   3767371.08        9.48900  (11072924)                397718.26
3767371.08        8.40584  (11072924)
       396558.26   3767411.08        6.58985  (11021724)                396598.26
3767411.08        6.93751b (11111524)
       396638.26   3767411.08        7.19011  (10111924)                396678.26
3767411.08        6.40772  (10111924)
       396718.26   3767411.08        7.20060m (15020724)                396758.26
3767411.08        8.19720m (15020724)
       396798.26   3767411.08        9.34058m (15020724)                396838.26
3767411.08       10.73962m (15020724)
       396878.26   3767411.08       12.45416  (16121124)                396918.26
3767411.08       15.82322m (10121424)
       396958.26   3767411.08       20.58901m (10121424)                396998.26
3767411.08       22.21097m (10121424)
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       397038.26   3767411.08       21.57227m (10121424)                397078.26
 3767411.08       22.08722m (10121424)
       397118.26   3767411.08       24.07935m (10102124)                397158.26
 3767411.08       28.43006m (10102124)
       397198.26   3767411.08       31.52161m (10102124)                397238.26
 3767411.08       30.58782  (10100324)
       397278.26   3767411.08       29.02433  (10100324)                397318.26
 3767411.08       24.91186m (12081424)
       397358.26   3767411.08       23.97031m (12081424)                397398.26
 3767411.08       20.83143  (15071724)
       397438.26   3767411.08       18.48426  (15071724)                397478.26
 3767411.08       16.63442c (16072624)
       397518.26   3767411.08       14.56703c (16072624)                397558.26
 3767411.08       12.53538c (16072624)
       397598.26   3767411.08       11.28962  (11072924)                397638.26
 3767411.08       10.38022  (11072924)
       397678.26   3767411.08        9.39755  (11072924)                397718.26
 3767411.08        8.88000  (11072924)
       396558.26   3767451.08        6.28731  (11021724)                396598.26
 3767451.08        7.11568  (10111924)
       396638.26   3767451.08        7.00861  (10111924)                396678.26
 3767451.08        6.60351  (10111924)
       396718.26   3767451.08        6.66862  (10111924)                396758.26
 3767451.08        7.47595m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 103
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
 -
396798.26   3767451.08   8.39471m (15020724)   396838.26
3767451.08   9.49699m (15020724)
396878.26   3767451.08   10.92566 (16121124)   396918.26
3767451.08   14.05402m (10121424)
396958.26   3767451.08   18.35854m (10121424)   396998.26
3767451.08   20.15750m (10121424)
397038.26   3767451.08   19.96887m (10121424)   397078.26
3767451.08   19.50771m (10121424)
397118.26   3767451.08   20.71176m (10102124)   397158.26
3767451.08   23.95346m (10102124)
397198.26   3767451.08   26.23484m (10102124)   397238.26
3767451.08   25.61449m (10102124)
397278.26   3767451.08   25.13187 (10100324)   397318.26
3767451.08   22.29151 (10100324)
397358.26   3767451.08   20.58309m (12081424)   397398.26
3767451.08   18.84614m (12081424)
397438.26   3767451.08   17.47221 (15071724)   397478.26
3767451.08   15.87573 (15071724)
397518.26   3767451.08   14.49271c (16072624)   397558.26
3767451.08   13.08285c (16072624)
397598.26   3767451.08   11.62243c (16072624)   397638.26
3767451.08   10.07341c (16072624)
397678.26   3767451.08   9.22853 (11072924)   397718.26
3767451.08   8.69796 (11072924)
396558.26   3767491.08   6.55910 (10111924)   396598.26
3767491.08   7.18935 (10111924)
396638.26   3767491.08   7.91386 (10111924)   396678.26
3767491.08   8.65085 (10111924)
396718.26   3767491.08   8.37024 (10111924)   396758.26
3767491.08   6.79765m (15020724)
396798.26   3767491.08   7.54380m (15020724)   396838.26
3767491.08   8.45310 (16121124)
396878.26   3767491.08   9.61602 (16121124)   396918.26
3767491.08   12.25642m (10121424)
396958.26   3767491.08   15.97332m (10121424)   396998.26
3767491.08   18.19876m (10121424)
397038.26   3767491.08   18.04851m (10121424)   397078.26
3767491.08   17.13854m (10121424)
397118.26   3767491.08   18.23306m (10102124)   397158.26
3767491.08   20.68376m (10102124)
397198.26   3767491.08   22.47354m (10102124)   397238.26
3767491.08   22.22252m (10102124)
397278.26   3767491.08   21.57855 (10100324)   397318.26
3767491.08   20.50266 (10100324)
397358.26   3767491.08   17.70011 (15061924)   397398.26
3767491.08   17.13053m (12081424)
397438.26   3767491.08   16.10858m (12081424)   397478.26

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 3767491.08       15.00195  (15071724)
       397518.26   3767491.08       13.82053  (15071724)                397558.26
 3767491.08       12.78992c (16072624)
       397598.26   3767491.08       11.90597c (16072624)                397638.26
 3767491.08       10.68309c (16072624)
       397678.26   3767491.08        9.42240c (16072624)                397718.26
 3767491.08        8.31128c (16072624)
       396558.26   3767531.08        6.75954  (10111924)                396598.26
 3767531.08        7.51378  (10111924)
       396638.26   3767531.08        8.37775  (10111924)                396678.26
 3767531.08        9.13286  (10111924)
       396718.26   3767531.08        8.68029  (10111924)                396758.26
 3767531.08        6.18662m (15020724)
       396798.26   3767531.08        6.79015m (15020724)                396838.26
 3767531.08        7.60057  (16121124)
       396878.26   3767531.08        8.50448  (16121124)                396918.26
 3767531.08       10.09490m (10121424)
       396958.26   3767531.08       13.49709m (10121424)                396998.26
 3767531.08       15.83358m (10121424)
       397038.26   3767531.08       16.28318m (10121424)                397078.26
 3767531.08       15.49977m (10121424)
       397118.26   3767531.08       16.31594m (10102124)                397158.26
 3767531.08       18.12552m (10102124)
       397198.26   3767531.08       19.53219m (10102124)                397238.26
 3767531.08       19.49437m (10102124)
       397278.26   3767531.08       18.55018  (10100324)                397318.26
 3767531.08       18.41693  (10100324)
       397358.26   3767531.08       16.91804  (10100324)                397398.26
 3767531.08       14.78732m (12081424)
       397438.26   3767531.08       14.36416m (12081424)                397478.26
 3767531.08       13.64422m (12081424)
       397518.26   3767531.08       13.01625  (15071724)                397558.26
 3767531.08       12.23214  (15071724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
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, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	11.51102c	(16072624)	397638.26	3767531.08	10.68864c	(16072624)
397678.26	3767531.08	9.71838c	(16072624)	397718.26	3767531.08	8.79474c	(16072624)
397320.82	3767219.11	69.49197m	(15020724)	397330.82	3767209.11	62.95848m	(15020724)
397340.82	3767189.11	58.92971m	(15020724)	397340.82	3767199.11	55.98337m	(15020724)
397340.82	3767209.11	52.21936m	(15020724)	397350.82	3767189.11	48.10498m	(15020724)
397350.82	3767199.11	46.69378m	(15020724)	397360.82	3767189.11	40.61828m	(15020724)
397360.82	3767199.11	39.79484m	(15020724)	397370.82	3767189.11	35.16817m	(15020724)
397380.82	3767189.11	30.87162m	(15020724)	396934.73	3767169.52	69.00958m	(15020724)
397014.53	3767229.60	113.27526	(16121124)	397044.10	3767223.97	148.36217	(16121124)
397113.57	3767239.93	159.36676	(16121124)	397158.63	3767280.29	130.39867	(16121124)
397168.95	3767307.05	88.21490	(16121124)	397244.05	3767296.72	86.91932	(15122324)
397260.95	3767278.88	92.01997	(15122324)	397409.74	3767205.66	27.30613	(15111624)
397422.89	3767189.23	25.19242	(15111624)	397426.64	3767180.78	24.67756	(15111624)
397420.54	3767170.46	25.04292	(15111624)	397318.68	3767160.13	82.49903m	(15020724)
397022.98	3767083.62	86.95216m	(15020724)	396920.42	3767167.32	50.60400m	(15020724)
396989.95	3767243.54	62.93231	(16121124)	397044.10	3767223.97	148.36217	(16121124)
397113.57	3767239.93	159.36676	(16121124)	397158.63	3767280.29	130.39867	(16121124)
397168.95	3767307.05	88.21490	(16121124)	397244.05	3767296.72	86.91932	(15122324)
397260.95	3767278.88	92.01997	(15122324)	397409.74	3767205.66	27.30613	(15111624)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	0.12578	(11121224)	396598.26	3766771.08	0.14822	(11121224)
396638.26	3766771.08	0.17740	(12122424)	396678.26	3766771.08	0.20815	(10011924)
396718.26	3766771.08	0.24468	(12011924)	396758.26	3766771.08	0.27032	(16122024)
396798.26	3766771.08	0.29793	(15010524)	396838.26	3766771.08	0.30972	(11121224)
396878.26	3766771.08	0.33327	(16122724)	396918.26	3766771.08	0.34142	(16020924)
396958.26	3766771.08	0.34960	(16120124)	396998.26	3766771.08	0.33653	(16122224)
397038.26	3766771.08	0.32022	(16120124)	397078.26	3766771.08	0.30217	(16112224)
397118.26	3766771.08	0.27128	(16122024)	397158.26	3766771.08	0.21882	(16122224)
397422.89	3767189.23	25.19242	(15111624)	397426.64	3767180.78	24.67756	(15111624)
397420.54	3767170.46	25.04292	(15111624)	397318.68	3767160.13	82.49903m	(15020724)
397022.98	3767083.62	86.95216m	(15020724)				

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       397198.26   3766771.08        0.16441  (16110924)               397238.26
3766771.08        0.13548  (16122824)
       397278.26   3766771.08        0.12004  (10120124)               397318.26
3766771.08        0.12813m (10030524)
       397358.26   3766771.08        0.14114b (10051224)               397398.26
3766771.08        0.14044b (10051224)
       397438.26   3766771.08        0.14125m (12100524)               397478.26
3766771.08        0.13218m (10120724)
       397518.26   3766771.08        0.11518  (10120124)               397558.26
3766771.08        0.11064  (10020224)
       397598.26   3766771.08        0.10025  (15102924)               397638.26
3766771.08        0.09599  (11040424)
       397678.26   3766771.08        0.08998  (10122424)               397718.26
3766771.08        0.08826  (10122424)
       396558.26   3766811.08        0.13137  (11110224)               396598.26
3766811.08        0.14688  (11121224)
       396638.26   3766811.08        0.18036  (10020524)               396678.26
3766811.08        0.21802  (11121624)
       396718.26   3766811.08        0.25217  (10020524)               396758.26
3766811.08        0.28159  (10020524)
       396798.26   3766811.08        0.31989  (16122024)               396838.26
3766811.08        0.35742  (11121224)
       396878.26   3766811.08        0.37157  (16012724)               396918.26
3766811.08        0.38207  (16020924)
       396958.26   3766811.08        0.39953  (16020924)               396998.26
3766811.08        0.38076  (16122224)
       397038.26   3766811.08        0.36465  (16112224)               397078.26
3766811.08        0.34944  (16112224)
       397118.26   3766811.08        0.31985  (16122124)               397158.26
3766811.08        0.26391  (16122224)
       397198.26   3766811.08        0.18956m (10123124)               397238.26
3766811.08        0.15474  (16122824)
       397278.26   3766811.08        0.13685m (10042224)               397318.26
3766811.08        0.15378m (10042224)
       397358.26   3766811.08        0.15987b (10051224)               397398.26
3766811.08        0.15957  (11011024)
       397438.26   3766811.08        0.15279m (12100524)               397478.26
3766811.08        0.14181  (10120124)
       397518.26   3766811.08        0.13370  (10020224)               397558.26
3766811.08        0.11805  (15102924)
       397598.26   3766811.08        0.11504  (11040424)               397638.26
3766811.08        0.11210  (10122424)
       397678.26   3766811.08        0.10638  (10052724)               397718.26
3766811.08        0.10368  (10122424)
       396558.26   3766851.08        0.13112  (11110224)               396598.26
3766851.08        0.15465  (11110224)
       396638.26   3766851.08        0.17351  (12021524)               396678.26
3766851.08        0.21194  (15022324)
       396718.26   3766851.08        0.25227  (11110224)               396758.26
3766851.08        0.29339  (10020524)
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       396798.26   3766851.08        0.34121  (12021624)               396838.26
 3766851.08        0.38481  (12021624)
       396878.26   3766851.08        0.42335  (11121224)               396918.26
 3766851.08        0.45977  (16012724)
       396958.26   3766851.08        0.47488  (16122824)               396998.26
 3766851.08        0.44958  (16112424)
       397038.26   3766851.08        0.42779  (16012724)               397078.26
 3766851.08        0.40558  (16122124)
       397118.26   3766851.08        0.37221  (16122124)               397158.26
 3766851.08        0.31251  (16111124)
       397198.26   3766851.08        0.22603m (10123124)               397238.26
 3766851.08        0.17748  (16111124)
       397278.26   3766851.08        0.16611m (10042224)               397318.26
 3766851.08        0.17885  (10020224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397358.26   3766851.08        0.17672  (11011024)               397398.26
 3766851.08        0.17309m (12100524)
       397438.26   3766851.08        0.16929  (10052724)               397478.26
 3766851.08        0.16007  (10020224)
       397518.26   3766851.08        0.14444  (11040424)               397558.26
 3766851.08        0.13879  (10122424)
       397598.26   3766851.08        0.13855  (10122424)               397638.26
 3766851.08        0.12915  (12122724)
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       397678.26   3766851.08        0.13181  (11011324)              397718.26
3766851.08        0.11940  (12122724)
       396558.26   3766891.08        0.13263  (10121724)              396598.26
3766891.08        0.15594  (11051724)
       396638.26   3766891.08        0.18602  (11121624)              396678.26
3766891.08        0.21534  (11021824)
       396718.26   3766891.08        0.25497  (12021524)              396758.26
3766891.08        0.30581  (10020524)
       396798.26   3766891.08        0.35442  (11121624)              396838.26
3766891.08        0.40911  (16121924)
       396878.26   3766891.08        0.47184  (15010524)              396918.26
3766891.08        0.49748  (16012724)
       396958.26   3766891.08        0.54104  (15010624)              396998.26
3766891.08        0.53541  (15010524)
       397038.26   3766891.08        0.51855  (15122224)              397078.26
3766891.08        0.48505  (16122624)
       397118.26   3766891.08        0.44345  (16122124)              397158.26
3766891.08        0.35274  (16111124)
       397198.26   3766891.08        0.26930m (10123124)              397238.26
3766891.08        0.21700  (16122824)
       397278.26   3766891.08        0.20425  (10020224)              397318.26
3766891.08        0.21127b (10051224)
       397358.26   3766891.08        0.20878m (10123124)              397398.26
3766891.08        0.19777  (10052724)
       397438.26   3766891.08        0.18942  (10020224)              397478.26
3766891.08        0.17365  (15102924)
       397518.26   3766891.08        0.17208  (10122424)              397558.26
3766891.08        0.17112  (10122424)
       397598.26   3766891.08        0.16348  (15121424)              397638.26
3766891.08        0.15892  (11011324)
       397678.26   3766891.08        0.13966  (10020824)              397718.26
3766891.08        0.12483  (11011124)
       396558.26   3766931.08        0.12921  (11121624)              396598.26
3766931.08        0.15202  (15010624)
       396638.26   3766931.08        0.18202  (11110224)              396678.26
3766931.08        0.21113  (11110224)
       396718.26   3766931.08        0.26264  (15022324)              396758.26
3766931.08        0.30503  (12021524)
       396798.26   3766931.08        0.37028  (10020524)              396838.26
3766931.08        0.43297  (11121624)
       396878.26   3766931.08        0.49749  (16122024)              396918.26
3766931.08        0.57123  (11121224)
       396958.26   3766931.08        0.62335  (16012724)              396998.26
3766931.08        0.65942  (15010524)
       397038.26   3766931.08        0.61939  (16112424)              397078.26
3766931.08        0.58271  (16122624)
       397118.26   3766931.08        0.54548  (16122124)              397158.26
3766931.08        0.44318  (16122124)
       397198.26   3766931.08        0.32401  (16122124)              397238.26
3766931.08        0.27127  (10120124)
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       397278.26   3766931.08        0.24867b (10051224)               397318.26
 3766931.08        0.25364  (11011024)
       397358.26   3766931.08        0.24455  (10052724)               397398.26
 3766931.08        0.23637  (10020224)
       397438.26   3766931.08        0.21475  (15102924)               397478.26
 3766931.08        0.21302  (10122424)
       397518.26   3766931.08        0.21073  (15111624)               397558.26
 3766931.08        0.21494  (10020824)
       397598.26   3766931.08        0.18908  (11011324)               397638.26
 3766931.08        0.17115  (11030924)
       397678.26   3766931.08        0.14912c (16032224)               397718.26
 3766931.08        0.14741  (11030924)
       396558.26   3766971.08        0.12249  (10020524)               396598.26
 3766971.08        0.14386  (10020524)
       396638.26   3766971.08        0.17197  (11010324)               396678.26
 3766971.08        0.20920  (11010324)
       396718.26   3766971.08        0.25356  (12012324)               396758.26
 3766971.08        0.30505  (11110224)
       396798.26   3766971.08        0.36426  (10020524)               396838.26
 3766971.08        0.44791  (10020524)
       396878.26   3766971.08        0.52638  (11121624)               396918.26
 3766971.08        0.63073  (16121924)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 107
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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       396958.26   3766971.08        0.69861  (16121924)                396998.26
3766971.08        0.80016  (15010524)
       397038.26   3766971.08        0.76380  (16122124)                397078.26
3766971.08        0.73720  (16113024)
       397118.26   3766971.08        0.71288  (16122624)                397158.26
3766971.08        0.67242  (16113024)
       397198.26   3766971.08        0.45345  (16113024)                397238.26
3766971.08        0.35813  (16122724)
       397278.26   3766971.08        0.29585b (10051224)                397318.26
3766971.08        0.30598  (11011024)
       397358.26   3766971.08        0.28678  (10020824)                397398.26
3766971.08        0.27377  (15102924)
       397438.26   3766971.08        0.27122  (10122424)                397478.26
3766971.08        0.27788  (10020824)
       397518.26   3766971.08        0.26345  (11011324)                397558.26
3766971.08        0.22565  (11030924)
       397598.26   3766971.08        0.19755  (11011124)                397638.26
3766971.08        0.19411  (15102924)
       397678.26   3766971.08        0.16826  (15102924)                397718.26
3766971.08        0.14663  (15102924)
       396558.26   3767011.08        0.12328  (11110224)                396598.26
3767011.08        0.14019  (12011324)
       396638.26   3767011.08        0.16478  (10020524)                396678.26
3767011.08        0.19933  (12122024)
       396718.26   3767011.08        0.23842  (15010624)                396758.26
3767011.08        0.29584  (10011924)
       396798.26   3767011.08        0.36302  (10020524)                396838.26
3767011.08        0.44679  (10020524)
       396878.26   3767011.08        0.55079  (11121224)                396918.26
3767011.08        0.67228  (11121624)
       396958.26   3767011.08        0.80114  (15010524)                396998.26
3767011.08        0.89415  (16121924)
       397038.26   3767011.08        1.08421  (10121724)                397078.26
3767011.08        1.34717  (16012724)
       397118.26   3767011.08        1.35854  (15122224)                397158.26
3767011.08        1.02597  (16111824)
       397198.26   3767011.08        0.83226  (16122624)                397238.26
3767011.08        0.57007  (10052724)
       397278.26   3767011.08        0.44512  (10020224)                397318.26
3767011.08        0.36757  (10120124)
       397358.26   3767011.08        0.33981  (15102924)                397398.26
3767011.08        0.34910  (10020824)
       397438.26   3767011.08        0.34701  (15102924)                397478.26
3767011.08        0.31308  (11011324)
       397518.26   3767011.08        0.26833  (11011124)                397558.26
3767011.08        0.25302  (15102924)
       397598.26   3767011.08        0.21689  (15102924)                397638.26
3767011.08        0.18408  (15102924)
       397678.26   3767011.08        0.14711  (15102924)                397718.26
3767011.08        0.13188b (11111524)
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       396558.26   3767051.08        0.12376  (11110224)               396598.26
 3767051.08        0.14341  (12122024)
       396638.26   3767051.08        0.16573  (10012024)               396678.26
 3767051.08        0.19604  (11020924)
       396718.26   3767051.08        0.22918  (10122124)               396758.26
 3767051.08        0.27911  (12122024)
       396798.26   3767051.08        0.34204  (15012824)               396838.26
 3767051.08        0.42687  (10020524)
       396878.26   3767051.08        0.55614  (11110224)               396918.26
 3767051.08        0.72352  (10020524)
       396958.26   3767051.08        0.86777  (16112424)               396998.26
 3767051.08        1.28706  (15010524)
       397038.26   3767051.08        1.89845  (16121924)               397078.26
 3767051.08        1.62601m (15123124)
       397118.26   3767051.08        1.56245  (16113024)               397158.26
 3767051.08        1.31559  (16122124)
       397198.26   3767051.08        0.90232  (16122024)               397238.26
 3767051.08        0.73419  (16110924)
       397278.26   3767051.08        0.75543  (15121424)               397318.26
 3767051.08        0.57118m (10120724)
       397358.26   3767051.08        0.46196m (10120724)               397398.26
 3767051.08        0.41822  (15102924)
       397438.26   3767051.08        0.37108  (11030924)               397478.26
 3767051.08        0.33747  (15102924)
       397518.26   3767051.08        0.28813  (15102924)               397558.26
 3767051.08        0.24076  (15102924)
       397598.26   3767051.08        0.21037  (10102524)               397638.26
 3767051.08        0.17832  (11030924)
       397678.26   3767051.08        0.15514b (11111524)               397718.26
 3767051.08        0.13797b (11111524)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 108
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	0.11917	(11110224)	396598.26	3767091.08	0.13856	(12122024)
396638.26	3767091.08	0.16111	(11110224)	396678.26	3767091.08	0.18774	(11110224)
396718.26	3767091.08	0.22139	(11110224)	396758.26	3767091.08	0.26416	(10032524)
396798.26	3767091.08	0.32025	(11020924)	396838.26	3767091.08	0.38297	(10020524)
396878.26	3767091.08	0.49857	(10020524)	396918.26	3767091.08	0.66948	(10011924)
396958.26	3767091.08	1.01170m	(15123124)	396998.26	3767091.08	2.04294	(11121224)
397078.26	3767091.08	1.81294m	(15123124)	397118.26	3767091.08	1.70118	(15122224)
397158.26	3767091.08	1.42051	(16122224)	397198.26	3767091.08	1.16255	(10120124)
397238.26	3767091.08	0.91788	(10010424)	397278.26	3767091.08	1.03254	(10052724)
397318.26	3767091.08	0.96658m	(10120724)	397358.26	3767091.08	0.55878	(11011124)
397398.26	3767091.08	0.44678	(11011124)	397438.26	3767091.08	0.37928	(15102924)
397478.26	3767091.08	0.31891	(11030924)	397518.26	3767091.08	0.26550	(11030924)
397558.26	3767091.08	0.23125b	(11111524)	397598.26	3767091.08	0.20674b	(11111524)
397638.26	3767091.08	0.18628	(16022424)	397678.26	3767091.08	0.16790	(16022424)
397718.26	3767091.08	0.15002	(16022424)	396558.26	3767131.08	0.11827	(10100524)
396598.26	3767131.08	0.13540	(10100524)	396638.26	3767131.08	0.15389	(11110224)
396678.26	3767131.08	0.17736	(11110224)	396718.26	3767131.08	0.20801	(11110224)
396758.26	3767131.08	0.24342	(16122624)	396798.26	3767131.08	0.29176	(12122024)
396838.26	3767131.08	0.35785	(15012824)	396878.26	3767131.08	0.44939	(12122024)
396918.26	3767131.08	0.56245	(12122024)	396958.26	3767131.08	0.94374	(11110224)
397238.26	3767131.08	1.18715m	(10123124)	397278.26	3767131.08	1.31349c	(16032224)

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       397318.26   3767131.08        1.14456  (10052724)               397358.26
 3767131.08        0.66154  (10052724)
       397398.26   3767131.08        0.44609  (10052724)               397438.26
 3767131.08        0.37478  (16022424)
       397478.26   3767131.08        0.33385  (16022424)               397518.26
 3767131.08        0.30257  (16022424)
       397558.26   3767131.08        0.27328  (16022424)               397598.26
 3767131.08        0.24667  (16022424)
       397638.26   3767131.08        0.22224  (16022424)               397678.26
 3767131.08        0.19630  (16022424)
       397718.26   3767131.08        0.17192  (16022424)               396558.26
 3767171.08        0.10660  (11021824)
       396598.26   3767171.08        0.12374  (11110224)               396638.26
 3767171.08        0.14378  (11110224)
       396678.26   3767171.08        0.16529  (11110224)               396718.26
 3767171.08        0.19071  (11110224)
       396758.26   3767171.08        0.22509  (11110224)               396798.26
 3767171.08        0.27107  (11110224)
       396838.26   3767171.08        0.32045  (10100524)               396878.26
 3767171.08        0.39900  (10032524)
       396918.26   3767171.08        0.49689  (10032524)               397438.26
 3767171.08        0.44286  (16022424)
       397478.26   3767171.08        0.38563  (16022424)               397518.26
 3767171.08        0.34073  (16022424)
       397558.26   3767171.08        0.30152  (16022424)               397598.26
 3767171.08        0.26609  (16022424)
       397638.26   3767171.08        0.23346  (16022424)               397678.26
 3767171.08        0.20337  (16022424)
       397718.26   3767171.08        0.17894  (10110824)               396558.26
 3767211.08        0.09414  (10021924)
       396598.26   3767211.08        0.10812  (10112524)               396638.26
 3767211.08        0.12324  (10021924)
       396678.26   3767211.08        0.14171  (10021924)               396718.26
 3767211.08        0.15971  (10021924)
       396758.26   3767211.08        0.18865  (15021124)               396798.26
 3767211.08        0.21735  (10021924)
       396838.26   3767211.08        0.26730  (11111824)               396878.26
 3767211.08        0.33990  (10112524)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 109
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396918.26   3767211.08        0.41396  (12122524)               396958.26
 3767211.08        0.49661  (12012324)
        397438.26   3767211.08        0.51336  (10102524)               397478.26
 3767211.08        0.43546  (10102524)
        397518.26   3767211.08        0.37197  (12122724)               397558.26
 3767211.08        0.32172  (12122724)
        397598.26   3767211.08        0.28107  (12122724)               397638.26
 3767211.08        0.24191  (12122724)
        397678.26   3767211.08        0.20948c (16032224)               397718.26
 3767211.08        0.18160  (12122724)
        396558.26   3767251.08        0.10171c (11112424)               396598.26
 3767251.08        0.11621c (11112424)
        396638.26   3767251.08        0.13266c (11112424)               396678.26
 3767251.08        0.15174c (11112424)
        396718.26   3767251.08        0.16687c (11112424)               396758.26
 3767251.08        0.18097c (11112424)
        396798.26   3767251.08        0.21058  (11020924)               396838.26
 3767251.08        0.24678  (16122624)
        396878.26   3767251.08        0.30144  (10021924)               396918.26
 3767251.08        0.35341c (11112424)
        396958.26   3767251.08        0.39324  (11010324)               396998.26
 3767251.08        0.55557  (15021724)
        397038.26   3767251.08        0.53812  (11020924)               397078.26
 3767251.08        0.60796  (11021724)
        397118.26   3767251.08        1.32267  (11062724)               397318.26
 3767251.08        1.04795  (15042724)
        397358.26   3767251.08        0.73379  (11062924)               397398.26
 3767251.08        0.62013  (15111624)
        397438.26   3767251.08        0.49528  (15110424)               397478.26
 3767251.08        0.41916  (15122524)
        397518.26   3767251.08        0.34630  (10123024)               397558.26
 3767251.08        0.28085  (12050324)
        397598.26   3767251.08        0.24177  (12122724)               397638.26
 3767251.08        0.21423  (12122724)
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       397678.26   3767251.08        0.18838  (12122724)               397718.26
 3767251.08        0.16487  (12122724)
       396558.26   3767291.08        0.09769  (10101424)               396598.26
 3767291.08        0.11568  (10101424)
       396638.26   3767291.08        0.13560  (10101424)               396678.26
 3767291.08        0.15255  (15021724)
       396718.26   3767291.08        0.16998  (15021724)               396758.26
 3767291.08        0.18578c (11112424)
       396798.26   3767291.08        0.20424c (11112424)               396838.26
 3767291.08        0.23207  (11010324)
       396878.26   3767291.08        0.27983  (10061624)               396918.26
 3767291.08        0.32798  (10111924)
       396958.26   3767291.08        0.39645  (12112924)               396998.26
 3767291.08        0.48205  (10121624)
       397038.26   3767291.08        0.75500  (10021924)               397078.26
 3767291.08        0.94649  (10082724)
       397118.26   3767291.08        0.92296m (10052024)               397158.26
 3767291.08        1.37962m (11050924)
       397278.26   3767291.08        1.40891  (11090224)               397318.26
 3767291.08        1.32517  (11090224)
       397358.26   3767291.08        0.86289  (16070424)               397398.26
 3767291.08        0.69024  (16052524)
       397438.26   3767291.08        0.54132  (15072124)               397478.26
 3767291.08        0.42489  (15072224)
       397518.26   3767291.08        0.34675  (15072124)               397558.26
 3767291.08        0.28813  (10123024)
       397598.26   3767291.08        0.24111  (11072924)               397638.26
 3767291.08        0.21272b (12091224)
       397678.26   3767291.08        0.18037  (12030724)               397718.26
 3767291.08        0.15701  (12030724)
       396558.26   3767331.08        0.09967  (10112524)               396598.26
 3767331.08        0.11344  (15021724)
       396638.26   3767331.08        0.12444  (15021724)               396678.26
 3767331.08        0.13760  (10112524)
       396718.26   3767331.08        0.16290c (11112424)               396758.26
 3767331.08        0.17740  (10101424)
       396798.26   3767331.08        0.19764  (11010324)               396838.26
 3767331.08        0.23413  (10051824)
       396878.26   3767331.08        0.28722  (10051824)               396918.26
 3767331.08        0.31693  (10121624)
       396958.26   3767331.08        0.37688  (10020324)               396998.26
 3767331.08        0.45978  (11020324)
       397038.26   3767331.08        0.61513  (10072124)               397078.26
 3767331.08        0.87520  (10060124)
       397118.26   3767331.08        1.17771  (16090724)               397158.26
 3767331.08        1.50413m (11070424)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	1.40615m	(12041024)	397238.26	3767331.08	1.54211	(11071224)
397278.26	3767331.08	1.37851c	(16082924)	397318.26	3767331.08	1.06939	(11070724)
397358.26	3767331.08	0.92195m	(12081624)	397398.26	3767331.08	0.72772	(16052524)
397438.26	3767331.08	0.58741	(15110424)	397478.26	3767331.08	0.49002	(16052524)
397518.26	3767331.08	0.39973	(16052524)	397558.26	3767331.08	0.32881	(16052524)
397598.26	3767331.08	0.26953	(16052524)	397638.26	3767331.08	0.22460	(16052524)
397678.26	3767331.08	0.19006	(10123024)	397718.26	3767331.08	0.16604	(15111024)
396558.26	3767371.08	0.09367	(11010324)	396598.26	3767371.08	0.10717	(11010324)
396638.26	3767371.08	0.12109	(10101424)	396678.26	3767371.08	0.13760	(10061624)
396718.26	3767371.08	0.15812	(10051824)	396758.26	3767371.08	0.18043	(10051824)
396798.26	3767371.08	0.20225	(11111824)	396838.26	3767371.08	0.22016	(10020324)
396878.26	3767371.08	0.26535	(10020324)	396918.26	3767371.08	0.30426	(10051824)
396958.26	3767371.08	0.35609	(15051324)	396998.26	3767371.08	0.43041	(10100524)

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       397038.26   3767371.08        0.55515  (10122224)               397078.26
3767371.08        0.68302  (10082724)
       397118.26   3767371.08        0.84507  (11051324)               397158.26
3767371.08        1.02985m (10102024)
       397198.26   3767371.08        1.04529  (12102224)               397238.26
3767371.08        1.03384  (11082624)
       397278.26   3767371.08        0.96332  (16061324)               397318.26
3767371.08        0.92613m (12080124)
       397358.26   3767371.08        0.85251  (16121624)               397398.26
3767371.08        0.73157m (12081624)
       397438.26   3767371.08        0.58779  (12050324)               397478.26
3767371.08        0.49205m (11072524)
       397518.26   3767371.08        0.41346  (15110424)               397558.26
3767371.08        0.35990  (16052524)
       397598.26   3767371.08        0.30113  (16052524)               397638.26
3767371.08        0.25259  (16052524)
       397678.26   3767371.08        0.21006  (16052524)               397718.26
3767371.08        0.18110  (11042024)
       396558.26   3767411.08        0.09445  (10111924)               396598.26
3767411.08        0.10646  (11010324)
       396638.26   3767411.08        0.11835  (12122524)               396678.26
3767411.08        0.13637  (10051824)
       396718.26   3767411.08        0.15609  (10051824)               396758.26
3767411.08        0.17375  (10010724)
       396798.26   3767411.08        0.18796  (15051324)               396838.26
3767411.08        0.21368  (10020324)
       396878.26   3767411.08        0.25271  (10100624)               396918.26
3767411.08        0.29808m (10102024)
       396958.26   3767411.08        0.33635  (10061524)               396998.26
3767411.08        0.40821  (10040924)
       397038.26   3767411.08        0.51197b (12052424)               397078.26
3767411.08        0.59483  (10072124)
       397118.26   3767411.08        0.70234  (10082624)               397158.26
3767411.08        0.78761  (16062124)
       397198.26   3767411.08        0.84994  (16061024)               397238.26
3767411.08        0.86862  (11081024)
       397278.26   3767411.08        0.82354  (15052224)               397318.26
3767411.08        0.77291  (15052224)
       397358.26   3767411.08        0.71857  (11070724)               397398.26
3767411.08        0.65581  (12102224)
       397438.26   3767411.08        0.57498  (12110924)               397478.26
3767411.08        0.48422  (10110924)
       397518.26   3767411.08        0.41494  (16052524)               397558.26
3767411.08        0.34961  (12101924)
       397598.26   3767411.08        0.30354  (15110424)               397638.26
3767411.08        0.26551  (16052524)
       397678.26   3767411.08        0.22618  (16052524)               397718.26
3767411.08        0.19169  (16052524)
       396558.26   3767451.08        0.09017  (11010324)               396598.26
3767451.08        0.09937  (10051824)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	0.18202	(10122224)	396838.26	3767451.08	0.20524	(10061624)
396878.26	3767451.08	0.25706	(11021624)	396918.26	3767451.08	0.28839	(10011824)
396958.26	3767451.08	0.32291	(10040924)	396998.26	3767451.08	0.37160	(10051724)
397038.26	3767451.08	0.45051	(10072124)	397078.26	3767451.08	0.50646	(10072224)
397118.26	3767451.08	0.58682	(10082624)	397158.26	3767451.08	0.66633	(10061124)
397198.26	3767451.08	0.71501b	(12052424)	397238.26	3767451.08	0.75006m	(11070424)
397278.26	3767451.08	0.70512	(15052224)	397318.26	3767451.08	0.66292	(16121624)
397358.26	3767451.08	0.61092	(11051824)	397398.26	3767451.08	0.56578	(11051824)
397438.26	3767451.08	0.51713b	(11100324)	397478.26	3767451.08	0.46563m	(12081624)

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       397518.26   3767451.08        0.40376  (16051724)               397558.26
3767451.08        0.35249  (10110924)
       397598.26   3767451.08        0.30386  (16052524)               397638.26
3767451.08        0.25917  (16102524)
       397678.26   3767451.08        0.22526  (16102524)               397718.26
3767451.08        0.19722  (16052524)
       396558.26   3767491.08        0.08414  (10010724)               396598.26
3767491.08        0.09353  (11111824)
       396638.26   3767491.08        0.10714  (15051324)               396678.26
3767491.08        0.11852  (10020324)
       396718.26   3767491.08        0.13467  (10112424)               396758.26
3767491.08        0.14987  (11032824)
       396798.26   3767491.08        0.18136  (12041324)               396838.26
3767491.08        0.22443  (11021624)
       396878.26   3767491.08        0.24432  (10111924)               396918.26
3767491.08        0.27081  (11021624)
       396958.26   3767491.08        0.30471m (10052024)               396998.26
3767491.08        0.34506  (10062124)
       397038.26   3767491.08        0.40298  (10062124)               397078.26
3767491.08        0.44372  (10072224)
       397118.26   3767491.08        0.49175  (11051324)               397158.26
3767491.08        0.57754  (12070424)
       397198.26   3767491.08        0.63616  (11051324)               397238.26
3767491.08        0.63392m (11030124)
       397278.26   3767491.08        0.61995  (15050724)               397318.26
3767491.08        0.57524  (11082624)
       397358.26   3767491.08        0.53522  (11082624)               397398.26
3767491.08        0.50355m (11050924)
       397438.26   3767491.08        0.45955  (11042024)               397478.26
3767491.08        0.41619b (11100324)
       397518.26   3767491.08        0.38046m (12081624)               397558.26
3767491.08        0.33640  (16051724)
       397598.26   3767491.08        0.29508b (11100324)               397638.26
3767491.08        0.25353  (12101924)
       397678.26   3767491.08        0.22343  (16052524)               397718.26
3767491.08        0.19535  (16102524)
       396558.26   3767531.08        0.08122  (10010724)               396598.26
3767531.08        0.08900  (10010724)
       396638.26   3767531.08        0.10298  (10112424)               396678.26
3767531.08        0.11646  (11021624)
       396718.26   3767531.08        0.13262  (10061624)               396758.26
3767531.08        0.15673  (12041324)
       396798.26   3767531.08        0.18836  (10111924)               396838.26
3767531.08        0.20275  (10111924)
       396878.26   3767531.08        0.22493m (10030824)               396918.26
3767531.08        0.25122  (10040924)
       396958.26   3767531.08        0.28587m (10052024)               396998.26
3767531.08        0.32698m (10052024)
       397038.26   3767531.08        0.36599m (10052024)               397078.26
3767531.08        0.39136  (10072124)
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397118.26	3767531.08	0.42776	(11030724)	397158.26	3767531.08	0.49126	(11090924)
397198.26	3767531.08	0.54551	(16062124)	397238.26	3767531.08	0.54218	(10091524)
397278.26	3767531.08	0.53980m	(11070424)	397318.26	3767531.08	0.52049	(15050724)
397358.26	3767531.08	0.47043	(15050724)	397398.26	3767531.08	0.43666	(11051824)
397438.26	3767531.08	0.41478m	(11050924)	397478.26	3767531.08	0.37289	(11101824)
397518.26	3767531.08	0.33753	(11070724)	397558.26	3767531.08	0.31119m	(12081624)
397598.26	3767531.08	0.27819	(16051724)	397638.26	3767531.08	0.24537	(10110924)
397678.26	3767531.08	0.21638	(16061324)	397718.26	3767531.08	0.18790	(16052524)
397320.82	3767219.11	1.43791	(10110824)	397330.82	3767209.11	1.48851	(12122724)
397340.82	3767189.11	1.37514b	(12091224)	397340.82	3767199.11	1.45298	(10102524)
397340.82	3767209.11	1.45077	(10102524)	397350.82	3767189.11	1.25886b	(12091224)

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       397350.82   3767199.11        1.27911b (12091224)               397360.82
 3767189.11        0.98759b (12091224)
       397360.82   3767199.11        0.99883b (12091224)               397370.82
 3767189.11        0.73958  (10052724)
       397380.82   3767189.11        0.58987  (16102824)               396934.73
 3767169.52        0.53670  (12112924)
       397014.53   3767229.60        0.76951  (11110224)               397044.10
 3767223.97        0.77713  (10021924)
       397113.57   3767239.93        1.41161  (11062724)               397158.63
 3767280.29        1.60811  (16062724)
       397168.95   3767307.05        1.16705m (10102024)               397244.05
 3767296.72        1.32268c (16082924)
       397260.95   3767278.88        1.29569  (16081224)               397409.74
 3767205.66        0.58729  (16102824)
       397422.89   3767189.23        0.49000  (16102824)               397426.64
 3767180.78        0.46594  (16022424)
       397420.54   3767170.46        0.47338  (16022424)               397318.68
 3767160.13        1.12256  (10102524)
       397022.98   3767083.62        1.95813  (15010624)               396920.42
 3767167.32        0.50441  (10032524)
       396989.95   3767243.54        0.54306c (11112424)               397044.10
 3767223.97        0.77713  (10021924)
       397113.57   3767239.93        1.41161  (11062724)               397158.63
 3767280.29        1.60811  (16062724)
       397168.95   3767307.05        1.16705m (10102024)               397244.05
 3767296.72        1.32268c (16082924)
       397260.95   3767278.88        1.29569  (16081224)               397409.74
 3767205.66        0.58729  (16102824)
       397422.89   3767189.23        0.49000  (16102824)               397426.64
 3767180.78        0.46594  (16022424)
       397420.54   3767170.46        0.47338  (16022424)               397318.68
 3767160.13        1.12256  (10102524)
       397022.98   3767083.62        1.95813  (15010624)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE 113
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	3.05500	(15122324)	396598.26	3766771.08	3.32446	(15122324)
396638.26	3766771.08	3.67821	(11121924)	396678.26	3766771.08	3.98252	(11121924)
396718.26	3766771.08	4.31773m	(16010624)	396758.26	3766771.08	4.67772m	(16010624)
396798.26	3766771.08	5.01531m	(16010624)	396838.26	3766771.08	5.37069	(16121124)
396878.26	3766771.08	5.76169	(16121124)	396918.26	3766771.08	6.14614	(16121124)
396958.26	3766771.08	6.40188	(16112724)	396998.26	3766771.08	6.68807m	(10012224)
397038.26	3766771.08	6.90332m	(10012224)	397078.26	3766771.08	7.03314m	(10012224)
397118.26	3766771.08	7.01191	(16121224)	397158.26	3766771.08	6.94180m	(15051024)
397198.26	3766771.08	6.80566m	(15051024)	397238.26	3766771.08	6.60614m	(15051024)
397278.26	3766771.08	6.34961m	(15051024)	397318.26	3766771.08	6.04808m	(15051024)
397358.26	3766771.08	5.71325m	(15051024)	397398.26	3766771.08	5.36454m	(15051024)
397438.26	3766771.08	5.00862m	(15051024)	397478.26	3766771.08	4.65912m	(15051024)
397518.26	3766771.08	4.32245m	(15051024)	397558.26	3766771.08	4.00323m	(15051024)
397598.26	3766771.08	3.70501m	(15051024)	397638.26	3766771.08	3.42912m	(15051024)
397678.26	3766771.08	3.17539m	(15051024)	397718.26	3766771.08	2.94263m	(15051024)
396558.26	3766811.08	3.23416	(15122024)	396598.26	3766811.08	3.52685	(15122324)
396638.26	3766811.08	3.91827	(16112724)	396678.26	3766811.08	4.37130	(16112724)
396718.26	3766811.08	4.74908	(11121924)	396758.26	3766811.08	5.11747m	(16010624)
396798.26	3766811.08	5.59107m	(16010624)	396838.26			

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 3766811.08        6.06769m (16010624)
       396878.26   3766811.08        6.56526  (16121124)               396918.26
 3766811.08        7.08205  (16121124)
       396958.26   3766811.08        7.52941  (16112724)               396998.26
 3766811.08        7.83374m (10012224)
       397038.26   3766811.08        8.13227m (10012224)               397078.26
 3766811.08        8.31083m (10012224)
       397118.26   3766811.08        8.33158  (16121224)               397158.26
 3766811.08        8.25655  (16121224)
       397198.26   3766811.08        8.04115  (16121224)               397238.26
 3766811.08        7.72630  (16121224)
       397278.26   3766811.08        7.35078  (16121224)               397318.26
 3766811.08        6.93894m (15051024)
       397358.26   3766811.08        6.49917m (15051024)               397398.26
 3766811.08        6.04439m (15051024)
       397438.26   3766811.08        5.59034m (15051024)               397478.26
 3766811.08        5.15248m (15051024)
       397518.26   3766811.08        4.73734m (15051024)               397558.26
 3766811.08        4.35103m (15051024)
       397598.26   3766811.08        3.99619m (15051024)               397638.26
 3766811.08        3.67296m (15051024)
       397678.26   3766811.08        3.38014m (15051024)               397718.26
 3766811.08        3.11555m (15051024)
       396558.26   3766851.08        3.39497  (15122024)               396598.26
 3766851.08        3.74543  (15122324)
       396638.26   3766851.08        4.13810  (15122324)               396678.26
 3766851.08        4.63563  (16112724)
       396718.26   3766851.08        5.20533  (16112724)               396758.26
 3766851.08        5.73015  (11121924)
       396798.26   3766851.08        6.26728  (11121924)               396838.26
 3766851.08        6.89316  (15122324)
       396878.26   3766851.08        7.55322  (16121124)               396918.26
 3766851.08        8.24910  (16121124)
       396958.26   3766851.08        8.92406  (16121124)               396998.26
 3766851.08        9.34977  (16112724)
       397038.26   3766851.08        9.73345m (10012224)               397078.26
 3766851.08       10.01345m (10012224)
       397118.26   3766851.08       10.10368  (15122024)               397158.26
 3766851.08        9.96451  (16121224)
       397198.26   3766851.08        9.66475  (16121224)               397238.26
 3766851.08        9.23421  (16121224)
       397278.26   3766851.08        8.69100  (16121224)               397318.26
 3766851.08        8.07140  (16121224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE 114
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	7.46252	(16121224)	397398.26	3766851.08	6.85601	(16121224)
397438.26	3766851.08	6.26788	(16121224)	397478.26	3766851.08	5.71351m	(15051024)
397518.26	3766851.08	5.19952m	(15051024)	397558.26	3766851.08	4.73084m	(15051024)
397598.26	3766851.08	4.30828m	(15051024)	397638.26	3766851.08	3.92994m	(15051024)
397678.26	3766851.08	3.59239m	(15051024)	397718.26	3766851.08	3.29178m	(15051024)
396558.26	3766891.08	3.56268	(16121124)	396598.26	3766891.08	3.93895	(15122024)
396638.26	3766891.08	4.41860	(15122324)	396678.26	3766891.08	4.95732	(15122324)
396718.26	3766891.08	5.60130	(16112724)	396758.26	3766891.08	6.37168	(16112724)
396798.26	3766891.08	7.15719	(11121924)	396838.26	3766891.08	7.91986	(11121924)
396878.26	3766891.08	8.79734	(15122324)	396918.26	3766891.08	9.72347	(16121124)
396958.26	3766891.08	10.69901	(16121124)	396998.26	3766891.08	11.46677	(16112724)
397038.26	3766891.08	11.91091c	(16012024)	397078.26	3766891.08	12.37318m	(10012224)
397118.26	3766891.08	12.49555m	(10012224)	397158.26	3766891.08	12.24055	(16121224)
397198.26	3766891.08	11.83621	(16121224)	397238.26	3766891.08	11.19275	(16121224)

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       397278.26   3766891.08       10.42517  (16121224)               397318.26
3766891.08        9.58324  (16121224)
       397358.26   3766891.08        8.69525  (16121224)               397398.26
3766891.08        7.84119  (16121224)
       397438.26   3766891.08        7.06380  (16121224)               397478.26
3766891.08        6.35177  (16121224)
       397518.26   3766891.08        5.71164m (15051024)               397558.26
3766891.08        5.14178m (15051024)
       397598.26   3766891.08        4.63895m (15051024)               397638.26
3766891.08        4.19711m (15051024)
       397678.26   3766891.08        3.80941m (15051024)               397718.26
3766891.08        3.46960m (15051024)
       396558.26   3766931.08        3.75737  (16121124)               396598.26
3766931.08        4.16245  (16121124)
       396638.26   3766931.08        4.69080  (15122024)               396678.26
3766931.08        5.31905  (15122324)
       396718.26   3766931.08        6.03659  (15122324)               396758.26
3766931.08        6.94836  (16112724)
       396798.26   3766931.08        8.06034  (16112724)               396838.26
3766931.08        9.25021c (16011024)
       396878.26   3766931.08       10.39462  (11121924)               396918.26
3766931.08       11.67454  (15122324)
       396958.26   3766931.08       13.10471  (16121124)               396998.26
3766931.08       14.43573  (16112724)
       397038.26   3766931.08       15.17014c (16012024)               397078.26
3766931.08       15.75430  (16121224)
       397118.26   3766931.08       15.89033  (16121224)               397158.26
3766931.08       15.53473  (16121224)
       397198.26   3766931.08       14.83267  (16121224)               397238.26
3766931.08       13.85499  (16121224)
       397278.26   3766931.08       12.69292  (16121224)               397318.26
3766931.08       11.48103  (16121224)
       397358.26   3766931.08       10.28995  (16121224)               397398.26
3766931.08        9.10092  (16121224)
       397438.26   3766931.08        8.01665  (16121224)               397478.26
3766931.08        7.08453  (16121224)
       397518.26   3766931.08        6.28249  (16121224)               397558.26
3766931.08        5.58098m (15051024)
       397598.26   3766931.08        4.98325m (15051024)               397638.26
3766931.08        4.46942m (15051024)
       397678.26   3766931.08        4.02667m (15051024)               397718.26
3766931.08        3.64619m (15051024)
       396558.26   3766971.08        3.94227  (16121124)               396598.26
3766971.08        4.39859  (16121124)
       396638.26   3766971.08        4.96425  (16121124)               396678.26
3766971.08        5.64289  (16121124)
       396718.26   3766971.08        6.53420  (15122324)               396758.26
3766971.08        7.55739  (15122324)
       396798.26   3766971.08        8.91096  (16112724)               396838.26
3766971.08       10.61498  (16121324)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	16.53645	(16121124)	396998.26	3766971.08	18.74582	(15122324)
397038.26	3766971.08	20.20058	(16112724)	397078.26	3766971.08	21.00235c	(16012024)
397118.26	3766971.08	21.00222	(16121224)	397158.26	3766971.08	20.31028	(16121224)
397198.26	3766971.08	19.05667m	(10012224)	397238.26	3766971.08	17.52548m	(10012224)
397278.26	3766971.08	15.78177	(16121224)	397318.26	3766971.08	13.98890	(16121224)
397358.26	3766971.08	12.01408c	(16011024)	397398.26	3766971.08	10.28709	(15013124)
397438.26	3766971.08	9.15916	(16121224)	397478.26	3766971.08	7.92271	(16121224)
397518.26	3766971.08	6.89958	(16121224)	397558.26	3766971.08	6.04485	(16121224)
397598.26	3766971.08	5.33347m	(15051024)	397638.26	3766971.08	4.73952m	(15051024)
397678.26	3766971.08	4.23722m	(15051024)	397718.26			

3766971.08 3.81480m (15051024)
396558.26 3767011.08 4.11425 (16121124) 396598.26
3767011.08 4.60906 (16121124)
396638.26 3767011.08 5.23870 (16121124) 396678.26
3767011.08 6.01872 (16121124)
396718.26 3767011.08 6.98646 (16121124) 396758.26
3767011.08 8.25947 (15122024)
396798.26 3767011.08 9.84648 (15122324) 396838.26
3767011.08 12.01738 (16112724)
396878.26 3767011.08 14.86024 (16121324) 396918.26
3767011.08 18.22564 (16121324)
396958.26 3767011.08 21.74722 (11121924) 396998.26
3767011.08 25.70870 (15122324)
397038.26 3767011.08 28.56660 (16112724) 397078.26
3767011.08 29.81193c (16012024)
397118.26 3767011.08 29.39209c (16012024) 397158.26
3767011.08 27.76995c (16012024)
397198.26 3767011.08 25.48070c (16012024) 397238.26
3767011.08 22.81459m (10012224)
397278.26 3767011.08 20.10756m (10012224) 397318.26
3767011.08 17.37106m (10012224)
397358.26 3767011.08 14.35487 (10013024) 397398.26
3767011.08 12.01389 (10010924)
397438.26 3767011.08 10.28785m (10012224) 397478.26
3767011.08 8.83383 (16121224)
397518.26 3767011.08 7.54568 (16121224) 397558.26
3767011.08 6.51543 (16121224)
397598.26 3767011.08 5.67990 (16121224) 397638.26
3767011.08 4.99924m (15051024)
397678.26 3767011.08 4.43646m (15051024) 397718.26
3767011.08 3.97078m (15051024)
396558.26 3767051.08 4.25126 (12122524) 396598.26
3767051.08 4.80941 (16121124)
396638.26 3767051.08 5.47958 (16121124) 396678.26
3767051.08 6.35437 (16121124)
396718.26 3767051.08 7.46745 (16121124) 396758.26
3767051.08 8.92155 (16121124)
396798.26 3767051.08 10.88893 (16121124) 396838.26
3767051.08 13.60349 (16121124)
396878.26 3767051.08 17.51803 (16112724) 396918.26
3767051.08 23.29164 (16112724)
396958.26 3767051.08 30.72613 (16112724) 396998.26
3767051.08 39.13884 (12122524)
397038.26 3767051.08 45.81000c (16012024) 397078.26
3767051.08 47.02253c (16012024)
397118.26 3767051.08 44.70512c (16012024) 397158.26
3767051.08 40.77943c (16012024)
397198.26 3767051.08 36.25720c (16012024) 397238.26
3767051.08 31.49239c (16012024)
397278.26 3767051.08 26.79056 (15013124) 397318.26

 3767051.08   22.14665 (15013124)
       397358.26   3767051.08   17.58711 (15013124)   397398.26
 3767051.08   14.18790 (11011024)
       397438.26   3767051.08   12.05088 (16121324)   397478.26
 3767051.08   9.70906 (15013124)
       397518.26   3767051.08   8.22331 (15013124)   397558.26
 3767051.08   7.00210 (15013124)
       397598.26   3767051.08   6.03480 (15013124)   397638.26
 3767051.08   5.26120 (15013124)
       397678.26   3767051.08   4.63470 (15013124)   397718.26
 3767051.08   4.12161 (15013124)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396558.26   3767091.08   4.33609m (10012224)   396598.26
 3767091.08   4.92467 (11112024)
       396638.26   3767091.08   5.68556 (12122524)   396678.26
 3767091.08   6.61445 (16121124)
       396718.26   3767091.08   7.85910 (16121124)   396758.26
 3767091.08   9.53071 (16121124)
       396798.26   3767091.08   11.86795 (16121124)   396838.26
 3767091.08   15.28926 (15122324)
       396878.26   3767091.08   20.74153 (15122024)   396918.26
 3767091.08   30.10981 (16121124)

```
       396958.26   3767091.08       46.46074  (16121324)                396998.26
3767091.08       77.33942  (15122024)
       397078.26   3767091.08       92.13244  (15122024)                397118.26
3767091.08       79.68769c (16012024)
       397158.26   3767091.08       67.62248c (16012024)                397198.26
3767091.08       56.80521  (15122024)
       397238.26   3767091.08       47.04973  (15013124)                397278.26
3767091.08       38.54739  (15013124)
       397318.26   3767091.08       30.03737  (16121224)                397358.26
3767091.08       22.23423  (16121224)
       397398.26   3767091.08       17.28047  (16121324)                397438.26
3767091.08       13.47100  (16121324)
       397478.26   3767091.08       10.94075b (11111524)                397518.26
3767091.08        8.91525  (16121324)
       397558.26   3767091.08        7.46798  (16121324)                397598.26
3767091.08        6.38820  (15102924)
       397638.26   3767091.08        5.50677  (15013124)                397678.26
3767091.08        4.81958  (15013124)
       397718.26   3767091.08        4.25655m (10012224)                396558.26
3767131.08        4.43262m (10012224)
       396598.26   3767131.08        5.03871m (10012224)                396638.26
3767131.08        5.80381  (11112024)
       396678.26   3767131.08        6.75003  (11112024)                396718.26
3767131.08        8.08186  (12122524)
       396758.26   3767131.08        9.94791  (16121124)                396798.26
3767131.08       12.57936  (15122324)
       396838.26   3767131.08       16.60636  (15122324)                396878.26
3767131.08       23.64954  (15122324)
       396918.26   3767131.08       38.48026  (15122324)                396958.26
3767131.08       80.82158  (15100524)
       397238.26   3767131.08       85.64930  (16121224)                397278.26
3767131.08       66.23849  (15013124)
       397318.26   3767131.08       46.22708  (15013124)                397358.26
3767131.08       29.08773  (15122324)
       397398.26   3767131.08       20.17707  (16121324)                397438.26
3767131.08       14.91838  (16121324)
       397478.26   3767131.08       11.98846  (15122524)                397518.26
3767131.08        9.61006m (15020724)
       397558.26   3767131.08        8.00519  (10112824)                397598.26
3767131.08        6.69758m (10042924)
       397638.26   3767131.08        5.70512  (16121124)                397678.26
3767131.08        4.93481c (16011024)
       397718.26   3767131.08        4.34451c (16011024)                396558.26
3767171.08        4.46661  (11121924)
       396598.26   3767171.08        5.10508m (10012224)                396638.26
3767171.08        5.87535m (10012224)
       396678.26   3767171.08        6.80844m (10012224)                396718.26
3767171.08        8.09011  (11112024)
       396758.26   3767171.08        9.96192  (11112024)                396798.26
3767171.08       12.78372  (11112024)
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       396838.26   3767171.08       17.15125  (12122524)                396878.26
 3767171.08       25.18688c (16011024)
       396918.26   3767171.08       44.30652  (12122524)                397438.26
 3767171.08       15.95823  (15013124)
       397478.26   3767171.08       12.23225  (15102924)                397518.26
 3767171.08        9.85996  (16121324)
       397558.26   3767171.08        8.08142c (16032224)                397598.26
 3767171.08        6.81040c (16011924)
       397638.26   3767171.08        5.80383  (15013024)                397678.26
 3767171.08        5.03272  (15013024)
       397718.26   3767171.08        4.42356  (15122324)                396558.26
 3767211.08        4.43602m (15051024)
       396598.26   3767211.08        5.04622m (15051024)                396638.26
 3767211.08        5.80689  (16121224)
       396678.26   3767211.08        6.78378  (16121224)                396718.26
 3767211.08        7.98768  (16121224)
       396758.26   3767211.08        9.68243  (16121224)                396798.26
 3767211.08       12.21223  (16121224)
       396838.26   3767211.08       16.18258  (16121224)                396878.26
 3767211.08       22.93306  (11013024)
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 117
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08       36.42905  (15122324)                396958.26
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3767211.08       63.91450  (10122324)
       397438.26   3767211.08       16.89654  (16121224)                397478.26
3767211.08       12.88017  (16121224)
       397518.26   3767211.08        9.96769  (15013124)                397558.26
3767211.08        8.37676  (15013124)
       397598.26   3767211.08        6.96128c (16011924)                397638.26
3767211.08        5.95568c (16011924)
       397678.26   3767211.08        5.15940c (16011924)                397718.26
3767211.08        4.53558c (16011924)
       396558.26   3767251.08        4.39321m (15051024)                396598.26
3767251.08        4.98607m (15051024)
       396638.26   3767251.08        5.72633  (16121224)                396678.26
3767251.08        6.66630  (16121224)
       396718.26   3767251.08        7.84575  (16121224)                396758.26
3767251.08        9.37585m (10012224)
       396798.26   3767251.08       11.56885  (16121224)                396838.26
3767251.08       15.14980c (16011024)
       396878.26   3767251.08       20.42506c (16011024)                396918.26
3767251.08       27.58829  (10100624)
       396958.26   3767251.08       38.80050m (10012224)                396998.26
3767251.08       53.34593  (11111924)
       397038.26   3767251.08       64.13040b (11111524)                397078.26
3767251.08       85.66278  (16103124)
       397118.26   3767251.08      139.40020  (16100524)                397318.26
3767251.08       50.84640  (12050324)
       397358.26   3767251.08       33.03680c (15101724)                397398.26
3767251.08       21.85306  (15042424)
       397438.26   3767251.08       16.58783  (11061824)                397478.26
3767251.08       13.51270  (15060124)
       397518.26   3767251.08       11.58073  (15072224)                397558.26
3767251.08        9.16246  (15072224)
       397598.26   3767251.08        7.44678m (10042924)                397638.26
3767251.08        6.03697  (15013124)
       397678.26   3767251.08        5.27728  (16102524)                397718.26
3767251.08        4.61111  (16102524)
       396558.26   3767291.08        4.69854m (10050224)                396598.26
3767291.08        4.85234  (11121724)
       396638.26   3767291.08        5.42333  (11121724)                396678.26
3767291.08        6.38595  (15122324)
       396718.26   3767291.08        7.54089  (16121224)                396758.26
3767291.08        8.92221m (10012224)
       396798.26   3767291.08       10.91001c (16011024)                396838.26
3767291.08       13.58987c (16011024)
       396878.26   3767291.08       17.33417  (10121624)                396918.26
3767291.08       22.50231m (10121424)
       396958.26   3767291.08       29.75584m (10012224)                396998.26
3767291.08       33.14610  (10100424)
       397038.26   3767291.08       33.74758m (10121424)                397078.26
3767291.08       40.36303  (10111924)
       397118.26   3767291.08       57.00238  (11013024)                397158.26
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 3767291.08      106.79015  (16121224)
       397278.26   3767291.08       57.41485  (15122324)                397318.26
 3767291.08       42.04731  (12110924)
       397358.26   3767291.08       30.23940  (15072224)                397398.26
 3767291.08       21.06304  (15070624)
       397438.26   3767291.08       16.46325  (12050324)                397478.26
 3767291.08       13.89544  (12042324)
       397518.26   3767291.08       11.99777  (15060124)                397558.26
 3767291.08        9.67837  (12042324)
       397598.26   3767291.08        8.27660  (12042324)                397638.26
 3767291.08        7.04764  (15121424)
       397678.26   3767291.08        5.61573  (15072224)                397718.26
 3767291.08        4.60631m (15051024)
       396558.26   3767331.08        5.24240  (11042524)                396598.26
 3767331.08        5.62261  (11051024)
       396638.26   3767331.08        6.09892  (15021724)                396678.26
 3767331.08        6.03779  (16121324)
       396718.26   3767331.08        7.08187  (15122324)                396758.26
 3767331.08        8.40904c (16011024)
       396798.26   3767331.08        9.95393c (16011024)                396838.26
 3767331.08       12.04942c (16011024)
       396878.26   3767331.08       14.67253  (16121324)                396918.26
 3767331.08       19.45596  (11032824)
       396958.26   3767331.08       23.49247b (11111524)                396998.26
 3767331.08       27.45444m (10102024)
       397038.26   3767331.08       27.38403  (11031724)                397078.26
 3767331.08       30.09747m (10102124)
       397118.26   3767331.08       36.42124  (11013024)                397158.26
 3767331.08       46.27093  (10092224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 118
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	52.80583	(10100224)	397238.26	3767331.08	48.69049	(16061324)
397278.26	3767331.08	42.10481	(15101424)	397318.26	3767331.08	34.74330	(12050324)
397358.26	3767331.08	27.61660	(16091124)	397398.26	3767331.08	20.67238	(11060924)
397438.26	3767331.08	17.08384	(11060924)	397478.26	3767331.08	14.30989	(12050324)
397518.26	3767331.08	11.76226	(15042424)	397558.26	3767331.08	9.89000	(15060124)
397598.26	3767331.08	8.64733	(12110924)	397638.26	3767331.08	7.85680	(12082524)
397678.26	3767331.08	6.53468	(15111524)	397718.26	3767331.08	5.05064	(15121424)
396558.26	3767371.08	5.11631	(10111924)	396598.26	3767371.08	5.48152	(15021724)
396638.26	3767371.08	5.55689m	(10050224)	396678.26	3767371.08	5.74475	(12120824)
396718.26	3767371.08	6.75719m	(10012224)	396758.26	3767371.08	7.75150c	(16011024)
396798.26	3767371.08	9.00716c	(16011024)	396838.26	3767371.08	10.61619c	(16011024)
396878.26	3767371.08	12.70875	(16121324)	396918.26	3767371.08	16.69620	(10121624)
396958.26	3767371.08	19.52472	(10101924)	396998.26	3767371.08	22.91771	(10101924)
397038.26	3767371.08	22.73720	(10101724)	397078.26	3767371.08	23.81790	(11031724)
397118.26	3767371.08	27.28015	(11031724)	397158.26	3767371.08	29.71505	(10100224)
397198.26	3767371.08	33.67891	(10091424)	397238.26	3767371.08	34.66355	(15042124)
397278.26	3767371.08	32.34055	(10112024)	397318.26	3767371.08	28.64451	(16060524)
397358.26	3767371.08	25.36920	(16101624)	397398.26	3767371.08	20.16046	(16051724)
397438.26	3767371.08	17.09912	(15060724)	397478.26	3767371.08	14.51596	(12082524)
397518.26	3767371.08	12.61100	(12050324)	397558.26	3767371.08	10.74320	(15052924)
397598.26	3767371.08	9.20671	(15052924)	397638.26	3767371.08	8.13563	(15072924)

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       397678.26   3767371.08        7.23654  (15060124)               397718.26
 3767371.08        6.27992  (12082524)
       396558.26   3767411.08        4.85046  (11030824)               396598.26
 3767411.08        5.12222  (11020624)
       396638.26   3767411.08        4.98224  (12122524)               396678.26
 3767411.08        5.39575  (11013024)
       396718.26   3767411.08        6.27757  (15122324)               396758.26
 3767411.08        7.09932m (10012224)
       396798.26   3767411.08        8.16732  (11112024)               396838.26
 3767411.08        9.37244c (15101924)
       396878.26   3767411.08       10.91388  (16121324)               396918.26
 3767411.08       13.94735  (11013024)
       396958.26   3767411.08       16.91993  (10121624)               396998.26
 3767411.08       18.71672m (10060524)
       397038.26   3767411.08       18.32161  (11020424)               397078.26
 3767411.08       19.22905  (11020424)
       397118.26   3767411.08       21.10012  (11031724)               397158.26
 3767411.08       23.22060  (16121124)
       397198.26   3767411.08       25.88069  (10092224)               397238.26
 3767411.08       26.75191  (15061924)
       397278.26   3767411.08       25.62267m (15121024)               397318.26
 3767411.08       23.62938  (16061324)
       397358.26   3767411.08       22.02943  (16060524)               397398.26
 3767411.08       18.70816m (12050124)
       397438.26   3767411.08       16.53913  (16061324)               397478.26
 3767411.08       14.44777  (15060724)
       397518.26   3767411.08       12.67335  (11072824)               397558.26
 3767411.08       11.27155  (12050324)
       397598.26   3767411.08        9.93492  (15052924)               397638.26
 3767411.08        8.68799  (15052924)
       397678.26   3767411.08        7.50570  (15052924)               397718.26
 3767411.08        6.96169  (16121224)
       396558.26   3767451.08        4.74560  (11020324)               396598.26
 3767451.08        4.93653  (10072124)
       396638.26   3767451.08        4.66216  (11020324)               396678.26
 3767451.08        5.13449  (10121624)
       396718.26   3767451.08        5.77211  (10121624)               396758.26
 3767451.08        6.48148m (10012224)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 119
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396798.26   3767451.08        7.28433c (15101924)               396838.26
 3767451.08         8.29780c (15101924)
        396878.26   3767451.08        9.45484  (16121324)               396918.26
 3767451.08        11.78277  (10041124)
        396958.26   3767451.08       14.80140  (10101924)               396998.26
 3767451.08        16.72672  (10101724)
        397038.26   3767451.08       16.89726m (10102024)               397078.26
 3767451.08        17.10378  (10101524)
        397118.26   3767451.08       18.10996  (11020424)               397158.26
 3767451.08        18.79100  (10082624)
        397198.26   3767451.08       21.24960m (16123124)               397238.26
 3767451.08        21.91312m (16123124)
        397278.26   3767451.08       21.34731m (10102124)               397318.26
 3767451.08        19.91226  (16101624)
        397358.26   3767451.08       18.97812  (15071724)               397398.26
 3767451.08        16.41949m (12050124)
        397438.26   3767451.08       15.09626  (16061324)               397478.26
 3767451.08        13.79693  (16061324)
        397518.26   3767451.08       12.48869  (16051724)               397558.26
 3767451.08        11.28068  (11072824)
        397598.26   3767451.08       10.08123  (15052924)               397638.26
 3767451.08         9.13562  (11072824)
        397678.26   3767451.08        8.11551  (15052924)               397718.26
 3767451.08         7.27605  (15052924)
        396558.26   3767491.08        4.61259  (11021624)               396598.26
 3767491.08         4.66819  (11020624)
        396638.26   3767491.08        4.94902  (15021724)               396678.26
 3767491.08         5.50675  (11020324)
        396718.26   3767491.08        5.59105  (10100624)               396758.26
 3767491.08         5.93759  (15122324)
        396798.26   3767491.08        6.55390c (15101924)               396838.26
 3767491.08         7.35096c (15101924)
        396878.26   3767491.08        8.21220  (10121624)               396918.26
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 3767491.08       10.20245  (10041124)
       396958.26   3767491.08       12.68980  (11020424)               396998.26
 3767491.08       15.09454  (10101924)
       397038.26   3767491.08       14.96428  (10053124)               397078.26
 3767491.08       15.50041  (11031724)
       397118.26   3767491.08       15.64011  (11031724)               397158.26
 3767491.08       16.12583  (10101724)
       397198.26   3767491.08       17.94185  (15063024)               397238.26
 3767491.08       18.79131m (16123124)
       397278.26   3767491.08       18.43741  (11082724)               397318.26
 3767491.08       17.39845m (12120224)
       397358.26   3767491.08       16.25899  (16103024)               397398.26
 3767491.08       15.12575  (15101624)
       397438.26   3767491.08       13.76591m (12050124)               397478.26
 3767491.08       12.62434  (16072724)
       397518.26   3767491.08       11.77605  (15101624)               397558.26
 3767491.08       10.97188m (15070224)
       397598.26   3767491.08       10.19463m (12050124)               397638.26
 3767491.08        9.29572  (12050324)
       397678.26   3767491.08        8.32749  (15052924)               397718.26
 3767491.08        7.65004  (11072824)
       396558.26   3767531.08        4.55805  (11020624)               396598.26
 3767531.08        4.82842  (11020624)
       396638.26   3767531.08        5.22573  (10022824)               396678.26
 3767531.08        5.93962b (11111524)
       396718.26   3767531.08        5.90534  (11032824)               396758.26
 3767531.08        5.37100m (10012224)
       396798.26   3767531.08        5.90448c (15101924)               396838.26
 3767531.08        6.52041  (15122324)
       396878.26   3767531.08        7.36737  (10121624)               396918.26
 3767531.08        8.53846  (11111924)
       396958.26   3767531.08       10.76986  (11020424)               396998.26
 3767531.08       12.87632  (11032824)
       397038.26   3767531.08       13.64494  (10053124)               397078.26
 3767531.08       14.07571  (10101524)
       397118.26   3767531.08       13.82890m (10121424)               397158.26
 3767531.08       14.02138  (10082024)
       397198.26   3767531.08       15.27519  (16070224)               397238.26
 3767531.08       16.38676m (16123124)
       397278.26   3767531.08       16.06085  (11082724)               397318.26
 3767531.08       15.37095m (15121024)
       397358.26   3767531.08       14.42198m (15121024)               397398.26
 3767531.08       13.54929  (16101624)
       397438.26   3767531.08       12.27331  (12081524)               397478.26
 3767531.08       11.51489  (11073024)
       397518.26   3767531.08       10.99553  (12081524)               397558.26
 3767531.08       10.39815m (15070224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	9.88140	(11060924)	397638.26	3767531.08	9.13962m	(12050124)
397678.26	3767531.08	8.37687	(12050324)	397718.26	3767531.08	7.56252	(12050324)
397320.82	3767219.11	66.42004	(15013024)	397330.82	3767209.11	59.56859c	(16012024)
397340.82	3767189.11	54.84653c	(16011024)	397340.82	3767199.11	52.19085	(16102524)
397340.82	3767209.11	49.44185c	(16012024)	397350.82	3767189.11	44.17493	(15013124)
397350.82	3767199.11	43.32492	(15122324)	397360.82	3767189.11	37.20079	(16102524)
397360.82	3767199.11	36.65549	(15122324)	397370.82	3767189.11	31.99417	(16121124)
397380.82	3767189.11	28.02502	(15121424)	396934.73	3767169.52	63.83086	(15100524)
397014.53	3767229.60	104.95519c	(16012024)	397044.10	3767223.97	140.13125	(16121224)
397113.57	3767239.93	150.52428c	(15101924)	397158.63	3767280.29	123.57445	(16100524)
397168.95	3767307.05	77.50164c	(16011024)	397244.05	3767296.72	80.91401	(16103124)
397260.95	3767278.88	86.14637	(16121124)	397409.74	3767205.66	20.82479	(16102524)

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       397422.89   3767189.23       18.30692  (16102524)                397426.64
 3767180.78       17.68552  (11102524)
       397420.54   3767170.46       18.43515  (16121324)                397318.68
 3767160.13       76.77350  (16121224)
       397022.98   3767083.62       81.47530  (15122024)                396920.42
 3767167.32       46.18032  (15122324)
       396989.95   3767243.54       56.80517  (15122324)                397044.10
 3767223.97      140.13125  (16121224)
       397113.57   3767239.93      150.52428c (15101924)                397158.63
 3767280.29      123.57445  (16100524)
       397168.95   3767307.05       77.50164c (16011024)                397244.05
 3767296.72       80.91401  (16103124)
       397260.95   3767278.88       86.14637  (16121124)                397409.74
 3767205.66       20.82479  (16102524)
       397422.89   3767189.23       18.30692  (16102524)                397426.64
 3767180.78       17.68552  (11102524)
       397420.54   3767170.46       18.43515  (16121324)                397318.68
 3767160.13       76.77350  (16121224)
       397022.98   3767083.62       81.47530  (15122024)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 121
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08        3.08265  (15122024)                396598.26
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3766771.08        3.36465  (15122324)
       396638.26   3766771.08        3.69227  (16112724)                396678.26
3766771.08        4.06194  (16112724)
       396718.26   3766771.08        4.43496c (16011024)                396758.26
3766771.08        4.79483c (16011024)
       396798.26   3766771.08        5.11642  (16050624)                396838.26
3766771.08        5.49862  (16050624)
       396878.26   3766771.08        5.88371c (16012024)                396918.26
3766771.08        6.21450  (15122324)
       396958.26   3766771.08        6.49980  (16121124)                396998.26
3766771.08        6.77738c (16012024)
       397038.26   3766771.08        6.92967c (16012024)                397078.26
3766771.08        7.03319m (10012224)
       397118.26   3766771.08        7.03782  (16121224)                397158.26
3766771.08        6.96334  (16121224)
       397198.26   3766771.08        6.82492  (16121224)                397238.26
3766771.08        6.62427  (16121224)
       397278.26   3766771.08        6.36687  (16121224)                397318.26
3766771.08        6.06442  (16121224)
       397358.26   3766771.08        5.72819  (16121224)                397398.26
3766771.08        5.37858  (16121224)
       397438.26   3766771.08        5.02141  (16121224)                397478.26
3766771.08        4.67102  (16121224)
       397518.26   3766771.08        4.33368  (16121224)                397558.26
3766771.08        4.01393  (16121224)
       397598.26   3766771.08        3.71543  (16121224)                397638.26
3766771.08        3.43946  (16121224)
       397678.26   3766771.08        3.18572  (16121224)                397718.26
3766771.08        2.95288  (16121224)
       396558.26   3766811.08        3.23416  (15122024)                396598.26
3766811.08        3.56917  (15122024)
       396638.26   3766811.08        3.95277  (15122324)                396678.26
3766811.08        4.37130  (16112724)
       396718.26   3766811.08        4.83216  (16112724)                396758.26
3766811.08        5.26467  (11121924)
       396798.26   3766811.08        5.74245c (16011024)                396838.26
3766811.08        6.21079  (12122524)
       396878.26   3766811.08        6.70335c (16012024)                396918.26
3766811.08        7.18830  (16112724)
       396958.26   3766811.08        7.61321m (16010624)                396998.26
3766811.08        7.97818  (16121124)
       397038.26   3766811.08        8.21252c (16012024)                397078.26
3766811.08        8.31785c (16012024)
       397118.26   3766811.08        8.36031  (16121224)                397158.26
3766811.08        8.28564  (16121224)
       397198.26   3766811.08        8.07013  (16121224)                397238.26
3766811.08        7.75482  (16121224)
       397278.26   3766811.08        7.37860  (16121224)                397318.26
3766811.08        6.96508  (16121224)
       397358.26   3766811.08        6.52229  (16121224)                397398.26
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 3766811.08        6.06455  (16121224)
       397438.26   3766811.08        5.60762  (16121224)               397478.26
 3766811.08        5.16756  (16121224)
       397518.26   3766811.08        4.75056  (16121224)               397558.26
 3766811.08        4.36289  (16121224)
       397598.26   3766811.08        4.00719  (16121224)               397638.26
 3766811.08        3.68348  (16121224)
       397678.26   3766811.08        3.39048  (16121224)               397718.26
 3766811.08        3.12586  (16121224)
       396558.26   3766851.08        3.39497  (15122024)               396598.26
 3766851.08        3.75128  (15122024)
       396638.26   3766851.08        4.19398  (15122324)               396678.26
 3766851.08        4.66147  (15122324)
       396718.26   3766851.08        5.20533  (16112724)               396758.26
 3766851.08        5.79937c (16011024)
       396798.26   3766851.08        6.43409m (16010624)               396838.26
 3766851.08        7.08349c (16011024)
       396878.26   3766851.08        7.74237  (12122524)               396918.26
 3766851.08        8.39918c (16012024)
       396958.26   3766851.08        8.99592  (15122324)               396998.26
 3766851.08        9.51347  (16121124)
       397038.26   3766851.08        9.89947c (16012024)               397078.26
 3766851.08       10.08041c (16012024)
       397118.26   3766851.08       10.10621  (16121224)               397158.26
 3766851.08        9.99721  (16121224)
       397198.26   3766851.08        9.69725  (16121224)               397238.26
 3766851.08        9.26608  (16121224)
       397278.26   3766851.08        8.72179  (16121224)               397318.26
 3766851.08        8.10073  (16121224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 122
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	7.49037	(16121224)	397398.26	3766851.08	6.88231	(16121224)
397438.26	3766851.08	6.29258	(16121224)	397478.26	3766851.08	5.73366	(16121224)
397518.26	3766851.08	5.21605	(16121224)	397558.26	3766851.08	4.74475	(16121224)
397598.26	3766851.08	4.32043	(16121224)	397638.26	3766851.08	3.94106	(16121224)
397678.26	3766851.08	3.60295	(16121224)	397718.26	3766851.08	3.30213	(16121224)
396558.26	3766891.08	3.57305c	(16012024)	396598.26	3766891.08	3.93895	(15122024)
396638.26	3766891.08	4.43125	(15122024)	396678.26	3766891.08	5.02479	(15122324)
396718.26	3766891.08	5.61727	(15122324)	396758.26	3766891.08	6.37168	(16112724)
396798.26	3766891.08	7.19560c	(16011024)	396838.26	3766891.08	8.07440c	(16011024)
396878.26	3766891.08	9.03691c	(16011024)	396918.26	3766891.08	9.90167	(12122524)
396958.26	3766891.08	10.84144c	(16012024)	396998.26	3766891.08	11.56545	(16121124)
397038.26	3766891.08	12.19707c	(16012024)	397078.26	3766891.08	12.53164c	(16012024)
397118.26	3766891.08	12.52887c	(16012024)	397158.26	3766891.08	12.26603m	(10012224)
397198.26	3766891.08	11.87325	(16121224)	397238.26	3766891.08	11.22878	(16121224)
397278.26	3766891.08	10.45972	(16121224)	397318.26	3766891.08	9.61595	(16121224)
397358.26	3766891.08	8.72574	(16121224)	397398.26	3766891.08	7.86946	(16121224)
397438.26	3766891.08	7.09006	(16121224)	397478.26	3766891.08	6.37613	(16121224)
397518.26	3766891.08	5.73337	(16121224)	397558.26	3766891.08	5.15894	(16121224)
397598.26	3766891.08	4.65311	(16121224)	397638.26	3766891.08	4.20940	(16121224)
397678.26	3766891.08	3.82065	(16121224)	397718.26	3766891.08	3.48041	(16121224)
396558.26	3766931.08	3.75737	(16121124)	396598.26	3766931.08	4.16700c	(16012024)

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       396638.26   3766931.08        4.69080  (15122024)               396678.26
 3766931.08        5.33694  (15122024)
       396718.26   3766931.08        6.11562  (15122324)               396758.26
 3766931.08        6.95348  (15122324)
       396798.26   3766931.08        8.06034  (16112724)               396838.26
 3766931.08        9.25021c (16011024)
       396878.26   3766931.08       10.56303c (16011024)               396918.26
 3766931.08       11.91081m (16010624)
       396958.26   3766931.08       13.24686m (16010624)               396998.26
 3766931.08       14.45825  (16121124)
       397038.26   3766931.08       15.53323c (16012024)               397078.26
 3766931.08       16.04276c (16012024)
       397118.26   3766931.08       16.03343c (16012024)               397158.26
 3766931.08       15.55173c (16012024)
       397198.26   3766931.08       14.85722m (10012224)               397238.26
 3766931.08       13.89051m (10012224)
       397278.26   3766931.08       12.73212  (16121224)               397318.26
 3766931.08       11.51768  (16121224)
       397358.26   3766931.08       10.32408  (16121224)               397398.26
 3766931.08        9.13196  (16121224)
       397438.26   3766931.08        8.04492  (16121224)               397478.26
 3766931.08        7.11050  (16121224)
       397518.26   3766931.08        6.30655  (16121224)               397558.26
 3766931.08        5.60330  (16121224)
       397598.26   3766931.08        5.00068  (16121224)               397638.26
 3766931.08        4.48388  (16121224)
       397678.26   3766931.08        4.03943  (16121224)               397718.26
 3766931.08        3.65853  (16121224)
       396558.26   3766971.08        3.94227  (16121124)               396598.26
 3766971.08        4.39859  (16121124)
       396638.26   3766971.08        4.96425  (16121124)               396678.26
 3766971.08        5.64432c (16012024)
       396718.26   3766971.08        6.54684  (15122024)               396758.26
 3766971.08        7.64804  (15122324)
       396798.26   3766971.08        8.91096  (16112724)               396838.26
 3766971.08       10.62619  (16112724)
       396878.26   3766971.08       12.49266c (16011024)               396918.26
 3766971.08       14.61703c (16011024)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 123
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396958.26   3766971.08       16.66495c (16012024)               396998.26
 3766971.08       18.83863  (16121124)
        397038.26   3766971.08       20.58337  (15122324)               397078.26
 3766971.08       21.39803c (16012024)
        397118.26   3766971.08       21.33689c (16012024)               397158.26
 3766971.08       20.38959  (15122024)
        397198.26   3766971.08       19.10599c (16012024)               397238.26
 3766971.08       17.52551m (10012224)
        397278.26   3766971.08       15.79079m (10012224)               397318.26
 3766971.08       14.02893m (10012224)
        397358.26   3766971.08       12.01408c (16011024)               397398.26
 3766971.08       10.28709  (15013124)
        397438.26   3766971.08        9.19054  (16121224)               397478.26
 3766971.08        7.95141  (16121224)
        397518.26   3766971.08        6.92624  (16121224)               397558.26
 3766971.08        6.06980  (16121224)
        397598.26   3766971.08        5.35645  (16121224)               397638.26
 3766971.08        4.75802  (16121224)
        397678.26   3766971.08        4.25305  (16121224)               397718.26
 3766971.08        3.83016  (16121224)
        396558.26   3767011.08        4.11425  (16121124)               396598.26
 3767011.08        4.60906  (16121124)
        396638.26   3767011.08        5.23870  (16121124)               396678.26
 3767011.08        6.01872  (16121124)
        396718.26   3767011.08        6.98646  (16121124)               396758.26
 3767011.08        8.25947  (15122024)
        396798.26   3767011.08        9.94888  (15122324)               396838.26
 3767011.08       12.01738  (16112724)
        396878.26   3767011.08       14.87605  (16112724)               396918.26
 3767011.08       18.26650c (16011024)
        396958.26   3767011.08       22.11097  (11121924)               396998.26
 3767011.08       25.98519  (16112724)
        397038.26   3767011.08       29.01745  (15122324)               397078.26
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 3767011.08       30.32390  (15122324)
       397118.26   3767011.08       29.96887c (16012024)               397158.26
 3767011.08       28.03298  (15122024)
       397198.26   3767011.08       25.60237  (16121224)               397238.26
 3767011.08       22.88198c (16012024)
       397278.26   3767011.08       20.10760m (10012224)               397318.26
 3767011.08       17.37109m (10012224)
       397358.26   3767011.08       14.44655  (15122324)               397398.26
 3767011.08       12.01389  (10010924)
       397438.26   3767011.08       10.28790m (10012224)               397478.26
 3767011.08        8.86790  (16121224)
       397518.26   3767011.08        7.57778  (16121224)               397558.26
 3767011.08        6.54597  (16121224)
       397598.26   3767011.08        5.70908  (16121224)               397638.26
 3767011.08        5.02520  (16121224)
       397678.26   3767011.08        4.45851  (16121224)               397718.26
 3767011.08        3.99173  (16121224)
       396558.26   3767051.08        4.26127  (16121124)               396598.26
 3767051.08        4.80941  (16121124)
       396638.26   3767051.08        5.47958  (16121124)               396678.26
 3767051.08        6.35437  (16121124)
       396718.26   3767051.08        7.46745  (16121124)               396758.26
 3767051.08        8.92155  (16121124)
       396798.26   3767051.08       10.88893  (16121124)               396838.26
 3767051.08       13.70803  (15122324)
       396878.26   3767051.08       17.52412  (15122324)               396918.26
 3767051.08       23.29164  (16112724)
       396958.26   3767051.08       30.72613  (16112724)               396998.26
 3767051.08       39.54198c (16012024)
       397038.26   3767051.08       46.25113  (15122324)               397078.26
 3767051.08       47.47482  (15122324)
       397118.26   3767051.08       45.29147  (15122324)               397158.26
 3767051.08       41.16351  (15122024)
       397198.26   3767051.08       36.28097  (15122024)               397238.26
 3767051.08       31.55992  (16121224)
       397278.26   3767051.08       26.82402c (16012024)               397318.26
 3767051.08       22.14665  (15013124)
       397358.26   3767051.08       17.58711  (15013124)               397398.26
 3767051.08       14.55324  (16121324)
       397438.26   3767051.08       12.09450  (16121324)               397478.26
 3767051.08        9.86405c (16011024)
       397518.26   3767051.08        8.24995  (16121224)               397558.26
 3767051.08        7.02146  (16121224)
       397598.26   3767051.08        6.04987  (16121224)               397638.26
 3767051.08        5.27472  (16121224)
       397678.26   3767051.08        4.64858  (16121224)               397718.26
 3767051.08        4.17946  (16121124)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	4.38255m	(10012224)	396598.26	3767091.08	4.98479	(16121124)
396638.26	3767091.08	5.69324	(16121124)	396678.26	3767091.08	6.61445	(16121124)
396718.26	3767091.08	7.85910	(16121124)	396758.26	3767091.08	9.53071	(16121124)
396798.26	3767091.08	11.86795	(16121124)	396838.26	3767091.08	15.33875	(16121124)
396878.26	3767091.08	20.76022	(15122324)	396918.26	3767091.08	30.10981	(16121124)
396958.26	3767091.08	46.58124	(16121324)	396998.26	3767091.08	77.35644	(15100524)
397078.26	3767091.08	92.13244	(15122024)	397118.26	3767091.08	79.94733	(15122024)
397158.26	3767091.08	67.80492	(15122024)	397198.26	3767091.08	56.80521	(15122024)
397238.26	3767091.08	47.16766	(16121224)	397278.26	3767091.08	38.65135	(16121224)
397318.26	3767091.08	30.05890	(15013124)	397358.26	3767091.08	22.27572	(15013124)
397398.26	3767091.08	17.34066	(16121324)	397438.26	3767091.08	13.96652	(15122524)
397478.26	3767091.08	11.22159b	(11111524)	397518.26	3767091.08	9.42212	(15122524)

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       397558.26   3767091.08        7.93662m (15020724)               397598.26
3767091.08        6.53284  (16121324)
       397638.26   3767091.08        5.51623m (10012224)               397678.26
3767091.08        4.82529c (16011024)
       397718.26   3767091.08        4.27173  (15013124)               396558.26
3767131.08        4.47691c (16011024)
       396598.26   3767131.08        5.09740m (10012224)               396638.26
3767131.08        5.84339m (10012224)
       396678.26   3767131.08        6.81071  (16121124)               396718.26
3767131.08        8.11257  (16121124)
       396758.26   3767131.08        9.94791  (16121124)               396798.26
3767131.08       12.59601  (16121124)
       396838.26   3767131.08       16.68665  (15122324)               396878.26
3767131.08       23.75287  (15122324)
       396918.26   3767131.08       38.62937  (15122324)               396958.26
3767131.08       81.31877  (15100524)
       397238.26   3767131.08       85.97260  (16121224)               397278.26
3767131.08       66.40313  (16121224)
       397318.26   3767131.08       46.24538  (16121224)               397358.26
3767131.08       29.34225  (16020124)
       397398.26   3767131.08       20.54224  (15122524)               397438.26
3767131.08       15.38808  (15122524)
       397478.26   3767131.08       12.27147m (10042924)               397518.26
3767131.08        9.86737  (10112824)
       397558.26   3767131.08        8.06785m (15020724)               397598.26
3767131.08        6.81013m (10042924)
       397638.26   3767131.08        5.73461  (15013124)               397678.26
3767131.08        4.97863  (16121124)
       397718.26   3767131.08        4.39470  (15013124)               396558.26
3767171.08        4.51307c (16011024)
       396598.26   3767171.08        5.14412c (16011024)               396638.26
3767171.08        5.93793m (10012224)
       396678.26   3767171.08        6.87617m (10012224)               396718.26
3767171.08        8.11177  (12122524)
       396758.26   3767171.08       10.01300  (12122524)               396798.26
3767171.08       12.84667c (16011024)
       396838.26   3767171.08       17.21219c (16011024)               396878.26
3767171.08       25.18688c (16011024)
       396918.26   3767171.08       44.32120  (11112024)               397438.26
3767171.08       16.09355  (15121124)
       397478.26   3767171.08       12.43234b (11111524)               397518.26
3767171.08        9.89827  (15013124)
       397558.26   3767171.08        8.18521  (15013124)               397598.26
3767171.08        6.90695  (15013124)
       397638.26   3767171.08        5.89099  (15013024)               397678.26
3767171.08        5.10740  (15013024)
       397718.26   3767171.08        4.48321  (15013024)               396558.26
3767211.08        4.44805  (16121224)
       396598.26   3767211.08        5.06254  (16121224)               396638.26
3767211.08        5.82695  (16121224)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	36.51756	(15122324)	396958.26	3767211.08	64.10470	(10122324)
397438.26	3767211.08	17.10772	(16121224)	397478.26	3767211.08	13.05352	(16121224)
397518.26	3767211.08	10.11449	(11102524)	397558.26	3767211.08	8.40622	(15013024)
397598.26	3767211.08	7.04146	(16121324)	397638.26	3767211.08	6.02786c	(16011924)
397678.26	3767211.08	5.22292c	(16011924)	397718.26	3767211.08	4.59139c	(16011924)
396558.26	3767251.08	4.40681	(16121224)	396598.26	3767251.08	5.00392	(16121224)
396638.26	3767251.08	5.74648	(16121224)	396678.26	3767251.08	6.68854	(16121224)
396718.26	3767251.08	7.87034	(16121224)	396758.26			

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3767251.08        9.38765  (11112024)
       396798.26   3767251.08       11.60839m (10012224)                396838.26
3767251.08       15.14980c (16011024)
       396878.26   3767251.08       20.42506c (16011024)                396918.26
3767251.08       27.93232m (10012224)
       396958.26   3767251.08       38.88893m (10012224)                396998.26
3767251.08       53.34593  (11111924)
       397038.26   3767251.08       64.20351b (11111524)                397078.26
3767251.08       85.99646  (16103124)
       397118.26   3767251.08      139.92692  (16121224)                397318.26
3767251.08       51.23264  (12110924)
       397358.26   3767251.08       33.51663  (11062924)                397398.26
3767251.08       22.32657  (11061824)
       397438.26   3767251.08       16.79058  (15121124)                397478.26
3767251.08       13.75037  (15060124)
       397518.26   3767251.08       11.77385  (16121224)                397558.26
3767251.08        9.32414  (16121224)
       397598.26   3767251.08        7.49517m (10042924)                397638.26
3767251.08        6.07076  (10030924)
       397678.26   3767251.08        5.35795  (16102524)                397718.26
3767251.08        4.65723  (15121124)
       396558.26   3767291.08        4.70695  (11021124)                396598.26
3767291.08        4.91008  (11021724)
       396638.26   3767291.08        5.49384  (10100624)                396678.26
3767291.08        6.41942  (12122524)
       396718.26   3767291.08        7.56522  (16121224)                396758.26
3767291.08        8.94368m (10012224)
       396798.26   3767291.08       10.91001c (16011024)                396838.26
3767291.08       13.58987c (16011024)
       396878.26   3767291.08       17.58367  (10121624)                396918.26
3767291.08       22.54904  (10100624)
       396958.26   3767291.08       29.79107m (10012224)                396998.26
3767291.08       33.20097  (10100424)
       397038.26   3767291.08       34.01361  (11030824)                397078.26
3767291.08       40.98903  (15122324)
       397118.26   3767291.08       57.21832  (16103124)                397158.26
3767291.08      106.91962m (15020724)
       397278.26   3767291.08       58.32033c (15101724)                397318.26
3767291.08       43.29399  (11072924)
       397358.26   3767291.08       31.08289  (15072224)                397398.26
3767291.08       21.52072  (15042424)
       397438.26   3767291.08       16.77555  (12110924)                397478.26
3767291.08       14.28420  (15060124)
       397518.26   3767291.08       12.01849  (12082524)                397558.26
3767291.08        9.83395  (12042324)
       397598.26   3767291.08        8.30176  (15070624)                397638.26
3767291.08        7.24520  (15121424)
       397678.26   3767291.08        5.76805  (16121224)                397718.26
3767291.08        4.66757  (10030924)
       396558.26   3767331.08        5.29709  (11042524)                396598.26
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 3767331.08        5.71795  (15021724)
       396638.26   3767331.08        6.22336  (15021724)                396678.26
 3767331.08        6.09992  (11021724)
       396718.26   3767331.08        7.14004  (11112024)                396758.26
 3767331.08        8.40904c (16011024)
       396798.26   3767331.08        9.95393c (16011024)                396838.26
 3767331.08       12.06392  (10122324)
       396878.26   3767331.08       15.02792  (10100624)                396918.26
 3767331.08       19.66025  (11032824)
       396958.26   3767331.08       23.50888b (11111524)                396998.26
 3767331.08       27.60976  (10100424)
       397038.26   3767331.08       27.67010m (10102024)                397078.26
 3767331.08       30.54597  (11031724)
       397118.26   3767331.08       36.48555  (10102324)                397158.26
 3767331.08       47.09247  (10092224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 126
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08       53.03064  (10100324)                397238.26
 3767331.08       49.49573  (16040824)
       397278.26   3767331.08       43.15771  (15101424)                397318.26
 3767331.08       35.74000  (11090224)
       397358.26   3767331.08       27.89377  (16101624)                397398.26
 3767331.08       21.03564  (11060924)
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       397438.26   3767331.08       17.29830  (12082524)                397478.26
3767331.08       14.66003  (15042424)
       397518.26   3767331.08       11.91894  (15072924)                397558.26
3767331.08       10.12923  (15060124)
       397598.26   3767331.08        8.87954  (12082524)                397638.26
3767331.08        7.94919  (12110924)
       397678.26   3767331.08        6.53468  (15111524)                397718.26
3767331.08        5.17892  (15121424)
       396558.26   3767371.08        5.18190  (11111824)                396598.26
3767371.08        5.57648  (15021724)
       396638.26   3767371.08        5.55689m (10050224)                396678.26
3767371.08        5.79054  (10121624)
       396718.26   3767371.08        6.75988m (10012224)                396758.26
3767371.08        7.75150c (16011024)
       396798.26   3767371.08        9.00716c (16011024)                396838.26
3767371.08       10.63900c (15101924)
       396878.26   3767371.08       12.87638  (10111924)                396918.26
3767371.08       16.99237  (10121624)
       396958.26   3767371.08       19.76107  (10101924)                396998.26
3767371.08       23.16291  (10121624)
       397038.26   3767371.08       23.01955  (11031724)                397078.26
3767371.08       24.14887  (11031724)
       397118.26   3767371.08       27.78883  (16121124)                397158.26
3767371.08       30.19093  (11031724)
       397198.26   3767371.08       34.17556m (15082524)                397238.26
3767371.08       35.33701m (15121024)
       397278.26   3767371.08       32.69455  (15101624)                397318.26
3767371.08       29.47504  (11042024)
       397358.26   3767371.08       25.39366  (11090224)                397398.26
3767371.08       20.59723m (12050124)
       397438.26   3767371.08       17.39595  (11060924)                397478.26
3767371.08       14.75129  (15052924)
       397518.26   3767371.08       12.81256  (11060924)                397558.26
3767371.08       11.02821  (15042424)
       397598.26   3767371.08        9.39028  (15052924)                397638.26
3767371.08        8.27170  (15072924)
       397678.26   3767371.08        7.38385  (15060124)                397718.26
3767371.08        6.27992  (12082524)
       396558.26   3767411.08        4.93110  (10121624)                396598.26
3767411.08        5.12222  (11020624)
       396638.26   3767411.08        5.06538m (15020724)                396678.26
3767411.08        5.47875  (10121624)
       396718.26   3767411.08        6.29212m (10012224)                396758.26
3767411.08        7.14752  (10100524)
       396798.26   3767411.08        8.16732  (11112024)                396838.26
3767411.08        9.41800c (15101924)
       396878.26   3767411.08       11.00624  (11032824)                396918.26
3767411.08       13.94735  (11013024)
       396958.26   3767411.08       17.09146  (11013024)                396998.26
3767411.08       18.71672m (10060524)
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       397038.26   3767411.08       18.60797  (10101724)                397078.26
 3767411.08       19.60594  (11020424)
       397118.26   3767411.08       21.45768  (11031724)                397158.26
 3767411.08       23.77417  (10082624)
       397198.26   3767411.08       26.43971  (10092224)                397238.26
 3767411.08       27.34466  (15061924)
       397278.26   3767411.08       26.07721m (15082524)                397318.26
 3767411.08       24.25634  (16072824)
       397358.26   3767411.08       22.34213  (11042024)                397398.26
 3767411.08       18.84289  (16091124)
       397438.26   3767411.08       16.92436m (12050124)                397478.26
 3767411.08       14.68985m (12050124)
       397518.26   3767411.08       12.83957  (16091124)                397558.26
 3767411.08       11.39757  (15052924)
       397598.26   3767411.08       10.13238  (11060924)                397638.26
 3767411.08        8.89791  (12110924)
       397678.26   3767411.08        7.63866  (15052924)                397718.26
 3767411.08        7.08104  (16121224)
       396558.26   3767451.08        4.83770  (11020324)                396598.26
 3767451.08        4.94285m (10050224)
       396638.26   3767451.08        4.74317m (15020724)                396678.26
 3767451.08        5.21632  (16121124)
       396718.26   3767451.08        5.83674  (16121324)                396758.26
 3767451.08        6.53060  (10122324)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 127
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
 -
        396798.26   3767451.08   7.33625 (10121624)   396838.26
 3767451.08   8.36542 (15122324)
        396878.26   3767451.08   9.72238 (11032824)   396918.26
 3767451.08   11.78277 (10041124)
        396958.26   3767451.08   14.94927 (10101924)   396998.26
 3767451.08   16.83226m (10012224)
        397038.26   3767451.08   17.27036 (11020424)   397078.26
 3767451.08   17.41451 (11031724)
        397118.26   3767451.08   18.44511 (11020424)   397158.26
 3767451.08   19.50478 (10082624)
        397198.26   3767451.08   21.46698 (10091424)   397238.26
 3767451.08   22.42635 (16072424)
        397278.26   3767451.08   21.89400m (15121024)   397318.26
 3767451.08   20.05888b (11101124)
        397358.26   3767451.08   19.17157 (15101624)   397398.26
 3767451.08   16.81592m (12050124)
        397438.26   3767451.08   15.47344 (15101624)   397478.26
 3767451.08   14.27185 (12050324)
        397518.26   3767451.08   12.76807 (16061324)   397558.26
 3767451.08   11.39517 (15060724)
        397598.26   3767451.08   10.28366 (15052924)   397638.26
 3767451.08   9.28929 (15052924)
        397678.26   3767451.08   8.24587 (15072924)   397718.26
 3767451.08   7.41505 (12110924)
        396558.26   3767491.08   4.66228 (11020324)   396598.26
 3767491.08   4.66819 (11020624)
        396638.26   3767491.08   5.01103 (15021724)   396678.26
 3767491.08   5.62366 (10072124)
        396718.26   3767491.08   5.72840 (10100624)   396758.26
 3767491.08   5.96387 (15122324)
        396798.26   3767491.08   6.63084 (10121624)   396838.26
 3767491.08   7.39655c (15101924)
        396878.26   3767491.08   8.39101m (10012224)   396918.26
 3767491.08   10.20245 (10041124)
        396958.26   3767491.08   12.85401 (10101724)   396998.26
 3767491.08   15.23676 (10101924)
        397038.26   3767491.08   15.33201 (10053124)   397078.26
 3767491.08   15.67867 (16061124)
        397118.26   3767491.08   15.86805 (11031724)   397158.26
 3767491.08   16.47700 (10101524)
        397198.26   3767491.08   18.11333m (16123124)   397238.26
 3767491.08   19.01713 (10082624)
        397278.26   3767491.08   18.73319 (10080224)   397318.26
 3767491.08   17.48675 (15042124)
        397358.26   3767491.08   16.53141b (11101124)   397398.26
 3767491.08   15.17363 (16101624)
        397438.26   3767491.08   14.08092m (12050124)   397478.26

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 3767491.08       13.03972  (15101624)
       397518.26   3767491.08       12.13310  (16061324)                397558.26
 3767491.08       11.14157  (15042424)
       397598.26   3767491.08       10.32476m (12050124)                397638.26
 3767491.08        9.32800  (15060724)
       397678.26   3767491.08        8.37177  (15060724)                397718.26
 3767491.08        7.75739  (15052924)
       396558.26   3767531.08        4.55805  (11020624)                396598.26
 3767531.08        4.82842  (11020624)
       396638.26   3767531.08        5.23604  (11032824)                396678.26
 3767531.08        5.94380b (11111524)
       396718.26   3767531.08        5.99177  (11013024)                396758.26
 3767531.08        5.41869  (10121624)
       396798.26   3767531.08        5.97153  (15122324)                396838.26
 3767531.08        6.58081m (10012224)
       396878.26   3767531.08        7.40883  (11013024)                396918.26
 3767531.08        8.71543  (10041124)
       396958.26   3767531.08       11.01241  (10101724)                396998.26
 3767531.08       13.10311m (10102024)
       397038.26   3767531.08       13.99478  (10053124)                397078.26
 3767531.08       14.34754  (10101524)
       397118.26   3767531.08       14.11488  (10061124)                397158.26
 3767531.08       14.28540  (16072424)
       397198.26   3767531.08       15.51934  (10082624)                397238.26
 3767531.08       16.50199  (10100224)
       397278.26   3767531.08       16.28959  (16072424)                397318.26
 3767531.08       15.59769m (12120224)
       397358.26   3767531.08       14.51186  (16103024)                397398.26
 3767531.08       13.60790  (10112024)
       397438.26   3767531.08       12.37706  (15101624)                397478.26
 3767531.08       11.69144  (11042024)
       397518.26   3767531.08       11.16468  (16072724)                397558.26
 3767531.08       10.49946  (16061324)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 128
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
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, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	10.05313m	(15070224)	397638.26	3767531.08	9.23223m	(15070224)
397678.26	3767531.08	8.38611	(15060724)	397718.26	3767531.08	7.62666	(16091124)
397320.82	3767219.11	66.99046c	(16012024)	397330.82	3767209.11	59.93260c	(16012024)
397340.82	3767189.11	54.84653c	(16011024)	397340.82	3767199.11	52.38758	(16121124)
397340.82	3767209.11	49.76251c	(16012024)	397350.82	3767189.11	44.30107	(15122324)
397350.82	3767199.11	43.40652	(15122324)	397360.82	3767189.11	37.27893	(16121124)
397360.82	3767199.11	36.76875	(15102324)	397370.82	3767189.11	31.99417	(16121124)
397380.82	3767189.11	28.58198	(15013124)	396934.73	3767169.52	64.04112	(15100524)
397014.53	3767229.60	105.08622c	(16012024)	397044.10	3767223.97	140.29351	(16121224)
397113.57	3767239.93	151.28447c	(15101924)	397158.63	3767280.29	124.25182c	(16012024)
397168.95	3767307.05	77.57099	(10121624)	397244.05	3767296.72	81.72898	(16103124)
397260.95	3767278.88	86.46388	(16103124)	397409.74	3767205.66	21.03097	(16102524)
397422.89	3767189.23	18.44349	(16102524)	397426.64	3767180.78	17.92248b	(11111524)
397420.54	3767170.46	18.52453	(16121324)	397318.68	3767160.13	77.02453	(15013124)
397022.98	3767083.62	81.47530	(15122024)	396920.42	3767167.32	46.30074	(15122324)
396989.95	3767243.54	56.91568	(15122324)	397044.10	3767223.97	140.29351	(16121224)
397113.57	3767239.93	151.28447c	(15101924)	397158.63	3767280.29	124.25182c	(16012024)
397168.95	3767307.05	77.57099	(10121624)	397244.05	3767296.72	81.72898	(16103124)
397260.95	3767278.88	86.46388	(16103124)	397409.74	3767205.66	21.03097	(16102524)

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

                                   ** CONC OF PM-10   IN MICROGRAMS/M**3
             **

                       NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

GENERATO 1ST HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          2ND HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          3RD HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          4TH HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          5TH HIGHEST VALUE IS   0.50249 AT (397118.26, 3767251.08,
113.68,   187.57,   2.00) DC
          6TH HIGHEST VALUE IS   0.49930 AT (397238.26, 3767331.08,
123.96,   149.01,   2.00) DC
          7TH HIGHEST VALUE IS   0.49256 AT (397198.26, 3767331.08,
125.94,   149.01,   2.00) DC
          8TH HIGHEST VALUE IS   0.48956 AT (397158.26, 3767291.08,
115.43,   188.90,   2.00) DC
          9TH HIGHEST VALUE IS   0.45422 AT (397158.26, 3767331.08,
126.82,   142.19,   2.00) DC
         10TH HIGHEST VALUE IS   0.45146 AT (397244.05, 3767296.72,
118.15,   188.90,   2.00) DC

AREA   1ST HIGHEST VALUE IS   102.74567 AT (397113.57, 3767239.93,

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112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     102.74567 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      93.73616 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.45064 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.70053 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.36278 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC

ALL       1ST HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      94.23865 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.94021 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.82512 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.66837 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40
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*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	NETWORK CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	HIGH 1ST HIGH VALUE IS	3.51327	ON 15111624:	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	HIGH 8TH HIGH VALUE IS	2.04294	ON 11121224:	AT (396998.26, 3767091.08, 105.38, 142.19, 2.00)	DC	
AREA	HIGH 1ST HIGH VALUE IS	159.36676	ON 16121124:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	HIGH 8TH HIGH VALUE IS	150.52428c	ON 15101924:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
ALL	HIGH 1ST HIGH VALUE IS	159.36676	ON 16121124:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	HIGH 8TH HIGH VALUE IS	151.28447c	ON 15101924:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

```
 A Total of            0 Fatal Error Message(s)
 A Total of           72 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2020       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2020       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732     528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010012224
 CN W732    1560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030624
 CN W732    1584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030724
 CN W732    2688         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042224
 CN W732    2712         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042324
 CN W732    2736         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042424
 CN W732    2760         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042524
 CN W732    2784         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042624
 CN W732    2808         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042724
 CN W732    2832         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042824
 CN W732    2856         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042924
 CN W732    2880         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010043024
 CN W732    2904         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050124
 CN W732    2928         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050224
 CN W732    3384         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010052124
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 CN W732    3744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010060524
 CN W732    5976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090624
 CN W732    6024         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090824
 CN W732    8184         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010120724
 CN W732    8352         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010121424
 CN W732    8640         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010122624
 CN W732    8952         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010824
 CN W732    8976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010924
 CN W732    9504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011013124
 CN W732    9528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011020124
 CN W732   10200         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011030124
 CN W732   11088         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040724
 CN W732   11112         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040824
 CN W732   11136         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040924
 CN W732   11160         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011041024
 CN W732   12648         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061124
 CN W732   12672         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061224
 CN W732   12696         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061324
 CN W732   12720         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061424
 CN W732   12744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061524
 CN W732   13680         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072424
 CN W732   13704         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072524
 CN W732   13728         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072624
 CN W732   15432         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100524
 CN W732   15456         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100624
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 CN W732   15480         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100724
 CN W732   16128         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011110324
 CN W732   16416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011111524
 CN W732   16584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112224
 CN W732   16608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112324
 CN W732   19896         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012040824
 CN W732   20472         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012050224
 CN W732   20904         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052024
 CN W732   20928         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052124
 CN W732   20952         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052224
 CN W732   20976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052324
 CN W732   21024         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052524
 CN W732   23016         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012081624
 CN W732   24072         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012092924
 CN W732   24096         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012093024
 CN W732   25560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012113024
 CN W732   25584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120124
 CN W732   25632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120324
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap
 CN W732   27216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015020724
 CN W732   29424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015051024
 CN W732   30696         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015070224
 CN W732   35064         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015123124
 CN W732   36816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031324
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 CN W732   36840         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031424
 CN W732   40416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081024
 CN W732   40512         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081424
 CN W732   40632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081924
 CN W732   43848         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016123124

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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Attachment E: Energy Calculations

Construction Fuel Consumption

On-Site Diesel[1] (off-road construction Equipment)	$MTCO_2e$	Gallons of Fuel[4]	County Fuel in 2027 (Start of Construction)	Percent
Demolition	69	6,758		
Site Preparation/Grading	116	11,413		
Building Construction	103	10,128		
Paving	65	6,428		
Architectural Coating	4	395		
Total	356	35,122	4,129,527,647	0.0009%

Off-Site Diesel[1] (on-road construction trips)				
Demolition	81	8,017		
Site Preparation/Grading	787	77,537		
Building Construction	138	13,619		
Paving	87	8,578		
Architectural Coating	0	0		
Total	1,094	107,751	4,129,527,647	0.0026%
Off-Site Gasoline[2]				
Demolition	4	458		
Site Preparation/Grading	7	745		
Building Construction	109	12,428		
Paving	2	214		
Architectural Coating	12	1,365		
Total	134	15,211	4,129,744,580	0.0004%

Total Diesel Fuel		142,873	4,129,527,647	0.0035%
Total Gasoline Fuel		15,211	4,129,744,580	0.0004%
Total Construction Fuel	1,584	158,084		

Construction Phase[3]	Phase 1 Demolition			Phase 1 Site Preparation			Phase 1 Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	69	81	4	58	0	3	57	774	4
2026	0	0	0	0	0	0	1	13	0
2027	0	0	0	0	0	0	0	0	0
Total	69	81	4	58	0	3	58	787	4

Construction Phase[3]	Phase 1 Building Construction and Utilities (2026)			Phase 2 Interior Construction (2027)			Phase 1 Paving (2026)		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	0	0	0	0	0	0	0	0	0
2026	38	51	41	0	0	0	14	0	2
2027	0	0	0	65	87	69	0	0	0
Total	38	51	41	65	87	69	14	0	2

Construction Phase[3]	Phase 2 Architectural Coating		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	0	0	0
2026	0	0	0
2027	4	0	12
Total	4	0	12

Notes:

[1] Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

[2] Fuel used for worker trips assumed to be gasoline.

[3] $MTCO_2e$ rates from CalEEMod (3.0 Construction Emissions Details).

[4] For CO2e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Construction Water Energy

Daily Soil Disturbance[1]	56.0	acres
Days of Soil Disturbance[2]	68	days
Water Concentration[3]	3,020	gallons/acre
Water Energy Intensity[4]	6,807	kWh/MG
Total Construction Water	11.50	million gallons
Construction Water Energy	78,282	kWh
	0.0783	GWh
Los Angeles County Annual Electricity	68,485	GWh
Percentage Increase	0.000%	
	78.28	MWh
	68,484,956.28	MWh

Notes:

[1] Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Emissions Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

[2] Number of days of construction with soil-disturbing equipment per CalEEMod (5.1 Construction Schedule).

[3] Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

[4] Water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32.

Operational Fuel

Vehicle Type	Percent	Annual VMT[1]	MPG[2]	Annual Fuel (Gallons)	Fuel Type	Los Angeles County Gallons[3]	RS Percent
Passenger Cars	0.941	219,715	21.6	10,172	Gas	3,369,809,065	0.0003%
Light/Medium Trucks	0.050	11,624	17.2	676	Diesel	535,939,687	0.0001%
Heavy Trucks/Other	0.009	2,088	6.1	342	Diesel	535,939,687	0.0001%
Total	1.00	233,427		1,018			0.0002%

Land Use[5]	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
General Office Building	49.328	4.2329	24.0235	2.2009	14.3400	2.6967	0.6925	1.1011	0.0845	0.0619	0.0649	0.2781	0.8945

Notes:

[1] Total annual operational VMT based on annual VMT from CalEEMod (5.9 Operational Mobile Sources).

[2] Average fuel economy derived from Department of Transportation.

[3] Total annual county fuel per EMFAC 2021 model of projected operational fuel usage.

Operational Water Energy

UNMITIGATED			
Unmitigated Indoor	8.8	million gallons	
Indoor Energy Intensity Factor[1]	6,807	kWh/MG	
Unmitigated Outdoor	0	million gallons	
Outdoor Energy Intensity Factor[2]	6,807	kWh/MG	
Operational Water Energy	61,357	kWh	
Operational Water Energy	0.0614	GWh	
Los Angeles County Annual Electricity	68,485	GWh	
Percentage Increase	0.0001%		
MITIGATED			
Mitigated Indoor	8.8	million gallons	
Indoor Energy Intensity Factor[1]	6,807	kWh/MG	
Mitigated Outdoor	0	million gallons	
Outdoor Energy Intensity Factor[2]	6,807	kWh/MG	
Operational Water Energy	61,357	kWh	
Operational Water Energy	0.0614	GWh	
Los Angeles County Annual Electricity	68,485	GWh	
Percentage Increase	0.0001%		

Land Use[3]	Unmitigated (gal/year)		Mitigated (gal/year)	
	Indoor	Outdoor	Indoor	Outdoor
General Office Building	7744570	218065	7744570	218065
Parking Lot	0	0	0	0
General Office Building (Proxy to substation)	1051200	0	1,051,200	0
Total Operational Water (MG/year)	8.796	0.218	8.796	0

Notes:

[1] Indoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, distribution, and wastewater.

[2] Outdoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, and distribution.

[3] Operational water use values per CalEEMod (5.12 Operational Water and Wastewater Consumption).

Electricity/Natural Gas Energy

UNMITIGATED			
	Unmitigated Project Annual Energy	Los Angeles County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	438,014,593	68,484,956,280	0.6396%
Electricity (GWh/yr)	438.0146	68,485	0.6396%
Natural Gas (kBTU/yr)	0	282,028,593,500	0.0000%
Natural Gas (therms/yr)	0	2,820,285,935	0.0000%
MITIGATED			
	Mitigated Project Annual Energy	Los Angeles County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	0	68,484,956,280	0.0000%
Electricity (GWh/yr)	0.0000	68,485	0.0000%
Natural Gas (kBTU/yr)	0	282,028,593,500	0.0000%
Natural Gas (therms/yr)	0	2,820,285,935	0.0000%

Land Use	Electricity[1] (kWh/yr)		Natural Gas[2] (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
General Office Building	437991240	0	0	0
Parking Lot	23353.04	0	0	0
Total Energy	438,014,593	0	0	0

Notes:

[1] Electricity use per CalEEMod (5.11 Operational Energy Consumption).

[2] Natural Gas use per CalEEMod (5.11 Operational Energy Consumption).

[3] County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov. (year 2022)

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Attachment F: Noise Data

Saturn Data Center - Modeled Receptor Locations

Signs and symbols

- Proposed Data Center Building
- Water Tanks
- Receiver

1 : 3098

0 15 30 60 90 120 m

Saturn Data Center - SoundPLAN Receptor Results

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
1	1	-	1.Fl	-	-	-	-	52.0	52.0	58.4	0.0	-	-	-	-
2	2	-	1.Fl	-	-	-	-	51.9	51.9	58.3	0.0	-	-	-	-
3	3	-	1.Fl	-	-	-	-	50.8	50.8	57.2	0.0	-	-	-	-
4	4	-	1.Fl	-	-	-	-	50.2	50.2	56.6	0.0	-	-	-	-
5	5	-	1.Fl	-	-	-	-	50.9	50.9	57.3	0.0	-	-	-	-
6	6	-	1.Fl	-	-	-	-	48.8	48.8	55.2	0.0	-	-	-	-
7	7	-	1.Fl	-	-	-	-	41.3	41.3	47.7	0.0	-	-	-	-
8	8	-	1.Fl	-	-	-	-	35.6	35.6	42.0	0.0	-	-	-	-
9	9	-	1.Fl	-	-	-	-	49.3	49.3	55.7	0.0	-	-	-	-
10	10	-	1.Fl	-	-	-	-	45.9	45.9	52.3	0.0	-	-	-	-
11	11	-	1.Fl	-	-	-	-	40.5	40.5	46.9	0.0	-	-	-	-
12	12	-	1.Fl	-	-	-	-	48.6	48.6	55.0	0.0	-	-	-	-
13	13	-	1.Fl	-	-	-	-	46.5	46.5	52.9	0.0	-	-	-	-
14	14	-	1.Fl	-	-	-	-	43.6	43.6	50.0	0.0	-	-	-	-
15	15	-	1.Fl	-	-	-	-	45.0	45.0	51.4	0.0	-	-	-	-
16	16	-	1.Fl	-	-	-	-	43.7	43.7	50.1	0.0	-	-	-	-

Saturn Data Center - Operational Noise Contours

Signs and symbols

- 16-Foot-High Screening Wall
- Proposed Data Center Building
- Water Tanks
- Point Source - RTU/Chiller/ Generator/DOAS/Substation Transformer

Levels in dB(A)

< 45
45 - 48
48 - 51
51 - 54
54 - 57
57 - 60
60 - 63
63 - 66
>= 66

1 : 2705

0 12.5 25 50 75 100 m

N

Mechanical Equipment Matrix						
Equipment Type	**Tag**	**Make**	**Model**	**Cutsheet (Y/N)**	**Assumed Load**	**Primary/Redundant**
Chiller	CH-DH01-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH01-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH01-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH01-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH02-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH02-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH02-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH02-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH03-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH03-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH03-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH03-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH04-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH04-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH04-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH04-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH05-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH05-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH05-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH05-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH06-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH06-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH06-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH06-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
Roof Top Unit	RTU-1	Trane		Y	100%	Primary
	RTU-2	Trane		Y	100%	Primary
	RTU-ELEC-01	Trane		Y	100%	Primary
	RTU-ELEC-02	Trane		Y	0%	Redundant
	RTU-ELEC-03	Trane		Y	100%	Primary
	RTU-ELEC-04	Trane		Y	0%	Redundant
	RTU-ELEC-05	Trane		Y	100%	Primary
	RTU-ELEC-06	Trane		Y	0%	Redundant
	RTU-ELEC-07	Trane		Y	100%	Primary
	RTU-ELEC-08	Trane		Y	0%	Redundant
	RTU-ELEC-09	Trane		Y	100%	Primary
	RTU-ELEC-10	Trane		Y	0%	Redundant
	RTU-ELEC-11	Trane		Y	100%	Primary
	RTU-ELEC-12	Trane		Y	0%	Redundant
	RTU-ELEC-13	Trane		Y	100%	Primary
	RTU-ELEC-14	Trane		Y	0%	Redundant
	RTU-ELEC-15	Trane		Y	100%	Primary
	RTU-ELEC-16	Trane		Y	0%	Redundant
	RTU-ELEC-17	Trane		Y	100%	Primary
	RTU-ELEC-18	Trane		Y	0%	Redundant
	RTU-ELEC-19	Trane		Y	100%	Primary
	RTU-ELEC-20	Trane		Y	0%	Redundant
	RTU-ELEC-21	Trane		Y	100%	Primary
	RTU-ELEC-22	Trane		Y	0%	Redundant
	RTU-MMR-1	Trane		Y	100%	Primary
	RTU-MMR-2	Trane		Y	0%	Redundant
DOAS Unit	DOAS-1	Trane	Horizon OAD/N	Y	100%	Primary
	DOAS-2	Trane	Horizon OAD/N	Y	0%	Redundant

XN CHILLER	Water-Less Chiller Rating Data	Base Unit Model	XN-C4-RL35-2000-2C-VI-24F-LC-FC
		Software Version	1.3.3.0
		Creation Date	2025-07-07
Region: CA	Unit Tag:	Qty: 24	Project: StratCap

Unit Overview	
Model Number	XN-C4-RL35-2000-2C-VI-24F-LC-FC
Vintage	A
Compressor Type	RL35
Number of Compressors	4
Number of Ref. Circuits	2
Refrigerant/ Safety Group/ GWP	R513A-A1-573

Cooling/ Heating Performance	
Selection Mode	Cooling
Rated Net Capacity [ton.R]	522.008
Heat Rejection Capacity [ton.R]	682.166
Full Load Eff. [kW/Ton]	1.092
Part Load Efficiency NPLV [kW/Ton]	0.433
Part Load Efficiency IPLV [kW/Ton]	0
A-Weighted Sound Pressure Level [dBA]	NA

Electrical Information	
Power Supply	460/3/60
Total Power Input [kW]	569.887
Standby Power [Watts]	0.250
Run Load Current [A]	701.0
Minimum Circuit Ampacity [A]	1140.0
Maximum Over-current Protection [A]	1380.0
Recommended Fuse/ Breaker Size [A]	1200

Weight and Dimensional Information	
Refrigerant Charge [lb]	1496.125
Dry Weight [lb]	See Cert Dwg.
Operating Weight [lb]	See Cert Dwg.
Dimensions (LxWxH) [in.]	615.5 x 91.0 x 99.3

Typical Unit for Display Purposes Only

Unit Options	
Option 1	Thermal Siphon - Free Cooling
Option 2	Economizer - Brazed Plate
Option 3	
Option 4	
Option 5	
Option 6	
Option 7	

Heat Exchanger Design Conditions

Evaporator		Condenser	
Evaporator Model	FLS254-173-2-0.75	Condenser Model	275-12-0.375-50-80
Fluid Type	Water	Condenser Fans	24
Entering Fluid Temperature [°F]	74.000	Entering Air Temperature [°F]	118.000
Leaving Fluid Temperature [°F]	60.000	Air Off Temperature °est [°F]	139.40
Fluid Flow Rate [gpm]	892.314	Fan Percent Flow [%]	79.6
Fouling Factor [$h \cdot ft^2 \cdot {}^\circ F/Btu$]	0.0000	Elevation	305.0
Number of Passes	2	Percent Maximum Power [%]	73.0
Tube Velocity [ft/sec]	6.810	Fan Power [kW]	33.954
Fluid Pressure Loss [psi]	12.371	Total Air-Flow [cfm]	388990.700
Minimum Flow Rate [gpm]	429.908	Saturation Temp [°F]	144.211
Maximum Flow Rate [gpm]	1289.724	Subcooling Temp [°F]	8.428
Heat Exchanger Type	Shell & Tube	Percent Compr Speed	93.1
Insulation Type	3/4" Vinyl Coated	Compressor Amps [A]	175.2

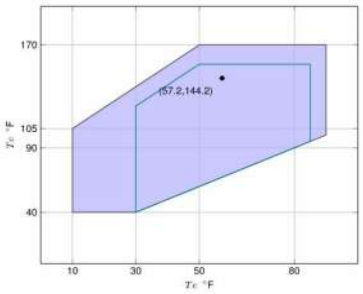
Notes:

XN CHILLER	Water-Less Chiller Rating Data	Base Unit Model	XN-C4-RL35-2000-2C-VI-24F-LC-FC
		Software Version	1.3.3.0
		Creation Date	2025-07-07
Region: CA	Unit Tag:	Qty: 24	Project: StratCap

Unit Part Load Performance At Constant Entering Air Temperature

Percent Cool Load	Net Evap. Cap. [ton.R]	Cond. Cap. [ton.R]	Total Power [kW]	Cool Eff. [kW/Ton]	Evap Ent Fluid Temp [°F]	Evap Lvg Fluid Temp [°F]	Evap Fluid Flow [gpm]	Cond Air On Tmp [°F]	Cond Air Flow [cfm]	Num Compr On [#]
100	522.008	682.166	569.887	1.092	74.000	60.000	892.314	118.000	388991	4
90	469.807	610.342	500.474	1.065	72.600	60.000	892.314	118.000	374142	4
80	417.606	536.373	423.373	1.014	71.200	60.000	892.314	118.000	357611	4
70	365.406	466.975	361.455	0.989	69.800	60.000	892.314	118.000	340693	4
60	313.205	399.546	306.879	0.980	68.400	60.000	892.314	118.000	278632	3
50	261.004	331.542	249.616	0.956	67.000	60.000	892.314	118.000	261269	3
40	208.803	263.659	193.742	0.928	65.600	60.000	892.314	118.000	278961	2
30	156.602	197.886	145.933	0.932	64.200	60.000	892.314	118.000	252326	2
20	104.402	131.830	96.996	0.929	62.800	60.000	892.314	118.000	139481	1
10	52.201	68.382	57.396	1.100	61.400	60.000	892.314	118.000	110875	1

Outside the scope of AHRI Air-Cooled Water-Chilling Packages Certification Program, but is rated in accordance with AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI).



XN CHILLER recommends that the full load operating condition have a minimum of 5.56°C (10°F) margin from any boundary condition. Seek factory guidance for operation outside of the teal polygon. Unloading at lifts greater than 45°C (81°F) should be verified by a factory sales engineer and reviewed with the engineer of record prior to final selection of equipment.

From: Terry Connor <TerryC@mjec.com>
Sent: Monday, July 21, 2025 9:26 AM
To: Jordan Block
Subject: RE: StratCap Data Center Chiller Selections

Jordan –

Just got this Sound Data on the 24-Fan air-cooled chillers for StratCap – see below:

Here is the sound data:
LwL is the linear sound power level per octave band and overall
LwA is A-Weighted sound power level per octave band and overall
LpL is the linear sound pressure at a distance of 2.5 meters per octave band and overall
LpA is the A-Weighted sound pressure level at a distance of 2.5 meters per octave band and overall

	CFM	63	125	250	500	1000	2000	4000	8000	Total	Lp @2.5m
LwL ea.	15768	79	75	75	76	77	79	78	70	86	78
LwL - 24 fans	15768	93	89	89	90	91	93	92	84	100	92
LwA - ea.	15768	53	59	66	73	77	78	77	71	83	75
LwA - 24 fans	15768	67	73	80	87	91	92	91	85	97	89

TRANE

Project Name: **StratCap** Tag: **DOAS-1**

Comments:

Unit Information

Model:	Horizon™ (OAD/N Rev6 - OADG/OANG)	Unit Length:	175 in	Weight Operating:	4482 lb*
Size:	D020	Unit Width:	95 in	*Note: Weight does not include CURB weight. See CURB submittal for actual*	
Quantity:	1	Unit Height:	68 in	**Refrigerant Charge - R-454B**	
Supply Airflow:	5,500 CFM	Elevation:	0 ft	Circuit 1:	32.8 lbs
Outside Airflow:	5,500 CFM	Ambient Air DB:	115 F		
Minimum Airflow:	1446 CFM				

Cooling Performance

Gross Total Capacity:	212.7 MBh	Evaporator Face Area:	14.76 sq ft
Gross Sensible Capacity:	208.3 MBh	Evaporator Rows / FPI:	6 / 14
Net Total Capacity:	203.2 MBh	Condenser Face Area:	30 sq ft
Net Sensible Capacity:	198.8 MBh	Condenser Rows / FPI:	5 / 13
Entering Air DB / WB (Coil):	91 / 67.6 F	Air Velocity:	372 fpm
Leaving Air DB / WB (Coil):	54.9 / 54.5 F	Coil Air PD:	0.21 in H2O
Leaving Air DB / WB (Reheat):	75 / 62.15 F	EER:	15.4
Leaving Air DB / WB (Unit):	76.9 / 62.8 F	Watts:	27263
Leaving DP:	54 F	MRE:	2.81 lb/kWh
MRC:	76.66 lb/h		

Heating Performance

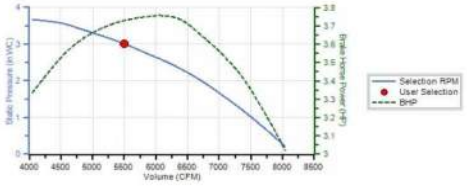
Heat Type:	Electric Heat		
Capacity	20 kW	Voltage-Ph-Hz:	460-3-60
Entering Air DB:	61.2 F	Coil Air PD:	0.02 in H2O
Leaving Air DB:	72.7 F		

Energy Recovery Wheel ERC-5262C

** TAB Outside airflow through OA Intake to this value

Summer Conditions				Winter Conditions			
Ventilation Supply		**Outside**		**Ventilation Supply**		**Outside**	
Airflow:	5,500 CFM	Airflow:	5,760 CFM**	Airflow:	5,500 CFM	Airflow:	5,760 CFM**
DB:	91.0 F	DB:	115.0 F	DB:	61.2 F	DB:	34.0 F
WB:	67.6 F	WB:	78.0 F	WB:	53.4 F	WB:	30.0 F
PD:	0.79 in H20			PD:	0.79 in H20		
Return		**Exhaust**		**Return**		**Exhaust**	
Airflow:	5,500 CFM	Airflow:	5,760 CFM	Airflow:	5,500 CFM	Airflow:	5,760 CFM
DB:	80.0 F	DB:	103.2 F	DB:	75.0 F	DB:	47.4 F
WB:	61.5 F	WB:	73.1 F	WB:	63.0 F	WB:	43.6 F
ESP:	1.00 in H20	ERV PD:	0.79 in H20	ESP:	1.00 in H20	ERV PD:	0.79 in H20
Total Capacity:	215.95 MBH	Eff:	66.0%	Total Capacity:	278.74 MBH	Eff:	65.0%
Sensible Capacity:	134.61 MBH	Eff:	68.0%	Sensible Capacity:	161.06 MBH	Eff:	67.0%
Latent Capacity:	81.33 MBH	Eff:	64.0%	Latent Capacity:	117.66 MBH	Eff:	63.0%
Enthalpy Recovery Ratio:	66.0%			Enthalpy Recovery Ratio:	63.0%		
Sensible Recovery Ratio:	68.0%			Sensible Recovery Ratio:	65.0%		

Supply Fan ANPA 20



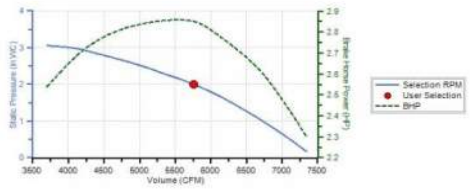
Supply Pressure Drop Summary

External Static Pressure:	1.50 in H2O
Cabinet:	0.01 in H2O
Cooling Coil:	0.21 in H2O
Base Filter:	0.01 in H2O
Filter:	0.28 in H2O
Primary Heat:	0.02 in H2O
HGRH:	0.06 in H2O
ERV OA:	0.79 in H2O
Outdoor:	0.12 in H2O
Total Static Pressure:	3.00 in H2O

Supply Fan Conditions

Fan Motor BHP:	3.73 BHP
Operating RPM:	1714 RPM
Minimum RPM:	451 RPM

Exhaust Fan ANPA 20



Exhaust Pressure Drop Summary

Return External Static Pressure:	1 in H2O
ERV Return Filter PD:	0.2 in H2O
ERV Wheel PD:	0.79 in H2O
Total Exhaust Static Pressure	1.99 in H2O

Exhaust Fan Conditions

Fan Motor BHP:	2.85 BHP
Operating RPM:	1565 RPM

Standard Radiated Sound Power Level (dBA)

63	125	250	500	1000	2000	4000	8000	Total dBA
50.1	60.1	67.7	72.6	72.8	72.3	73.9	69.2	79.8

Sound power levels are listed for informational purposes only and are not guaranteed.

Unit Electrical Data

Unit Voltage-Ph-Hz:	460-3-60	Min Circuit Ampacity - MCA:	50.3 Amps
Unit Amps - FLA:	46.3 Amps	Maximum Overcurrent Protection - MOCP:	60.0 Amps

Electrical Summary

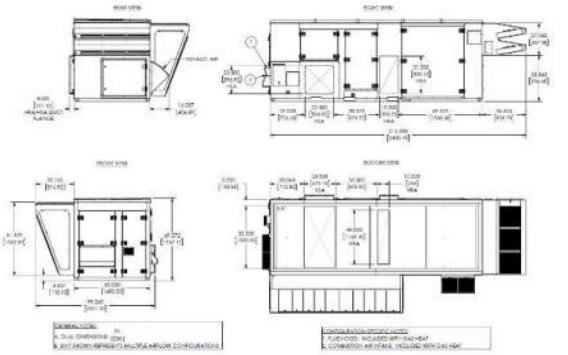
Component	Fan Service	Qty	HP (ea.)	FLA (ea.)	RLA (ea.)	LRA (ea.)
Controls		1		1.48		
Electric Heat		1		25.1		
ERV/HRV		1	0.17	0.44		
	Exhaust	1	5	6.6		
Scroll		1			13.5	123
Digital Scroll		1			13.5	130
	Supply	1	5	6.6		
	Condenser	2	1	2.1		

Notes

- Unit Electrical amps include the greater of compressor or electrical heat amps.
- Unit's electrical as shown above are for single point power.

Drawing Accurate for OAD DX and OAD ASHP

Qty: 1 Tag(s): DOAS-1



IPAK 3 20-75 ton Packaged Rooftop

Unit Overview - RA0400043**BA2F1E100A01D004A1000000A001A0A41E10A0

Unit Function	Tonnage	EER @ AHRI	IEER @ AHRI	Net Capacity @ AHRI	System Power	Elevation
DX Cooling, No Heat	40 Tons	11.0 EER	18.0 EER	470.00 MBh	57.09 kW	0.00 ft

Dimensions				Installed Weight
Height	Width	Overall Length	Footprint Length	
81.590 in	90.630 in	268.560 in	229.660 in	7645.0 lb

Unit Features

Panel	Double-wall foam injected panels (doors, base, and roof) with thermal resistance of R-9
Hinged Access Doors	Hinged Access Doors - Single Side
Agency Approval	cULus Certification

Unit Electrical

Voltage/Phase/Frequency	Unit Mounted Power Connection	SCCR Rating
460/60/3	Ckt Brkr w/ SCCR & Pwrd Conv Outlet	65000.00 A

Circuit 1		
MCA	MOP	DSS
120.00 A	125.00 A	150.00 A

Condenser Fan 1 FLA	2.90 A	Supply Fan 1 FLA	15.10 A	Compressor 1 RLA	27.90 A
Condenser Fan 2 FLA	2.70 A	Supply Fan 2 FLA	15.10 A	Compressor 4 RLA	19.20 A
Condenser Fan 4 FLA	2.90 A	Other FLA	4.50 A	Compressor 5 RLA	19.20 A
Condenser Fan 5 FLA	2.70 A				

Note: DSS value reflects factory installed Disconnect Switch Size or Terminal Block size.

Note: Connect properly sized and protected power supply wiring to the unit (copper wiring only to the unit)

Condensing Section

Refrigeration System	eFlex -Variable Speed Comp High Capacity	Refrigerant Charge Circuit 1	30.3 lb
Compressor Count	3	Refrigerant Charge Circuit 2	31.0 lb
Compressor Stages	3	Service Valves	Service Valves - Discharge
Unit Capacity Steps (%)	15-100	Design Ambient Temperature	105.00 F
Condenser Coil Type	Microchannel	Ambient Control	Low Ambient w Variable Spd Condenser Fan
Condenser Coil Face Area	118.00 sq ft	Condenser Fan Count	4
Condenser Coil Rows	1	Condenser Fan Size	30.000 in
		Condenser Fan HP (each)	1.500 hp

Heating Section

Function	DX Cooling, No Heat

Cooling Coil (DX) Section

Type	Cu-Al
Rows	6
Face Area	35.70 sq ft
Evaporator Coil Drain Pan	Stainless Steel/Condensate overflow swt
Face Velocity	448 ft/min

Inputs	
Design Airflow	16000 cfm
Entering Dry Bulb	77.70 F
Entering Wet Bulb	64.13 F

Cooling Performance	
Leaving Coil Dry Bulb	54.62 F
Leaving Coil Wet Bulb	54.21 F
Leaving Unit Dry Bulb	57.83 F
Leaving Unit Wet Bulb	55.59 F
Gross Total Capacity	461.95 MBh
Gross Sensible Capacity	399.59 MBh
Gross Latent Capacity	62.36 MBh
Net Total Capacity	414.82 MBh
Net Sensible Capacity	352.46 MBh
Net Sensible Heat Ratio	84.97 %

Dual Supply Fan - Direct Drive & Variable Speed

Supply Fan	Supply Fan - 20.0 inch, 100% width
Supply Fan Count	2
Discharge Airflow Direction	Downflow Supply & Upflow Return
Supply Fan Motor HP	Supply Fan Motor - 20HP (10HP per motor)
Supply Motor Count	2
Supply Fan Motor Type	ODP w RPM greater than or equal to 1600
System Control	Single Zone VAV (Zone Temperature)
VFD Count	2
VFD Bypass	VFD Bypass - Supply
Shaft Grounding Ring	Standard

Performance	
Design Airflow	16000 cfm
Supply Duct Static Pressure	1.500 in H2O
Total Static Pressure	5.077 in H2O
Total Supply BHP	17.514 hp
Operating Speed	2460 rpm
Supply Fan Efficiency Grade	80
Supply Fan Motor Heat	47.13 MBh

Filter Sections

Pre-Evap Coil	
Type	Pre-Evap - 4" MERV 14 Panel
Quantity/Size - #1	3 - 20 x 20 x 2
Quantity/Size - #2	7 - 20 x 24 x 2
Quantity/Size - #3	2 - 24 x 24 x 2
Face Area (sq ft.)	39.70 sq ft
Face Velocity (ft/min)	403 ft/min

Outside Air & Relief Sections

Outside Air Section	
Outside Air Option	0-100% Economizer with Traq and DCV
Outside Air Control	Economizer with Dry Bulb
Damper with FDD	Low Leak Damper
Leakage Rate	10.00 cfm/sq ft

Relief Section	
Relief Option	Barometric Relief
Airflow	14000 cfm
Airflow Direction	Downflow Supply & Upflow Return
Return Duct Static Pressure	0.750 in H2O

COMcheck Inputs

Fan ID	Fan Type	Design Air Volume	BHP at System Design Conditions
Supply Fan 1	Supply	8000 cfm	8.76 bhp
Supply Fan 2	Supply	8000 cfm	8.76 bhp

Fan ID	Maximum BHP	Motor Nameplate HP	Maximum Motor Nameplate HP
Supply Fan 1		10.000 hp	15.000 hp
Supply Fan 2		10.000 hp	15.000 hp
Relief Fan 1	NaN bhp		

Pressure Drop Credits	
Application	Flow Through Device
Particulate filtration credit: MERV 9 through 12	16000 cfm
Particulate filtration credit: MERV 13 through 15	16000 cfm

Expected Output		
Method	Proposed	Max. Allowed
Motor Nameplate HP	20.000 hp	24.000 hp
Brake HP (BHP) - Recommended	17.514 hp	23.124 hp

Notes:
1. Trane recommends using Brake HP method for ASHRAE 90.1 compliance. Motor Nameplate HP method is not intended for large multi-fan systems that are available in IntelliPak rooftop units.
2. Select pressure drop credit when applicable (Ex. unit has high efficiency filters or sound attenuation section)
3. Is the relief fan running when the supply is delivering its highest supply airflow rate (ex. at Fan System Design Condition)?
   * If yes, input into COMcheck the relief fan airflow and BHP when it is operating at the Fan System Design Condition.
   * If not, do not input the relief fan into the COMcheck calculation.
4. Applies to fans internal to the unit only. Other fans in the system must be accounted for separately.
5. IntelliPak relief fans are EC motors. COMcheck will only give maximum nameplate Hp requirements for integral horsepower motors. To check for compliance with ASHRAE 90.1-2016, use two available nameplate motors per fan (6 Hp and 8 Hp).

Total Static Pressure

Final Filters	0.000 in H2O
Heat	0.000 in H2O
HGRH Coil	0.000 in H2O
DX Coil	0.818 in H2O
Filters	0.844 in H2O
Economizer	0.384 in H2O
Supply Duct	1.500 in H2O
Return Duct	0.750 in H2O
Total Static Pressure	5.077 in H2O

Filter Status	Clean

Acoustics

	63	125	250	500	1K	2K	4K	8K
Ducted Discharge (Supply)	86 dB	83 dB	83 dB	88 dB	81 dB	77 dB	73 dB	62 dB
Ducted Inlet (Return)	94 dB	84 dB	86 dB	95 dB	82 dB	79 dB	77 dB	66 dB
Outdoor Noise	102 dB	100 dB	95 dB	93 dB	92 dB	87 dB	83 dB	76 dB

TRANE

IPAK 3 20-75 ton Packaged Rooftop

Unit Overview - RA0700043**BA2M1G100A01D004A1000000A001A0A41E10A0

Unit Function	Tonnage	EER @ AHRI	IEER @ AHRI	Net Capacity @ AHRI	System Power	Elevation
DX Cooling, No Heat	70 Tons	11.3 EER	18.0 EER	795.00 MBh	97.28 kW	0.00 ft

Dimensions				Installed Weight
Height	Width	Overall Length	Footprint Length	
81.590 in	116.130 in	316.500 in	277.660 in	10652.4 lb

Unit Features

Panel	Double-wall foam injected panels (doors, base, and roof) with thermal resistance of R-9
Hinged Access Doors	Hinged Access Doors - Single Side
Agency Approval	cULus Certification

Unit Electrical

Voltage-Phase/Frequency	Unit Mounted Power Connection	SCCR Rating
460/60/3	Ckt Brkr w/ SCCR & Pwrd Conv Outlet	65000.00 A

Circuit 1		
MCA	MOP	DSS
192.00 A	225.00 A	250.00 A

Condenser Fan 1 FLA	2.90 A	Supply Fan 1 FLA	29.90 A	Compressor 1 RLA	35.10 A
Condenser Fan 2 FLA	1.80 A	Supply Fan 2 FLA	29.90 A	Compressor 2 RLA	26.70 A
Condenser Fan 3 FLA	1.80 A	Other FLA	4.50 A	Compressor 4 RLA	21.80 A
Condenser Fan 4 FLA	2.90 A			Compressor 5 RLA	21.80 A
Condenser Fan 5 FLA	1.80 A				
Condenser Fan 6 FLA	1.80 A				

Note: DSS value reflects factory installed Disconnect Switch Size or Terminal Block size.

Note: Connect properly sized and protected power supply wiring to the unit (copper wiring only to the unit)

Condensing Section

Refrigeration System	eFlex -Variable Speed Comp High Capacity	Refrigerant Charge Circuit 1	51.5 lb
Compressor Count	4	Refrigerant Charge Circuit 2	50.8 lb
Compressor Stages	4	Service Valves	Service Valves - Discharge
Unit Capacity Steps (%)	15-100	Design Ambient Temperature	105.00 F
Condenser Coil Type	Microchannel	Ambient Control	Low Ambient w Variable Spd Condenser Fan
Condenser Coil Face Area	136.00 sq ft	Condenser Fan Count	6
Condenser Coil Rows	2	Condenser Fan Size	26.000 in
		Condenser Fan HP (each)	1.000 hp

Heating Section

Function	DX Cooling, No Heat

TRANE

COMcheck Inputs

Fan ID	Fan Type	Design Air Volume	BHP at System Design Conditions
Supply Fan 1	Supply	13000 cfm	15.99 bhp
Supply Fan 2	Supply	13000 cfm	15.99 bhp

Fan ID	Maximum BHP	Motor Nameplate HP	Maximum Motor Nameplate HP
Supply Fan 1		20.000 hp	25.000 hp
Supply Fan 2		20.000 hp	25.000 hp
Relief Fan 1	NaN bhp		

Pressure Drop Credits	
Application	Flow Through Device
Particulate filtration credit: MERV 9 through 12	26000 cfm
Particulate filtration credit: MERV 13 through 15	26000 cfm

Expected Output		
Method	Proposed	Max. Allowed
Motor Nameplate HP	40.000 hp	39.000 hp
Brake HP (BHP) - Recommended	31.986 hp	37.576 hp

Notes:
1. Trane recommends using Brake HP method for ASHRAE 90.1 compliance. Motor Nameplate HP method is not intended for large multi-fan systems that are available in IntelliPak rooftop units.
2. Select pressure drop credit when applicable (Ex. unit has high efficiency filters or sound attenuation section)
3. Is the relief fan running when the supply is delivering its highest supply airflow rate (ex. at Fan System Design Condition)?
   - * If yes, input into COMcheck the relief fan airflow and BHP when it is operating at the Fan System Design Condition.
   - * If not, do not input the relief fan into the COMcheck calculation.
4. Applies to fans internal to the unit only. Other fans in the system must be accounted for separately.
5. IntelliPak relief fans are EC motors. COMcheck will only give maximum nameplate Hp requirements for integral horsepower motors. To check for compliance with ASHRAE 90.1-2016, use two available nameplate motors per fan (6 Hp and 8 Hp).

Total Static Pressure

Final Filters	0.000 in H2O
Heat	0.000 in H2O
HGRH Coil	0.000 in H2O
DX Coil	0.572 in H2O
Filters	1.196 in H2O
Economizer	0.610 in H2O
Supply Duct	1.500 in H2O
Return Duct	0.750 in H2O
Total Static Pressure	5.194 in H2O
Filter Status	Clean

Acoustics

	63	125	250	500	1K	2K	4K	8K
Ducted Discharge (Supply)	97 dB	92 dB	97 dB	93 dB	90 dB	90 dB	86 dB	75 dB
Ducted Inlet (Return)	89 dB	81 dB	87 dB	80 dB	77 dB	74 dB	69 dB	60 dB
Outdoor Noise	99 dB	96 dB	94 dB	92 dB	91 dB	87 dB	84 dB	80 dB

TRANE

Cooling Coil (DX) Section

		Cooling Performance	
Type	Cu-Al	Leaving Coil Dry Bulb	53.91 F
Rows	6	Leaving Coil Wet Bulb	53.70 F
Face Area	66.90 sq ft	Leaving Unit Dry Bulb	57.52 F
Evaporator Coil Drain Pan	Stainless Steel/Condensate overflow swt	Leaving Unit Wet Bulb	55.27 F
Face Velocity	389 ft/min	Gross Total Capacity	783.03 MBh
		Gross Sensible Capacity	674.72 MBh
Inputs		Gross Latent Capacity	108.31 MBh
Design Airflow	26000 cfm	Net Total Capacity	696.96 MBh
Entering Dry Bulb	77.70 F	Net Sensible Capacity	588.65 MBh
Entering Wet Bulb	64.13 F	Net Sensible Heat Ratio	84.46 %

Dual Supply Fan - Direct Drive & Variable Speed

		Performance	
Supply Fan	Supply Fan - 27.0 inch, 100% width	Design Airflow	26000 cfm
Supply Fan Count	2	Supply Duct Static Pressure	1.500 in H2O
Discharge Airflow Direction	Downflow Supply & Upflow Return	Total Static Pressure	5.194 in H2O
Supply Fan Motor HP	Supply Fan Motor - 40HP (20HP per motor)	Total Supply BHP	31.986 hp
Supply Motor Count	2	Operating Speed	1709 rpm
Supply Fan Motor Type	ODP w RPM greater than or equal to 1600	Supply Fan Efficiency Grade	80
System Control	Single Zone VAV (Zone Temperature)	Supply Fan Motor Heat	86.08 MBh
VFD Count	2		
VFD Bypass	VFD Bypass - Supply		
Shaft Grounding Ring	Standard		

Filter Sections

Pre-Evap Coil	
Type	Pre-Evap - 4" MERV 14 Panel
Quantity/Size - #1	2 - 20 x 20 x 2
Quantity/Size - #2	7 - 20 x 24 x 2
Quantity/Size - #3	6 - 24 x 24 x 2
Face Area (sq ft.)	52.90 sq ft
Face Velocity (ft/min)	491 ft/min

Outside Air & Relief Sections

Outside Air Section		Relief Section	
Outside Air Option	0-100% Economizer with Traq and DCV	Relief Option	Barometric Relief
Outside Air Control	Economizer with Dry Bulb	Airflow	22000 cfm
Damper with FDD	Low Leak Damper	Airflow Direction	Downflow Supply & Upflow Return
Leakage Rate	10.00 cfm/sq ft	Return Duct Static Pressure	0.750 in H2O

IPAK 3 20-75 ton Packaged Rooftop

Unit Overview - RA0750043**BA2M1G100A01D004A1000000A001A1A41E10A0

Unit Function	Tonnage	EER @ AHRI	IEER @ AHRI	Net Capacity @ AHRI	System Power	Elevation
DX Cooling, No Heat	75 Tons	11.5 EER	18.2 EER	830.00 MBh	109.29 kW	0.00 ft

Dimensions				Installed Weight
Height	Width	Overall Length	Footprint Length	
81.590 in	116.130 in	316.500 in	277.660 in	10652.4 lb

Unit Features

Panel	Double-wall foam injected panels (doors, base, and roof) with thermal resistance of R-9
Hinged Access Doors	Hinged Access Doors - Single Side
Agency Approval	cULus Certification

Unit Electrical

Voltage/Phase/Frequency	Unit Mounted Power Connection	SCCR Rating
460/60/3	Ckt Brkr w/ SCCR & Pwrd Conv Outlet	65000.00 A

Circuit 1		
MCA	MOP	DSS
197.00 A	225.00 A	250.00 A

Condenser Fan 1 FLA	2.90 A	Supply Fan 1 FLA	29.90 A	Compressor 1 RLA	28.50 A
Condenser Fan 2 FLA	1.80 A	Supply Fan 2 FLA	29.90 A	Compressor 2 RLA	26.70 A
Condenser Fan 3 FLA	1.80 A	Other FLA	4.50 A	Compressor 4 RLA	28.20 A
Condenser Fan 4 FLA	2.90 A			Compressor 5 RLA	28.20 A
Condenser Fan 5 FLA	1.80 A				
Condenser Fan 6 FLA	1.80 A				

Note: DSS value reflects factory installed Disconnect Switch Size or Terminal Block size.

Note: Connect properly sized and protected power supply wiring to the unit (copper wiring only to the unit)

Condensing Section

Refrigeration System	eFlex -Variable Speed Comp High Capacity	Refrigerant Charge Circuit 1	56.8 lb
Compressor Count	4	Refrigerant Charge Circuit 2	47.3 lb
Compressor Stages	4	Service Valves	Service Valves - Discharge
Unit Capacity Steps (%)	15-100	Design Ambient Temperature	115.00 F
Condenser Coil Type	Microchannel	Ambient Control	Low Ambient w Variable Spd Condenser Fan
Condenser Coil Face Area	136.00 sq ft	Condenser Fan Count	6
Condenser Coil Rows	2	Condenser Fan Size	26.000 in
		Condenser Fan HP (each)	1.000 hp

Heating Section

Function	DX Cooling, No Heat

Cooling Coil (DX) Section

Type	Cu-Al
Rows	6
Face Area	66.90 sq ft
Evaporator Coil Drain Pan	Stainless Steel/Condensate overflow swt
Face Velocity	419 ft/min

Inputs	
Design Airflow	28000 cfm
Entering Dry Bulb	80.00 F
Entering Wet Bulb	61.50 F

Cooling Performance	
Leaving Coil Dry Bulb	54.64 F
Leaving Coil Wet Bulb	51.38 F
Leaving Unit Dry Bulb	58.01 F
Leaving Unit Wet Bulb	52.92 F
Gross Total Capacity	781.04 MBh
Gross Sensible Capacity	781.04 MBh
Gross Latent Capacity	0.00 MBh
Net Total Capacity	689.87 MBh
Net Sensible Capacity	689.87 MBh
Net Sensible Heat Ratio	100.00 %

Modulating Hot Gas Reheat (HGRH) and Bypass

Hot Gas Reheat & Bypass	Hot Gas Reheat
Entering Dry Bulb (in HRGH)	73.00 F
Entering Wet Bulb (in HRGH)	64.00 F
Ambient DB (in HGRH)	75.00 F

Dual Supply Fan - Direct Drive & Variable Speed

Supply Fan	Supply Fan - 27.0 inch, 100% width
Supply Fan Count	2
Discharge Airflow Direction	Downflow Supply & Upflow Return
Supply Fan Motor HP	Supply Fan Motor - 40HP (20HP per motor)
Supply Motor Count	2
Supply Fan Motor Type	ODP w RPM greater than or equal to 1600
System Control	Single Zone VAV (Zone Temperature)
VFD Count	2
VFD Bypass	VFD Bypass - Supply
Shaft Grounding Ring	Standard

Performance	
Design Airflow	28000 cfm
Supply Duct Static Pressure	1.000 in H2O
Total Static Pressure	5.017 in H2O
Total Supply BHP	33.880 hp
Operating Speed	1755 rpm
Supply Fan Efficiency Grade	80
Supply Fan Motor Heat	91.17 MBh

Filter Sections

Pre-Evap Coil	
Type	Pre-Evap - 4" MERV 14 Panel
Quantity/Size - #1	2 - 20 x 20 x 2
Quantity/Size - #2	7 - 20 x 24 x 2
Quantity/Size - #3	6 - 24 x 24 x 2
Face Area (sq ft.)	52.90 sq ft
Face Velocity (ft/min)	529 ft/min

Outside Air & Relief Sections

Outside Air Section		Relief Section	
Outside Air Option	0-100% Economizer with Traq and DCV	Relief Option	Barometric Relief
Outside Air Control	Economizer with Dry Bulb	Airflow	22000 cfm
Damper with FDD	Low Leak Damper	Airflow Direction	Downflow Supply & Upflow Return
Leakage Rate	10.00 cfm/sq ft	Return Duct Static Pressure	0.750 in H2O

COMcheck Inputs

Fan ID	Fan Type	Design Air Volume	BHP at System Design Conditions
Supply Fan 1	Supply	14000 cfm	16.94 bhp
Supply Fan 2	Supply	14000 cfm	16.94 bhp

Fan ID	Maximum BHP	Motor Nameplate HP	Maximum Motor Nameplate HP
Supply Fan 1		20.000 hp	25.000 hp
Supply Fan 2		20.000 hp	25.000 hp
Relief Fan 1	NaN bhp		

Pressure Drop Credits	
Application	Flow Through Device
Particulate filtration credit: MERV 9 through 12	28000 cfm
Particulate filtration credit: MERV 13 through 15	28000 cfm

Expected Output		
Method	Proposed	Max. Allowed
Motor Nameplate HP	40.000 hp	42.000 hp
Brake HP (BHP) - Recommended	33.880 hp	40.467 hp

Notes:
1. Trane recommends using Brake HP method for ASHRAE 90.1 compliance. Motor Nameplate HP method is not intended for large multi-fan systems that are available in IntelliPak rooftop units.
2. Select pressure drop credit when applicable (Ex. unit has high efficiency filters or sound attenuation section)
3. Is the relief fan running when the supply is delivering its highest supply airflow rate (ex. at Fan System Design Condition)?
   * If yes, input into COMcheck the relief fan airflow and BHP when it is operating at the Fan System Design Condition.
   * If not, do not input the relief fan into the COMcheck calculation.
4. Applies to fans internal to the unit only. Other fans in the system must be accounted for separately.
5. IntelliPak relief fans are EC motors. COMcheck will only give maximum nameplate Hp requirements for integral horsepower motors. To check for compliance with ASHRAE 90.1-2016, use two available nameplate motors per fan (6 Hp and 8 Hp).

Total Static Pressure

Final Filters	0.000 in H2O
Heat	0.000 in H2O
HGRH Coil	0.000 in H2O
DX Coil	0.513 in H2O
Filters	1.388 in H2O
Economizer	0.708 in H2O
Supply Duct	1.000 in H2O
Return Duct	0.750 in H2O
Total Static Pressure	5.017 in H2O
Filter Status	Clean

Acoustics

	63	125	250	500	1K	2K	4K	8K
Ducted Discharge (Supply)	97 dB	92 dB	98 dB	93 dB	91 dB	90 dB	88 dB	76 dB
Ducted Inlet (Return)	90 dB	81 dB	87 dB	80 dB	77 dB	75 dB	70 dB	60 dB
Outdoor Noise	99 dB	96 dB	94 dB	92 dB	91 dB	87 dB	84 dB	81 dB

Modeled Generator Enclosure Sound Specifications

Sound spectra and overall levels	31.5	63	125	250	500	1k	2k	4k	8k	Hz		Overall levels	
Silenced Sound Power Level (PWL)	24.9	109	104.7	89.2	70	65.3	60.3	55.8	64.3	110.4	dB	90.2	dB(A)
Immission (listener's) point													
A - weighted SPLA, LpA		57.9	63.7	55.7	41.9	40.4	36.6	31.8	38			65.3	dB(A)

66 kV 15 MVA Transformer

15 MVA Transformer Dimensions & Weight			
Dimensions		Weight	
Height	4016 mm	Tank & accesories	9500 kg
Length	6329 mm	Total oil weight	7300 kg
Width	4016 mm	Total weight	32000 kg

https://www.daelimtransformer.com/69kv-transformer.html

NEMA Standards Publication TR 1-2013 (R2019)

Transformers, Step Voltage Regulators and Reactors

Table 1
Audible Sound Levels for Oil-Immersed Power Transformers

Average Sound Level tt. Decibels	Equivalent Two-Winding Rating*																		
	350 kV BIL and Below			450, 550, 650 kV BIL			750 and 825 kV BIL			900 and 1050 kV BIL			1175 kV BIL			1300 kV BIL. and Above		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
57	700																	
58	1000																	
59				700														
60	1500			1000														
61	2000																	
62	2500			1500														
63	3000			2000														
64	4000			2500														
65	5000			3000														
66	6000			4000			3000											
67	7500	6250▲▲		5000	3750▲▲		4000	3125▲▲										
68	10000	7500		6000	5000		5000	3750										
69	12500	9375		7500	6250		6000	5000										
70	15000	12500		10000	7500		7500	6250										
71	20000	16667		12500	9375		10000	7500										
72	25000	20000	20800	15000	12500		12500	9375										
73	30000	26667	25000	20000	16667		15000	12500		12500								
74	40000	33333	33333	25000	20000	20800	20000	16667		15000			12500					
75	50000	40000	41687	30000	26667	25000	25000	20000	20800	20000	16667		15000			12500		
76	60000	53333	50000	40000	33333	33333	30000	26667	25000	25000	20000	20800	20000	16667		15000		
77	80000	66687	66667	50000	40000	41667	40000	33333	33333	30000	26667	25000	25000	20000	20800	20000	16667	
78	100000	80000	83333	60000	53333	50000	50000	40000	41667	40000	33333	33333	30000	26667	25000	25000	20000	20800
79		106667	100000	80000	66667	66667	60000	53333	50000	50000	40000	41667	40000	33333	33333	30000	26667	25000
80		133333	133333	100000	80000	83333	80000	66667	66667	60000	53333	50000	50000	40000	41667	40000	33333	33333
81			166667		106667	100000	100000	80000	83333	80000	66667	66667	60000	53333	50000	50000	40000	41667
82			200000		133333	133333		106867	100000	100000	80000	83333	80000	66667	66667	60000	53333	50000
83			250000			166667		133333	133333		10686	100000	100000	80000	83333	80000	66667	68667
84			300000			200000			166667		13333	133333		106667	100000	100000	80000	83333
85			400000			250000			200000			166667		133333	133333		106667	100000
86						300000			250000			200000			166667		133333	133333
87						400000			300000			250000			200000			168667
88									400000			300000			250000			200000
89												400000			300000			250000
90															400000			300000
91																		400000

Column 1 • Class*ONAN. ONWN and OFWF Rating*
Column 2 • Class* ONAF and ODAF First stage Auxiliary Cooling*t
Column 3 • Straight OFAF Ratings, ONAF * and ODAF * Second stage Auxiliary Cooling*t'
Classes of cooling, see section 5.1 IEEE Std. C57.12-2010

*First- and second stage auxiliary cooling, see section 4 Table 1 of IEEE Std. C57-12-2010
f For column 2 and 3 ratings, the sound levels are with the auxiliary cooling equipment in operation.
tf For intermediate kVA ratings, use the average sound level of the next larger kVA rating.
▲The equivalent two-winding 55*C or 65*C rating is defined as one-half the sum of the kVA rating of all windings
▲▲ Sixtv-seven decibels for all kVA ratings equal to this or smaller.

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